

**CDI**  
Electronics®

**OUTBOARD  
IGNITIONS**



**INBOARD  
IGNITIONS**

**HIGH OUTPUT  
ALTERNATORS**



**SG200 BATTERY  
MONITORING**

**DIAGNOSTIC  
TOOLS**

**M.E.D.S.**  
MARINE ENGINE DIAGNOSTIC SYSTEM



2022 **23**

**BETTER THAN THE OEM**

NEW PRODUCTS  
SUPPLEMENT

**CDI Electronics®**

# COMMITTED TO *SERVICE*

**3**

## MINUTES TO PLACE A PHONE ORDER

Our Customer Service Specialists here in Huntsville, AL know our products inside and out so placing your order is fast and easy.

**24**

## HOURS TO SHIP AN ORDER

In-stock orders placed by 3 p.m. ship within 24 hours, many the same day. Our shipping department gets you what you need!

**90**

## YEARS OF COMBINDED TECHNICAL EXPERIENCE

In-stock orders placed by 3 p.m. ship within 24 hours, many the same day. Our shipping department gets you what you need!

**98**

## % ON TIME DELIVERY

Here at CDI Electronics we stock all of the parts for your ignition needs. We make sure you get the parts you need when you need them!



# WE'RE HERE TO *SERVE* YOU



CDI's Technical Support group can assist you with troubleshooting the most complex issue with outboard engines - the ignition system.

***LET THE EXPERTS HELP YOU BETTER  
SERVICE YOUR CUSTOMERS.***

**CONTACT CDI'S TECHNICAL  
SUPPORT TODAY!**

**1.866.423.4832**

or go to [cdielectronics.com](http://cdielectronics.com) to review and download installation instructions and troubleshooting information for all CDI products.

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**This 2022/2023 Catalog Supplement provides additions to the CDI Electronics' lineup of ignition components, diagnostic software, DC charging and battery monitoring products released since our previous catalog was published in 2020. When combined with the 2020/2021 Full Catalog, the entire offering of superior CDI Electronics products are available for your marine repair and electrical upgrade needs.**

## ABOUT CDI ELECTRONICS

For more than 35 years, CDI Electronics has provided value and lowest-cost-of-ownership to the pleasure marine and motor sports industry. Our commitment is to provide superior ignition and diagnostic solutions to engine users and manufacturers throughout the world. We also believe it is our duty to educate and train industry technicians to diagnose and install ignition products. Our products are designed and manufactured at our ISO 9001-Certified factory in Huntsville, Alabama.



## OUR VISION

CDI/Balmar strives to be a Leading Producer of Electronic Engine and DC Charging Components for Marine and Industrial Applications; providing Value to our Customers through Design, Quality, Reliability and Service.

## M.E.D.S. Update for Late Model Yamaha Engines

CDI Electronics is pleased to announce the release of an expanded M.E.D.S. Yamaha Platform. Now M.E.D.S. can read and diagnose Engine Control Unit (“ECU”) data for most Yamaha outboard engines produced up to the present day. In addition, M.E.D.S. can also read and diagnose ECU data on an expanded set of Yamaha WaveRunners and Jet Boats.

The Yamaha Update is designated by the part number 531-0119UY and is available now. Existing Registered M.E.D.S. Dealers who presently own a Yamaha platform can upgrade to the expanded Yamaha platform for a one-time charge of \$395.00 from now until the end of 2022. The newer engines use the same data cable and connector as older engines, so new cabling is not required. Simply call CDI Customer Service at +1 (256) 772-3829 x1 or your favorite marine distributor to place your order for part number 531-0119UY and an email link will be provided with the new M.E.D.S. Version 11.0. A re-installation of your M.E.D.S. software will be required.

All new M.E.D.S. license purchases (either stand-alone Yamaha platforms or bundled packages containing multiple engine platforms) include the expanded Yamaha capabilities and can be acquired through your favorite marine distributor. Further, any purchase of a new platform (any engine) by existing M.E.D.S. registered dealers will include the expanded Yamaha software.

## Make More Service Money with M.E.D.S.!

### USE THE M.E.D.S. Check Report to Generate Revenue

The M.E.D.S. Check Report is a customizable and comprehensive diagnostic and engine history report.

In less than 30 seconds, you can download all the information stored in an ECU and present the data in a customized, professional manner for your customer.

Charge a Diagnostic Fee to Run a M.E.D.S. Check Report.

Use M.E.D.S. Check at:

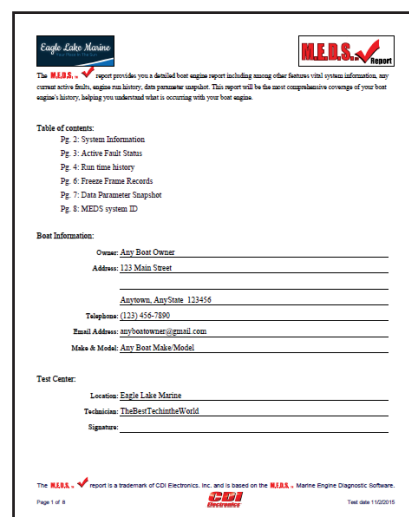
- Spring Fit Out
- Fall Winterization
- All Service Inspections
- Rentals, Trade-Ins & Used Boat Sales

M.E.D.S. Check allows you to generate revenue even when nothing is wrong with an engine.

Use M.E.D.S. Check to identify problems before your customer experiences an emergency on the water.

The M.E.D.S. Check Report includes:

- Engine ECU System Information
- Active Fault Codes
- Fault History
- Run Time History (by RPM Range)
- Freeze Frame Records
- M.E.D.S. System Information



The M.E.D.S. Check Report is a customizable and comprehensive diagnostic and engine history report. It includes the following information:

- Table of contents:
  - Pg. 1: System Information
  - Pg. 2: Active Fault Status
  - Pg. 3: Run time history
  - Pg. 4: Freeze Frame Records
  - Pg. 5: Data Parameter Snapshot
  - Pg. 6: M.E.D.S. system ID
- Boat Information:
  - Owner: Any Boat Owner
  - Address: 123 Main Street
  - City/State: Anytown, AnyState 123456
  - Telephone: (123) 456-7890
  - Email Address: anyboatowner@gmail.com
  - Make & Model: Any Boat Make/Model
- Test Center:
  - Location: Engle Lake Marine
  - Technician: ThaddeusT@techworld
  - Signature: \_\_\_\_\_

The M.E.D.S. Check Report is a trademark of CDI Electronics, Inc. and is based on the M.E.D.S. Marine Engine Diagnostic Software.  
 Page 1 of 8

**In less than 30 seconds a multi-page, customized report is produced that you can sign, print, save and email as required.**

Option 1: Buy an Individual Platform

Option 2: Buy a M.E.D.S. Bundle and Save \$100 on Each Addition

Option 3: Mix and Match Platforms for Your Shop's Specific Needs

## Ordering Options

### Option 1: M.E.D.S. Individual Platforms

Engine Platform	Purchased Individually	Purchased as an Add-On / Upgrade*
Mercury (w/o G3)	531-0118M	531-0119M
Mercury (Including G3)	531-0118M2	531-0119M2
Yamaha	531-0118Y	531-0119Y
Johnson/Evinrude	531-0118B	531-0119B
Suzuki	531-0118S	531-0119S
Honda / Tohatsu	531-0118H	531-0119H
MEFI 1-4 Gas Inboards	531-0118I4	531-0119I4
CANBus Engines	531-0118I5	531-0119I5
Volvo Penta Diesel	531-0118V	531-0119V
SeaDoo	531-0118SD	531-0119SD

\*An Engine Platform Add-On/Upgrade can only be purchased if you already own a Bundle Platform or an Individual Platform.

To Learn more about M.E.D.S. & View the Engines M.E.D.S. Supports, Visit [www.cdielelectronics.com](http://www.cdielelectronics.com) and Check Out the M.E.D.S. Diagnostic Software Tab at the Top of the Page!



The M.E.D.S. Backpack and Cable Organizer 511-0001 is provided **FREE** with the Purchase of any Bundle Package!

### Option 2: M.E.D.S. Bundle Platforms

Name	Part Number	Includes*
Basic Bundle	531-0200T1	Mercury, Yamaha, J/E
Standard Bundle	531-0500T	Merc, Yam, J/E, Suzuki, Honda, MEFI 1-4
Professional Bundle	531-0500T3	Merc, Yam, J/E, Suzuki, Honda, SeaDoo, MEFI 1-4, CANbus
CDS Bundle	531-0200T4	Merc, Yam, MEFI 1-4, Languages

\*All Bundle Packages Include Mercury G3, except 531-0200T4

### Option 3: Mix and Match Custom Packages

Package Description	Package Includes:
Older Mercury & BRP Only: Mercury Individual + BRP	531-0118M + 531-0119B
Foreign Outboards Packages: Yamaha Individual + Suzuki + Honda	531-0118Y + 531-0119S + 531-0119H
Inboard Only Package: CANbus Individual + MEFI 1-4 + Volvo Diesel	531-0118I5 + 531-0119I4 + 531-0119V

### Additional M.E.D.S. Purchase Options

Part Number	Includes:
511-0001	M.E.D.S. Backpack and Cable Organizer
531-0119L1	French Language Add-on
531-0119L2	Spanish Language Add-on
531-0119L3	French and Spanish Language Add-on
531-0119U	Software Only Upgrade for Existing M.E.D.S. Users Prior to Version 6.0. Upgrade to the Latest Version of M.E.D.S. to Receive an Improved Graphical Presentation and M.E.D.S. Check Report.
531-0119UY	Software Only Upgrade for Late Model Yamaha

<b>MERCURY / MERCURUISER</b>	
<b>Purchased Alone: 531-0118M</b>	<b>As an Add-On / Upgrade: 531-0119M</b>
<b>Mercury Optimax</b>	<b>Years</b>
Optimax V6 135, 150, 175, 200, 225, 250, 2.5L, 3.0L	1997 - 18*
Optimax I3 1.5L, 75, 90, 115 HP	2002 - 18*
Optimax V6 EFI and Sport Jet	2002 - 16*
2.5L EFI, 150, 175, 200, 225 HP (Using 824003 Series ECU)	1994 - 01*
2.5L EFI, 150, 175, 200.HP (Using 555 Series ECU)	2002 - 06*
<b>Mercury Verado (pre-G3)</b>	<b>Years</b>
Verado I-4 135, 150, 175, 200 HP	2001 - 21
Verado I-6, 200, 225, 250, 275, 300, 350 HP	2001 - 21
<b>Mercury 4-Stroke EFI (pre-G3)</b>	<b>Years</b>
40, 50, 60, 75, 90, 115 HP	2002 - 14*
<b>Mercruiser (with 555 Controller &amp; w/o Catalytic Converters)</b>	<b>Years</b>
4.3L MPI, 5.0L MPI, 350 Mag MPI, MX 6.2L MPI, Black Scorpion	2002 - 14*
496 MAG, 496 HO MAG, 8.1L, 8.1L HO	2001 - 10*
<b>Mercruiser Racing</b>	<b>Years</b>
1075 Sci, 414 EFI, 600 Sci, 8.1L SHO	2001 - 10*
<b>Mercury Racing</b>	<b>Years</b>
225X, 250XS, 300X, 300XS	2001 - 10*
2.5L (250) EFI	1998 - 05*
<b>MERCURY G3</b>	
<b>Purchased Alone: 531-0118M2 (Includes pre-G3)</b>	<b>As an Add-On / Upgrade: 531-0119M2</b>
<b>Mercury 4-Stroke G3 &amp; SeaPro 4-Stroke G3</b>	<b>Years</b>
40,50,60,75,90,115,150 HP	2011 - 19
<b>Mercruiser G3</b>	
3.0L, 4.3L, 5.7L, 4.5L, 6.2L, 8.2L	2012 - 16
<b>Mercury Verado G3 (G3 Software Not Required, use pre G3)</b>	
<b>SUZUKI</b>	
<b>Purchased Alone: 531-0118S</b>	<b>As an Add-On / Upgrade: 531-0119S</b>
<b>Johnson/Evinrude 4-Stroke Built by Suzuki</b>	<b>Years</b>
40, 50, 60, 70, 90, 115, 140, 200, 225 HP	1999 - 06*
<b>Suzuki 4-Stroke</b>	<b>Years</b>
DF40, DF50, DF60, DF70, DF90, DF140, DF150, DF175	1997 - 12
DF70A, 80A, 90A, 100	2009 - 12
DF90, DF140	2001 - 12
DF150, DF175, DF200, DF225, DF250, DF300	2004 - 12

\*End of Life

<b>YAMAHA</b>	
<b>Purchased Alone: 531-0118Y</b>	<b>As an Add-On/Upgrade: 531-0119Y</b> <b>As an Update: 531-0119UY</b>
<b>Yamaha Outboards</b>	<b>Years</b>
4 Stroke EFI: F50, T60, F60, F70, F75, F90, F115, F130, F150, F175, F200, F225, F250, F300, F350	2000-22
2 Stroke HPDI: Z150, LZ150, VZ150, VZ175, Z200, LZ200, VZ200, VZ225, VZ250, 2300, LZ300, VZ300	2000-14*
SHO 4 Stroke EFI: VF90, VF115, VF150, VF175, VF200, VF225, VF250	2010-22
<b>Mercury Manufactured by Yamaha (4-Stroke)</b>	<b>Years</b>
30, 40, 50, 75, 90, 115	2001 - 06*
<b>Yamaha Snowmobiles</b>	<b>Years</b>
Apex GT, Mountain, ER, RTX, GTX, MTX, LTX	2006-10*
Attak GT, Base	2006-07*
Nytro Base, MTX, RTX, RTX-SE, FX Series	2008-11*
Phazer Base, GT, Mountain Lite, FX, Venture Lite, RS Venture GT	2007-09*

<b>BRP (JOHNSON/EVINRUDE)</b>	
<b>Purchased Alone: 531-0118B</b>	<b>As an Add-On / Upgrade: 531-0119B</b>
<b>Johnson/Evinrude Ficht &amp; ETEC</b>	<b>Years</b>
Ficht Air Cooled EMM	1997 - 98*
Ficht Water Cooled EMM	1999 - 06*
ETEC Water Cooled EMM (Does not cover G2 Engines)	2003 - 20*

<b>HONDA &amp; TOHATSU</b>	
<b>Purchased Alone: 531-0118H</b>	<b>As an Add-On / Upgrade: 531-0119H</b>
<b>Honda</b>	<b>Years</b>
BF40D, BF50D	2008 - 21
BF60A, BFP60A	2009 - 21
B75D, BF90D, BF175A	2007 - 21
BF115A, BF135A, BF150A	2005 - 21
BF115D	2010 - 21
BF200A, BF225A	2002 - 21
BF250A	2012 - 21
<b>Tohatsu</b>	<b>Years</b>
BFT60A, BFTW60A, 75A, 90A, 115A, 150A, 200A, 225A, 250A	2014 - 21

\*End of Life

<b>GM MEFI Versions 1-4</b>	
<b>Purchased Alone: 531-0118I4</b>	<b>As an Add-On / Upgrade: 531-0119I4</b>
<b>MEFI 1-4 Equipped</b>	<b>Years</b>
Crusader / Pleasurecraft Marine	1992 - 06*
Flagship Marine	1992 - 06*
GM Ramjet 350	1992 - Up
Indmar	1992 - 07*
Kodiak Marine	1992 - 08*
Marine Power	1992 - 08*
Mercury / Mercruiser	1992 - 00*
Mercury / Mercruiser Racing HP500	1992 - 10*
Panther Air Boats	1992 - Up
TurnKey Engines	2001 - 07*
Volvo Penta Gas	1992 - 05*

<b>CANbus Controlled Gas Engines</b>	
<b>Purchased Alone: 531-0118I5</b>	<b>As an Add-On / Upgrade: 531-0119I5</b>
<b>MEFI 4b, 5, 6 Equipped</b>	<b>Years</b>
Indmar (MEFI 5-6 Only)	2008 - Up
Volvo Penta	2008 - Up

<b>Volvo Penta Diesel Engines</b>	
<b>Purchased Alone: 531-0118V</b>	<b>As an Add-On / Upgrade: 531-0119V</b>
<b>D6</b>	<b>Years</b>
D6	2004 - 14

\*End of Life

CDI Electronics' M.E.D.S. SeaDoo(Rotax) Platform gives marine technicians the ability to troubleshoot 3 generations of Rotax engines. See the application guide on the right.

**Includes Key Fob programming for all models.**

Already own M.E.D.S?  
Purchase part number 531-0119SD.





<b>SeaDoo</b> <b>Purchased Alone: 531-0118SD</b> <span style="float: right;"><b>As an Add-On / Upgrade: 531-0119SD</b></span>	
Engine Models	Years
XP All Models	1996-04*
GTX All Models	1996-16
GSX All Models	1996-01*
GTI All Models	1997-16
GSI	1997*
GTS All Models, GS	1997-01*
SP	1997*
SPX	1997-99*
LRV All Models	2000-03*
RX All Models	2000-04*
3D All Models	2004-07*
RXP All Models	2004-16
RXT All Models	2005-16
WAKE All Models	2007-16
GTR	2012-16
SAR, Spark All Models	2014-16

<b>YAMAHA</b> <b>Purchased Alone: 531-0118Y</b> <span style="float: right;"><b>As an Add-On/Upgrade: 531-0119Y</b> <b>As an Update: 531-0119UY</b></span>	
Yamaha Personal Watercraft (PWC)	Years
GP1300R	2003-08*
FZR, FZS	2009-16*
FX All Models	2002-22
VX All Models	2004-22
V1	2016*
EX All Models, GP1800	2017-22
Yamaha Jet Boats	Years
190 All Models	2012-20*
192 All Models	2013-16*
195 All Models	2017-22
210 All Models, 212 All Models	2006-22
230 All Models	2003-10*
240 All Models	2010-20*
242 All Models	2011-20*
250 All Models, 252 All Models, 255 All Models	2021-22
275 All Models	2019-22

\*End of Life



### 137-0004 Pulser Coil Yamaha, 4 Cyl.

1984-1996 (115HP),  
1988-1989 (130HP)

**Replaces**  
6E5-85580-11-00



### 137-0005 Pulser Coil Yamaha, 6 Cyl.

1985-1989 (150, 175, & 200HP)

**Replaces**  
6G5-85580-13-00



### 183-3741 Ignition Coil Ficht, 4/6 Cyl., Dual Coil, 2 Stroke

2002-2005 (200, 225, & 250) Ficht En-  
gines 2007-2009 (115HP) E-tec Engines  
2007-2008 (150, 175HP) E-tec Engines  
2005-2008 (200, 225, 250) E-tec Engines  
2008 (300HP) E-tec Engines

**Replaces**  
0586854 & 0586745



### 931-0002 Copper Core Spark Plug Wire, Johnson/ Evinrude

6" Double-booted Spark Plug Wire

**Replaces**  
18-8816-1 & 0582365



### 923-0001 Socket/Pivot Bushing Johnson/Evinrude 4/6 Cyl

1973-1977 (85,115,135 & 140HP) w/Screw Terminal Power Pack, 1986-1987 (200 & 225HP), 1978-1987 (85,88,90,100,110,115 & 140HP) Cross Flow Engines w/ Twin Power Packs, 1985-1998 (65,80,85,88,90,100,112,115,120,125 & 140HP) Cross Flow Engines without Quick Start, 1988-2001 (120,125,130,135 & 140HP) Loop Charged Engines w/Quick Start & S.L.O.W., 1988-1998 (250, 275 & 300HP) Loop Charged Engines w/ Quick Start & S.L.O.W., 1988-2001 (185,200,225 & 250HP) Loop Charged Engines w/ Quick Start & S.L.O.W.

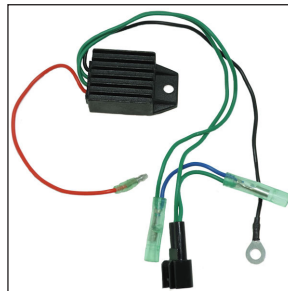
**Replaces**  
0329168 & 0330368



### 197-0003 Voltage Regulator 3 Cyl. Yamaha

1995-1999 (40 & 50HP) 1992-1999 (60  
& 70HP)

**Replaces**  
6H2-81960-10-00



### 197-0004 Voltage Regulator 3 Cyl. Yamaha

2000-2006 (40HP) 2000-2006 (60HP)  
2000-2010 (70HP)

**Replaces**  
6H2-81960-10-00



**923-0002**  
Plug, 2 Position,  
Johnson/Evinrude

Qty: 10

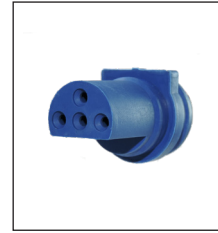
Replaces  
44-103-10302



**923-0003**  
Plug, 3 Position,  
Johnson/Evinrude

Qty: 10

Replaces  
44-103-10303



**923-0004**  
Plug, 4 Position,  
Johnson/Evinrude

Qty: 10

Replaces  
44-103-10304, 512749



**923-0005**  
Plug, 5 Position,  
Johnson/Evinrude

Qty: 10

Replaces  
44-103-10305, 512753



**923-0006**  
Plug, 6 Position,  
Johnson/Evinrude

Qty: 10

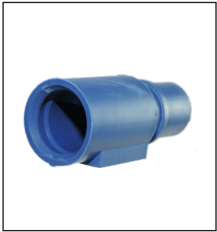
Replaces  
44-103-10306



**923-0007**  
Receptacle, 2  
Position, Johnson/  
Evinrude

Qty: 10

Replaces  
44-104-10302, 512746



**923-0008**  
Receptacle, 3  
Position, Johnson/  
Evinrude

Qty: 10

Replaces  
44-104-10303



**923-0009**  
Receptacle, 4  
Position, Johnson/  
Evinrude

Qty: 10

Replaces  
44-104-10304, 512750



**923-0010**  
Receptacle, 5  
Position, Johnson/  
Evinrude

Qty: 10

Replaces  
44-104-10305, 512754



**923-0011**  
Receptacle, 6  
Position, Johnson/  
Evinrude

Qty: 10

Replaces  
44-104-10306



**923-0012**  
Plug, 2 Position,  
Johnson/Evinrude

Qty: 10

Replaces  
44-103-10002



**923-0013**  
Plug, 3 Position,  
Johnson/Evinrude

Qty: 10

Replaces  
44-103-10003, 511990



**923-0014**  
Plug, 4 Position,  
Johnson/Evinrude

Qty: 10

Replaces  
44-103-10004, 511991



**923-0015**  
Receptacle, 2  
Position, Johnson/  
Evinrude

Qty: 10

Replaces  
44-104-10002, 511616



**923-0016**  
Receptacle, 3  
Position, Johnson/  
Evinrude

Qty: 10

Replaces  
44-104-10003, 512748



**923-0017**  
Receptacle, 4  
Position, Johnson/  
Evinrude

Qty: 10

Replaces  
44-104-10004, 511449



**923-0018**  
Receptacle, 5  
Position, Johnson/  
Evinrude

Qty: 10

Replaces  
44-104-10005, 512432



**923-0019**  
Receptacle, 1  
Position, Johnson/  
Evinrude

Qty: 10

Replaces  
44-104-10301, 513357

**SG200 Battery Monitor**  
**Precise Battery Monitoring For Trolling Motor Banks**  
**Learns & Displays All Critical Battery Parameters**

- State of Charge (SoC%)
- State of Health (SoH%)
- Monitor Discharge Rates
- Time Remaining to Safe Discharge Level
- Start Battery Voltage

**Supports 12V - 48V Trolling Motor Banks**  
**Large, Bright Color Display**  
**Optional Bluetooth Gateway/Phone App**

**SG200** includes the SmartShunt™ and 2" Color Display  
**SG205** includes the SmartShunt™ and Bluetooth® Gateway  
**SG210** includes the SmartShunt™, 2" Color Display, and Bluetooth® Gateway



**Fits in Standard  
2" Gauge Hole**



Google Play Store  
Search "Balmar"



Apple App Store  
Search "Balmar"

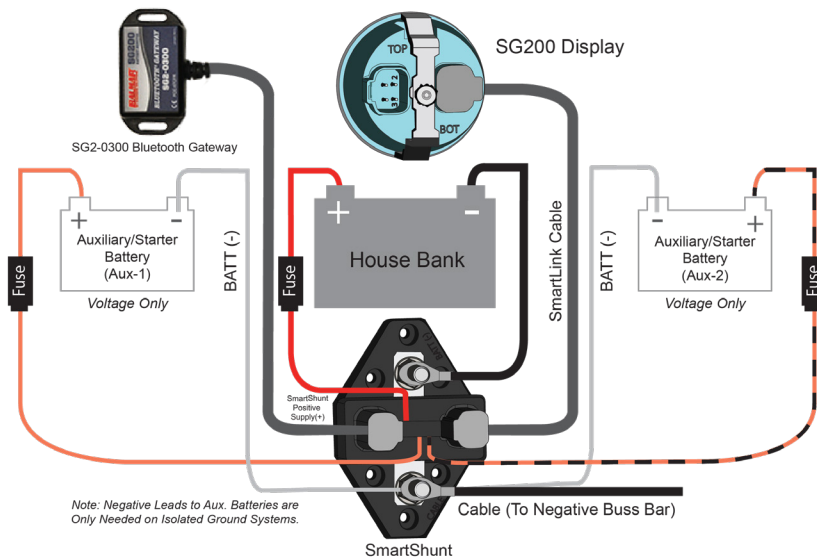


**Learn How Your Trolling Bank is Aging**  
**Eliminate On-Water Battery Surprises**

## SG200 Battery Monitor



State of Charge (SoC%)	State of Health (SoH%)	Charge/Discharge Amps	Time Remaining
97% accurate display of your battery's State of Charge after learning batteries.	Proprietary self-calibrating algorithm determines how your battery has aged from its original capacity.	Displays the real-time current flowing in or out of your house battery.	Time remaining until empty when discharging, or time remaining until full when charging.



- Shown here is the standard SG200 configuration wiring, including connections for two Aux/Start batteries.
- The SG210 includes the optional Bluetooth® Gateway in one package
- The SG205 includes the Bluetooth® Gateway, but does not include the 2" Color Display and is appropriate for users who want to monitor their batteries exclusively from the Balmar App.

Part Number	Description	Explanation / Includes
SG200	Battery Monitor Kit, 12V-48V	Standard Unit for Initial Purchase: Includes Color Display, SmartShunt, SmartLink Com Cable
SG205		Includes SmartShunt & Bluetooth® Gateway Only (No Color Display)
SG210	Battery Monitor Kit, 12V-48V, NMEA 2000	Includes Color Display, SmartShunt, Smartlink Com Cable, Bluetooth® Gateway
SG230		Includes N2K SmartShunt & Adapter Cable, Color Display, Com Cable, Bluetooth® Gateway
SG235		Includes N2K SmartShunt & Adapter Cable, Bluetooth® Gateway Only (No Color Display)
SG2-0100	SmartShunt, SG200, 350A, 12V-48V	Add a SmartShunt for Additional Bank: Includes SmartShunt and SmartLink Com Cable
SG2-0130	SmartShunt, SG230, 350A, 12V-48V	Add a N2K SmartShunt & Adapter Cable to Upgrade an Existing SG200 System
SG2-0200	Color Display, SG200, 2 1/16"	Add a Color Display to an existing SmartLink Network
SG2-0300	Gateway, SG200, Bluetooth®	Optional 39" Bluetooth® Gateway for Smartphone App
SG2-0400	Com Cable, SG200, 10m	Optional SmartLink Com Cable (10 meter) for Extensions and MC-618 Connection
SG2-0402	Mounting Plate, SG200	Mounting Adapter from SmartGauge™ to SG200 Display
SG2-0403	Com Cable, SG200, 5m	Optional SmartLink™ Com Cable (5 meter) for Extensions and MC-618 Regulator Connection
SG2-0404	Com Cable, SG200 & MC-618	Optional SmartLink™ Com Cable for MC-618 Regulator Connection
SG2-0405	Com Cable, SG230, NMEA 2000, 12"	Com Cable, SG230 (N2K) & SG240 (RV-C), M12 (DeviceNet), 12"
SG2-0408	Com Cable, 3-Way Adapter	Com Cable, SmartLink™ Connection Extender

**XT-Series Alternators  
For WakeBoat and Inboard Gas Applications**

- 170A & 250A in a Small Case Package
- Up to 180A at Idle Speeds
- Ideal for WakeBoat Electrical Loads
- Custom High-Speed Bearings for Long Life
- Dual Fan Cooling, High Airflow Frame
- USCG Title 33, ISO 8846 and SAE J1171 Certified



**170A Vortec Mount**



**250A Vortec Mount**



**XT-Series Alternators** were designed with WakeBoat applications specifically in mind. Over 60% of WakeBoat run times are at idle speed. Many high current electrical loads are engaged at idle, including ballast pumps, high-output stereo systems and multiple instrumentation loads. Standard alternators only produce about 30A-40A at idle speed, leaving these loads to be serviced by onboard batteries. Excessive draining causes battery sulfation and reduced lifetimes. Dealers report that AGM batteries which should last 5-7 years on these vessels are being replaced annually.

**XT-170 and XT-250 Alternators** produce over 120A and 180A, respectively at idle speed - ample power to service all electrical loads with power left over to top-off house batteries.

**XT-Series Alternators** pay for themselves in reduced battery replacement costs in just one year!

Available XT-Series mounting styles are drop-in compatible for WakeBoat and other GM Gasoline engine applications and include both 2" Single Foot (Delco 11Si Style) and Vortec (Delco 9Si Style) designs.

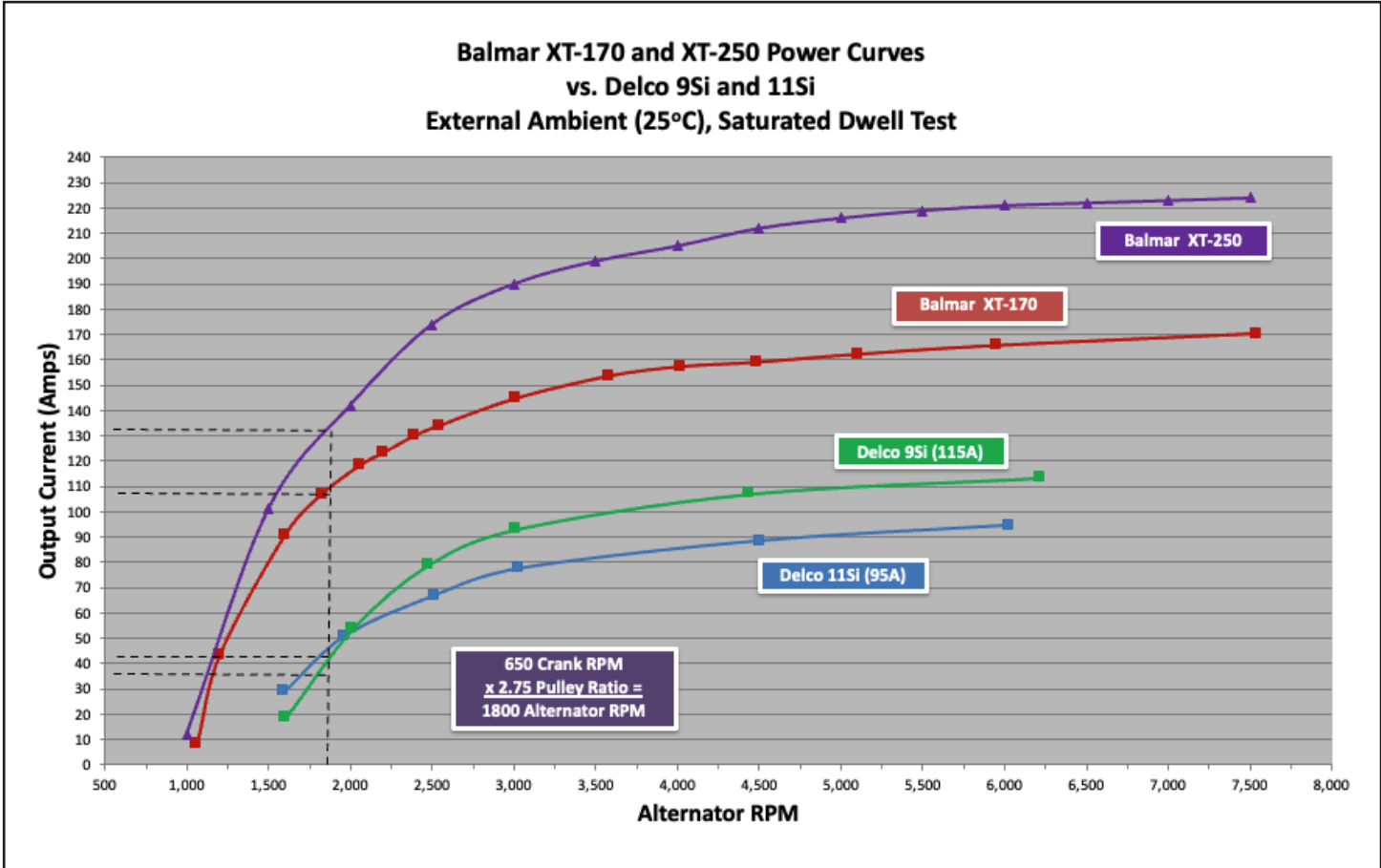
**Ordering Information:**

XT-Series Output	Power Take Off	Mounting	Alternator Part Number <sup>(1)</sup>	Standard Pulley
170A	5.2 HP	1-2" Single Foot (Case Grd)	XT-SF-170-IR	K6 (2.4" dia.)
		1-2" Single Foot (Iso Grd)	XT-SF-170-IR-IG	
		Vortec (Case Grd)	XT-VT-170-IR	
		Vortec (Iso Grd)	XT-VT-170-IR-IG	
250A	6.6 HP	1-2" Single Foot (Case Grd)	XT-SF-250-IR	K6 (2.4" dia.)
		Vortec (Case Grd)	XT-VT-250-IR	

<sup>(1)</sup> These Alternators contain single stage, internal regulators and are not appropriate for use with Balmar's multi-stage external regulators. Contact Balmar Tech Service for more details.

### Comparative Output Curves

Alternator output is dependent upon a number of factors: battery condition and capacity, wire size, engine horsepower and RPM, battery temperature and alternator temperature. Of these factors, alternator speed and temperature are most important. Test voltages are set at 14.0V.



### XT-Series Alternator Specifications

<b>Alternator Style:</b> Small Case, Internally Regulated	<b>Mounting Styles:</b> XT-VT Series: Vortec Style XT-SF Series: 1" or 2" Single Foot (Spindle)
<b>Regulation:</b> Internal N-Type	<b>Positive Output:</b> Threaded Stud Stud Dimensions: M8 x 1.25
<b>Cooling:</b> Dual Internal Fans	<b>Grounding:</b> Case Ground, Auxiliary Threaded Stud Dimensions: M6 x 1.00"
<b>Bearings:</b> Sealed, Motor Quality Bearings, Heavy Duty Radial (front & rear). 18,000 RPM Continuous Rating	<b>AC/Stator Output:</b> None
<b>Case Construction:</b> Ventilated Cast Aluminum	<b>Diodes +/-:</b> 6 Positive, 6 Negative; 50A Rated, 24V Avalanche
<b>Finish:</b> Red Power Coat	<b>Internal Voltage Regulation:</b> 14.5 Volts (12V systems)
<b>Tensioning Arm Mount:</b> XT-250 (not applicable) XT-170: Five Position Crown (3x: M8 x 1.25, 2x: 8mm)	<b>Cut-In RPM:</b> 170A: 1,150 rpm 250A: 1,350 rpm <b>Max Alternator RPM:</b> 18,000 rpm
<b>Mounting Foot Bore:</b> XT-VT-Series: 2x 10mm (3/8") XT-SF-Series 1 inch: 1/2", SF-Series 2 inch: 10mm (3/8")	<b>Normal Operating Temperature:</b> 180°F / 82°C <b>Max Operating Temperature:</b> 225°F / 108°C
<b>Ignition Protection Ratings:</b> USCG Title 33, SAE J1171, CE, ISO 8846	



**CDI Electronics®**

THE WORLD'S LEADING

# MARINE IGNITION SPECIALISTS

- **THE LARGEST SELECTION  
OF MARINE IGNITION COMPONENTS**
- **OVER 800 PARTS  
CURRENTLY IN PRODUCTION**
- **HIGH QUALITY  
COMPONENTS DESIGNED, MANUFACTURED  
AND TESTED IN THE U.S.A.**
- **TECHNICAL SUPPORT  
FOR QUICK DIAGNOSIS**



Please read carefully. All policies, procedures, and instructions are subject to change. This guide was prepared to provide information and does not constitute a contract. CDI Electronics reserves the right, without prior notice, to change, delete, supplement, or otherwise amend at any time the information and policies contained in this guide. For the most recent information about CDI Electronics' products, policies, and instructions please visit [www.cdielelectronics.com](http://www.cdielelectronics.com)

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CDI Electronics  
353 James Record Road SW  
Huntsville, AL 35824

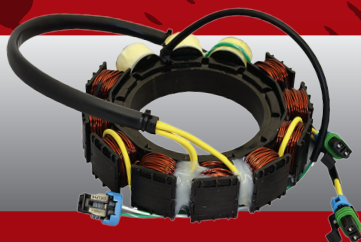
**Customer Service    Technical Support**  
**1.800.467.3371    1.866.423.4832**

[www.cdielelectronics.com](http://www.cdielelectronics.com)



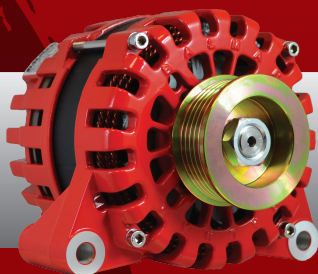
**CDI**  
Electronics®

**OUTBOARD  
IGNITIONS**



**INBOARD  
IGNITIONS**

**XT-170A  
ALTERNATORS**



**SG200 BATTERY  
MONITORING**

**DIAGNOSTIC  
TOOLS**

**M.E.D.S.**  
MARINE ENGINE DIAGNOSTIC SYSTEM



**2020 21**

**BETTER THAN THE OEM**

CAATTA.TOO

# WE'RE HERE TO *SERVE* YOU



CDI's Technical Support group can assist you with troubleshooting the most complex issue with outboard engines - the ignition system.

***LET THE EXPERTS HELP YOU BETTER  
SERVICE YOUR CUSTOMERS.***

**CONTACT CDI'S TECHNICAL  
SUPPORT TODAY!**

**1.866.423.4832**

or go to [cdielectronics.com](http://cdielectronics.com) to review and download installation instructions and troubleshooting information for all CDI products.

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## ABOUT CDI ELECTRONICS

For more than 30 years, CDI Electronics has provided value and lowest-cost-of-ownership to the pleasure marine and motor sports industry. Our commitment is to provide superior ignition and diagnostic solutions to engine users and manufacturers throughout the world. We also believe it is our duty to educate and train industry technicians to diagnose and install ignition products. Our products are designed and manufactured at our ISO 9001-Certified factory in Huntsville, Alabama.



## OUR VISION

To be the worldwide leader in electronic ignition components and diagnostics by providing value to our customer through superior design, quality, reliability, delivery, service and support.

**NEW**

**XT-Series Alternators  
For WakeBoat and Inboard Gas Applications**

- 170A in a Small Case Package
- Up to 110A at Idle Speeds
- Ideal for High Electrical Load Vessels
- Custom High Speed Bearings for Long Life
- Dual Fan Cooling, High Airflow Frame
- USCG Title 33, ISO 8846 and SAE J1171 Certified

**New** XT-Series Alternators from Balmar bring together the latest innovations in alternator design to deliver incredible charging power in a compact, Marine-friendly package.



**170A Single Foot (11Si)**

**170A Vortec Mount (9Si)**



**Advanced Braided Stator**



**Traditional S-Wound Stator**

The **New** XT-Series 170A Alternator family features a state-of-the-art, braided wire stator design to generate exceptional output in the smallest possible area. The XT-Series stator achieves an industry-best 85% copper windings density, compared to 70% density for hairpin stator windings and 45% density for traditional s-wound stators. This design achievement results in a more efficient alternator which provides more power at low RPM, higher overall power and cooler operation.

Available XT-Series mounting styles are drop-in compatible for WakeBoat and other GM gasoline engine applications and include both 2" Single Foot (Delco 11Si Style) and Vortec (Delco 9Si Style) designs.

Over 60% of WakeBoat run times are at idle speed. Many high current electrical loads are engaged at idle, including ballast pumps, high-output stereo systems and multiple instrumentation loads. Standard alternators only produce about 30A-40A at idle speed, leaving these loads to be serviced by onboard batteries. Excessive draining causes battery sulfation and reduced lifetimes. Dealers report that AGM batteries which should last 5-7 years on these vessels are being replaced annually. The XT-Series Alternator produces over 100A at idle speed – ample power to service all electrical loads with power left over to top-off house batteries. The XT-Series pays for itself in reduced battery replacement costs in just one year!

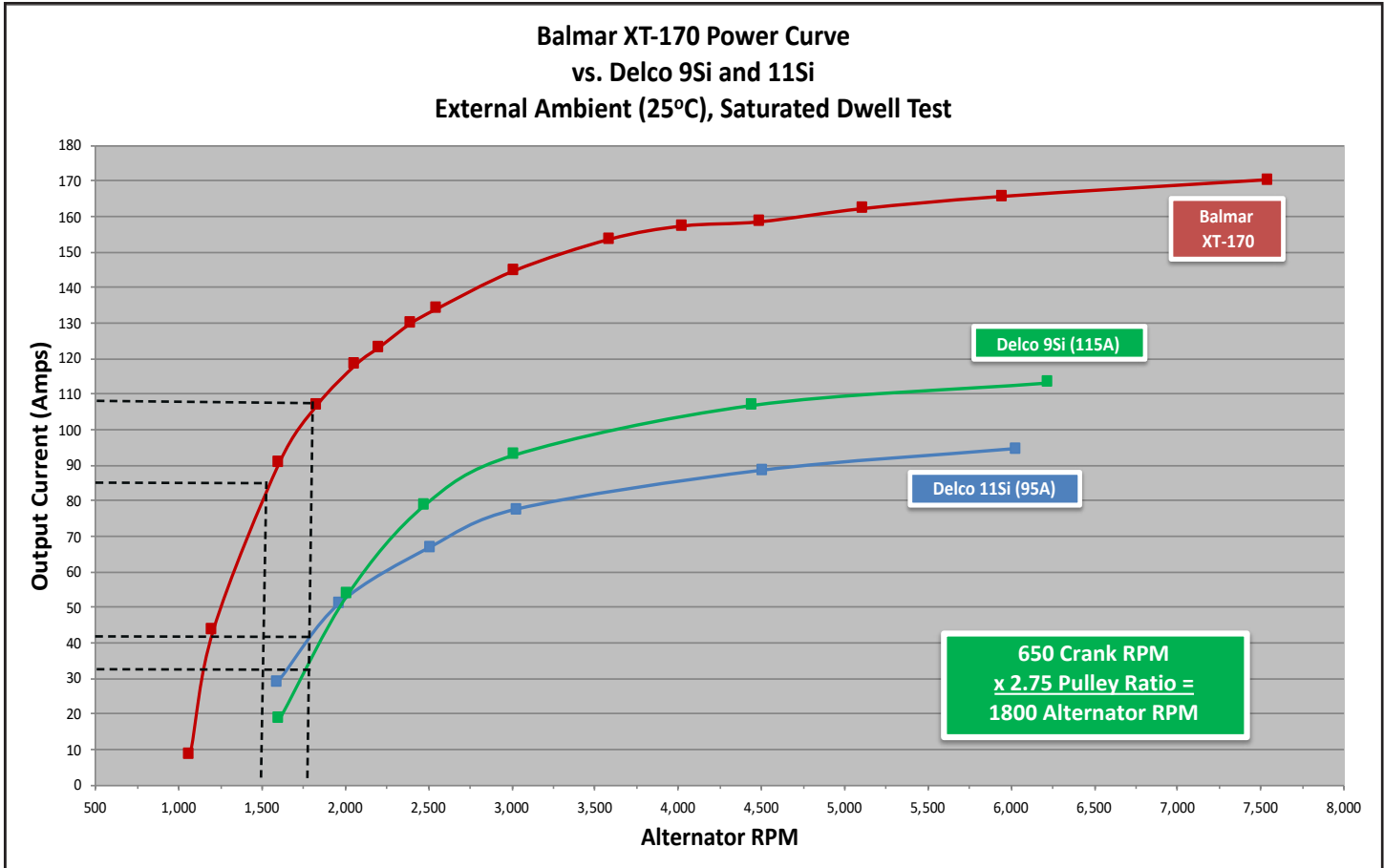
**Ordering Information:**

XT-Series Output	Power Take Off	Mounting	Alternator Part Number <sup>(1)</sup>	Standard Pulley
170 A	5.2 HP	1-2" Single Foot (11Si Typical)	XT-SF-170-IR	K6 (2.4" dia.)
		Vortec (9Si Typical)	XT-VT-170-IR	

<sup>(1)</sup> These Alternators contain single stage, internal regulators and are not appropriate for use with Balmar's multi-stage external regulators. Contact Balmar tech service for more details.

## Comparative Output Curves

Alternator output is dependent upon a number of factors: battery condition and capacity, wire size, engine horsepower and RPM, battery temperature and alternator temperature. Of these factors, alternator speed and temperature are most important. Test voltages are set at 14.0V.



## XT-Series Alternator Specifications

<b>Alternator Style:</b> Small Case, Internally Regulated	<b>Mounting Styles:</b> XT-VT Series: Vortec Style XT-SF Series: 1" or 2" Single Foot (Spindle)
<b>Regulation:</b> Internal N-Type	
<b>Cooling:</b> Dual Internal Fans	<b>Positive Output:</b> Threaded Stud Stud Dimensions: M8 x 1.25
<b>Bearings:</b> Sealed, Motor Quality Bearings, Heavy Duty Radial (front & rear). 18,000 RPM Continuous Rating	<b>Grounding:</b> Case Ground, Auxiliary Threaded Stud Dimensions: M6 x 1.00"
<b>Case Construction:</b> Ventilated Cast Aluminum	<b>AC/Stator Output:</b> None
<b>Finish:</b> Red Power Coat	<b>Diodes +/-:</b> 6 Positive, 6 Negative; 50A Rated, 24V Avalanche
<b>Tensioning Arm Mount:</b> XT-SF Series: Five Position Crown (3x: M8 x 1.25, 2x: 8mm)	<b>Internal Voltage Regulation:</b> 14.7 Volts (12V systems)
<b>Mounting Foot Bore:</b> XT-VT-Series: 2x 10mm (3/8") XT-SF-Series 1 inch: 1/2", SF-Series 2 inch: 10mm (3/8")	<b>Low RPM Cut-In:</b> 1,300 Alternator RPM Max <b>Max Alternator RPM:</b> 18,000 rpm
<b>Ignition Protection Ratings:</b> USCG Title 33, SAE J1171, CE, ISO 8846	<b>Normal Operating Temperature:</b> 180°F / 82°C <b>Max Operating Temperature:</b> 225°F / 108°C



## SG200 Battery Monitor

### Balmar's Expandable, Next Generation Monitor

#### Learns & Displays All Critical Battery Parameters

- State of Charge (SoC%)
- State of Health (SoH%)
- Charge/Discharge Current Flow
- Time Remaining
- History, Faults & Alerts

#### Support for All Common Battery Chemistries & Voltages

- Including Lead Acid, Lithium (LiFePO<sub>4</sub>), Standard AGM, TPPL AGM, Carbon Foam AGM, and GEL Batteries
- Supports 12V-48V Battery Banks

#### Intelligent, Self-Calibrating Accuracy

- Typically 97% Accurate within 2 Cycles
- Auto-Calibrating
- Does not Lose Accuracy With Age

#### Large, Bright Color Display

- Sunlight Readable, Configurable & Dimmable
- 60 Degree Viewing Angle
- Fits in Standard 2 1/16" Gauge Socket

#### Expandable Architecture

- Supports Multiple Displays (Optional)
- Supports Multiple Battery Banks (Optional)
- Standard Support for 2 Start Batteries (Voltage Only)
- Simple, Easy-to-Install Point-to-Point Network

#### Optional Smartphone/Bluetooth® Gateway

- Free iOS and Android Apps (Requires Bluetooth® Gateway PN SG2-0300)
- View All Parameters on your Phone
- Download Product Updates

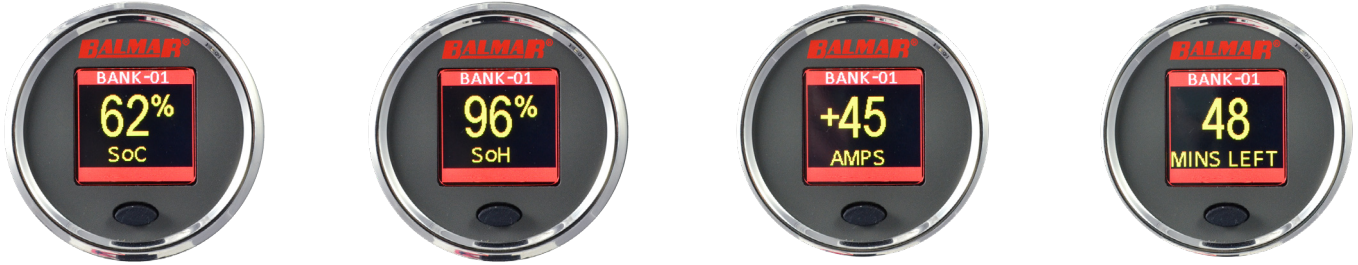
**SG2-0200****SG2-0100**

Balmar has applied recent technology advances to introduce a next generation battery monitor. The SG200 is quite simply the most accurate battery monitor available today. Balmar has combined the best features of its 1st generation Smartgauge™ with many advantages of a shunt-based amp-hour counting system. Further, we've designed a device architecture which facilitates multiple Displays or multiple SmartShunts to be added to the network – allowing the boater to monitor multiple energy storage banks simultaneously from multiple locations.

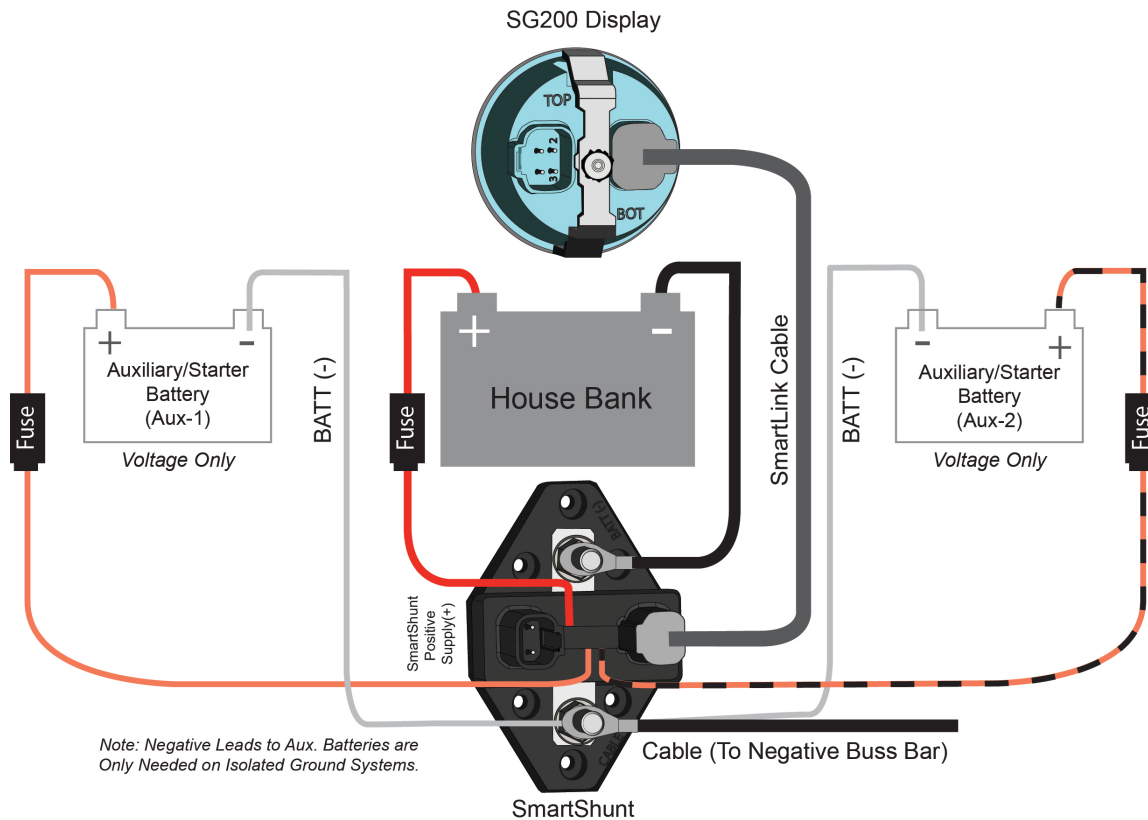
In addition, the SG200 Color Display is easy to read, configurable and fits any standard 2 1/16" gauge socket. Now you can determine your battery's condition from anywhere on the vessel or vehicle with multiple displays, or simply add the optional Bluetooth® Smartphone App to keep information in your pocket!



## SG200 Battery Monitor

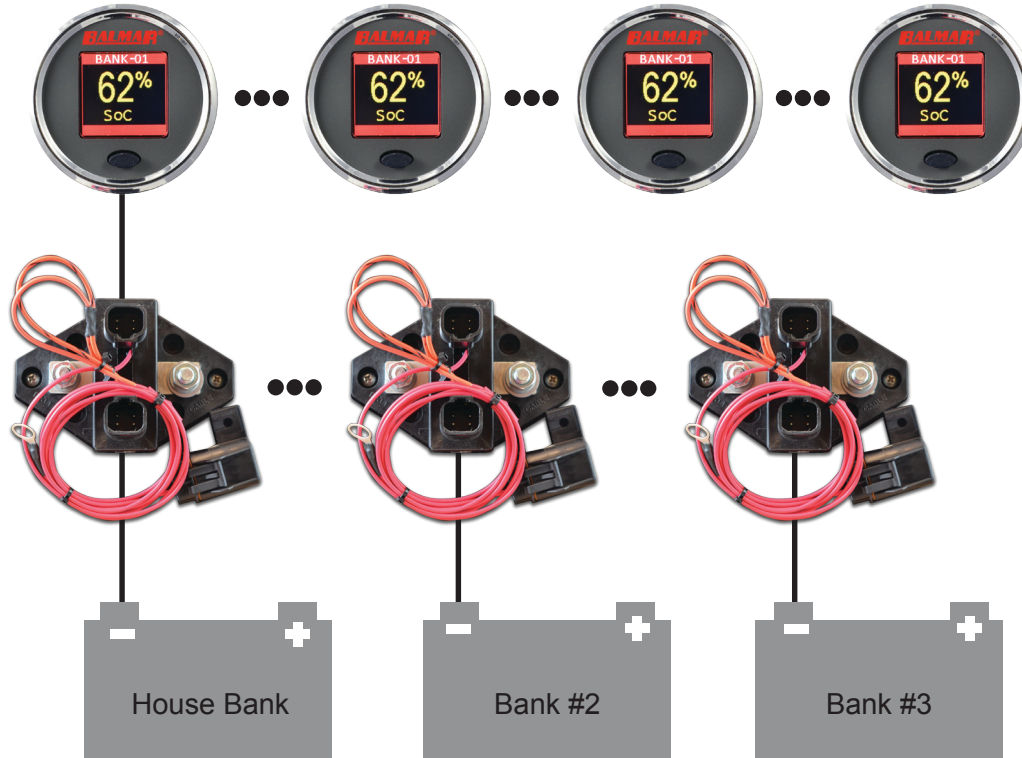


State of Charge (SoC%)	State of Health (SoH%)	Charge/Discharge Amps	Time Remaining
Accurate display of your battery's State of Charge after just two discharge cycles.	Proprietary self-calibrating algorithm determines how your battery has aged from its original capacity.	Displays the real-time current flowing in or out of your house battery.	Time remaining until empty when discharging, or time remaining until full when charging.



Part Number	Description	Explanation / Includes
SG200	Battery Monitor Kit, 12V-48V	Standard Unit for Initial Purchase: Includes Color Display, SmartShunt, SmartLink Com Cable
SG2-0100	SmartShunt, SG200, 350A, 12V-48V	Add a SmartShunt for Additional Bank: Includes SmartShunt and SmartLink Com Cable
SG2-0200	Color Display, SG200, 2 1/16"	Add a Color Display to an existing SmartLink Network
SG2-0300	Gateway, SG200, Bluetooth®	Optional 39" Bluetooth® Gateway for Smartphone App
SG2-0400	Com Cable, SG200, 10m	Optional SmartLink Com Cable (10 meter) for Longer Cable Runs
SG2-0402	Mounting Plate, SG200	Mounting Adapter from SmartGauge™ to SG200 Display

**SG200 Battery Monitor**  
Balmar's Expandable, Next Generation Monitor



- **Build your own battery monitoring network!**
- **Add Color Displays for viewing data in different locations.**
- **All battery information can be displayed anywhere on the SmartLink network.**
- **For additional flexibility, purchase the optional Bluetooth® Gateway and download Balmar's Smartphone App.**
- **Add SmartShunts if you have multiple banks.**
  - **Stern Thruster**
  - **Bow Thruster**
  - **House Bank #2**

1. **Intelligent, Self-Calibrating Accuracy:** The SG200 quickly adapts to the specific characteristics of your battery and maintains accuracy over the life of your battery.
2. **No Synchronization:** SG200 does not drift in accuracy with multiple Partial State of Charge (PSoC) cycles. Synchronization is not needed to ensure the SG200 is accurate!
3. **Revolutionary State of Health (SoH%):** All batteries age, diminishing in capacity over time. The SG200 accounts for aging factors to determine State of Health (SoH) as a percentage of the battery's original capacity. The SG200 also adjusts for changes in battery capacity to account for aging. This means that you no longer run into the real, inevitable problem of discharging batteries below a safe State of Charge before charging. Many battery owners think they are treating their batteries well, but are unaware they are chronically discharging the batteries beyond a point which causes "sulfation" and significantly shortens battery life and capacity.
4. **Works With all Major Battery Types:** Charge profiles are characterized for Standard Lead Acid, Lithium (LiFePO<sub>4</sub>), Standard AGM, Thin Plate Pure Lead AGM (TPPL), Carbon Foam AGM and GEL batteries.
5. **Embedded History, Faults & Alerts:** Provides a complete picture of your dual purpose battery system.

History	Alerts (User Defined)	Faults (System Defined)
Min / Max SoC%	Min / Max SoC%	Over Current
Min / Max Current	Min / Max Current	Over Voltage
Min / Max SoH%	Min / Max SoH%	Under Voltage
Min / Max Voltage	Min / Max Voltage	Low SoC%
Min / Max Power	Min / Max Aux-1 & Aux-2 Voltage	-

## SG200 Battery Monitor

The SG200 solves a number of traditional weaknesses found in battery monitors. For example, have you ever heard the following?

- **I know my batteries are in good shape, I never discharge my batteries below 50% State of Charge (SoC%).**

If you are using a traditional amp-hour meter, there are weaknesses in current technology which could be a problem. There are two issues that may make the SoC% reading on your traditional battery monitor inaccurate.

1. Batteries age and lose capacity over time. When the capacity of your batteries diminish due to aging, the SoC% reading on a traditional meter is going to be higher than is actually the case. In other words, a traditional amp-hour meter only counts amps – which means as your battery ages and the available amps decrease, your amp-hour meter doesn't know it! This condition could send your battery unwittingly into the sulfation zone and shorten its life more rapidly.
2. If you are not fully charging your batteries on a daily basis, the State of Charge reading will drift in value, and become increasingly inaccurate. The more partial charge cycles (PSoC) occurring between full charge cycles with traditional battery monitor, the bigger the measurement drift.

The effect of these two problems is that batteries can die a premature death because of inaccurate monitoring. The SG200 minimizes these issues by compensating for the inherent aging affects of the battery and partial cycles.

- **My batteries are in great shape, because they are only two years old.**

Prior to Balmar's introduction of the SG200, the only way to know the accurate condition of a battery would be to do a controlled, 20-hour discharge test. Few people have the time or inclination to make that investment, so it is rarely accomplished.

SG200 can show you an accurate State of Health (SoH%). If your batteries are failing, you will know it before a battery failure ruins your boating day. Our SoH% calculations are chemistry-specific and comprehensive learning your battery over time to return the most accurate measurements available today. The SG200 gets more accurate, (not less) with time.

## SG200 Specifications

<b>Standard Configuration:</b>	1 Bank per SmartShunt Device 2 Start/Auxiliary Voltage Sense Lines (Up to 32 devices including Displays and SmartShunts can be added to a single network.)	<b>Display Values:</b>	State of Charge (SoC%) State of Health (SoH%) Voltage (V) Charge/Discharge Current (A) Time Remaining (Hrs) History, Faults & Alerts (Consult User Manual)
<b>Supply Voltage Range:</b>	8V - 60V DC	<b>Max Ah Capacity:</b>	1250 Ah (per SmartShunt)
<b>Average Supply Current:</b>	Display On: 20 mA @12V Sleep Mode: 10 mA @12V	<b>Communications Cable:</b>	4 wire, 22 AWG, Shielded 4 pin Deutsch DT Style
<b>SmartShunt Operating Temperature:</b>	-40°C - +85°C (-40°F - +185°F)	<b>Grounding:</b>	Negative Battery Connection
<b>SmartShunt Max Current:</b>	600A Instantaneous (10 minutes @ ambient) 350A Continuous (For Higher Currents Consult User Manual)	<b>SmartShunt Dimensions:</b>	Length: 4.87" (123.7 mm) Width: 3.34" (84.8 mm) Height: 2.01" (50.9 mm)
<b>Weight:</b>	SmartShunt: 0.62lbs Color Display: 0.16lbs	<b>Color Display Dimensions:</b>	Bezel Diameter: 2.37" (60 mm) Base Diameter: 2.05" (52 mm) Depth with Cable Attached: 2.75" (70 mm)
<b>Standards Compliance:</b>	CE EMC Directive 2014/30/EU RoHS 2 Directive 2011/65/EU	<b>Protection Rating:</b>	IP65 (Display), IP67 (SmartShunt)





## CDI's Next Generation RGB Controller Eliminates Excessive RGB Wiring Costs

**CDI's New RGB Controller (patent pending) sends the RGB Signal Down the Power Wire and Decodes it at the Light Source.**

***Now you can convert any existing powered light to RGB or RGBW without re-wiring the vessel!***

### Multiple Color Sets

- Coordinate Colors with Your Vessel's Color Scheme
- Quickly Sweep Through Available Colors

### USCG Rule 20(b) & ABYC Compliant

- Excludes Navigation and Police Colors

### 2-Way Momentary Rocker Switch for Color Selection

- Select the Switch Style that Matches Your Helm (switch not included)
- Intensity (Dimming) and Color Settings Memory

### Plenty of Power to Light the Vessel

- 12A Maximum Current per Zone
- 4A Maximum Current per Node
- 1-Zone and 2-Zone Units Available in Compact Transmitter Case

### 2-Zone, 2-Switch Option for Differential Color Selection

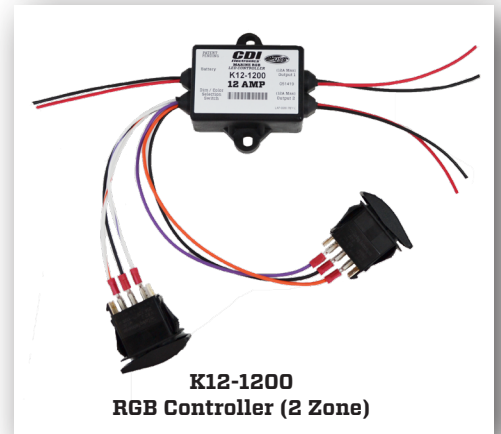
- Mix and Match Colors Simultaneously

### Hassle Free Installation and Support

- Deploy RGB with Your Existing Wiring Harness
- Potted Controller Unit for Marine Environment
- Noise Protected Design



**K12-1100  
RGB Controller (1 Zone)**



**K12-1200  
RGB Controller (2 Zone)**

### Specifications

<b>Color Selection Options:</b> 10 Color Sets	<b>Controller Dimensions:</b> Length: 3.03" Width: 2.15" (Case Only), 2.81" (Hole-to-Hole) Height: 1.26" 2 Mounting Holes: #10 or #12 Screws
<b>Intensity Options:</b> 100%, 60%, 20%, Off	
<b>Controller Input:</b> 12V - 14.7V	<b>Controller Wire Lengths:</b> Power Input: 5.0" Signal/Power Output: 5.0" Switch Leads: 10.0"
<b>Controller Output:</b> 12A per Zone	<b>Receiver Node Wire Lengths:</b> Signal/Power Input: 4.0" Light Outputs (4 ea.): 4.0"
<b>Receiver Node Max Load:</b> 4A Max	
<b>Short Circuit Protected</b>	

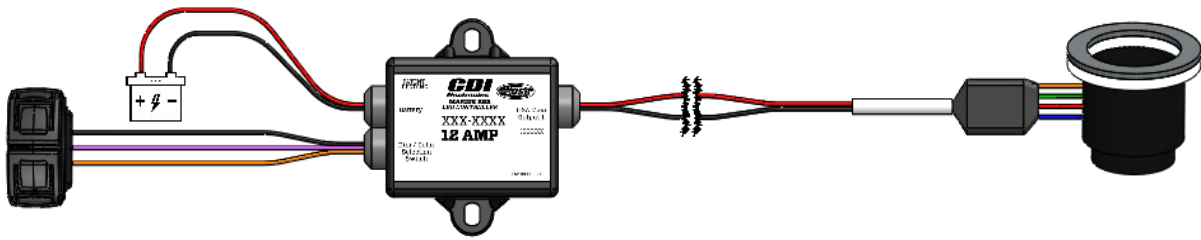


**K12-1000  
RGB Receiver Node**



## Upgrade Your Boat With RGB Lights

**CDI Electronics has introduced components to upgrade your vessel with multi-color (RGB) lights. The use of LED lighting is exploding on new boats; now you can add this attractive accent feature to your existing vessel with lighted cups, an RGB controller under the helm and a rocker switch on your dash.**



### LED Beverage Holders



K11-0100

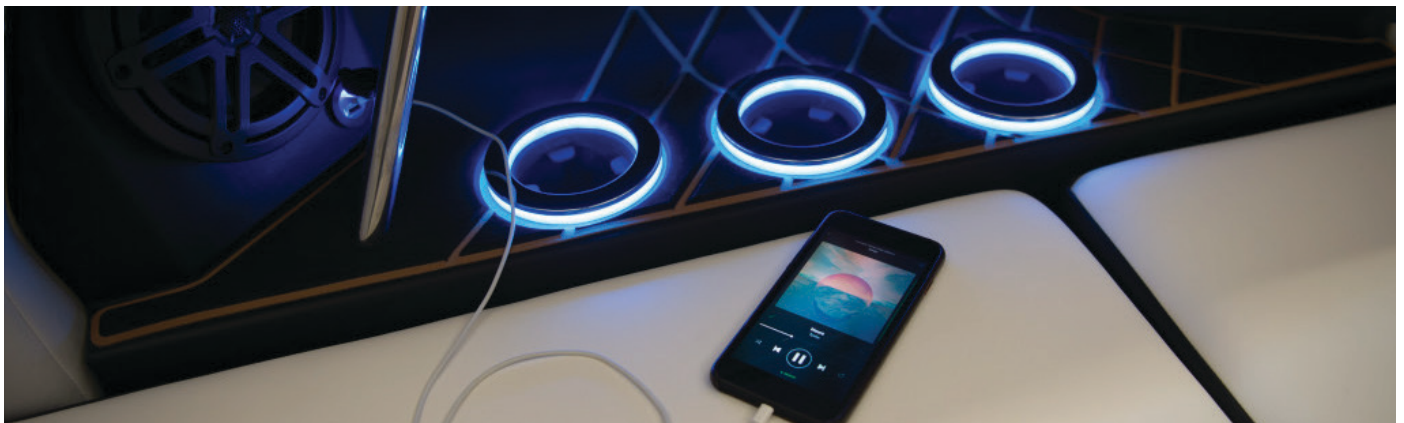
The K11-0100 is a Stainless Steel Beverage Holder with an LED Ring. It is a low cost, high quality option for lighting.



K11-0101

The K11-0101 is a Durable Acrylic Beverage Holder with an LED ring that produces a uniform glow inside and outside the beverage holder.

- Low Amperage ( $\leq 0.5A$  per cup)
- Produces smooth, even lighting
- Uses three-phase drain system
- Easy to install
- SST trim ring mutes light to protect eyes
- Attaches with a double-stick gasket

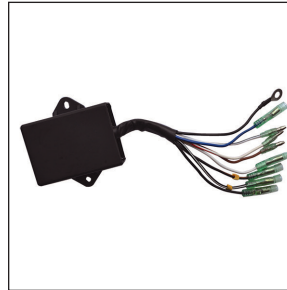




### 117-0008 CDI Unit Assembly 2 Cyl. Yamaha

1988-2002 (3HP)

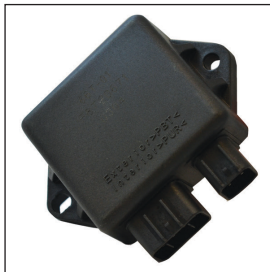
**Replaces**  
6L5-85540-M0-00



### 117-0009 CDI Unit Assembly 2 Cyl. Yamaha

1991-1997 (C30HP)

**Replaces**  
61N-85540-10-00, 61N-85540-11-00,  
61N-85540-13-00



### 117-0010 Ignition Pack 2 Cyl. Yamaha Enduro

1998-2017 (40HP)

**Replaces**  
66T-85540-01-00



### 118-0002 CDI Unit Assembly 1 Cyl. Suzuki

1976-2003 (8 & 9.8HP) 2-Stroke

**Replaces**  
DT20 / DT25 / DT30G-Y (1986-00)  
DT25 / DT30K1-K2 (2001-02)  
International



### 119-0003 CD Ignition Unit Tohatsu and Nissan

1976-2003 (8 & 9.8HP) 2-Stroke

**Replaces**  
F8T11073/7Y27, 3B2-061601M



### 130-0001 Knock Sensor Honda

**Replaces**  
30530-PPL-A01



### 137-0003 Pulser Coil 2 Cyl. Yamaha Enduro

1998-2017 (40HP)

**Replaces**  
66T-85580-00-00



### 177-0012 Charge Coil 2 Cyl. Yamaha Enduro

1998-2017 (40HP)

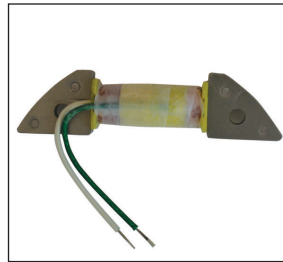
**Replaces**  
66T-85520-00-00



**177-0013**  
Lighting Coil 2 Cyl.  
Yamaha Enduro

1998-2017 (40HP)

**Replaces**  
66T-85533-00-00



**178-0003**  
Charge Coil 2 Cyl.  
Suzuki

1988-1989 (35HP) 1984-1998 (40HP)

**Replaces**  
32140-94400



**180-0001**  
Ignition Coil  
Honda

2004-2007 (135 & 150HP)

**Replaces**  
30520-PNA-007



**180-0002**  
Ignition Coil  
Honda

2007 & UP (75 & 90HP))

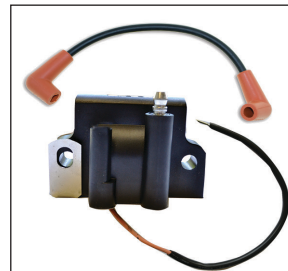
**Replaces**  
30520-PWC-003



**183-0002**  
Ignition Coil  
Johnson Evinrude

Negative Polarity

**Replaces**



**183-0003**  
Ignition Coil, 2/3/4/6 Cyl.  
Johnson Evinrude

1977-1984 (4-60HP - 2 Cyl.) 1979-1984 (65-75HP - 3 Cyl.) 1978-1984 (85-140HP - 4 Cyl.) 1979-1984 (150-235 - 6 Cyl.) Cross Flow Engines

Positive Polarity

**Replaces**  
581686, 584561, 582106, 581997, 581998, 581862, 582366, 582330



**184-0002**  
Pencil Coil 4/6 Cyl.  
Mercury Verado

2004-2018 (75,80,90,100,115,135,150, 200,225,250,275,300,350 & 400HP)

**Replaces**  
880615T01, 8M0039809, 8M6002327



**184-0005**  
Ignition Coil 6 Cyl.  
Mercury Optimax

1998-2006 (135,200,225,250 & 300HP)

**Replaces**  
339-850227, 339-856991, 339-856991A1



**184-0006**  
**Ignition Coil**  
**Mercury, Mariner**

1970-2006 (6-25HP - 2 Cyl.)

**Replaces**  
Same Replaces Data as 184-0001

Only required for coils with through hole mounting.



**187-0011**  
**Ignition Coil 2 Cyl.**  
**Yamaha Enduro**

1998-2017 (40HP)

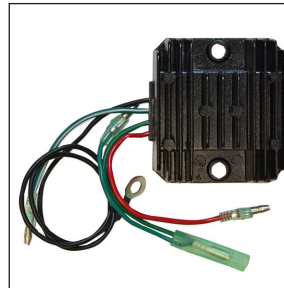
**Replaces**  
66T-85570-00-00



**194-0001**  
**Voltage Regulator,**  
**4 Cyl. Mercury, Mariner**

75-115HP (4-stroke) Mercury Engines  
50-90HP (2005-2006) 115HP (2000-2006)  
(4-stroke) Yamaha Engines

**Replaces**  
881346T, 68V-81960-00-00,  
6D3-81960-00-00



**197-0002**  
**Voltage Regulator 3/4 Cyl.**  
**Yamaha**

1997-2000 (75 & 80HP) 1994-1999  
(90HP) 1997-2001(90 & 115HP)

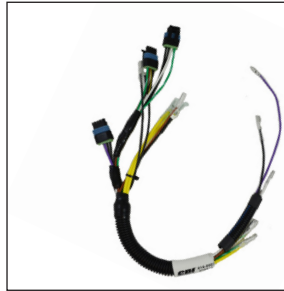
**Replaces**  
6H0-81960-00-00



**414-0002**  
**Wiring Harness 4 Cyl.**  
**Mercury, Mariner**

1996-2006 (80HP) 1996-2000 (100HP)  
1996-2000 (115HP) 1996-2006 (125HP)  
(1996-2006)

**Replaces**  
84-850045A 2



**414-0003**  
**Wiring Harness 3 Cyl.**  
**Mercury, Mariner**

1996-2006 (65HP) 1996-2006 (75HP)  
1996-2006 (90HP)

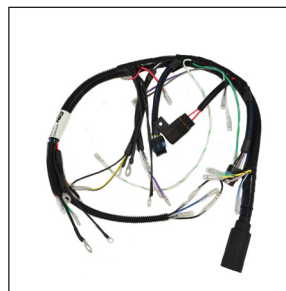
**Replaces**  
84-850046A 2



**414-0004**  
**Wiring Harness 3 Cyl.**  
**Mercury, Mariner**

1998-2001 (30HP Jet) 2002-2005 (40HP Jet)  
1997-2005 (40HP) 1998-2001 (40HP)  
1998-2005 (50HP Jet) 1998-2007 (55HP)  
1998-2007 (60HP)

**Replaces**  
84-850221A 2



**414-0005**  
**Wiring Harness 2 Cyl.**  
**Mercury, Mariner**

1999-2006 (30HP) 1996-2005 (40HP)

**Replaces**  
84-854322A 2



**414-0006**  
**Wiring Harness 2 Cyl.**  
**Mercury, Mariner**

2000 (30HP) 2000-2005 (40HP)

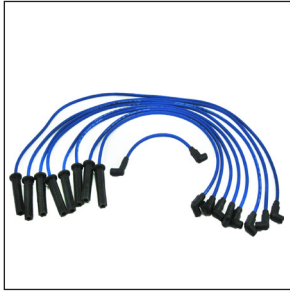
**Replaces**  
84-854323A 2



**414-0007**  
**Wiring Harness 6 Cyl.**  
**Mercury, Mariner**

2000-2007 (135HP) 2000-2007 (140HP Jet)  
2000-2007 (150HP) 2000-2007 (175HP)  
2000-2005 (200HP)

**Replaces**  
84-857167T 1



**631-0009**  
**Spark Plug Wire Set**

Spark Plug Wires, Qty. 8  
1989-1998 Crusader GM Big Block  
Engines with 180° Spark Plug Boot and  
90° Distributor End Boot



**631-0027**  
**Volvo Penta 4 Cyl.**  
**Spark Plug Wire Set**

(4 Cyl) Conventional Ignition, Volvo  
Penta Stern Drives

**Replaces**  
18-8813-1, 631-0027, 875571

**High Performance**  
**Optimax Spark Plug Wire Sets**

2004-2008 (75,90,115 PRO XS, & 125HP - 3 Cyl. DFI) 2008 - Up (200-250 DFI, 200 JET & 200 XS) 2002-2008 (30 & 40HP - 3 Cyl.) (EFI, 50 & 60HP - 4 Cyl. 4-Stroke EFI) SCI Racing Sterndrive (600,662,700,850,1025,1075,1200) (1100 & 1250 QC4V) (240HP SportJet)2002-2004 (200-250HP EFI, 3.0L - 6 Cyl. DFI)

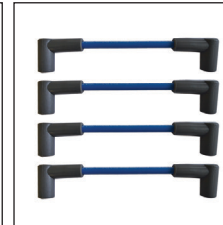
**Replaces**

339-879984T00, 879984T01, 300-879984T01, 300-8M0077471,  
339-879984A1

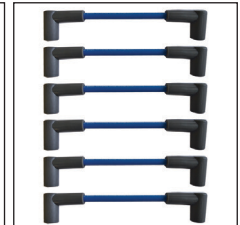
**934-0002**  
Qty. 3



**934-0003**  
Qty. 4

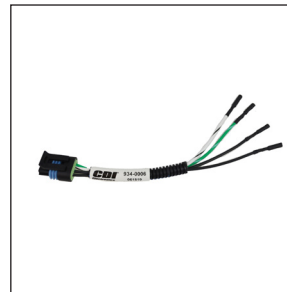


**934-0004**  
Qty. 6



**934-0005**  
**Pigtail Harness**  
**3/4/6 Cyl.**  
**Mercury, Mariner**

All Optimax Engines with  
5 pin Ignition Coils



**934-0006**  
**Pigtail Harness**  
**2/3/4/6 Cyl.**  
**Mercury, Mariner**

1996-2007 (30HP-200HP CDM Engines)

**New Switching Regulators**  
**Are Your Batteries Blowing Up?**



Many regulators from the 1980-1990's were not designed for maintenance free batteries. These regulators supply current to the battery even when it is fully charged. This was not a problem for flooded batteries, as the battery water would boil off the extra energy. For maintenance free batteries the extra current causes a failure.

**CDI Has the Answer: Switching Regulators**

CDI has redesigned 15 regulators to "switch off" the current when the battery is full. These new regulators are safe to use with maintenance free batteries.

**Try These Regulators Today and Save Your Batteries!**

<u>Johnson/Evinrude</u>	<u>Mercury</u>	<u>Mer cruiser</u>
193-3689 Page 38	194-1873 Page 93	194-9502 Page 91
193-4093 Page 38	194-2115K 1 Page 93	
193-4641 Page 38	194-5279 Page 90	<u>Yamaha</u>
193-4847 Page 39	194-5279R Page 91	197-6G5-A0 Page 119
193-4890 Page 39	194-8736K 1 Page 91	
193-5204 Page 39	194-8825K 1 Page 91	
193-6048 Page 39		



## WHAT IS M.E.D.S.?

M.E.D.S. is an easy-to-use, yet sophisticated software program specifically designed for troubleshooting multiple marine engines.

Using M.E.D.S. you can easily collect engine data, determine active faults, run engine tests and efficiently diagnose problems.

- Reduce Debug Time
- Improve Diagnostic Accuracy
- Print Pre-Packaged Diagnostic Reports
- Make More Money for Your Shop



## Portable, Simple-to-Use Interface

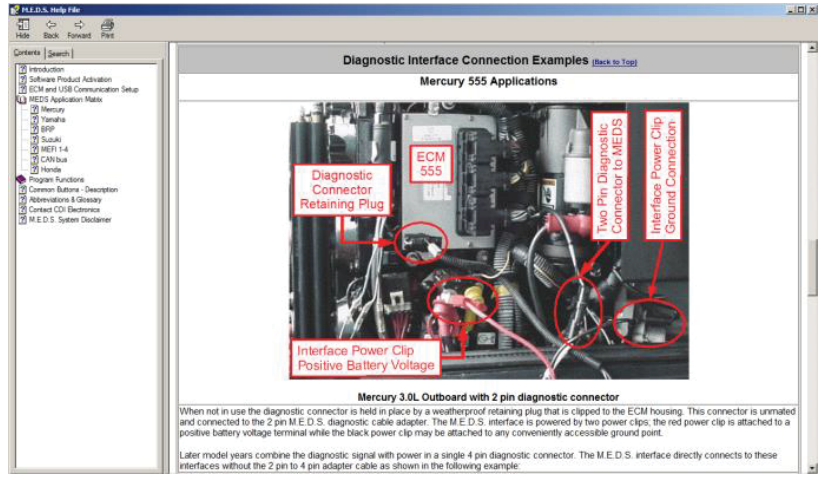
M.E.D.S. works on any PC, Laptop or Tablet running Windows 7, 8.1 or 10. Choose the device(s) that work best for you!

M.E.D.S. can be loaded on multiple machines. Use a laptop in the shop and a tablet at the dock!

## Navigate Anywhere in M.E.D.S. with a Single Click

The Menu Tree is always on the screen, allowing you to get the information you need quickly and easily.

M.E.D.S. automatically recognizes the engine you are connecting to and instantly accesses all the history data stored in the ECU and diagnostic programs available for that engine model.



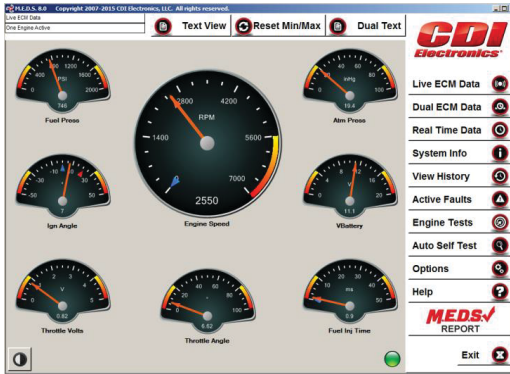
## Integrated, Easy-to-Use Help Menu

M.E.D.S. Help is available with a single click, showing the ECM location, how to connect, explaining diagnostic hints, a glossary of terms, and much more!

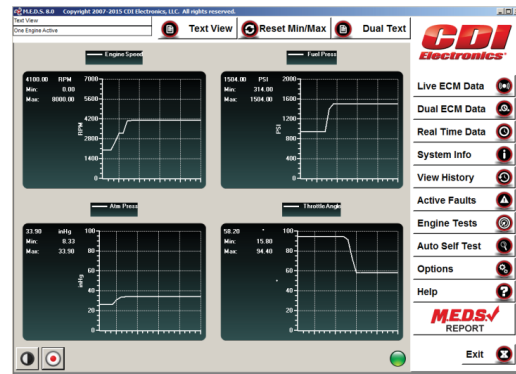
There is no need to set up a second app for your help files ***M.E.D.S. Help is Fully Integrated!***

### Collect and Save Real-Time Data

The M.E.D.S. Dashboard is configurable to view parameters that are important for your needs. You can view, record and save real-time data to files for comparative analyses.



*Configure the gauges you want to see on your Dashboard with a simple "right click"*



*Track data on multiple parameters in real time and record them to a data file for viewing later.*



VIEW A LIVE ON-LINE DEMONSTRATION via GoToMeeting®

**You wouldn't buy a car without a test drive, so why not take M.E.D.S. out for a spin to see what it will do?**

### Scheduling a LIVE Demo is Simple!

1. Call CDI at (800) 467-3371 to set up an appointment.
2. You will receive an invitation (via email) with all of the log-in information necessary to participate in the event.
3. Invite your colleagues! The demo can handle up to 25 simultaneous viewers.
4. All you need is an Internet Connection and a Phone.
5. Log-on using the link provided at the appointed time and view the LIVE M.E.D.S. Demonstration.
6. You will see M.E.D.S. operate while hooked-up to the engine of your choice. We can also run the demo on more than one engine type.
7. Ask all the questions you can muster – put us through our paces!







MAKE MONEY WITH M.E.D.S.

## USE THE M.E.D.S. Check Report to Generate Revenue

The M.E.D.S. Check Report is a customizable and comprehensive diagnostic and engine history report.

In just a few seconds, you can download all the information stored in an ECU and present the data in a customized, professional manner for your customer.

Charge a Diagnostic Fee to Run a M.E.D.S. Check Report. Use M.E.D.S. Check at:

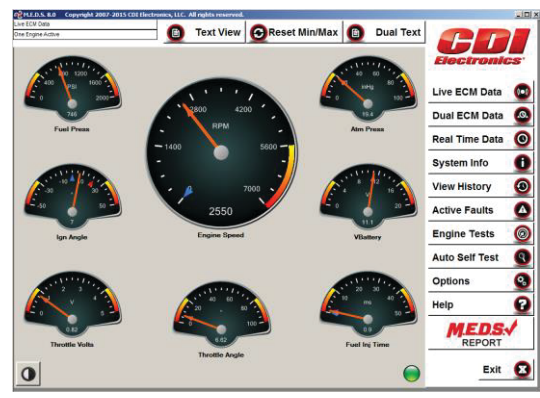
- Spring Fit Out
- Fall Winterization
- All Service Inspections
- Rentals, Trade-Ins & Used Boat Sales

M.E.D.S. Check allows you to generate revenue even when nothing is wrong with an engine.

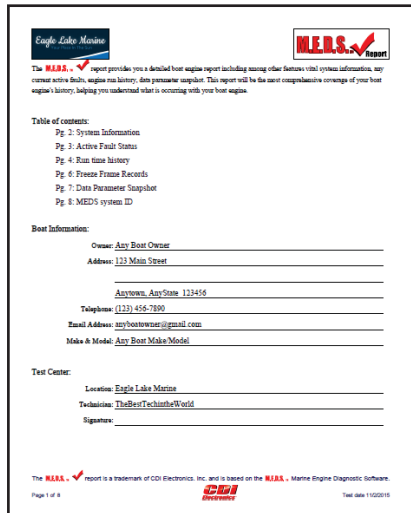
Use M.E.D.S. Check to identify problems before your customer experiences an emergency on the water.

The M.E.D.S. Check Report includes:

- Engine ECU System Information
- Active Fault Codes
- Fault History
- Run Time History (by RPM Range)
- Freeze Frame Records
- M.E.D.S. System Information



### M.E.D.S. Check Runs with a Single Click from the Main Menu



In about 20-30 seconds a multi-page, customized report is produced that you can sign, print, save and email as required.

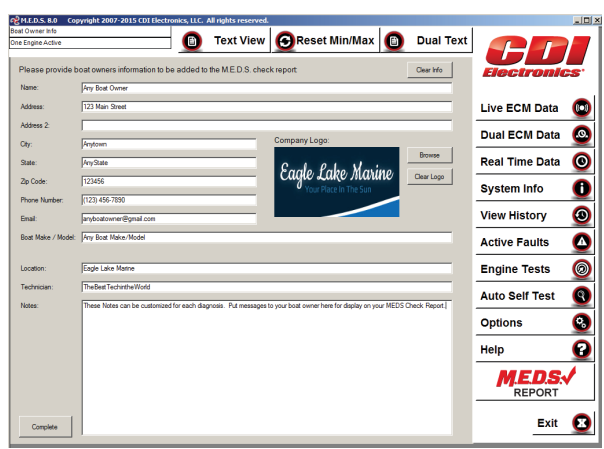
### Customize your M.E.D.S. Check Report by placing your Company Logo on Each Report:

These features add professionalism to your operation and provides your customers with confidence to know their mechanic is using up-to-date, industry standard tools.

### Mechanics are Using M.E.D.S. Check to Make Money!

We are getting some really positive feedback by providing the M.E.D.S. Check Reports to our customers...  
**- Repair Technician - Carlsbad, CA**

I have made more money for my service shop with M.E.D.S. in one year than the last five years combined....  
**-Marine Repair Shop Owner**



Option 1: Buy an Individual Platform

Option 2: Buy a M.E.D.S. Bundle and Save \$100 on Each Addition

Option 3: Mix and Match Platforms for Your Shop's Specific Needs<sup>(1)</sup>

### Ordering Options

#### Option 1: M.E.D.S. Individual Platforms

Engine Platform	Purchased Individually	Purchased as an Add-On / Upgrade <sup>(2)</sup>
Mercury (w/o G3)	531-0118M	531-0119M
Mercury (Including G3)	531-0118M2	531-0119M2
Yamaha	531-0118Y	531-0119Y
J/E	531-0118B	531-0119B
Suzuki	531-0118S	531-0119S
Honda / Tohatsu	531-0118H	531-0119H
MEFI 1-4 Gas Inboards	531-0118I4	531-0119I4
CANBus Engines	531-0118I5	531-0119I5
Volvo Penta Diesel	531-0118V	531-0119V
SeaDoo	531-0118SD	531-0119SD

(2) An Engine Platform Add-On/Upgrade can only be purchased if you already own a Bundle Platform or an Individual Platform.

To Learn more about M.E.D.S. & View the Engines M.E.D.S. Supports, Visit [www.cdielelectronics.com](http://www.cdielelectronics.com) and Check Out the M.E.D.S. Diagnostic Software Tab at the Top of the Page!



The M.E.D.S. Backpack and cable organizer 511-0001 is provided **FREE** with the Purchase of any Bundle Package!

#### Option 2: M.E.D.S. Bundle Platforms

Name	Part Number	Includes <sup>(1)</sup>
Basic Bundle	531-0200T1	Mercury, Yamaha, J/E
Standard Bundle	531-0500T	Merc, Yam, J/E, Suzuki, Honda, MEFI 1-4
Professional Bundle	531-0500T3	Merc, Yam, J/E, Suzuki, Honda, SeaDoo, MEFI 1-4, CANbus

(1) All Bundle Packages Include Mercury G3

#### Option 3: Mix and Match Custom Packages

Package Description	Package Includes:
Older Mercury & BRP Only:	
Mercury Individual + BRP	531-0118M + 531-0119B
Foreign Outboards Package:	
Yamaha Individual + Suzuki + Honda	531-0118Y + 531-0119S + 531-0119H
Inboard Only Package:	
CANbus Individual + MEFI 1-4 + Volvo Diesel	531-0118I5 + 531-0119I4 + 531-0119V

#### Additional M.E.D.S. Purchase Options

Part Number	Includes: <sup>(2)</sup>
511-0001	M.E.D.S. Backpack and Cable Organizer
531-0119L1	French Language Add-on
531-0119L2	Spanish Language Add-on
531-0119L3	French and Spanish Language Add-on
531-0119U	Software Only Upgrade for Existing M.E.D.S. Users Prior to Version 6.0. Upgrade to the Latest Version of M.E.D.S. to Receive an Improved Graphical Presentation and M.E.D.S. Check Report.

<b>MERCURY / MERCURISER</b>	
<b>Purchased Alone: 531-0118M</b>	<b>As an Add-On / Upgrade: 531-0119M</b>
<b>Mercury Optimax</b>	<b>Years</b>
Optimax V6 135, 150, 175, 200, 225, 250, 2.5L, 3.0L	1997 - 18
Optimax I3 1.5L, 75, 90, 115 HP	2002 - 18
Optimax V6 EFI and Sport Jet	2002 - 16
2.5L EFI, 150, 175, 200, 225 HP (Using 824003 Series ECU)	1994 - 01
2.5L EFI, 150, 175, 200.HP (Using 555 Series ECU)	2002 - 06
<b>Mercury Verado (pre-G3)</b>	<b>Years</b>
Verado I-4 135, 150, 175, 200 HP	2001 - 19
Verado I-6, 200, 225, 250, 275, 300, 350 HP	2001 - 19
<b>Mercury 4-Stroke EFI (pre-G3)</b>	<b>Years</b>
40, 50, 60, 75, 90, 115 HP	2002 - 14
<b>Mercruiser (with 555 Controller &amp; w/o Catalytic Converters)</b>	<b>Years</b>
4.3L MPI, 5.0L MPI, 350 Mag MPI, MX 6.2L MPI, Black Scorpion	2002 - 14
496 MAG, 496 HO MAG, 8.1L, 8.1L HO	2001 - 10
<b>Mercruiser Racing</b>	<b>Years</b>
1075 Sci, 414 EFI, 600 Sci, 8.1L SHO	2001 - 10
<b>Mercury Racing</b>	<b>Years</b>
225X, 250XS, 300X, 300XS	2001 - 10
2.5L (250) EFI	1998 - 05

<b>MERCURY G3</b>	
<b>Purchased Alone: 531-0118M2 (Includes pre-G3)</b>	<b>As an Add-On / Upgrade: 531-0119M2</b>
<b>Mercury 4-Stroke G3 &amp; SeaPro 4-Stroke G3</b>	<b>Years</b>
40,50,60,75,90,115,150 HP	2011 - 19
<b>Mercruiser G3</b>	
3.0L, 4.3L, 4.5L, 6.2L, 8.2L	2012 - 16
<b>Mercury Verado G3 (G3 Software Not Required, use pre G3)</b>	

<b>SUZUKI</b>	
<b>Purchased Alone: 531-0118S</b>	<b>As an Add-On / Upgrade: 531-0119S</b>
<b>Johnson/Evinrude 4-Stroke Built by Suzuki</b>	<b>Years</b>
40, 50, 60, 70, 90, 115, 140, 200, 225 HP	1999 - 06
<b>Suzuki 4-Stroke</b>	<b>Years</b>
DF40, DF50, DF60, DF70, DF90, DF140, DF150, DF175	1997 - 12
DF70A, 80A, 90A, 100	2009 - 12
DF90, DF140	2001 - 12
DF150, DF175, DF200, DF225, DF250, DF300	2004 - 12

<b>YAMAHA</b>	
<b>Purchased Alone: 531-0118Y</b>	<b>As an Add-On / Upgrade: 531-0119Y</b>

Yamaha Outboards	Years
4 Stroke EFI: F115, F150, F200, F225 HP	2000 - 12
4 Stroke EFI: F40, F50, F60, F90, F250, F275, F300, F350 HP	2007 - 12
HPDI: 150, 175, 200, 225, 250, 300 HP	1998 - 12
Mercury Manufactured by Yamaha (4-Stroke)	Years
30, 40, 50, 75 HP, 90 HP EFI, 115 HP EFI	2001 - 06
Yamaha Snowmobiles	Years
Apex GT, Mountain, ER, RTX, GTX, MTX, LTX	2006 - 09
Attak GT, Base	2006 - 07
Nytro Base, MTX, RTX, RTX-SE, FX Series	2008 - 09
Phazer Base, GT, Mountain Lite, FX, RTX, MTX, Venture Lite, RX Venture GT	2007 - 09
Yamaha Personal Watercraft (PWC)	Years
FX: All Models	2002 - 09
GP 1300, VX All Models, VX Deluxe	2004 - 08
FZR, XLT1200, XA1204	2009

<b>BRP (JOHNSON/EVINRUDE)</b>	
<b>Purchased Alone: 531-0118B</b>	<b>As an Add-On / Upgrade: 531-0119B</b>

Johnson/Evinrude Ficht & ETEC	Years
Ficht Air Cooled EMM	1997 - 98
Ficht Water Cooled EMM	1999 - 07
ETEC Water Cooled EMM	2004 - 18

<b>HONDA &amp; TOHATSU</b>	
<b>Purchased Alone: 531-0118H</b>	<b>As an Add-On / Upgrade: 531-0119H</b>

Honda	Years
BF40D, BF50D	2008 - 19
BF60A, BFP60A	2009 - 19
B75D, BF90D, BF175A	2007 - 19
BF115A, BF135A, BF150A	2005 - 19
BF115D	2010 - 19
BF200A, BF225A	2002 - 19
BF250A	2012 - 19
Tohatsu	Years
BFT60A, BFTW60A, 75A, 90A, 115A, 150A, 200A, 225A, 250A	2014 - 19

**GM MEFI Versions 1-4**
**Purchased Alone: 531-0118I4**
**As an Add-On / Upgrade: 531-0119I4**

<b>MEFI 1-4 Equipped</b>	<b>Years</b>
Crusader / Pleasurecraft Marine	1992 - 06
Flagship Marine	1992 - 06
GM Ramjet 350	1992 - Up
Indmar	1992 - 07
Kodiak Marine	1992 - 08
Marine Power	1992 - 08
Mercury / Mercruiser	1992 - 00
Mercury / Mercruiser Racing HP500	1992 - 10
Panther Air Boats	1992 - Up
TurnKey Engines	2001 - 07
Volvo Penta Gas	1992 - 05

**CANbus Controlled Gas Engines**
**Purchased Alone: 531-0118I5**
**As an Add-On / Upgrade: 531-0119I5**

<b>MEFI 4b, 5, 6 Equipped</b>	<b>Years</b>
Flagship Marine	2008 - Up
Ilmor Marine	2008 - Up
Indmar (MEFI 5-6 Only)	2007 - Up
Kodiak Marine	2008 - Up
Marine Power	2008 - Up
Panther Air Boats	2008 - Up
Seven Marine	2012 - Up
TurnKey Engines	2008 - Up
Volvo Penta	2007 - Up

**Volvo Penta Diesel Engines**
**Purchased Alone: 531-0118V**
**As an Add-On / Upgrade: 531-0119V**

D6	2004 - 14
----	-----------

<b>SeaDoo</b>	
<b>Purchased Alone: 531-0118SD</b>	<b>As an Add-On / Upgrade: 531-0119SD</b>
<b>Engine Models</b>	<b>Years</b>
XP All Models	1996-2004
GTX All Models	1996-2016
GSX All Models	1996-2001
GTI All Models	1997-2016
GSI	1997
GTS All Models, GS	1997-2001
SP	1997
SPX	1997-1999
LRV All Models	2000-2003
RX All Models	2000-2004
3D All Models	2004-2007
RXP All Models	2004-2016
RXT All Models	2005-2016
WAKE All Models	2007-2016
GTR	2012-2016
SAR, Spark All Models	2014-2016

<b>Yamaha Personal Watercraft (PWC) (Included with 531-0118Y or 531-0119Y)</b>	<b>Years</b>
FX: All Models	2002 - 09
GP 1300, VX All Models, VX Deluxe	2004 - 08
FZR, XLT1200, XA1204	2009

**The SeaDoo(Rotax) Diagnostic Platform is shipping!**

CDI Electronics' M.E.D.S. SeaDoo(Rotax) Platform gives marine technicians the ability to troubleshoot 3 generations of Rotax engines. See the application guide above.

**Includes Key Fob programming for all models.**

**Already own M.E.D.S?**

**Purchase part number 531-0119SD.**



**CDI Electronics®**

# JOHNSON EVINRUDE

*BETTER THAN THE OEM*

POWER PACKS	23
HIGH PERFORMANCE POWER PACKS	32
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TECH SUPPORT 1.866.423.4832  
CUSTOMER SERVICE 1.800.467.3371  
[cdielectronics.com](http://cdielectronics.com)





**113-1397**  
**Power Pack 2 Cyl.**

1971-1977 (50 & 55HP) Screw Terminal Power Pack, No RPM Limit

**Replaces**  
75370, 764708, 777636, 581137, 580826, 581397, 364708, 384986  
Includes Cover & Gasket



**113-1726**  
**Power Pack 3/6 Cyl.**

1972-1978 (65,70 & 75HP - 3 Cyl.) 1976-1978 (150,175,200 & 235 HP - 6 Cyl. - 2 Req.) Cross Flow Engines, Screw Terminal Power Pack, No RPM Limit

**Replaces**  
581925, 582057, 581713, 581726, 581334, 581493, 581551, 581552  
Includes Cover & Gasket

**MAKING IT SIMPLE**

Connector images have been added below to make it simple to identify the Power Pack you need in order to get your customer's boat back on the water.



**113-1731**  
**Power Pack 4 Cyl.**

1973-1977 (85,115,135 & 140HP) Screw Terminal Power Pack, No RPM Limit

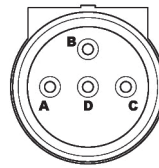
**Replaces**  
581311, 581731, 581709, 582056, 581895  
Includes Cover & Gasket



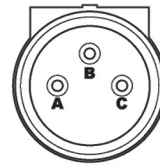
**113-2115**  
**Power Pack 3 Cyl.**

1986-1990 (60, 70 & 75HP) No RPM Limit

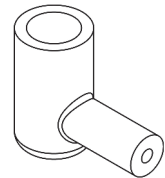
**Replaces**  
763796, 583125, 582115, 583143



Timer Base



Stator



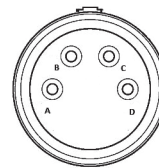
Coil



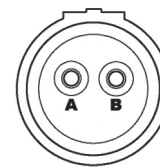
**113-2125**  
**Power Pack 4 Cyl.**

1978-1984 (85,90,100,115 & 140HP) 2 Req., No RPM Limit

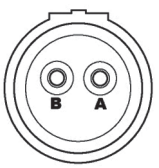
**Replaces**  
581805, 582125, 582454



Timer Base



Stator



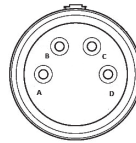
Coil



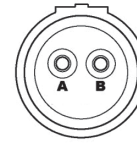
**113-2138**  
**Power Pack 3/6 Cyl.**

1979-1984 (70,75HP - 3 Cyl.) & (150,175,185, 200 & 235 HP - 6 Cyl. - 2 Req.) No RPM Limit

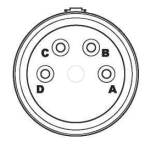
**Replaces**  
581993, 581933, 582138, 582400



Timer Base



Stator



Coil

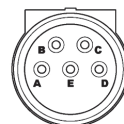
**High Performance Part Available!**  
**See 213-2138 on Page 31**



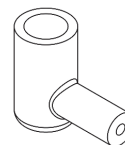
**113-2285**  
**Power Pack 2 Cyl.**

1985-2001 (4-60HP) Engines with a 2 Wire Timer Base, No RPM Limit

**Replaces**  
586697, 586800, 583167, 583168, 583169, 583170, 582502, 582281, 582285, 582880, 582757, 582787, 396141



Stator



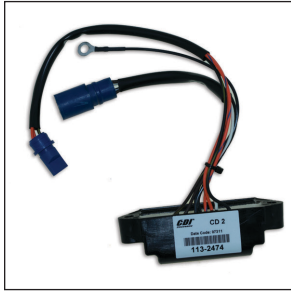
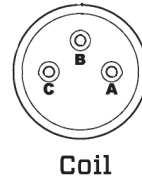
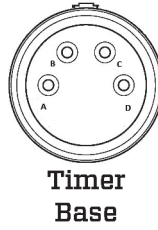
Coil





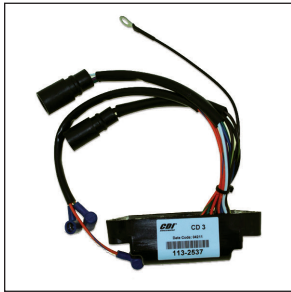
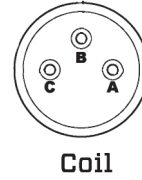
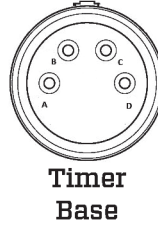
**113-2453**  
**Power Pack 2 Cyl.**  
1977-1984 (4-60HP) No RPM Limit

**Replaces**  
581649, 583380, 583453, 581924,  
581926, 581927, 582452, 582453



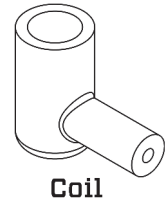
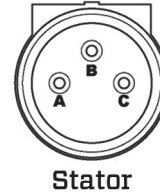
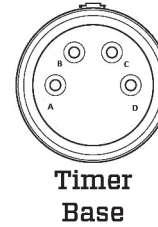
**113-2474**  
**Power Pack 2 Cyl.**  
1983-1984 (8,25,40 & 55HP) Comm  
Engines, 5800 RPM Limit

**Replaces**  
753790, 763790, 586692, 586690,  
582474, 582864, 582901, 582692



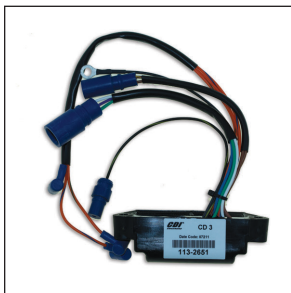
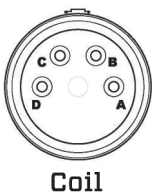
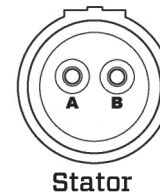
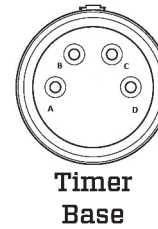
**113-2537**  
**Power Pack 3/6 Cyl.**  
1985 (65HP - 3 Cyl. Comm Engines)  
1985 (235HP - 6 Cyl. Cross Flow  
Engines) 5800 RPM Limit

**Replaces**  
582510, 582537



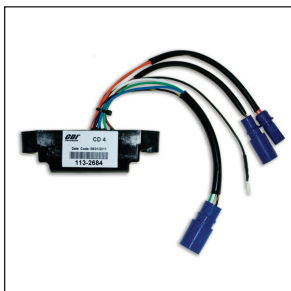
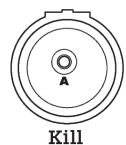
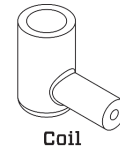
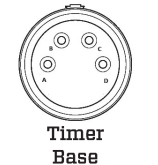
**113-2556**  
**Power Pack 3/6 Cyl.**  
1984 (65HP - 3 Cyl.) 1984 (155 &  
235HP - 6 Cyl. - 2 Req.) Cross Flow  
Engines, 5800 RPM Limit

**Replaces**  
582642, 582712, 582556



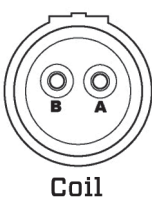
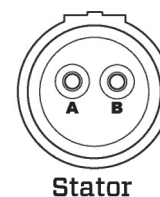
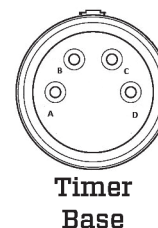
**113-2651**  
**Power Pack 6 Cyl.**  
1985-1987 (150,155,175,185 &  
235HP) 2 Req., 5800 RPM Limit

**Replaces**  
582651, 763792



**113-2684**  
**Power Pack 4 Cyl.**  
1984 (100HP) 2 Req., Comm, Cross  
Flow Engines, 5700 RPM Limit

**Replaces**  
582684

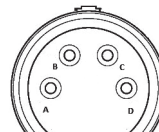




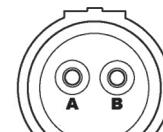
**113-2704**  
**Power Pack 4 Cyl.**

1985 (100HP) 2 Req., Comm, Cross Flow Engines, 5700 RPM Limit

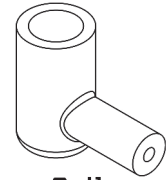
Replaces  
582704



Timer Base



Stator



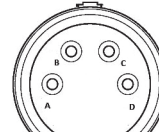
Coil



**113-2705**  
**Power Pack 3 Cyl.**

1985 (70 & 75HP) No RPM limit

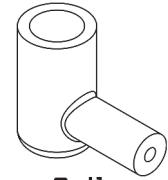
Replaces  
582705, 763793



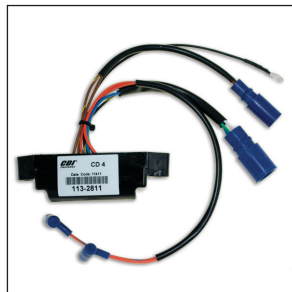
Timer Base



Coil



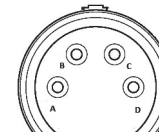
Coil



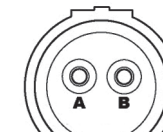
**113-2811**  
**Power Pack 4 Cyl.**

1985-1986 (90,110 & 115HP) 2 Req., No RPM Limit

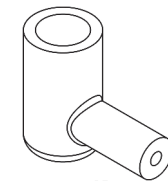
Replaces  
763794, 582811



Timer Base



Stator



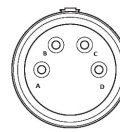
Coil



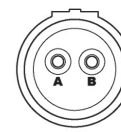
**113-2817**  
**Power Pack 6 Cyl.**

1985-1987 (150,155,175,185 & 235HP) 2 Req., No RPM Limit

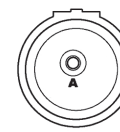
Replaces  
582651, 763792



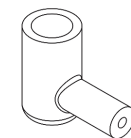
Timer Base



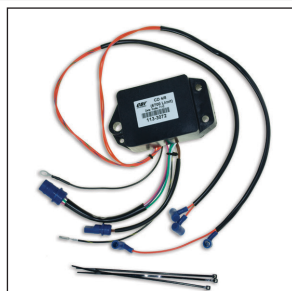
Stator



Kill



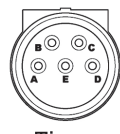
Coil



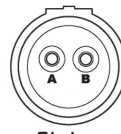
**113-3072**  
**Power Pack 4/8 Cyl.**

1985 (120,140HP - 4 Cyl.) (275 & 300HP - 8 Cyl. - 2 Req.) 6700 RPM Limit

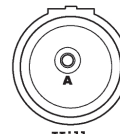
Replaces  
396224, 583072, 583073, 582530, 582645, 583235, 763795



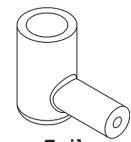
Timer Base



Stator



Kill



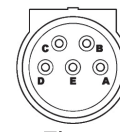
Coil



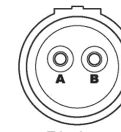
**113-3101**  
**Power Pack 4/8 Cyl.**

1986-1988 (88,90,100,110,120 & 140HP - 4 Cyl.) 1986-1987 (275 & 200HP - 8 Cyl. - 2 Req.) 6700 RPM Limit

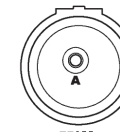
Replaces  
763797, 581404, 583336, 583101, 583102, 583103, 583037, 583041, 582262



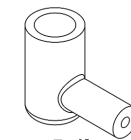
Timer Base



Stator

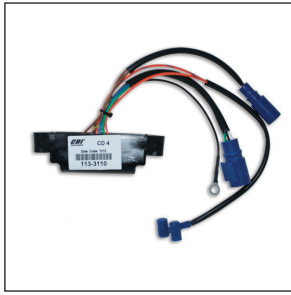


Kill



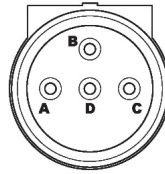
Coil

**High Performance Part Available!**  
**See 213-3101 on Page 31**

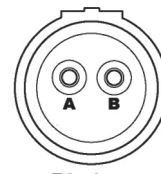


**113-3110**  
**Power Pack 4 Cyl.**  
 1986-1987 (88,90 & 110HP) 2 Req.,  
 Cross Flow Engines, No RPM Limit

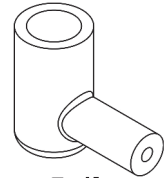
Replaces  
 583110



Timer  
 Base



Stator

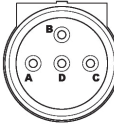


Coil

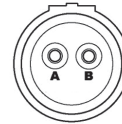


**113-3112**  
**Power Pack 6 Cyl.**  
 1986-1988 (150,155 & 175HP) 2  
 Req., Cross Flow Engines, No RPM  
 limit

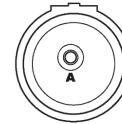
Replaces  
 583112, 9-25007



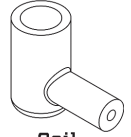
Timer  
 Base



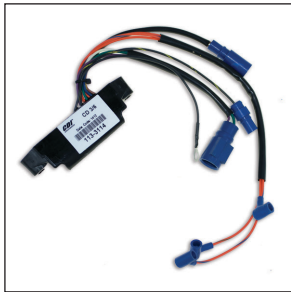
Stator



Kill

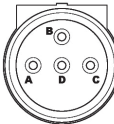


Coil

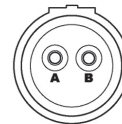


**113-3114**  
**Power Pack 6 Cyl.**  
 1986-1988 (150,155 & 175HP) 2  
 Req., Cross Flow Engines, 5800 RPM  
 Limit

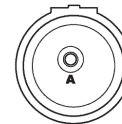
Replaces  
 583114



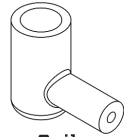
Timer  
 Base



Stator



Kill

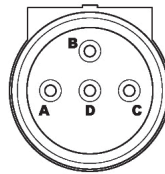


Coil

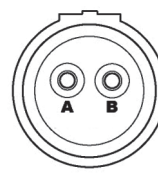


**113-3116**  
**Power Pack 4 Cyl.**  
 1986-1987 (100 HP) 2 Req., Comm,  
 Cross Flow Engines, 5700 RPM Limit

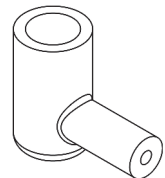
Replaces  
 583116



Timer  
 Base



Stator

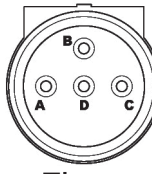


Coil

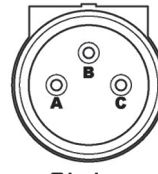


**113-3122**  
**Power Pack 3 Cyl.**  
 1986-1988 (65HP) Comm Engines,  
 5800 RPM Limit

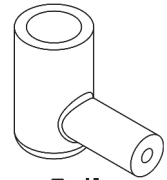
Replaces  
 583122, 583320



Timer  
 Base



Stator

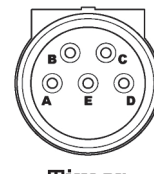


Coil

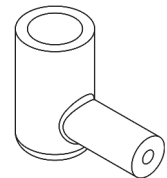


**113-3241**  
**Power Pack 2 Cyl.**  
 1985-1988, 1992-2001 (8,25,40,45 &  
 55HP) Engines with a 2 Wire Timer  
 Base, 5800 RPM Limit

Replaces  
 763798, 584508, 584528, 583604, 583172,  
 583174, 583175, 583241, 582714, 582800,  
 582889, 582504, 582261, 586691, 586689,  
 586633, 586634, 586693, 586695, 586696,  
 584746, 396077



Timer  
 Base

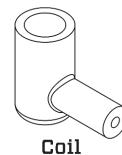
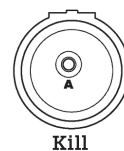
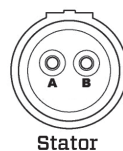
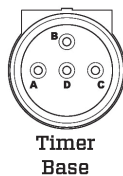


Coil



**113-3401**  
**Power Pack 6 Cyl.**  
 1986-1987 (V6 - 2 Req.) 8500 RPM Limit

Replaces  
 583401

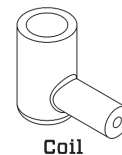
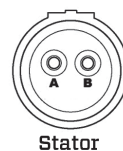
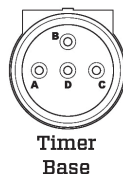


**Upgrade Available**

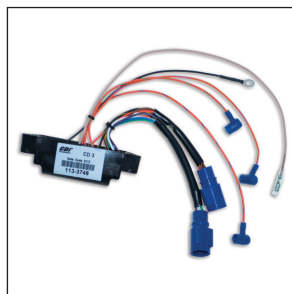


**113-3605**  
**Power Pack 6 Cyl.**  
 1986-1987 (200 & 225HP) 2 Req., 6700 RPM Limit

Replaces  
 583605, 583030, 763800

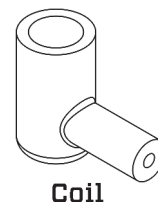
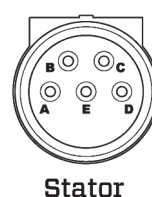
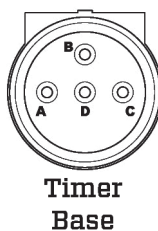


**High Performance Part Available!**  
 See 213-3605 on Page 31



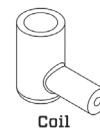
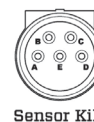
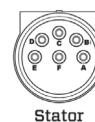
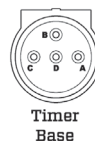
**113-3748**  
**Power Pack 3 Cyl.**  
 1989-1998 (60,65 & 70HP) Uses 4 Wire Timer Base w/ S.L.O.W., 6700 RPM Limit

Replaces  
 763801, 583786, 583748, 878949, M-878949



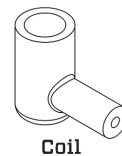
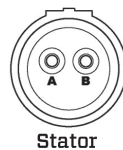
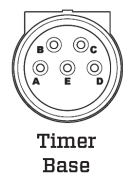
**113-3865**  
**Power Pack 6 Cyl.**  
 1989-1992 (150, 155 & 175HP) Cross Flow Engines, w/ Quick Start & S.L.O.W., 5800 RPM Limit

Replaces  
 583865



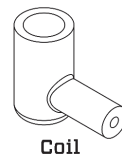
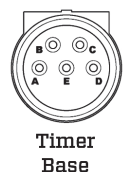
**113-4028**  
**Power Pack 4 Cyl.**  
 1989-1998 (85,88,90,100,110,112 & 115HP) Cross Flow Engines, No RPM Limit

Replaces  
 584027, 584028, 583773



**113-4030**  
**Power Pack 4 Cyl.**  
 1989-1997 (65,80,85,88,90,100 & 115HP) Cross Flow Engines, 5800 RPM Limit

Replaces  
 584029, 584030, 583777

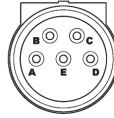




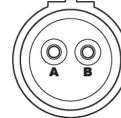
**113-4032**  
**Power Pack 4 Cyl.**

1996-1998 (125HP) Comm Engines,  
6700 RPM Limit

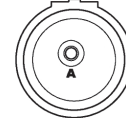
**Replaces**  
584032, 583785, 583593



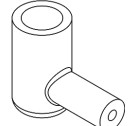
Timer  
Base



Stator



Kill



Coil

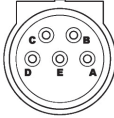
Upgrade Available



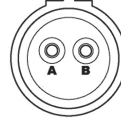
**113-4035**  
**Power Pack 8 Cyl.**

1988-1992 (250,275 & 300HP) Loop  
Charged Engines w/ Quick Start &  
S.L.O.W., 6700 RPM Limit

**Replaces**  
583471, 584034, 584035



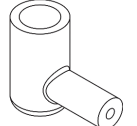
Timer  
Base



Stator



Kill



Coil

High Performance Part Available!  
See 213-4035 on Page 31

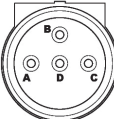
Upgrade Available



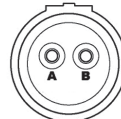
**113-4037**  
**Power Pack 6 Cyl.**

1988-1992 (185, 200 & 225HP) Loop  
Charged Engines w/ Quick Start &  
S.L.O.W., 6700 RPM Limit

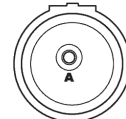
**Replaces**  
583476, 584036, 584037, 586217,  
586662, 586667



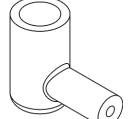
Timer  
Base



Stator



Kill



Coil

High Performance Part Available!  
See 213-4037 on Page 31

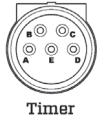
Upgrade Available



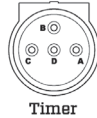
**113-4041**  
**Power Pack 4 Cyl.**

1988-2001 (120,125,130,135 & 140HP)  
Loop Charged Engines w/ Quick Start &  
S.L.O.W., 6700 RPM Limit

**Replaces**  
583489, 584040, 584041



Timer  
Base



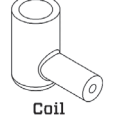
Timer  
Base



Stator



Kill



Coil

High Performance Part Available!  
See 213-4041 on Page 31

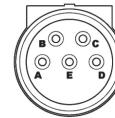


**113-4488**  
**Power Pack Conversion Kit 2 Cyl.**

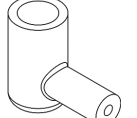
1988-1992 (4,5,6,6.5,8,9,9,14,15,25  
& 40HP) Engines Using the Under  
Flywheel Ignition, No RPM Limit

**Replaces**  
583663, 583667, 584488

Includes: 113-2285, 133-3387,  
173-1670, Hardware



Stator/Timer  
Base/Kill



Coil

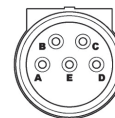


**113-4489**  
**Power Pack Conversion Kit 2 Cyl.**

1988-1995 (4,15,20,25,28,30,35,40,45,48,50 & 55HP) w/  
S.L.O.W., Uses 2 Wire Timer Base, Engines using the Under  
Flywheel Ignition, 6100 RPM Limit

**Replaces**  
584984, 584347, 584329, 584331, 584486, 584487, 584489,  
583984, 583896, 583656, 583664, 583665

Includes: 113-4767, 133-3387,  
173-1670, Hardware



Stator/Timer  
Base/Kill



Coil

**Upgrade Available**



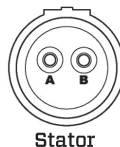
**113-4642  
Power Pack 8 Cyl.**

1993-1997 (250 & 300HP) Loop Charged Engines w/ Quick Start & S.L.O.W., 6700 RPM Limit

**Replaces**  
763803, 584642



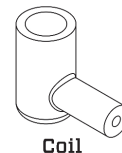
Timer Base



Stator



Kill



Coil

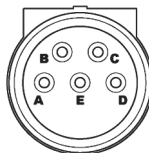
**High Performance Part Available!**  
See 213-4642 on Page 31



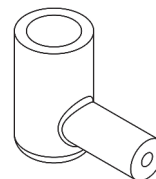
**113-4767  
Power Pack 2 Cyl.**

1993-2005 (18,20,25,28,30,35,40,48 & 50HP) Uses 2 Wire Timer Base w/ S.L.O.W., 6100 RPM Limit

**Replaces**  
5001344, 5000014, 584767, 584768, 584908, 585074, 585260, 585224



Stator



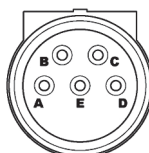
Coil



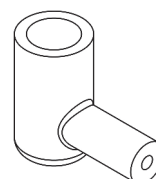
**113-4783  
Power Pack 2 Cyl.**

1993-2007 (9.9,10 & 15HP) No RPM Limit

**Replaces**  
584783, 586798



Stator



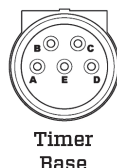
Coil



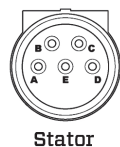
**113-4808  
Power Pack 3 Cyl.**

1993-2001 (25,40,50,60,65 & 70HP - 40 Jet - Carbureted 2 Stroke) Loop Charged Engines, 5 Wire Timer Base w/ Quick Start & S.L.O.W., 6700 RPM Limit

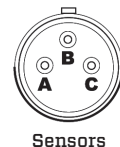
**Replaces**  
584808, 585145, 585189, 5004532, 5004533



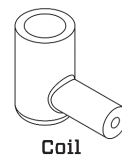
Timer Base



Stator

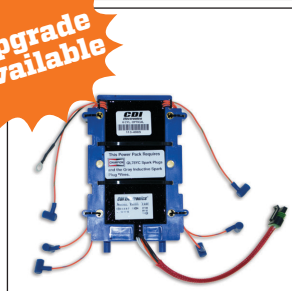


Sensors



Coil

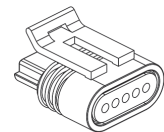
**Upgrade Available**



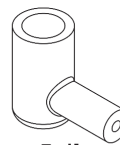
**113-4985  
Power Pack 6 Cyl.**

1991-2006 (105 JET, 150 & 175HP) 60 Degree Engines, Carbureted Engines, w/ Quick Start & S.L.O.W., 6100 RPM Limit

**Replaces**  
584985, 584910, 584990, 765387



Optical Sensor



Coil

**High Performance Part Available!**  
See 213-4985 on Page 32

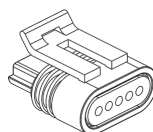
**Upgrade Available**



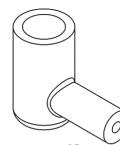
**113-4986  
Power Pack 6 Cyl.**

1993-1998 (105 JET, 150 & 175HP) 60 Degree Quiet Rider Carbureted Engines, w/ Quick Start & S.L.O.W., 6100 RPM Limit

**Replaces**  
584912, 584986, 584988, 584989, 584991

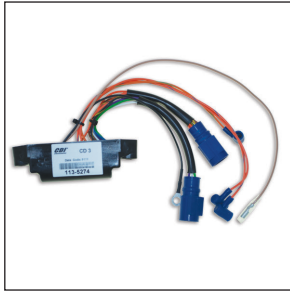


Optical Sensor



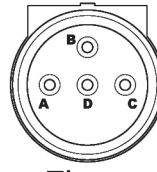
Coil

**High Performance Part Available!**  
See 213-4986 on Page 32

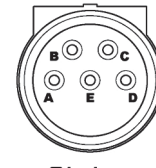


**113-5274**  
**Power Pack 3 Cyl.**  
 1996-2001 (65HP) w/ S.L.O.W., 6700 RPM Limit

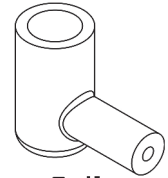
**Replaces**  
 585274



**Timer Base**



**Stator**

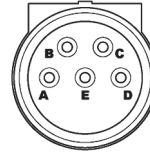


**Coil**

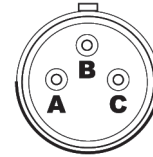


**113-5316**  
**Power Pack 2 Cyl.**  
 1992-2005 (35,40 & 50HP) 2 Stroke Engines Using a 3 Wire Timer Base, w/ S.L.O.W., 6700 RPM Limit

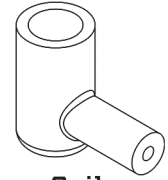
**Replaces**  
 878834, 585261, 585262, 175316, 878334001, 878834001



**Stator**

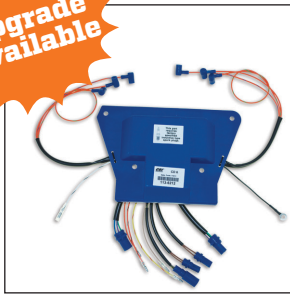


**Timer Base**



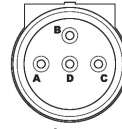
**Coil**

**Upgrade Available**

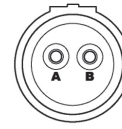


**113-6212**  
**Power Pack 6 Cyl.**  
 1993-2001 (185,200, 225, & 250HP) Loop Charged Carbureted Engines, w/ Quick Start & S.L.O.W., 6700 RPM Limit

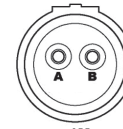
**Replaces**  
 586212, 586661, 585114, 584636, 584637



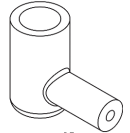
**Timer Base**



**Stator**



**Kill**



**Coil**

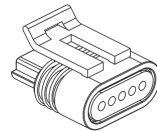
**High Performance Part Available!**  
 See 213-6212 on Page 32

**Upgrade Available**

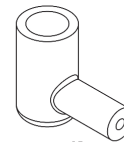


**113-6292**  
**Power Pack 4 Cyl.**  
 1995-2006 (80 Jet,90,100,105 Comm & 115HP) 60 Degree Engines, w/ Quick Start & S.L.O.W., 6400 RPM Limit

**Replaces**  
 765386, 586015, 586098, 586292



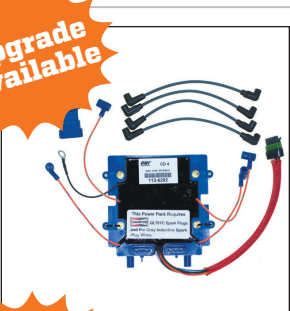
**Optical Sensor**



**Coil**

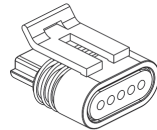
**High Performance Part Available!**  
 See 213-6292 on Page 32

**Upgrade Available**

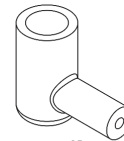


**113-6292K 1**  
**Power Pack Kit 4 Cyl.**  
 1995-2006 (80 Jet,90,100,105 Comm & 115HP) 60 Degree Engines, w/ Quick Start & S.L.O.W., 6400 RPM Limit

**Replaces**  
 765386, 586015, 586098, 586292  
 Includes: 113-6292, 133-6343 & 931-4922



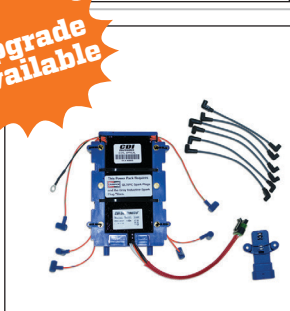
**Optical Sensor**



**Coil**

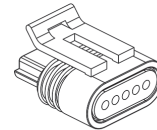
**High Performance Part Available!**  
 See 213-6292K 1 on Page 32

**Upgrade Available**

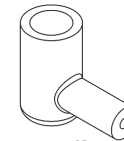


**113-6367K 1**  
**Power Pack Kit 6 Cyl.**  
 1991-2006 (105 JET,150 & 175HP) 60 Degree Engines, Carbureted Engines, w/ Quick Start & S.L.O.W., 6100 RPM Limit

**Replaces**  
 584122, 436367  
 Includes: 113-4985, 133-6343 & 931-4921



**Optical Sensor**



**Coil**

**High Performance Part Available!**  
 See 213-6367K 1 on Page 32



**113-7123**  
**Battery Power Pack 3 Cyl.**

1968-1972 (55,60,65,85 & 100HP) W/ Points

**Replaces**  
382579, 389549, 389550, 389551, 389551L, 397123, 398550, 398551, 777647, 9G0M, D550, D551, 6CB2004, 6CB2007, 6CB2009, 6CB2001, 583579, 580849

Includes: 113-7123 & Coil



**113-8362**  
**Battery Power Pack 4 Cyl.**

1968-1972 (100,115, & 125HP) Without Points. Requires Phase 2 Rotor

**Replaces**  
765987, 765992, 398362, 398363, 381884, 382478, 385034, 385036, 385038, 383298, 3832989, 384522, 384522U, IDD3001, IDD3070, IDD3077, IDG3001A, IDG3001B, IDG3001C



**213-2138**  
**High Performance Power Pack 3 Cyl.**

1979-1984 (70,75HP - 3 Cyl.) & (150,175,185, 200 & 235 HP - 6 Cyl. - 2 Req.) 8000 RPM Limit

**Replaces**  
113-2138



**213-3101**  
**High Performance Power Pack 4/8 Cyl.**

1986-1988 (88,90,100,110,120 & 140HP - 4 Cyl.) 1986-1987 (275 & 200HP - 8 Cyl. - 2 Req.) 8000 RPM Limit

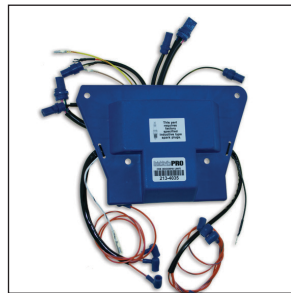
**Replaces**  
113-3101



**213-3605**  
**High Performance Power Pack - 6 Cyl.**

1986-1987 (200 & 225HP) 2 Req., 8000 RPM Limit

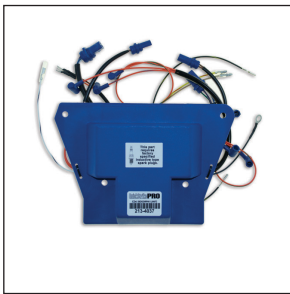
**Replaces**  
113-3605



**213-4035**  
**High Performance Power Pack 8 Cyl.**

1988-1992 (250,275 & 300HP) Loop Charged Engines w/ Quick Start & S.L.O.W., 8000 RPM Limit

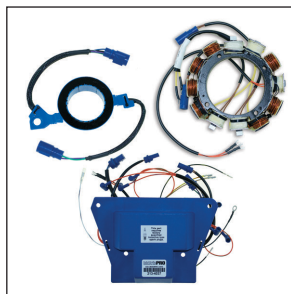
**Replaces**  
113-4035



**213-4037**  
**High Performance Power Pack 6 Cyl.**

1988-1992 (185, 200 & 225HP) Loop Charged Engines w/ Quick Start & S.L.O.W., 8000 RPM Limit

**Replaces**  
113-4037



**213-4037K 1**  
**High Performance Ignition Kit 6 Cyl.**

1988-1992 (185, 200 & 225HP) Loop Charged Engines w/ Quick Start & S.L.O.W., 8000 RPM Limit

**Replaces** Includes: 213-4037, 133-3533, 113-4037 273-3415RS



**213-4041**  
**High Performance Power Pack 4 Cyl.**

1988-2001 (120,125,130,135 & 140HP) Loop Charged Engines w/ Quick Start & S.L.O.W., 8000 RPM Limit

**Replaces**  
113-4041



**213-4642**  
**High Performance Power Pack 8 Cyl.**

1993-1997 (250 & 300HP) Loop Charged Engines w/ Quick Start & S.L.O.W., 8000 RPM Limit

**Replaces**  
113-4642



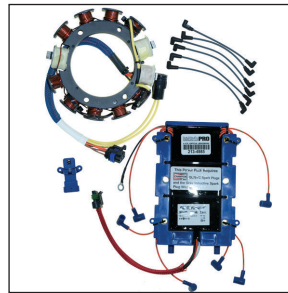




**213-4985**  
High Performance  
Power Pack 6 Cyl.

1991-2006 (105 JET, 150 & 175HP)  
60 Degree Engines, Carbureted  
Engines, w/ Quick Start & S.L.O.W.,  
8000 RPM Limit

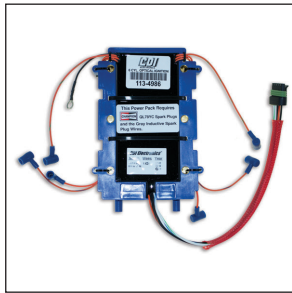
**Replaces**  
113-4985



**213-4985K 1**  
High Performance  
Ignition Kit 6 Cyl.

1991-2006 (105 JET, 150 & 175HP)  
60 Degree Engines, Carbureted  
Engines, w/ Quick Start & S.L.O.W.,  
8000 RPM Limit

**Replaces** Includes: 213-6367K 1,  
113-4985 273-4981RS



**213-4986**  
High Performance  
Power Pack 6 Cyl.

1993-1998 (105 JET, 150 & 175HP)  
60 Degree Quiet Rider Carbureted  
Engines, w/ Quick Start & S.L.O.W.,  
8000 RPM Limit

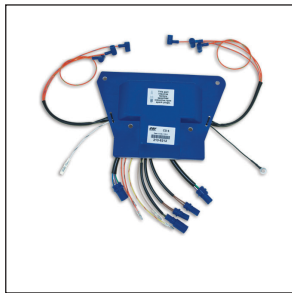
**Replaces**  
113-4986



**213-3101**  
High Performance  
Power Pack 4/8 Cyl.

1986-1988 (88,90,100,110,120 &  
140HP - 4 Cyl.) 1986-1987 (275 &  
200HP - 8 Cyl. - 2 Req.) 8000 RPM  
Limit

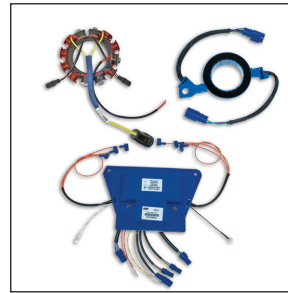
**Replaces**  
113-3101



**213-6212**  
High Performance  
Power Pack 6 Cyl.

1993-2001 (185,200, 225, & 250HP)  
Loop Charged Carbureted Engines, w/  
Quick Start & S.L.O.W., 8000 RPM Limit

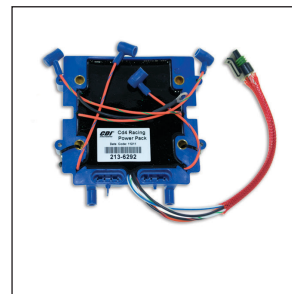
**Replaces**  
113-6212



**213-6212K 1**  
High Performance  
Ignition Kit 6 Cyl.

1993-2001 (185,200, 225, & 250HP)  
Loop Charged Carbureted Engines, w/  
Quick Start & S.L.O.W., 8000 RPM Limit

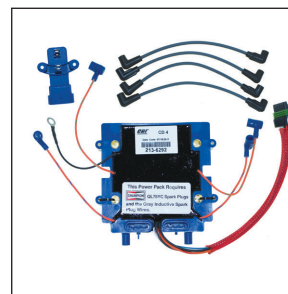
**Replaces** Includes: 133-3533, 213-6212 and  
113-6212 273-4643RS



**213-6292**  
High Performance  
Power Pack 4 Cyl.

1995-2006 (80 Jet, 90, 100, 105 Comm  
& 115HP) 60 Degree Engines, w/ Quick  
Start & S.L.O.W., 8000 RPM Limit

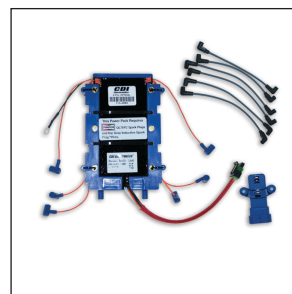
**Replaces**  
113-6292



**213-6292K 1**  
High Performance  
Power Pack 4 Cyl.

1995-2006 (90 & 115HP) 6400 RPM  
Limit, 60 Degree Engines w/ Optical  
Ignition Sensor, 8000 RPM Limit

**Replaces** Includes: 213-6292, 133-6343,  
113-6292K 1 273-4849S, 931-4922



**213-6367K 1**  
High Performance  
Power Pack 6 Cyl.

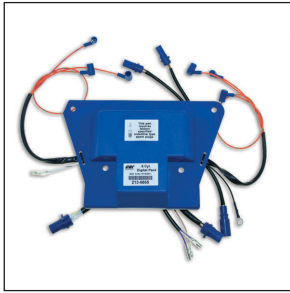
1991-2006 (150-175HP) 8000 RPM  
Limit, 60 Degree Engines w/ Optical  
Ignition Sensor, 8000 RPM Limit

**Replaces** Includes: Includes:  
113-6367K 1 133-6343, 213-4985,  
931-4921



CDI Electronics' Regulated Rectifiers can help  
you avoid over-voltage issues!

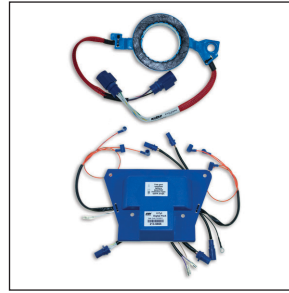




**213-6665**  
**High Performance Digital Power Pack 6 Cyl.**

1988-2001 (185,200,225HP) Loop Charged, Carbureted Engines w/ Quick Start & S.L.O.W., 6700 RPM Limit (Requires Digital Timerbase 233-4586)

**Replaces**  
 113-6212,  
 113-4037

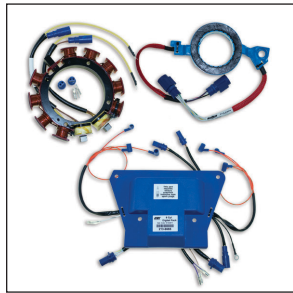


**213-6665K 1**  
**High Performance Digital Ignition Kit 6 Cyl.**

1988-2001 (185,200,225HP) Loop Charged, Carbureted Engines w/ Quick Start & S.L.O.W., 6700 RPM Limit

**Replaces**  
 113-6212, 113-4037

Includes: 213-6665, 233-4586

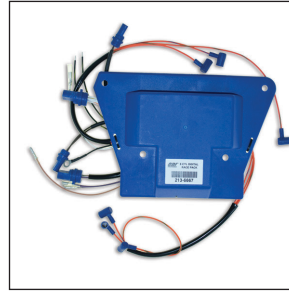


**213-6665K 2**  
**High Performance Digital Ignition Kit 6 Cyl.**

1988-2001 (185,200,225HP) Loop Charged, Carbureted Engines w/ Quick Start & S.L.O.W., 6700 RPM Limit

**Replaces**  
 113-6212, 113-4037

Includes:  
 213-6665K1,  
 173-3117



**213-6667**  
**High Performance Digital Power Pack 6 Cyl.**

1988-2001 (185,200,225HP) Loop Charged, Carbureted Engines w/ Quick Start & S.L.O.W., 8500 RPM Limit (requires Digital Timerbase 233-4586)

**Replaces**  
 113-6212, 113-4037



**213-6667K 1**  
**High Performance Digital Ignition Kit 6 Cyl.**

1988-2001 (185,200,225HP) Loop Charged, Carbureted Engines w/ Quick Start & S.L.O.W., 8500 RPM Limit

**Replaces**  
 113-6212, 113-4037

Includes:  
 213-6667,  
 233-4586



**213-6667K 2**  
**High Performance Digital Ignition Kit 6 Cyl.**

1988-2001 (185,200,225HP) Loop Charged, Carbureted Engines w/ Quick Start & S.L.O.W., 8500 RPM Limit

**Replaces**  
 113-6212, 113-4037

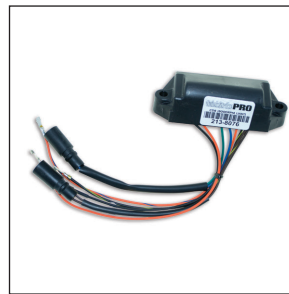
Includes:  
 213-6667K1,  
 173-3117



**233-4586**  
**High Performance Digital Timer Base 6 Cyl.**

1988-2001 (185,200,225HP) Loop Charged, Carbureted Engines w/ Quick Start & S.L.O.W.

**Replaces**  
 133-3533  
 Only for use w/ 213-6665 & 213-6667



**213-8076**  
**High Performance Digital Power Pack 8 Cyl.**

1985-1987 (275 & 300HP - V8 4 Required) 8500 RPM Limit

**Replaces**  
 567562, 568076



**121-BR50-2.5**  
**Shift Assist Ballast Resistor**

**121-BRO-1.5**

1.5 Ohm 50 W Resistor

**121-BRO-2**

2.0 Ohm, 50 W Resistor



**121-BR50-3**  
**Shift Assist Ballast Resistor**

3.0 Ohm, 50 W Resistor



### 123-7566 Shift Assist Delco Distr.

ESA for Delco Distributor w/ Tach.  
Output and Single 5 Pin Connector

**Replaces**  
3854714, 987874, 987566, 987397,  
763806



### 123-7567 Shift Assist

Use with Prestolite BID Distributor:  
(GM 4.3 Liter, 6 Cyl.)

**Replaces**  
987875, 987567, 987403, 986999,  
763786



### 123-7571 Shift Assist

Use with Prestolite BID Distributor: GM  
5.7L, Ford 5.0L, HO & Ford 5.8L) 8 Cyl.

**Replaces**  
987400, 987564, 987704, 987571,  
987876, 987877, 763788



### 123-7878 Shift Assist Delco Distr.

ESA for Delco Distributor w/ Tach.  
Output and Dual Connectors

**Replaces**  
986610, 987878, 987396



### 123-9800 Shift Assist Points & Elect. Distr.

High amperage ESA for Delco HEI  
Distributors w/ coil in cap. Component of  
the 423-3000 \*See Page ( ) for 423-3000  
Conversion Kit \*Can be used in place of  
123-9898-P)

**Replaces**  
986837, 987738, 987739, 987740,  
982774, 984036, 984276, 984281,  
985902, 986342, 984730, 984740,  
982749, 982755, 9-24500, 9-24501



### 123-9898-P Shift Assist Points & Elect. Distr.

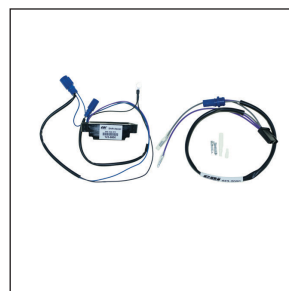
ESA for Points Distributor or  
Electronics Points Replacement  
Distributor

**Replaces**  
986837, 987738, 987739, 987740,  
982774, 984036, 984276, 984281,  
985902, 986342, 984730, 984740,  
982749, 982755, 9-24500, 9-24501



### 423-2000 Engine Adapter Harness

Delco HEI Distributor  
Use w/ 423-3000



### 423-3000 ESA Conversion Kit

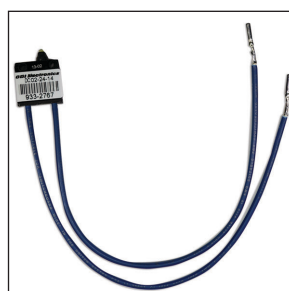
Delco HEI (Coil in Cap)  
Includes 423-2000 & 123-9800



### 423-7731 ESA Adapter Harness

Adapts Single 5 Wire to 4 & 2 Pin  
Connector OMC ESA Adapter Harness

**Replaces**  
987700, 987731



### 933-2767 OMC Shift Switch

Component of the 933-4051

**Replaces**  
982767



**933-4051**  
**OMC Shift Switch Assembly**

OMC Stern Drive

**Replaces**  
984051

Includes: 133-6343, 213-4985, 273-4981RS, 931-4921



**133-0875K1**  
**Timer Base Replacement Coil 2 Cyl.**

1971-1977 (50 & 55HP) w/Screw Terminal Power Pack

**Replaces**  
385454, 580875, 581508, 581585, 763804

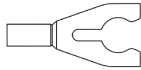
Includes: Sensor Gap Gauge



**133-1251**  
**Timer Base 3 Cyl.**

1972-1978 (65,70 & 75HP) Cross Flow Engines, w/Screw Terminal Power Pack

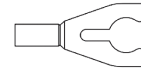
**Replaces**  
580970, 581251



**133-1486**  
**Timer Base 6 Cyl.**

1976-1978 (150,175,200 & 235HP) Cross Flow Engines

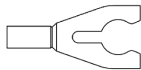
**Replaces**  
581486



**133-1900**  
**Timer Base 4 Cyl.**

1973-1977 (85,115,135 & 140HP) w/Screw Terminal Power Pack

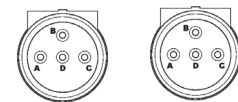
**Replaces**  
581900, 581300, 763778, 385433



**133-3048**  
**Timer Base 6 Cyl.**

1986-1987 (200 & 225HP)

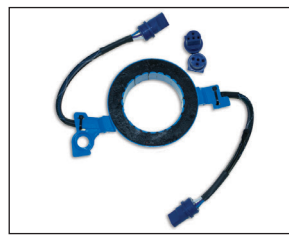
**Replaces**  
583048



**133-3376**  
**Timer Base 4 Cyl.**

1978-1987 (85,88,90,100,110,115 & 140HP) Cross Flow Engines w/ Twin Power Packs

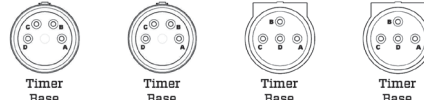
**Replaces**  
763783, 583376, 582041, 581812, 583127, 583128



**133-3377**  
**Timer Base 6 Cyl.**

1979-1988 (150,155,175,185,200 & 235HP) Cross Flow Engines w/ Twin Power Packs

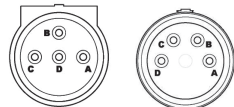
**Replaces**  
763783, 583376, 582041, 581812, 583127, 583128



**133-3378**  
**Timer Base 3 Cyl.**

1979-2001 (60,65,70 & 75HP) without Quick Start

**Replaces**  
763777, 584562, 584269, 583378, 583131, 581949, 583060, 582724

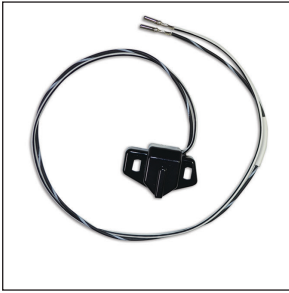


**133-3379**  
**Timer Base 4 Cyl.**

1985-1998 (65,80,85,88,90,100, 112,115,120,125 & 140HP) Cross Flow Engines without Quick Start

**Replaces**  
282514, 583289, 583379, 583045, 763776





**133-3387**  
**Timer Base 2 Cyl.**

1977-2005 (4-60HP) 2 Wire Timer Base

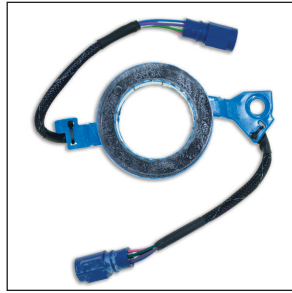
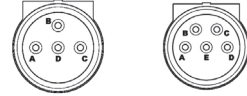
**Replaces**  
585072, 584716, 583387



**133-3508**  
**Timer Base 4 Cyl.**

1988-2001 (120,125,130,135 & 140HP) Loop Charged Engines w/ Quick Start & S.L.O.W.

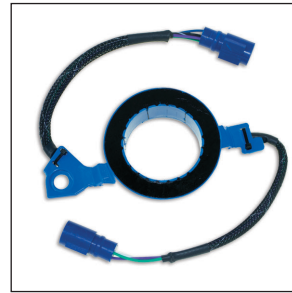
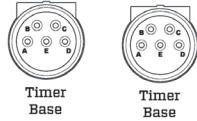
**Replaces**  
763782, 583508



**133-3531**  
**Timer Base 8 Cyl.**

1988-1998 (250, 275 & 300HP) Loop Charged Engines w/ Quick Start & S.L.O.W.

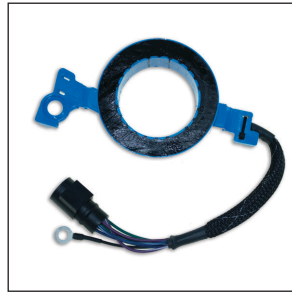
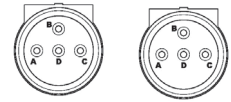
**Replaces**  
583531



**133-3533**  
**Timer Base 6 Cyl.**

1988-2001 (185,200,225 & 250HP) Loop Charged Engines w/ Quick Start & S.L.O.W.

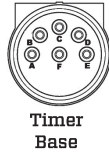
**Replaces**  
584586, 583533, 763775



**133-3715**  
**Timer Base 6 Cyl.**

1989-1991 (150HP) Cross Flow Engines, Single Power Pack without Quick Start or S.L.O.W.

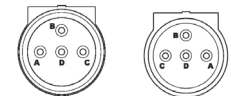
**Replaces**  
583715



**133-3853**  
**Timer Base 6 Cyl.**

1989 -1992 (150, 155 & 175HP) Cross Flow Engines, w/ Quick Start & S.L.O.W.

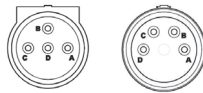
**Replaces**  
763774, 584363, 583853



**133-4558**  
**Timer Base 3 Cyl.**

1988-1998 (60,65 & 70HP) without Quick Start

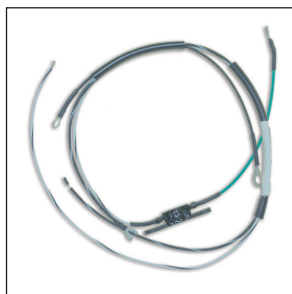
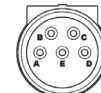
**Replaces**  
584558, 583395



**133-4804**  
**Timer Base 3 Cyl.**

1993-2001 (50,60,65 & 70HP) Loop Charged Engines w/ Quick Start & S.L.O.W.

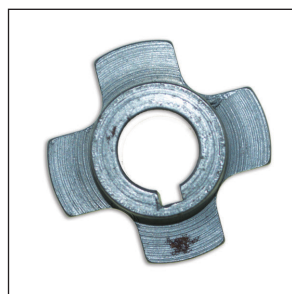
**Replaces**  
584804, 584805, 763773



**133-5008**  
**Timer Base Sensor 4 Cyl.**

1968-1972 (100,115, & 125HP) Without Points. Requires Phase 2 Rotor

**Replaces**  
382534, 385008, 384461



**133-5107**  
**Timer Base Rotor 4 Cyl.**

1967-1968, Engines w/ Belt Driven Distributor

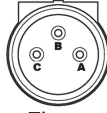
**Replaces**  
510705



**133-5386**  
**Timer Base 2 Cyl.**

1992-2005 (35,40 & 50HP) 2 Stroke Engines Using a 3 Wire Timer Base, w/ S.L.O.W.

**Replaces**  
763808, 175386



Timer Base



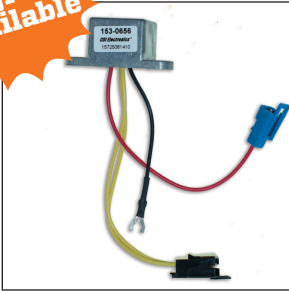
**133-6343**  
**Timer Base Optical Sensor 4/6 Cyl.**

1995-2006 (80 JET,90,105,100 & 115HP - 4 Cyl.) 1991-2006 (150 & 175HP - 6 Cyl.) Carbureted 60 Degree Engines

**Replaces**  
584914, 586343, 584265

**Upgrade Available**

**Upgrade Available**



**153-0656**  
**Rectifier**

1967 (80HP) 3 Wire Replacement, Double Plug

**Replaces**  
580656

**Not for Use w/Maint. Free Batteries**

**Reg/Rec Upgrade Available! See 193-0656 on Page 38**



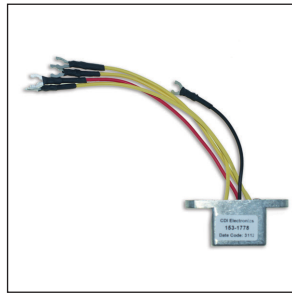
**153-0705**  
**Rectifier 3/4 Cyl.**

1968-1969 (55HP - 3 Cyl.) 1968-1969 (65,85 & 115HP - 4 Cyl.) 3 Wire Replacement, w/ Plug

**Replaces**  
580698, 580705, 580771

**Not for Use w/ Maint. Free Batteries Reg/Rec Upgrade Available! See 193-0705 on Page 38**

**Upgrade Available**



**153-1778**  
**Rectifier 2 Cyl.**

1974-2005 (4-60HP) 4 Wire Replacement

**Replaces**  
173692, 581778, 585035, 583940, 582304

Includes: 4 Wire Replacement

**Not for Use w/ Maint. Free Batteries**



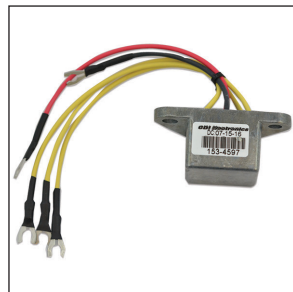
**153-3408**  
**Rectifier 2/3/4/6 Cyl.**

1969-2000 (50-235 HP) 3 Wire Replacement, Engines Using a Rectifier Only

**Replaces**  
580795, 581603, 583408, 582307, 582399, 390124

**Not for Use w/ Maint. Free Batteries Reg/Rec Upgrade Available! See 193-3408 on Page 38**

**Upgrade Available**



**153-4597**  
**Rectifier 2 Cyl.**

1993-2001 (9.9,10 & 15HP) 4 Wire Replacement Bullet Connectors

**Replaces**  
584597

**Not for Use w/ Maint. Free Batteries**



**153-5081**  
**Rectifier 2 Cyl.**

1995-2000 (15HP) 4-Stroke Engines, 3 Wire Replacement, w/ Plug

**Replaces**  
585081

**Not for Use w/ Maint. Free Batteries Reg/Rec Upgrade Available! See 193-5081 on Page 39**

**Upgrade Available**



**153-5114**  
**Rectifier 2 Cyl.**

1993-2000 (5,6,8,9.9,10 & 15HP) 4-Stroke Engines w/3 Wire Replacement, Bullet & Ring Connectors

**Replaces**  
445091, 445114

**Not for Use w/ Maint. Free Batteries**

**Reg/Rec Upgrade Available! See 193-5114 on Page 28**



**158-9501**  
**Rectifier**

2 Wire Battery Charged Systems, Rectifier Only

**Replaces**

32800-95720, 32800-95D00, 32800-95D01, 3G2-76060-0, 3G276-0600, 3G2760600M, 3B2-76060-0, 3B276-0600, 3B2760600M, 3B276-0600M, 37176-0600, 362-76060-0, 36276-0600, 362760600M, 36276-0600M, 346-76060-0, 34676-0600, 346760600M, 346-76060-1, 34676-0601, 346760601M, 353-76060-1, 35376-0601, 353760601M, 35376-0601M, 361-76060-0, 361760600M, 36176-0600M

**CDI EXCLUSIVE**



**193-0656  
Regulated Rectifier  
4 Cyl.**

1967 (80HP) 3 Wire Replacement,  
Double Plug

**Replaces**  
153-0656

Designed for use with maintenance  
free batteries

**CDI EXCLUSIVE**



**193-0705  
Regulated Rectifier  
4 Cyl.**

1968 (100HP) 3 Wire Replacement  
w/ Plug

**Replaces**  
153-0705

Designed for use with maintenance  
free batteries



**193-2905  
Voltage Regulator  
10 amp**

1984 (150 & 235HP)

**Replaces**  
582616, 582905

**CDI EXCLUSIVE**



**193-3408  
Regulated Rectifier  
2/3/4/6 Cyl.**

1969-2000 (50-235 HP) 3 Wire  
Replacement, Engines Using a  
Rectifier Only

**Replaces**  
153-3408, 580841

Designed for use with maintenance  
free batteries



**CDI EXCLUSIVE**

**193-3689  
Voltage Regulator  
6/8 Cyl., 35 amp**

1986-1992 (175,185,200 & 225HP - 6  
Cyl.) 1985-1992 (250,275 & 300H  
- 8 Cyl.)

**Replaces**  
586000, 586272, 583266, 583689,  
584424, 878334

Redesigned for use with maintenance  
free batteries

**CDI EXCLUSIVE**

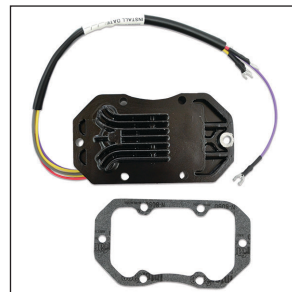


**193-4093  
Voltage Regulator  
6 Cyl., 35 amp**

1991-1995 (150 & 175HP)  
1992-1998 (105HP JET) 60  
Degree Engines

**Replaces**  
584093, 585219, 439561, 878768

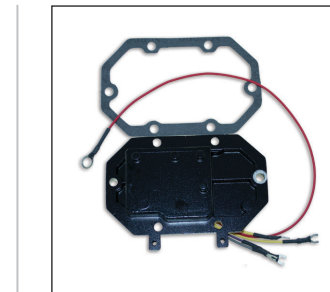
Redesigned for use with maintenance  
free batteries



**193-4204  
Voltage Regulator  
4/6 Cyl., 10 amp**

1984-1998 (65 JET,80 JET, 85, 88,  
90,100,112,115 & 140HP - 4 Cyl.)  
1984-1990 ( 150,155,185 & 235HP - 6  
Cyl.) Cross Flow Engines

**Replaces**  
585129, 585195, 583529, 584204,  
878331



**193-4205  
Voltage Regulator  
4 Cyl., 10 amp**

1985-2001 (120,125,130,135 &  
140HP) Loop Charged Engines

**Replaces**  
584205, 583512, 582907, 584675,  
585192, 878332



**193-4476  
Voltage Regulator  
2/3/4 Cyl., 10 amp**

1992-2005 (40 & 50HP- 2 Cyl. w/  
Three Wire Trigger) 1992-2001  
(25,40,50,60,65 & 70HP - 3 Cyl. w/  
S.L.O.W) 2000-2001 (105HP - 4 Cyl.  
4-Stroke,Tiller Kit 60 Degree Engines)

**Replaces**  
584476, 585001

**CDI EXCLUSIVE**



**193-4641  
Voltage Regulator  
6/8 Cyl., 35 amp**

1993-2001 (185,200,225 & 250HP  
- 6 Cyl. Loop Charged, Carbureted  
Engines) 1993-1997 (250 &  
300HP- 8 Cyl.)

**Replaces**  
584641, 586271, 585995, 878333

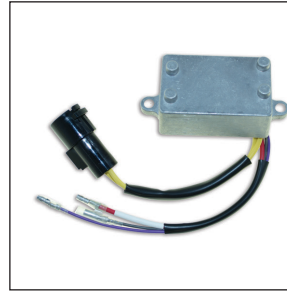
Redesigned for use with maintenance  
free batteries



**193-4847**  
**Voltage Regulator**  
**4 Cyl., 20 amp**

1995 (90 & 115HP) 60 Degree Engines w/ Plug  
**Replaces**  
584847

Redesigned for use with maintenance free batteries



**193-4890**  
**Voltage Regulator**  
**2/3 Cyl., 10 amp**

1995-1998 (9.9HP - 2 Cyl., 4 Stroke Engines) 1996-2001 (25 & 35HP - 3 Cyl., 60 Degree Engines)

**Replaces**  
584890



**193-5081**  
**Regulated Rectifier**

1995-2000 (15HP) 4-Stroke Engines, 3 Wire Replacement, w/ Plug

**Replaces**  
153-5081

Designed for use with maintenance free batteries



**193-5114**  
**Regulated Rectifier**  
**2 Cyl.**

1993-2000 (5,6,8,9,9,10 & 15HP) 4-Stroke Engines w/3 Wire Replacement, Bullet & Ring Connectors

**Replaces**  
153-5114

Can also be used on older Mercury rectifier only systems

Designed for use with maintenance free batteries



**193-5204**  
**Voltage Regulator**  
**4/6 Cyl., 35 amp**

1984-1991 (150,155,175,185 & 235HP- 6 Cyl.) 1992 (110,115 & 140HP 4 Cyl. w/35 amp upgrade)

**Replaces**  
583076, 582904, 584423, 583268, 395204, 395391, 878335

Redesigned for use with maintenance free batteries



**193-6048**  
**Voltage Regulator**  
**4/6 Cyl., 20/35 amp**

1996-2006 (80 JET,90,100 & 115HP - 4 Cyl.) 1996-2006 (105,150 & 175HP - 6 Cyl.) 60 Degree Engines

**Replaces**  
586048, 586075

Redesigned for use with maintenance free batteries



**193-8335**  
**Voltage Regulator**  
**Starter/Generator**  
**Combainiton Unit**

Early Johnson Evinrude Engines with Starter/Generator Combination Unit

**Replaces**  
378335

**Avoid Over-Voltage Issues With**  
**CDI's Regulated Rectifiers!**

A standard rectifier has been used on engines for years. It will allow a battery to charge quickly, but what many do not realize is that it cannot control the state of that charge (See Chart A). A rectifier also has higher AC ripples, which can cause many electronics, such as GPS, Fish Finder, etc... to have erratic readings, and on many occasions, fail.

The difference between a standard rectifier and our new *regulated* rectifier is simple. The *regulated* rectifier has new technology that provides a more stable charge to the battery (See Chart B). A more stable charge will prevent battery damage and even prolong the battery's life. The regulated rectifier also converts AC signals to DC signals, leaving no interference to other electronics.

Chart A

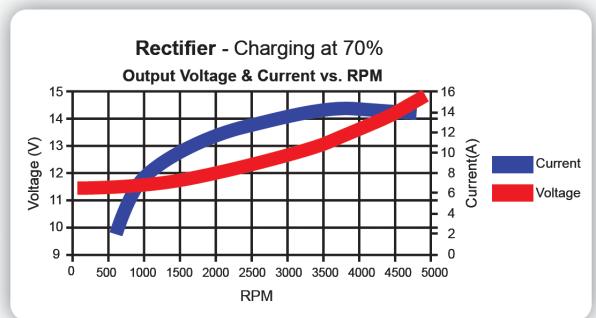
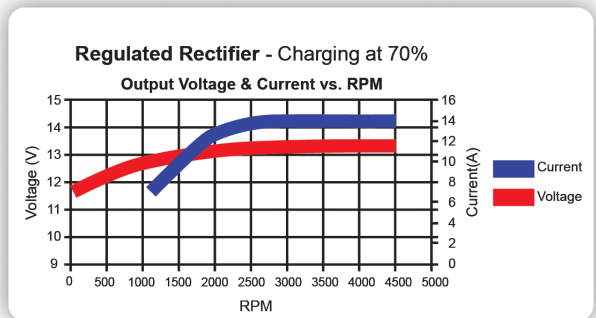


Chart B







### 173-1130 Stator Coil 2 Cyl.

1973-1976 (18,20 & 25HP) Manual Start Engines, Replacement Driver Coil Only

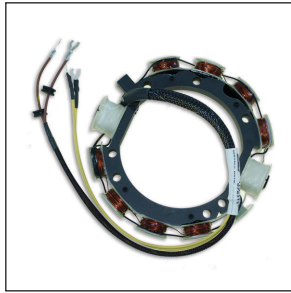
**Replaces**  
581130, 763809



### 173-1202 Stator Coil 2 Cyl.

1974-1976 (9.9,15,35 & 40HP) 1983 (40HP - Comm) Replacement Driver Coil Only

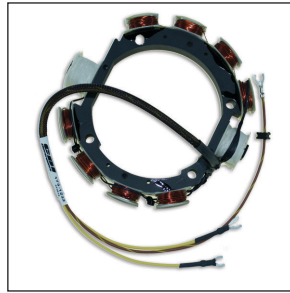
**Replaces**  
763784, 581202



### 173-1225 Stator 4 Cyl., 6 amp, PP4

1973-1977 (85,115,135 & 140HP) Screw Terminal Power Pack, No RPM Limit

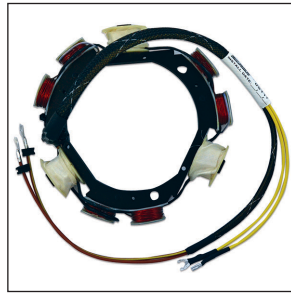
**Replaces**  
763772, 581225, 581046



### 173-1232 Stator 2 Cyl., 6 amp, PP2

1971-1975 (50HP) 1976-1977 (55HP), No RPM Limit, Screw Terminal Power Pack

**Replaces**  
775530, 580809, 581232



### 173-1235 Stator 3 Cyl., 6 amp, PP3

1972-1978 (65,70 & 75HP - 3 Cyl.) 1976-1978 (150,175,200 & 235 HP - 6 Cyl. - 2 Req.) Cross Flow Engines, Screw Terminal Power Pack

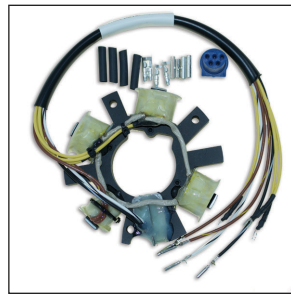
**Replaces**  
510839, 581301, 581114, 580950, 581235, 763771



### 173-1557 Stator Coil 2 Cyl.

1974-1976 (9.9,15,35 & 40HP) Elec. Start Engines, Replacement Driver Coil Only

**Replaces**  
763810, 581557



### 173-1651 Stator 2 Cyl., 5 amp

1977-1999 (9.9,10,15,20,25,35,50,55 & 60HP) Contains Charge Coil, Timer Base & Battery Charge

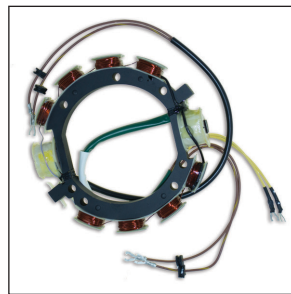
**Replaces**  
763770, 581651, 585087, 584755



### 173-1670 Stator Coil 2 Cyl.

1977-2007 (4-60HP) Replacement Charge Coil

**Replaces**  
5000611, 581670, 584504, 584840, 585073



### 173-1867 Stator 6 Cyl., 10 amp, PP3/6

1976-1978 (150,175,200 & 235HP) Cross Flow Engines, Screw Terminal Power Pack

**Replaces**  
581505, 581867



### 173-2099 Stator 4 Cyl., 12 amp, PP4

1973-1977 (85,115,135 & 140HP) Screw Terminal Power Pack, No RPM Limit

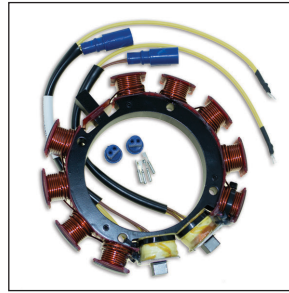
**Replaces**  
581680, 581303, 581860, 582099



**173-2926K 1**  
**Stator Coil 2 Cyl., 5 amp**

1977-2007 (4-60HP) Replacement Charge Coil

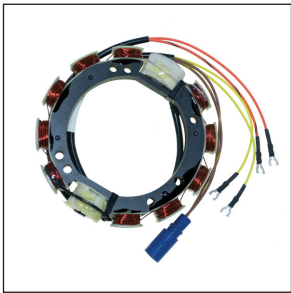
**Replaces**  
582926



**173-3117**  
**Stator 6/8 Cyl., 35 amp**

1986-1987 (200 & 225HP - 6 Cyl.)  
1985-1987 (275 & 300HP - 8 Cyl.)

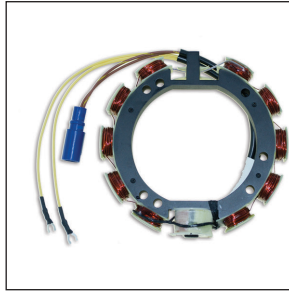
**Replaces**  
583670, 582847, 583117



**173-3410**  
**Stator 4 Cyl., 9 amp**

1988-2001 (120,125,130,135 & 140HP) Loop Charged Engines w/ Quick Start & S.L.O.W.

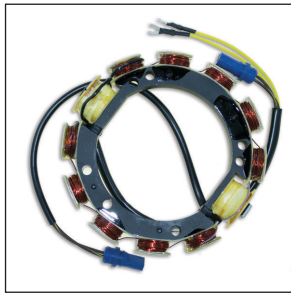
**Replaces**  
763769, 583410



**173-3536**  
**Stator 4 Cyl., 9 amp**

1988-1998 (65 JET,80 JET,85,88,90,100,112 & 115HP) Cross Flow Engines

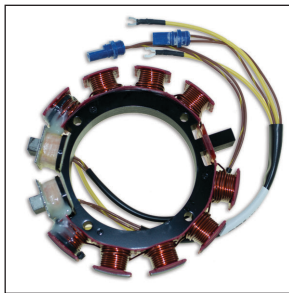
**Replaces**  
763767, 583536, 583340



**173-3537**  
**Stator 6 Cyl., 9 amp**

1988 (150HP) Cross Flow Engines w/ Twin Power Packs

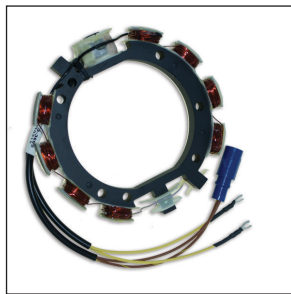
**Replaces**  
583537



**173-3668**  
**Stator 6 Cyl., 35 amp**

1984-1988 (150,155,175,185, & 235HP) Cross Flow Engines without Quick Start

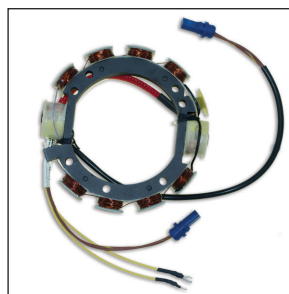
**Replaces**  
583274, 583668, 582574, 583050, 763785



**173-3669**  
**Stator 4 Cyl., 9 amp**

1985-1987 (120 & 140HP) Loop Charged Engines Using a Single Power Pack

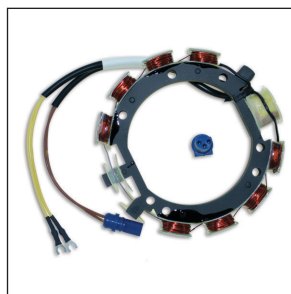
**Replaces**  
763766, 583669, 583013, 583118



**173-3672**  
**Stator 4/6 Cyl., 9 amp**

1978-1987 (85,90,100,110,115 & 140HP - 4 Cyl.) 1979-1987 (150,175,185,200 & 235HP - 6 Cyl.) Cross Flow Engines

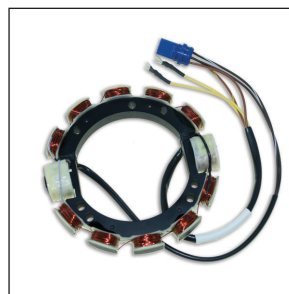
**Replaces**  
583104, 583023, 582867, 582497, 582404, 581830, 581865, 582016, 582023, 581987, 583671, 583672, 763781



**173-3724**  
**Stator 3 Cyl., 9 amp**

1979-1990 (60,65,70 & 75HP)

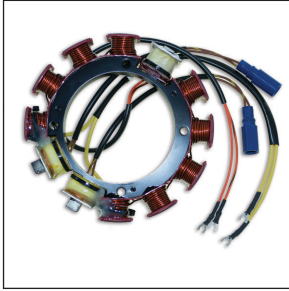
**Replaces**  
583644, 583724, 583729, 583830, 581957, 582730, 582636, 582506, 583119, 763780



**173-3837**  
**Stator 6 Cyl., 9 amp**

1989-1991 (150HP CX/JL,TL,TX Model Engines) 1989-1990 (155HP - Comm Engines) Cross Flow Engines

**Replaces**  
583837

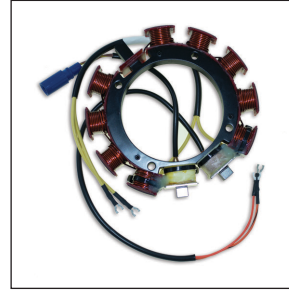


### 173-4287

#### Stator 6/8 Cyl., 35 amp

1988-1992 (185,200 & 225HP - 6 Cyl.) 1988-1994 (250, 275 & 300HP - 8 Cyl.) Loop Charged Engines w/ Quick Start & S.L.O.W.

**Replaces**  
763765, 584287, 583415

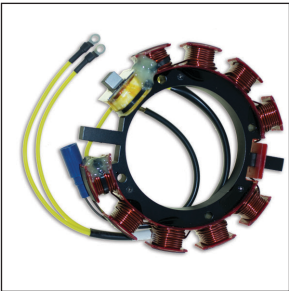


### 173-4288

#### Stator 4 Cyl., 35 amp

1988-1999 (120,130 & 140HP) Loop Charged Engines w/ 35 amp Upgrade Kit

**Replaces**  
583561, 584288

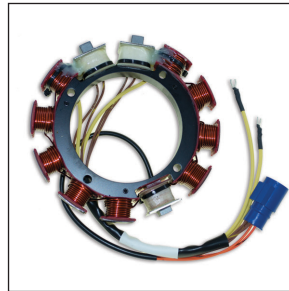


### 173-4291

#### Stator 4/6 Cyl., 35 amp

1985-1987 (120,140 & 150HP) w/ 35 amp Upgrade Kit

**Replaces**  
584291, 582654



### 173-4292

#### Stator 6 Cyl., 35 amp

1989 -1992 (150, 155 & 175HP) Cross Flow Engines, w/ Quick Start & S.L.O.W.

**Replaces**  
584292, 583710, 763764

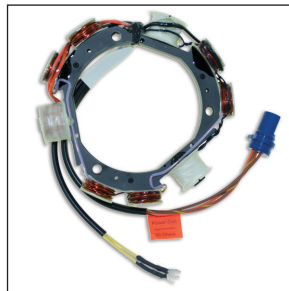


### 173-4333

#### Stator Coil 2 Cyl.

1988-1992 (35HP) Engines using the Under Flywheel Ignition

**Replaces**  
584333, 583485

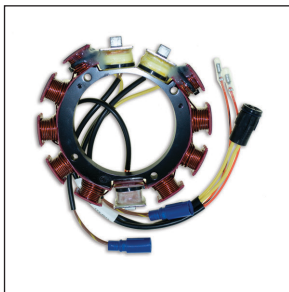


### 173-4560

#### Stator 2/3 Cyl., 12 amp

1992-2005 (35 JET,40 &50HP - 2 Cyl. w/ S.L.O.W.) 1992-2001 (50,60,65 & 70HP 3 Cyl. w/ Quick-Start & S.L.O.W.)

**Replaces**  
584560, 763763

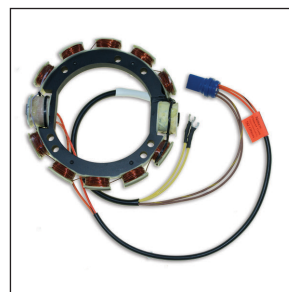


### 173-4643

#### Stator 6/8 Cyl., 35 amp

1993-2001 (185,200 & 225HP - 6 Cyl.) 1995-2001 (250 & 300HP - 8 Cyl.) Loop Charged Engines w/ Quick Start & S.L.O.W.

**Replaces**  
584643, 763779

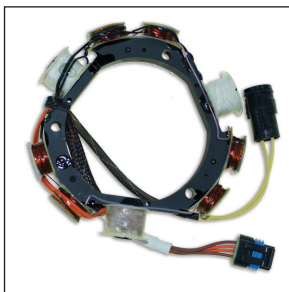


### 173-4766

#### Stator 3 Cyl., 9 amp

1989-1998 (60, 65 & 70HP) w/ S.L.O.W.

**Replaces**  
763762, 584766, 583779, 584236

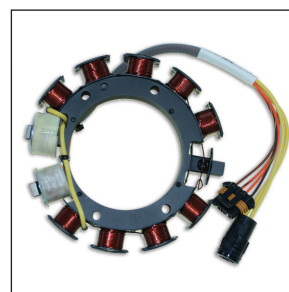


### 173-4821

#### Stator 2 & 3 Cyl., 12 amp

1995-1997 (9.9HP - 2 Cyl., 4-Stroke) 1996-2001 (25 & 35HP - 3 Cyl., 60 Degree)

**Replaces**  
584548, 584821, 763761

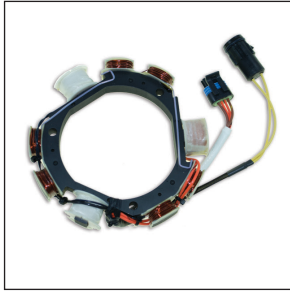


### 173-4849

#### Stator 4 Cyl., 20 amp

1995-2006 (80 Jet,90,100,105 Comm & 115HP) 60 Degree Engines, w/ Quick Start & S.L.O.W.

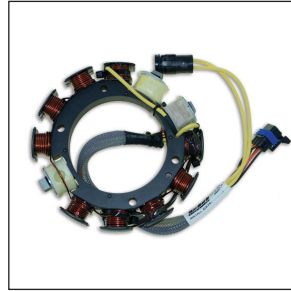
**Replaces**  
763760, 584849



**173-4954**  
Stator 2/3 Cyl., 6 amp

1995-2000 (15HP - 2 Cyl., 4-Stroke)  
1996-2001 (25 & 35HP - 3 Cyl., 60 Degree)

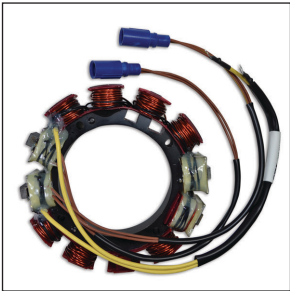
**Replaces**  
584940, 584954



**173-4981**  
Stator 6 Cyl., 35 amp

1991-2006 (105 JET, 150 & 175HP)  
60 Degree Engines

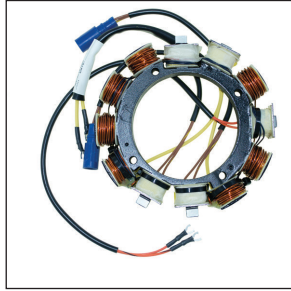
**Replaces**  
763759, 584981, 584109



**273-3117RS**  
High Performance Stator  
6 Cyl., 35 amp

1986-1987 (200 & 225HP - 6 Cyl.)  
1985-1987 (275 & 300HP - 8 Cyl.)

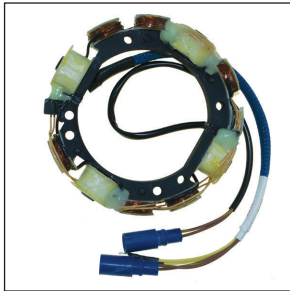
**Replaces**  
583117RS



**273-3415RS**  
High Performance Stator  
6 Cyl., 25 amp

1988-1992 (200 & 225HP) Loop  
Charged Engines

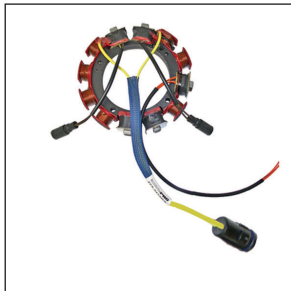
**Replaces**  
583415RS



**273-3672RS**  
High Performance Stator  
4/6 Cyl., 9 amp

1978-1987 (85-235HP)

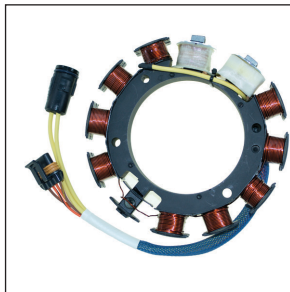
**Replaces**  
583672RS



**273-4643RS**  
High Performance Stator  
6 Cyl., 35 amp

1993-2001 (185,200,225,250,275 &  
300HP) Loop Charged Engines

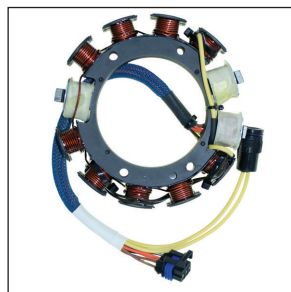
**Replaces**  
173-4643



**273-4849RS**  
High Performance Stator  
4 Cyl., 20 amp

1994-2006 (90 & 115HP) 60 Degree  
Engines, Recommended for 7000+  
RPM Conditions

**Replaces**  
173-4849



**273-4981RS**  
High Performance Stator  
6 Cyl., 35 amp

1991-2006 (150 & 175HP) 60 Degree  
Engines, Recommended for 7000+  
RPM Conditions

**Replaces**  
173-4981



**183-0002**  
Ignition Coil

Negative Polarity

**Replaces**  
586749

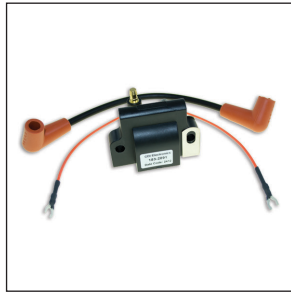


**183-0003**  
Ignition Coil, 2/3/4/6 Cyl.

1977-1984 (4-60HP - 2 Cyl.) 1979-  
1984 (65-75HP - 3 Cyl.) 1978-1984  
(85-140HP - 4 Cyl.) 1979-1984 (150-  
235 - 6 Cyl.) Cross Flow Engines

Positive Polarity

**Replaces**  
581686, 584561, 582106, 581997,  
581998, 581862, 582366, 582330



**183-2091**  
**Ignition Coil 2 Cyl.**

1971-1977 (50 & 55HP) Screw Terminal Power Pack

**Replaces**  
502888, 582091, 802363  
Includes: Plug Wire



**183-2303**  
**Ignition Coil 3/6 Cyl.**

1972-1978 (65.70 & 75HP - 3 Cyl.)  
1976-1978 (150-235 HP - 6 Cyl.)  
Cross Flow Engines, Screw Terminal Power Pack

**Replaces**  
502886, 582303, 582303-K, 581826  
Includes Plug Wire and Hardware



**183-2366**  
**Ignition Coil 2/3/4/6 Cyl.**

1977-1984 (4-60HP - 2 Cyl.) 1979-1984 (65-75HP - 3 Cyl.) 1978-1984 (85-140HP - 4 Cyl.) 1979-1984 (150-235 - 6 Cyl.) Cross Flow Engines

**Replaces**  
581686, 584561, 582106, 581997, 581998, 581862, 582366, 582330

Includes: Plug Wire



**183-2382**  
**Ignition Coil 3/4 Cyl.**

1968-1972 (55,60,85,100,115 & 125HP)

**Replaces**  
580847, 580730, 580740, 580688, 502882, 502884, 582382, 802365

Includes: Plug Wire



**183-2508**  
**Ignition Coil 2 Tower, 1/2/3/4/6/8 Cyl.**

1996-1999 (3.3HP - 1 Cyl.) 1985-2005 (4-60HP - 2 Cyl.) 1985-2001 (25-75HP - 3 Cyl.) 1985-2001 (65-140HP - 4 Cyl.) 1985-2001 (150-250HP - 6 Cyl.) 1985-1997 (250-300HP - 8 Cyl.)

**Replaces**  
582508

Includes: Plug Wire



**183-3737**  
**Universal Replacement Ignition Coil**

1972-2006, Universal Replacement Kit, Carbureted 2 Stroke Engines, 1 per Cyl.

**Replaces**  
502688, 583737

Includes: Plug Wire, Terminals and Hardware



**183-3740**  
**Ignition Coil 2/4/6 Cyl., Dual Coil, 2 Stroke**

1985-2006 (2.5-55HP - 2 Cyl.) 1995 (50HP - 3 Cyl.) 1995-2006 (80-115HP - 4 Cyl.) 1991-2006 (105-175HP - 6 Cyl.)

**Replaces**  
583740, 583298, 879614



**183-4477**  
**Ignition Coil 1/2 Cyl.**

1968-1985 (1.2-2HP - 1 Cyl.) 1968-1988 (3-40HP - 2 Cyl.) Magneto Ignition, Engines w/ Points and Condenser

**Replaces**  
GLM72100, 580971, 580197, 580416, 582931, 582995, 582370, 584477, 802371A 1



**183-4632**  
**Ignition Coil 4 Cyl.**

1973-1977 (85,115,135 & 140HP) Screw Terminal Power Pack

**Replaces**  
582160, 584632, 580821, 502890, 802373

Includes: Plug Wire and Hardware



**DID YOU KNOW?**

**cdielectronics.com** offers a parts search tool that allows you to search by manufacturer, HP, Year and Part, making it easy to find the part you need to get your customer's boat back on the water.

# Ficht EMM Repair



**CDI Electronics' Premier Repair Service is now offering FICHT repair, EMM Repair, and return service for Ficht Engine Management Module Systems from 1997 through present.**

**These components are no longer being manufactured or serviced by Johnson Evinrude, and Aftermarket service options are very limited. CDI Electronics is stepping up to help you repair your Ficht EMM units and keep your customer's boat on the water.**

**Let our trusted technical experts QUICKLY repair and return your Ficht EMM. Our Engineering Technicians will:**

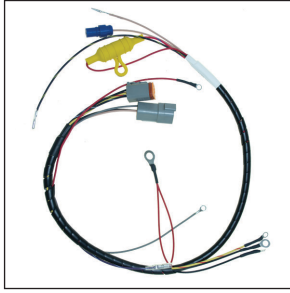
- Evaluate & Verify Failures
- Troubleshoot EMM & Repair All Failures
- Validate Injector Signal and Ignition Voltage Output
- Test Sensors and Regulator Output
- Update EMM with Latest Firmware
- Conduct 2 Rounds of Testing for Quality Assurance, including Industry-Leading Dynamic Testing
- Perform Incoming and Exit M.E.D.S. Check Reports along with our Custom Ficht EMM Test Report for an In-Depth Evaluation of Your Unit



## The Easiest Repair You'll Do!

1. Call 1.800.467.3371 to speak with Customer Service and receive your Return Authorization number.
2. Send a completed Ficht EMM Return Checklist with your unit to us! Let us quickly evaluate, repair and return the unit to you.
3. Install your EMM and **GET YOUR CUSTOMER BACK ON THE WATER!**

**Call Customer Service to get started or to ask any process questions: 1.800.467.3371**



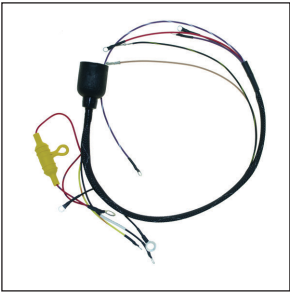
**413-0016**  
**Wiring Harness 2 Cyl.**

1996-2005 (20,25,28 & 30HP) Deutsch Plug  
**Replaces**  
586026, 5000016



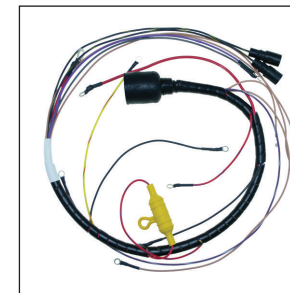
**413-1000**  
**Wiring Harness Kit**

Universal Kit w/ Terminals & Connectors for Round Plugs



**413-1377**  
**Wiring Harness 3 Cyl.**

1979-1984 (65,70 & 75HP) Cross Flow Engines, Round Plug  
**Replaces**  
391377, 389254, 394508, 395186



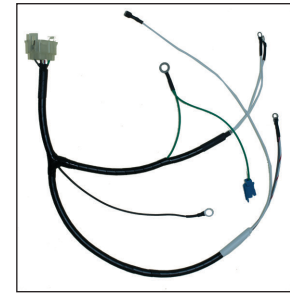
**413-1483**  
**Wiring Harness 8 Cyl.**

1985 (275 & 300HP)  
**Replaces**  
391483



**413-1536**  
**Wiring Harness 2 Cyl.**

1968 (30 & 40HP) Cross Flow Engines, Flat Plug  
**Replaces**  
381536



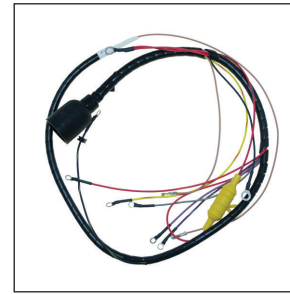
**413-1622**  
**Wiring Harness**

1967 VX (60HP) Cross Flow Engines, Flat Plug  
**Replaces**  
381622, 381626



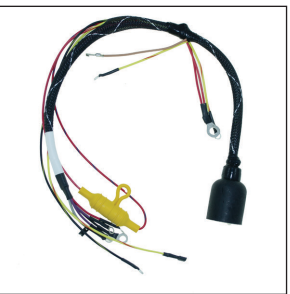
**413-1654**  
**Wiring Harness 4 Cyl.**

1967 (80HP) Speedifour Engines  
**Replaces**  
381654, 581654



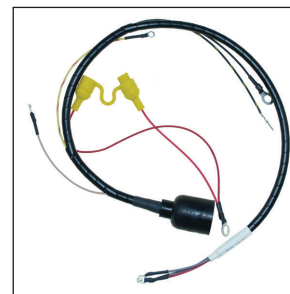
**413-1721**  
**Wiring Harness 4 Cyl.**

1977 (85,115 & 140HP) Cross Flow Engines, Round Plug  
**Replaces**  
581721



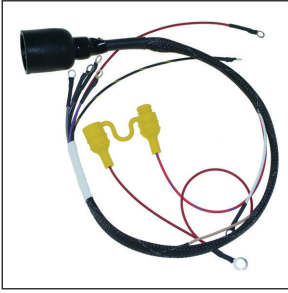
**413-1742**  
**Wiring Harness 2 Cyl.**

1974-1977 (50 & 55HP) Cross Flow Engines, Round Plug  
**Replaces**  
581742, 386422



**413-1818**  
**Wiring Harness 2 Cyl.**

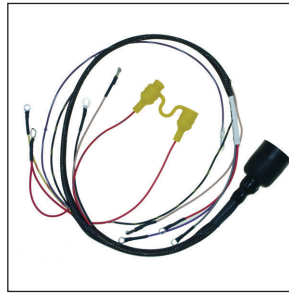
1982-1984 (20,25,30 & 35HP) Cross Flow Engines, Round Plug  
**Replaces**  
391818



**413-1886**  
**Wiring Harness 3 Cyl.**

1974-1977 (70 & 75HP) Cross Flow Engines, Round Plug

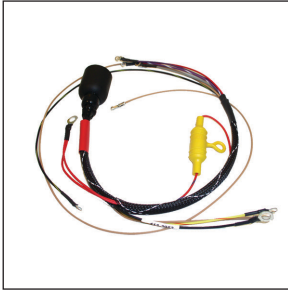
**Replaces**  
581745, 581886, 581523, 386333



**413-1975**  
**Wiring Harness 4 Cyl.**

1978 (85,115 & 140HP) Cross Flow Engines, Round Plug

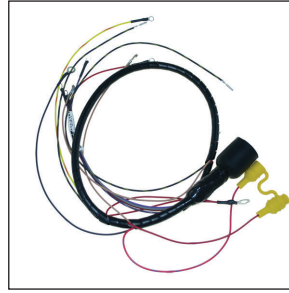
**Replaces**  
581975



**413-2053**  
**Wiring Harness 4 Cyl.**

1979 - 1980 (85,100, 115 & 140HP) Cross Flow Engines, Round Plug

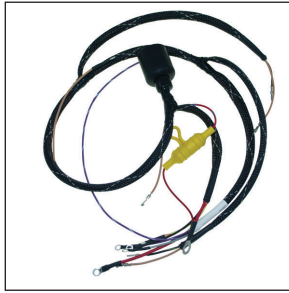
**Replaces**  
582053



**413-2161**  
**Wiring Harness 4 Cyl.**

1980-1982 (85,90,100,115 & 140HP) Cross Flow Engines, Round Plug

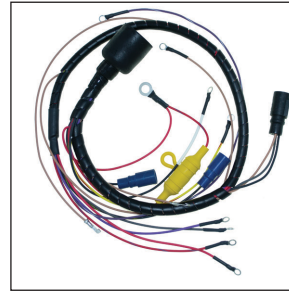
**Replaces**  
582161



**413-2866**  
**Wiring Harness 6 Cyl.**

1979-1984 (150,175,185,200 & 235HP) Cross Flow Engines, Round Plug

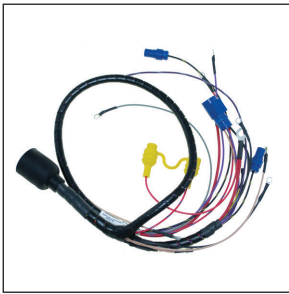
**Replaces**  
389452, 582866



**413-3035**  
**Wiring Harness 6 Cyl.**

1986-1987 (150,155 & 175HP) Cross Flow Engines, Round Plug

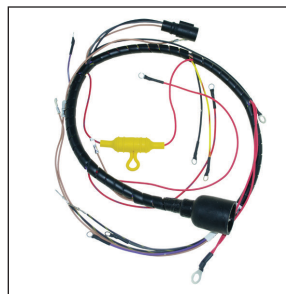
**Replaces**  
583035



**413-3036**  
**Wiring Harness 4 Cyl.**

1986-1987 (90,100 & 110HP) Cross Flow Engines, Round Plug

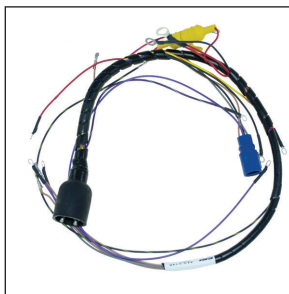
**Replaces**  
583036



**413-3047**  
**Wiring Harness 6 Cyl.**

1986-1987 (200 & 225HP) Loop Charged Engines, Twin Power Packs, Round Plug

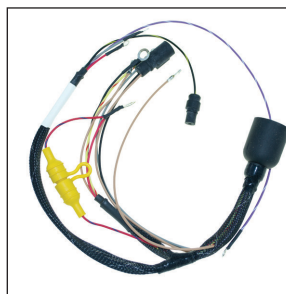
**Replaces**  
583047



**413-3145**  
**Wiring Harness 4 Cyl.**

1986-1987 (120 & 140HP) Loop Charged Engines, Round Plug

**Replaces**  
583145

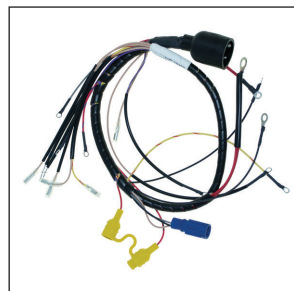


**413-3211**  
**Wiring Harness 2 Cyl.**

1986-1987 (35,40, 48 & 50HP) Round Plug

**Replaces**  
583211

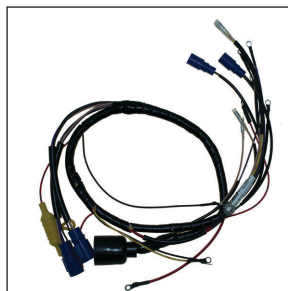




### 413-3282 Wiring Harness 6 Cyl.

1988-1990 (185,200 & 225HP) Loop Charged Engines w/ Quick Start & S.L.O.W., Round Plug

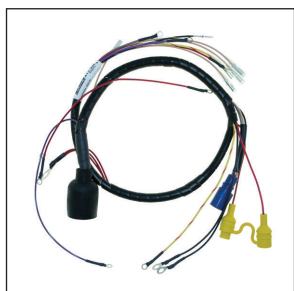
**Replaces**  
583282



### 413-3283 Wiring Harness 8 Cyl.

1988-1990 (275 & 300HP) Loop Charged Engines w/ Quick Start & S.L.O.W., Round Plug

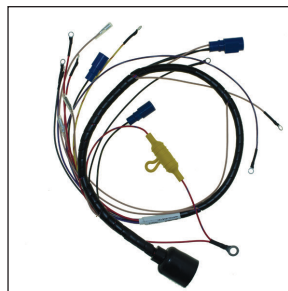
**Replaces**  
583283



### 413-3284 Wiring Harness 4 Cyl.

1989-1993 (120,125 & 140HP) Loop Charged Engines w/ Quick Start & S.L.O.W., Round Plug

**Replaces**  
583284



### 413-3294 Wiring Harness 6 Cyl.

1988 (150,155 & 175HP) Cross Flow Engines w/ Twin Power Packs, Round Plug

**Replaces**  
583294



### 413-3295 Wiring Harness 6 Cyl.

1989-1991 (150-175HP) Cross Flow Engines, Single Power Pack, w/o Quick Start or S.L.O.W. Round Plug

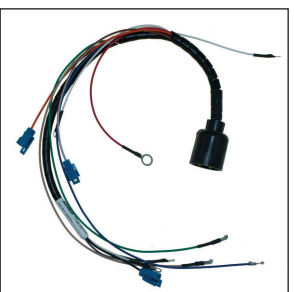
**Replaces**  
583295, 584016, 583709



### 413-3325 Wiring Harness 2 Cyl.

1969-1970 (40HP) Cross Flow Engines - Big Twin Engines, Round Plug

**Replaces**  
853325, 383325



### 413-3326 Wiring Harness 2 Cyl.

1969-1970 (40HP) Cross Flow Engines - Lark Engines, Round Plug

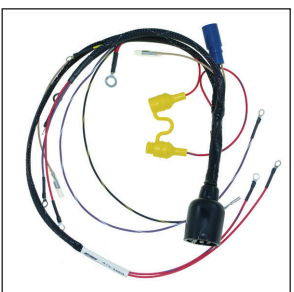
**Replaces**  
383326



### 413-3444 Wiring Harness 3 Cyl.

1988 (60 & 75HP) Cross Flow Engines, Round Plug

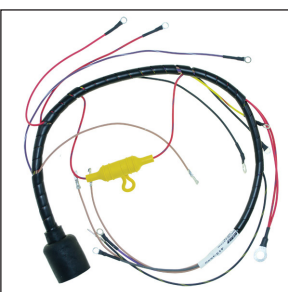
**Replaces**  
583444



### 413-3560 Wiring Harness 3 Cyl.

1988 (70HP) w/ Tilt & Trim

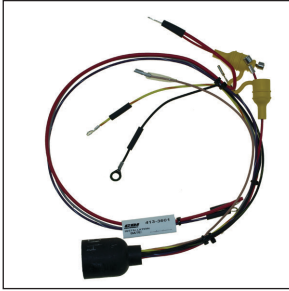
**Replaces**  
583560



### 413-3590 Wiring Harness 4 Cyl.

1985 (120 & 140HP) Loop Charged Engines, Round Plug

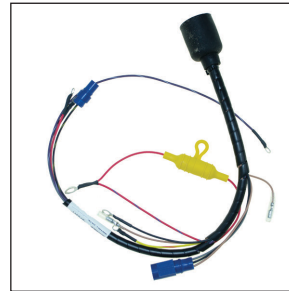
**Replaces**  
393590



**413-3601**  
**Wiring Harness 2 Cyl.**

1988 (20,28,30 & 35HP) Round Plug

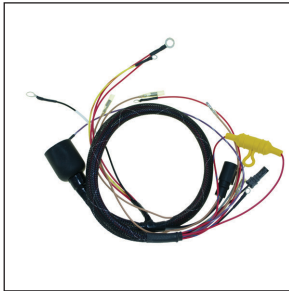
**Replaces**  
583601



**413-3602**  
**Wiring Harness 2 Cyl.**

1988 (40,45,48 & 50HP) Round Plug

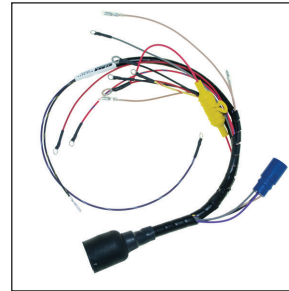
**Replaces**  
583602



**413-3649**  
**Wiring Harness 2 Cyl.**

1989-1990 (40,45,48 & 50HP) Round Plug

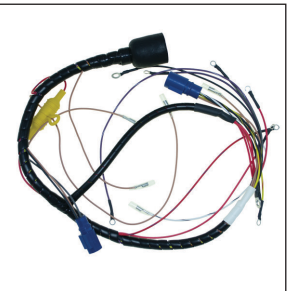
**Replaces**  
583649



**413-3771**  
**Wiring Harness 3 Cyl.**

1989-1990 (60,65 & 70HP) Round Plug

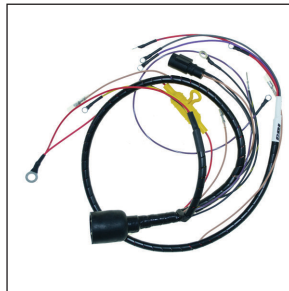
**Replaces**  
583771



**413-3852**  
**Wiring Harness 6 Cyl.**

1989-1990 (150,155 & 175HP) Cross Flow Engines, Round Plug w/ Quick Start & S.L.O.W.

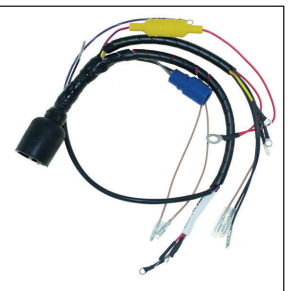
**Replaces**  
583852



**413-4004**  
**Wiring Harness 4 Cyl.**

1988-1993 (80,88,90,100 & 115HP) Cross Flow Engines, Round Plug

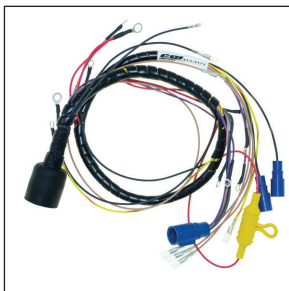
**Replaces**  
584004, 583703, 583338



**413-4169**  
**Wiring Harness 3 Cyl.**

1991 (60,65 & 70HP) Round Plug

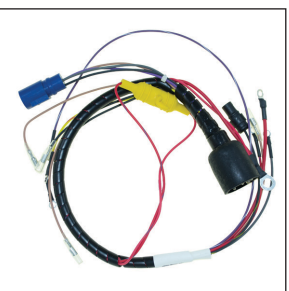
**Replaces**  
584169



**413-4171**  
**Wiring Harness 6 Cyl.**

1991 (185,200 & 225HP) Round Plug w/ Quick Start & S.L.O.W.

**Replaces**  
584171



**413-4218**  
**Wiring Harness 2 Cyl.**

1991 (40 & 48HP) Round Plug

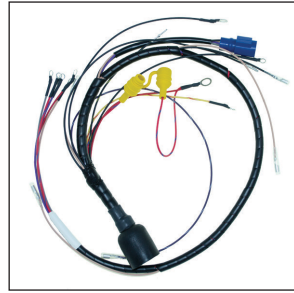
**Replaces**  
584218



**413-4221**  
**Wiring Harness 6 Cyl.**

1991 (150,155 & 175HP) Cross Flow Engines, Round Plug w/ Quick Start & S.L.O.W.

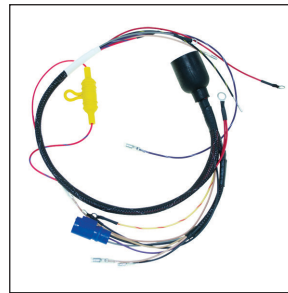
**Replaces**  
584221



### 413-4390 Wiring Harness 4 Cyl.

1992-1998 (65,80,85,88,90,100,112 & 115HP) Cross Flow Engines, Round Plug

**Replaces**  
584390



### 413-4398 Wiring Harness 2 Cyl.

1992-1997 (35,40,48,50 & 55HP) w/ S.L.O.W., Round Plug

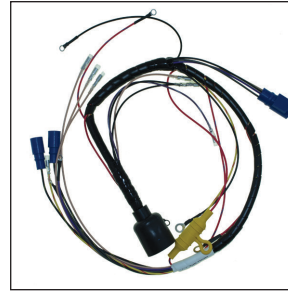
**Replaces**  
584398



### 413-4401 Wiring Harness 3 Cyl.

1992-1996 (25,50,65 & 70HP) Loop Charged Engines, Round Plug w/ S.L.O.W.

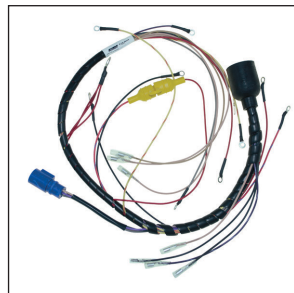
**Replaces**  
584401



### 413-4404 Wiring Harness 6 Cyl.

1992 (185,200 & 225HP) Loop Charged Engines, Round Plug w/ Quick Start & S.L.O.W.

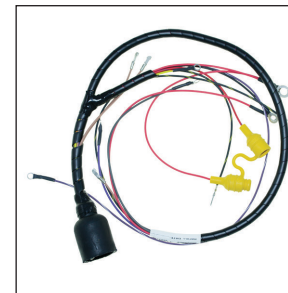
**Replaces**  
584404



### 413-4406 Wiring Harness 4 Cyl.

1992-1995 (120,125,130 & 140HP) Loop Charged Engines, Round Plug w/ Quick Start & S.L.O.W.

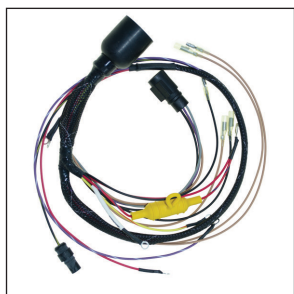
**Replaces**  
584406



### 413-4495 Wiring Harness 4 Cyl.

1984 (90,100,115 & 140HP) Cross Flow Engines, Twin Power Packs, Round Plug

**Replaces**  
394495



### 413-4603 Wiring Harness 3 Cyl.

1992-1995 (50,60 & 70HP) Round Plug w/ S.L.O.W.

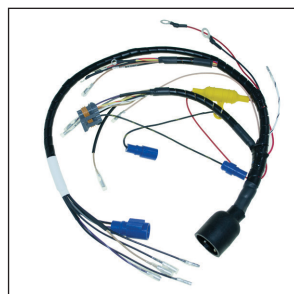
**Replaces**  
584603



### 413-4645 Wiring Harness 6 Cyl.

1993-1994 (185,200 & 225HP) Loop Charged Engines, Round Plug w/ Quick Start & S.L.O.W.

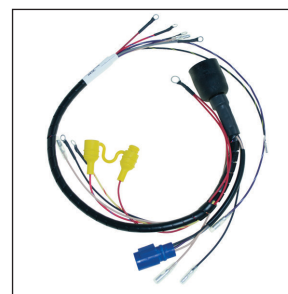
**Replaces**  
584645



### 413-4674 Wiring Harness 6 Cyl.

1991-1994 (105,150 & 175HP) 60 Degree Engines, Round Plug w/ Quick Start & S.L.O.W.

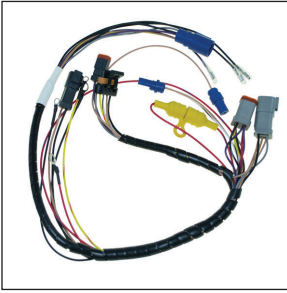
**Replaces**  
584674



### 413-4686 Wiring Harness 2 Cyl.

1992-1995 (35,40 & 50HP) Round Plug w/ S.L.O.W.

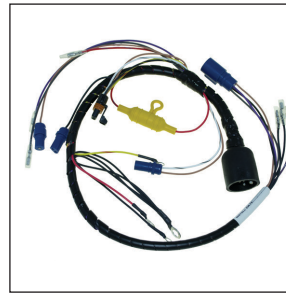
**Replaces**  
584686



### 413-4762 Wiring Harness Deutsch 4 Cyl.

1996-2006 (80,90,100,105 & 115HP)  
60 Degree Engines, Duetsch Con-  
nectors w/ Quick Start & S.L.O.W.

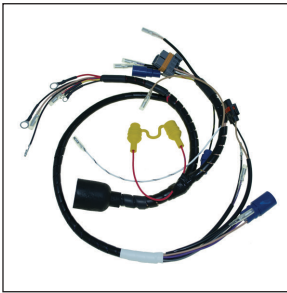
**Replaces**  
584762



### 413-5085 Wiring Harness 4 Cyl.

1995 (90 & 115HP) 60 Degree  
Engines, Round Plug w/ Quick Start  
& S.L.O.W.

**Replaces**  
585085



### 413-5240 Wiring Harness 6 Cyl.

1995 (105,150 & 175HP) 60 Degree  
Engines, Round Plug w/ Quick Start  
& S.L.O.W.

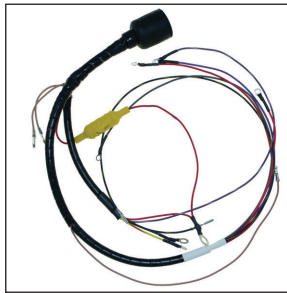
**Replaces**  
585240



### 413-5241 Wiring Harness 6 Cyl.

1995 (200 & 225HP) Loop Charged  
Engines, Round Plug w/ Quick Start &  
S.L.O.W.

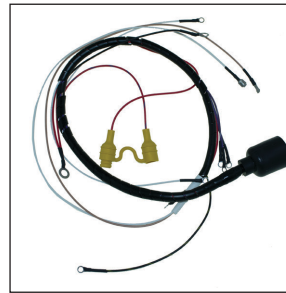
**Replaces**  
585241



### 413-5253 Wiring Harness 4 Cyl.

1985-1987 (88,90,100 & 115HP)  
Cross Flow Engines, Twin Power  
Packs, Round Plug

**Replaces**  
395253



### 413-5501 Wiring Harness 4 Cyl.

1973 (85,115 & 135HP) Cross Flow  
Engines, Round Plug

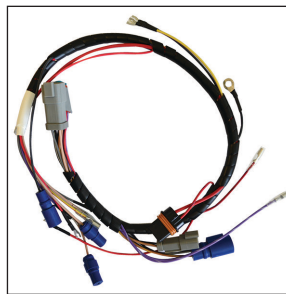
**Replaces**  
385501



### 413-5776 Wiring Harness 2 Cyl.

1973 (50HP) Cross Flow Engines,  
Round Plug

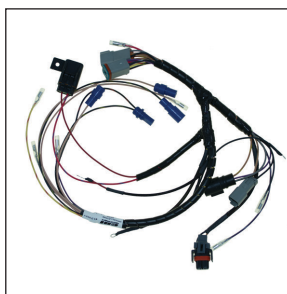
**Replaces**  
385776



### 413-6022 Wiring Harness 4 Cyl.

1996-2001 (130 & 135HP) Loop  
Charged, Carbureted Engines,  
Deutsch Connectors w/ Quick Start  
& S.L.O.W.

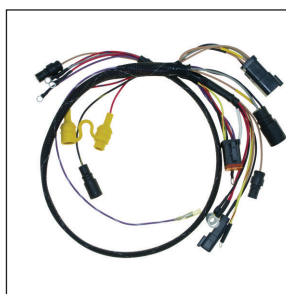
**Replaces**  
586022



### 413-6023 Wiring Harness 6 Cyl.

1996-1998 (200 & 225HP) Loop  
Charged, Carbureted Engines, Deutsch  
Connectors w/ Quick Start & S.L.O.W.

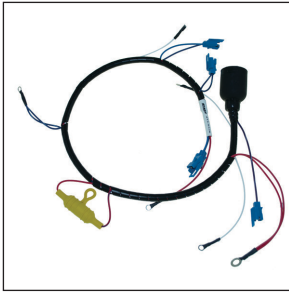
**Replaces**  
586023



### 413-6027 Wiring Harness 4 Cyl.

1996-1998 (88,90,100,112 & 115HP)  
Cross Flow Engines, Deutsch Con-  
nectors

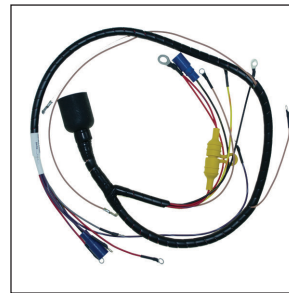
**Replaces**  
586027



**413-6336**  
**Wiring Harness 2 Cyl.**

1974-1976 (40HP) Cross Flow Engines,  
Round Plug

**Replaces**  
386336



**413-6409**  
**Wiring Harness 6 Cyl.**

1985 (150,155,175,185 & 235HP)  
Cross Flow Engines, Round Plug

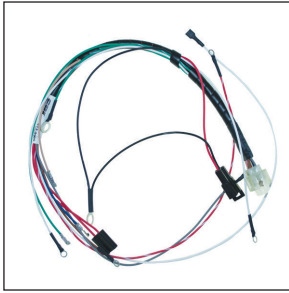
**Replaces**  
582915, 586409



**413-6720**  
**Wiring Harness 2 Cyl.**

1976 (35HP) Elec. Start Engines, Round Plug

**Replaces**  
386720



**413-9900**  
**Wiring Harness 4 Cyl.**

1965-1966 (75 & 100HP) Cross  
Flow Engines, Flat Plug

**Replaces**  
380097



**413-9901**  
**Wiring Harness 3 Cyl.**

1968 (55HP) Cross Flow Engines,  
Flag Plug

**Replaces**  
382640



**413-9902**  
**Wiring Harness 3 Cyl.**

1969 (55HP) Cross Flow Engines,  
Round Plug

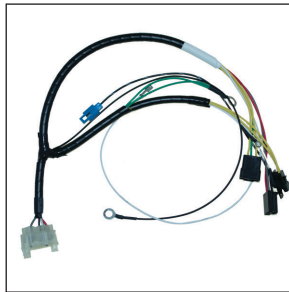
**Replaces**  
383327



**413-9903**  
**Wiring Harness 3 Cyl.**

1970-1971 (60HP) Cross Flow Engines,  
Round Plug

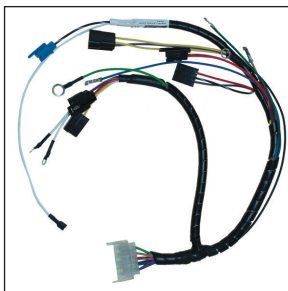
**Replaces**  
384050



**413-9904**  
**Wiring Harness 4 Cyl.**

1968 (65HP) Cross Flow Engines,  
Flat Plug

**Replaces**  
382558



**413-9905**  
**Wiring Harness 4 Cyl.**

1968 (85HP) Starlite Engines, Flat  
Plug

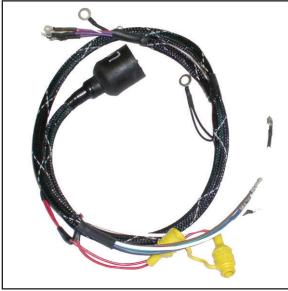
**Replaces**  
382557



**413-9906**  
**Wiring Harness 4 Cyl.**

1969 (85 & 115HP) Cross Flow  
Engines, Round Plug

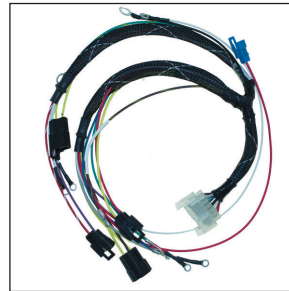
**Replaces**  
383536



**413-9907**  
**Wiring Harness 4 Cyl.**

1970-1972 (85,100,115 & 125HP)  
Cross Flow Engines, Round Plug

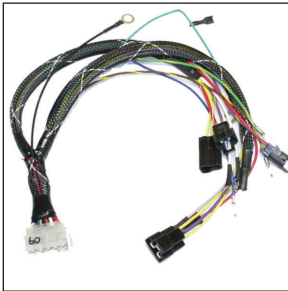
**Replaces**  
384051



**413-9908**  
**Wiring Harness 4 Cyl.**

1967 (100HP) Starflite Engines, Flat Plug

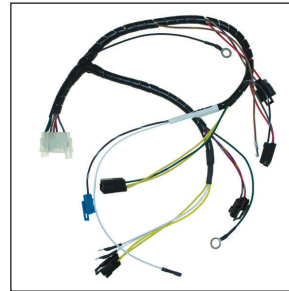
**Replaces**  
381883



**413-9909**  
**Wiring Harness 4 Cyl.**

1968 (100HP) Cross Flow Engines,  
Flat Plug

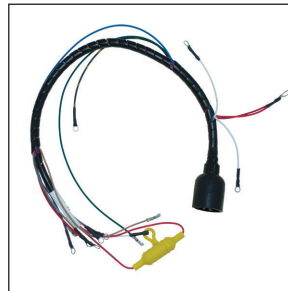
**Replaces**  
382556



**413-9910**  
**Wiring Harness 4 Cyl.**

1968 (85HP) Cross Flow Engines,  
Flat Plug

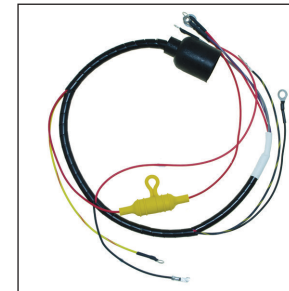
**Replaces**  
382777



**413-9912**  
**Wiring Harness 3 Cyl.**

1972 (65HP) Cross Flow Engines,  
Round Plug

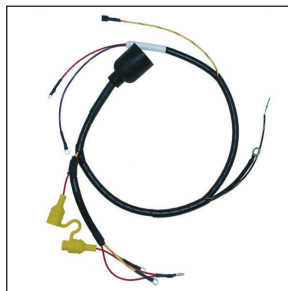
**Replaces**  
385067



**413-9913**  
**Wiring Harness 2 Cyl.**

1978 (55HP) Cross Flow Engines,  
Round Plug

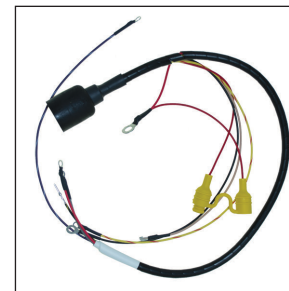
**Replaces**  
581973



**413-9914**  
**Wiring Harness 2 Cyl.**

1977-1981 (20,25 & 35HP) Round Plug

**Replaces**  
389269, 387872, 389764



**413-9915**  
**Wiring Harness 2 Cyl.**

1979-1984 (40,50,66 & 60HP) Cross  
Flow Engines, Round Plug

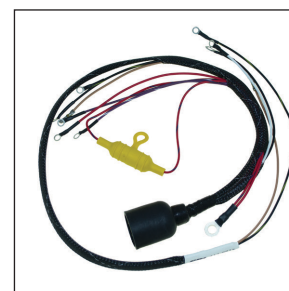
**Replaces**  
767968, 583005, 582061



**413-9916**  
**Wiring Harness 3 Cyl.**

1973 (65HP) Cross Flow Engines,  
Round Plug

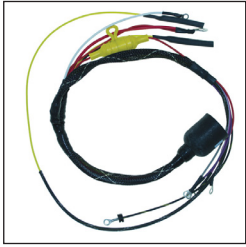
**Replaces**  
385804



**413-9917**  
**Wiring Harness 6 Cyl.**

1976-1978 (150,175,200 & 235HP)  
Cross Flow Engines, Round Plug

**Replaces**  
581767, 581888



**413-9918**  
Wiring Harness 4 Cyl.

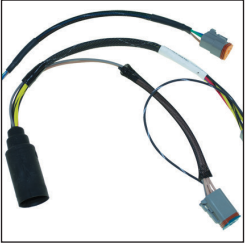
1974-1976 (85, 115 & 135HP) Cross Flow Engines, Round Plug

**Replaces**  
386328



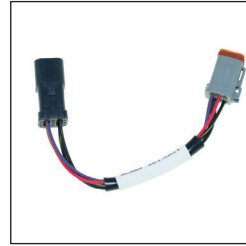
**421-0001**  
Engine Adapter Harness

Adapter wiring harness that connects 1980-2005 Mercury 8 pin controls to 1976-1995 Johnson/Evinrude engine



**421-4301**  
Engine Adapter Harness

Adapts 1980-2005 Mercury 8 pin controls to 1996-2015 Johnson Evinrude engines



**453-0901**  
Boot Strap Adapter

For reprogramming EMM for Ficht & E-Tec Engines

**Replaces**  
5000901



**453-7955**  
Ficht Engine Diagnostic Cable

Replacement cable for BRP OEM software.

**Replaces**  
437955



**473-9410**  
Wiring Harness Red Plug

1977-1995 (Engines 20' Length)



**473-9420**  
Wiring Harness Yellow Plug

1969 (55, 85 & 115HP) 1970-1972 (85, 115 & 125HP)

**Replaces**  
383634, 279058, 279174



**473-9430**  
Wiring Harness Black Plug

1973 (65HP) 1974-1976 (85, 115 & 135HP)

**Replaces**  
385698



**473-9440**  
Wiring Harness Green Plug

Replaces Green Plug Boatside Wiring Harness



**473-9450**  
Wiring Control Harness

Replaces Boatside Wiring Harness



**473-9460**  
Wiring Harness Red Plug

1977-1995 (Engines 35' Length)

**Replaces**  
392284



**941-0606-B**  
6 Ga., 6 Ft. Black Battery Cable



**941-0608-B**  
6 Ga., 8 Ft. Black Battery Cable

**941-0606-R**  
6 Ga., 6 Ft. Red Battery Cable

**941-0608-R**  
6 Ga., 8 Ft. Red Battery Cable



**421-4402  
Engine Adapter Harness**

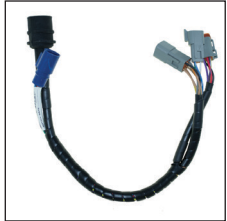
Adapts Johnson/Evinrude 1976-1995 controls to Mercury engines with 8 pin plug and without power tilt & Trim wiring



**423-0001  
Engine Adapter Harness**

Adapter Harness used to connect 1976-1995 engines to 1996 and newer controls. 18ft.

**Replaces**  
768410



**423-6344  
Engines  
Adapter  
Harness**

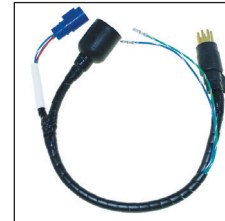
Adapts 1976-1995 Johnson Evinrude Engines to New Deutsch Controls. 18" Long



**423-6349  
Engine  
Adapter  
Harness**

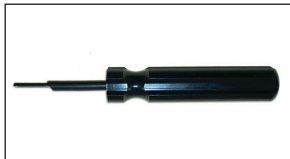
Adapts 1996-2016 Johnson Evinrude Engines to 1976-1995 Controls. 18" Long

**Replaces**  
176349



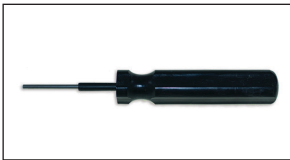
**423-9510  
Adapter Cable**

Adapts Johnson Evinrude Controls to Mercury Engines w/ power Tilt & Trim Wiring



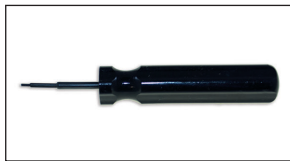
**553-2697  
Amphenol Insertion Tool**

**Replaces**  
322697



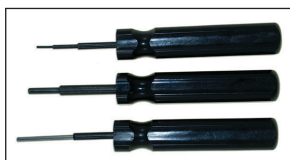
**553-2698  
Amphenol Pin  
Removal Tool**

**Replaces**  
322698

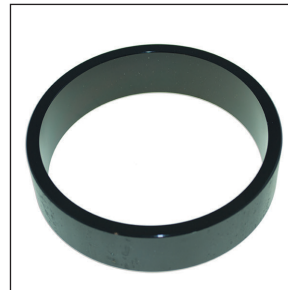


**553-2699  
Amphenol Socket  
Removal Tool**

**Replaces**  
322699



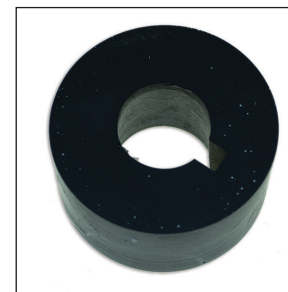
**553-2700  
Amphenol Pin Tool Set**



**553-4994  
Locator Ring 2 Cyl.**

Compatible for Setting Sensor & Stator Charge Coils Air Gap w/ 1978-2006 Johnson Evinrude

**Replaces**  
334994



**553-9702  
Sensor Gap Tool  
2/3/4 Cyl.**

1972-1978, Engines w/ Open Timer Base, Compatible for Setting Timerbase Air Gap on Johnson Evinrude Engines w/ Terminal Block Power Packs



**933-0124  
Wire, Coil**

Orange coil lead for Johnson Evinrude Ignition coil connections.

**Replaces**  
0583739



**953-3840  
Shift Diode**

1968-1973 (Johnson Evinrude Electric Shift Engines)

**Replaces**  
383840





**953-9176**  
**Blocking Diode**

1970-1972 (3 & 4 Cyl.) Engines w/Battery  
CD Ignitions & Lower Unit Electronics Shift  
Solenoids)

**Replaces**  
279176

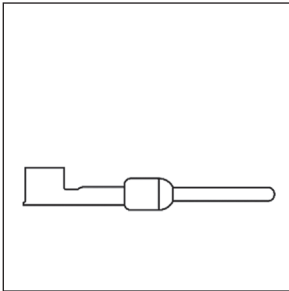


**973-0364**  
**Ignition Coil Wire  
Terminals**

1967-1972 (Johnson Evinrude Engines) &  
1966-1977 (Mercury Engines) Engines Using  
Distributor Caps w/Screw-in Terminals

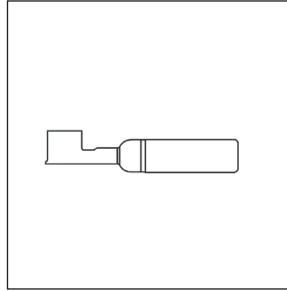
**Replaces**  
510364

Includes: 20 Pieces



**973-1469**  
**Male Amphenol Pins**

**Replaces**  
511469  
Includes: 20 Pieces



**973-1656**  
**Female Amphenol  
Sockets**

**Replaces**  
581656  
Includes: 20 Pieces



**913-2256**  
**Coil Terminals**

**Replaces** 512256  
Includes 10 Pieces



**913-2478**  
**Coil Terminal  
Boots**

**Replaces** 512478  
Includes 10 Pieces



**913-4679**  
**Male Pin Terminals  
Deutsch**

**Replaces** 512256  
Includes 20 Pieces



**913-4680**  
**Female Pin Terminals  
Deutsch**

**Replaces** 514680  
Includes 20 Pieces



**923-3356**  
**Male Kill Plug**

Single Pin Amphenol Male  
Plug (Large) Qty. 1  
**Replaces** 513356



**923-3357**  
**Female Receptacle**

Single pin Amphenol Female  
Plug Qty. 1  
**Replaces** 513357



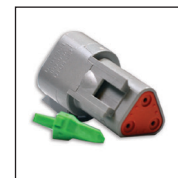
**923-3404**  
**Male Kill Plug**

Single Pin Amphenol Male  
Plug (Small) Qty. 1  
**Replaces** 123404



**923-4685**  
**3 Pin Plug  
Deutsch**

**Replaces** 514681, 514685  
Includes 4 Pieces



**923-4686**  
**3 Pin Receptacle  
Deutsch**

**Replaces** 514682, 514686  
Includes 4 Pieces



**923-4687**  
**6 Pin Plug  
Deutsch**

**Replaces** 514683, 514687  
Includes 4 Pieces



**923-4688**  
**6 Pin Receptacle  
Deutsch**

**Replaces** 514688, 514684  
Includes 4 Pieces



**923-4696**  
**2 Pin Receptacle  
Deutsch**

**Replaces** 514696, 514697  
Includes 4 Pieces



**923-6295**  
**2 Pin Plug Deutsch**

**Replaces** 127287, 176295  
Includes 4 Pieces



**923-6509**  
**4 Pin Receptacle  
Deutsch**

**Replaces** 127468, 176509  
Includes 4 Pieces



**923-6529**  
**4 Pin Plug Deutsch**

**Replaces** 176529, 127484  
Includes 4 Pieces



**852-9809**  
**Tilt/Trim Relay**  
**12 Volt, 40 amp**

12 Volt, 40 amp for Trim/Tilt

**Replaces** 582472, 584416, 586224, 586147, 9-15200, 87-19761



**852-9810**  
**Tilt/Trim Relay**  
**Assembly**

40 amp for Trim/Tilt

**Replaces** Includes 2 Replaceable Relays, Mounting Box & Harness



**931-2365**  
**Copper Core**  
**Spark Plug Wire**

9.5" Double-booted spark plug wire

**Replaces** 582365, 18-5230-9-1, 18-5231-1



**931-2366**  
**Copper Core**  
**Spark Plug Wire**

15" Double-booted spark plug wire

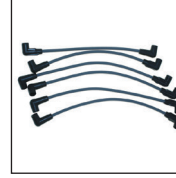
**Replaces** 18-8839-1



**931-2367**  
**Copper Core Spark**  
**Plug Wire**

24" Double-booted spark plug wire

**Replaces** 18-5229-9-1



**931-4921**  
**High Perf. Spark**  
**Plug Wire**

Replaces 150 & 175 HP (V6) Johnson/Evinrude Out-board Engine Wires, Qty. 6

**Replaces** 584919, 584920, 584921, 5005805, 5005806, 5005807, 18-8840-1



**931-4922**  
**High Performance**  
**Spark Plug Wire**

1994-2006 (85 JET, 90 & 115HP) 60 Degree Engines Qty. 4

**Replaces** 584919 (5005805) 584920 (5005806)



**931-9215**  
**Copper Core Spark**  
**Plug Wire**

1967-1972 (Johnson Evinrude Engines) & 1966-1977 (Mercury Engines)

**Replaces** 84-99215A25, 84-99215AA29, 84-813415A1, 84-813715A1



**DID YOU KNOW?**

**Rubbing alcohol can be used to insert pins into Amphenol Connectors**

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
1.2		86-90	1	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
1.5	1802S	68-70	1	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
2		71-85	1	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
2.5		87-88	2	583600**	N/A	N/A	583259**	N/A	183-3740
3	ALL	68	2	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
3.3		96-99	1	115742**	N/A	N/A	POINTS	N/A	183-2508
4		69-76	2	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
4	Cross Flow	77-80	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
4	BRC, BRH, BRL, WCI, WCN	81-88	2	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
4	RCC, RLC	88	2	583600**	N/A	N/A	583259**	N/A	183-3740
4	RDH	88-90	2	113-4488	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
4	RDH, RES, RLE	90	2	583600**	N/A	N/A	583259**	N/A	183-3740
4	REI, REH, RLE	91-92	2	584243**	N/A	N/A	584194**	N/A	183-3740
4	RDH, RES, RLE	92-95	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
4	RDH	96	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
4	BRE, BRL, RED, REN, REO, RER, RET, REU, RLE, RSI, RLS	92-01	2	584243**	N/A	N/A	584194**	N/A	183-3740
4		94-96	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
4.5	Cross Flow	80-83	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2366

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
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# Johnson Evinrude Application Charts

Johnson Evinrude

Application Charts

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
5		68	2	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
5	Elect. Start	85	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
5	Man. Start	85	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
5	DR, RC, RL, BA	89-90	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
5		91-92	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
5	DRE, DRL	96-98	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
5	RL, RS, RV	97-01	2	5030220**	R5030218	N/A	445019**	N/A	N/A
6		68-76	2	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
6	Cross Flow	77-84	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2366
6	RCO, RLC, SLC	85-86	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
6	Elec. Start	85-88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
6	RCD, RCE, RLC, SLC, RES, RLE, SLE	89-90	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
6	REI, REN, RLE, SLE	91-92	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
6	DRE, DRL, RED, REO, RER, RET, RLE, RLS, RLV, RVS, SLE	93-01	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
6.5	Comm	89-90	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
7.5	ALL, Cross Flow	80-83	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2366
8	ALL, Cross Flow	84	2	113-2474	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2366
8	ALL	85-88	2	113-3241	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
8	RCE, RLC, RES, RLE, SRL	89-90	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
8	REI, RLE, REN, SRL	91-92	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
8	RCH, RCL, RED, REO, RER, RET, RLE, SRL	93-01	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
8	Comm	94-01	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
9.5	ALL	68-73	2	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
9.9	Man. Start	74-76	2	MAGNETO	173-1202	N/A	POINTS	N/A	502880**
9.9	Elec. Start	74-76	2	MAGNETO	173-1557	153-1778	POINTS	N/A	502880**
9.9	Man. Start, Cross Flow	77-82	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
9.9	Elec. Start, Cross Flow	77-82	2	113-2453	173-1651	153-1778	IN STATOR	N/A	183-2366
9.9	Man. Start, Cross Flow	83-84	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
9.9	Elec. Start, Cross Flow	83-84	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2366
9.9	Elec. Start	85-88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
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HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
9.9	ALL	89-91	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	R584067	183-2508
9.9	ALL	92	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	R584382	183-3740
9.9	Elec. Start	93-95	2	113-4783	173-1651	153-4597	IN STATOR	N/A	183-3740
9.9	Man. Start	94	2	113-4783	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
9.9	Man. Start EE, EL, RL, SE	95	2	113-4783	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
9.9	Man. Start	96-99	2	113-4783	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
9.9	Elec. Start	96-99	2	113-4783	173-1651	153-4597	IN STATOR	R586025	183-3740
9.9	4-Stk, Man. Start	95	2	586650**	R584614	N/A	IN PACK	N/A	584451**
9.9	4-Stk, Elect. Start 12 Amp	95	2	586650**	173-4821	193-4890	IN PACK	N/A	584451**
9.9	4-Stk, Man. Start FD, FP, FR	96	2	586650**	R584614	N/A	IN PACK	N/A	584451**
9.9	4-Stk, Man. Start FA, FC, FW, FE, FT	96	2	445017**	R445016	N/A	445018**	N/A	584451**
9.9	4-Stk, Elec. Start FD, FP, FR 12 Amp	96	2	586650**	173-4821	193-4890	IN PACK	R586141	584451**
9.9	4-Stk, Elec. Start FA, FC, FW, FE, FT	96	2	445017**	R445016	R445091	445018**	R445099	584451**
9.9	4-Stk, Man. Start FD, FP, FR	97	2	586650**	R584614	N/A	IN PACK	N/A	584451**
9.9	4-Stk, Man. Start FA, FC, FW, FE, FO, FT	97	2	445017**	R445016	N/A	445018**	N/A	584451**
9.9	4-Stk, Elec. Start FD, FP, FR 12 Amp	97	2	586650**	173-4821	193-4890	IN PACK	R586141	584451**
9.9	4-Stk, Man. Start FE, FO	98	2	445017**	R445128	N/A	445018**	N/A	584451**
9.9	4-Stk, Elec. Start FD/FR 12 Amp	98	2	586650**	173-4821	193-4890	IN PACK	N/A	584451**
9.9	4-Stk, Elec. Start	02	2	5033235**	5032729**	158-9501	5032730**	N/A	5032732**
10	Kero Comm	90	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
10	Comm	94	2	113-4783	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
10	Man. Start	96-01	2	113-4783	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
10	Elec. Start	99-01	2	113-4783	173-1651	153-4597	IN STATOR	R586025	183-3740
11	Comm	87	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
14		88	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
14		89	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
14	Comm	89-90	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
15	Man. Start	74-76	2	MAGNETO	173-1202	N/A	POINTS	N/A	502880**
15	Elec. Start	74-76	2	MAGNETO	173-1557	153-1778	POINTS	N/A	502880**
15	Man. Start, Cross Flow	77-84	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
15	Elec. Start, Cross Flow	77-84	2	113-2453	173-1651	153-1778	IN STATOR	N/A	183-2366
15	Sail, Cross Flow	83	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	R389399	183-2366

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# Johnson Evinrude Application Charts

Johnson Evinrude

Application Charts

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
15	Elec.Start	85-88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
15		89-91	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	R584067	183-2508
15		92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584382	183-2508
15	Elec. Start	93-95	2	113-4783	173-1651	153-4597	IN STATOR	N/A	183-3740
15	Man. Start	93-01	2	113-4783	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
15	BA Man. Start	95-00	2	113-4783	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
15	Elec. Start	96-01	2	113-4783	173-1651	153-4597	IN STATOR	R586025	183-3740
15	Comm	00	2	113-4783	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
15	4-Stk, Man. Start	95-00	2	586650**	R584614	N/A	IN PACK	N/A	584451**
15	4-Stk, Elec. Start, 6 Amp	95	2	586650**	173-4954	153-5081/193-5081	IN PACK	N/A	584451**
15	4-Stk, Elec. Start, 6 Amp	96-98	2	586650**	173-4954	153-5081/193-5081	IN PACK	R586141	584451**
15	4-Stk, Elec. Start	99-00	2	586650**	173-4954	153-5081 193-5081	IN PACK	N/A	584451**
15	4-Stk, Elec. Start	02-04	2	5033731**	5032729**	158-9501	5032730**	N/A	5032732**
15	Man. Start	04-07	2	113-4783	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
18		68-72	2	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
18	Man. Start	73	2	MAGNETO	173-1130	N/A	POINTS	N/A	581124**
18	Jet 25 JRE	95-98	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
20	Man. Start	69-72	2	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
20	Man. Start	73		MAGNETO	173-1130	N/A	POINTS	N/A	581124**
20	Man. Start, Cross Flow	77-84	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
20	Elec. Start	77-81	2	113-2453	173-1651	153-1778	IN STATOR	413-9914	183-2366
20	Elec. Start, Cross Flow	82-84	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	413-1818	183-2366
20	Man. Start	85-88	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
20	Elec. Start	85-88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	R582524	183-2508
20	Man. Start	89-91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
20	Elec. Start	89-91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583648	183-2508
20	Elec. Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584383	183-2508
20	Man. Start	93-99	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
20	Elec. Start	93-95	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	R584881	183-2508
20	Elec. Start	96-98	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	413-0016	183-3740
20	Jet	00	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	413-0016	183-3740
25		69-71	2	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
25		72	2	MAGNETO	N/A	N/A	POINTS	R385157	183-4477
25	Man. Start	73	2	MAGNETO	173-1130	N/A	POINTS	R385821	581124**
25	Man. Start	74-76	2	MAGNETO	173-1130	N/A	POINTS	R385157	581124**

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HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
25	Man. Start, Cross Flow	77-84	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
25	Elec. Start	77-81	2	113-2453	173-1651	153-1778	IN STATOR	413-9914	183-2366
25	Elec. Start, Cross Flow	82	2	113-2453	173-1651	153-1778	IN STATOR	413-1818	183-2366
25	Elec. Start, Cross Flow	83-84	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	413-1818	183-2366
25	Man. Start	85-88	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
25	Elec. Start	85-87	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	R582524	183-2508
25	Elec. Start	88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3601	183-2508
25	Man. Start	89-92	2	113-4489	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
25	Elec. Start	89-91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583648	183-2508
25	Elec. Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584383	183-2508
25	Man. Start	93-97	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
25	Elec. Start	93-95	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	R584881	183-2508
25	Elec. Start	96-01	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	413-0016	183-2508
25	Elec. Start, TE	96-00	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
25	Tiller	00-05	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
25	Comm, Cross Flow	82	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
25	Comm, Cross Flow	83-84	2	113-2474	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
25	Comm	85-88	2	113-3241	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
25	Comm	89-90	2	113-4488	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
25	Comm	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
25	Comm	92-97	2	113-3241	173-1670 173-2926K 1	N/A	R585072	N/A	183-3740
25	Comm	94	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
25	Comm	95	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
25	H25FP, Comm	95-97	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
25	Comm	97	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
25	Comm	00-01	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
25	35 JET Elec. Start TTL	95	2	113-5316	173-4560	194-4476	133-5386	R584695	183-3740
25	35 JET TL, (J Suffix) Elec. Start	92	2	113-5316	173-4560	193-4476	133-5386	R584695	183-3740
25	Man. Start	96-01	3	586472**	R176278	R584952	584824**	N/A	586323**
25	AC, Man. Start, 60 Degree	96	3	586472**	173-4954	R584952	584824**	R586091	586323**

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# Johnson Evinrude Application Charts

Johnson Evinrude

Application Charts

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
25	Elec. Start, 60 Degree	96	3	586472**	173-4821	193-4890	584824**	R586044	586323**
25	TNT, TEL, 60 Degree	96	3	586472**	173-4821	193-4890	N/A	R586043	586323**
25	Man. Start, 60 Degree	97	3	586472**	173-4954	R584952	584824**	N/A	586323**
25	AC Man. Start, 60 Degree	97	3	586472**	173-4954	R584952	584824**	R586091	586323**
25	Elec. Start, 60 Degree	97	3	586472**	173-4821	193-4890	584824**	R586044	586323**
25	TNT, TE, 60 Degree	97	3	586472**	173-4821	193-4890	584824**	R586045	586323**
25	Man. Start, 60 Degree	98	3	586472**	173-4954	N/A	584824**	R586091	586323**
25	AC Man. Start, 60 Degree	98	3	586472**	173-4954	N/A	584824**	R586091	586323**
25	Elec. Start, 60 Degree	98	3	586472**	173-4821	193-4890	584824**	R586044	586323**
25	TNT, 60 Degree	98	3	586472**	173-4821	193-4890	584824**	R586043	586323**
25	TE, 60 Degree	98	3	586472**	173-4821	193-4890	584824**	R586045	586323**
25	E/EL, 60 Degree	99	3	586472**	173-4821	193-4890	584824**	R586044	586323**
25	PL, 60 Degree	99	3	586472**	173-4821	193-4890	584824**	R586043	586323**
25	R,RL, 60 Degree	99	3	586472**	173-4954	N/A	584824**	R586091	586323**
25	TEL, 60 Degree	99	3	586472**	173-4821	193-4890	584824**	R586045	586323**
25	A, R, RL, 60 Degree	00	3	586472**	173-4954	N/A	584824**	R586091	586323**
25	K, E, EL, 60 Degree	00	3	586472**	173-4821	193-4890	584824**	R586044	586323**
25	PL, 60 Degree	00	3	586472**	173-4821	193-4890	584824**	R586043	586323**
25	TEL, 60 Degree	00	3	586472**	173-4821	193-4890	584824**	R586045	586323**
28	Man. Start	86-88	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
28	Elec. Start	86-87	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	R582524	183-2508
28	Elec. Start	88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3601	183-2508
28	Man. Start	89	2	113-4489	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
28	Elec. Start	89-91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583648	183-2508
28	Man. Start	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
28	Elec. Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584383	183-2508
28	Elec. Start	93-95	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	R584881	183-2508
28	ES	96	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	413-0016	183-2508
28	JET 40 JRE	96-98	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
30	Man. Start, Cross Flow	84	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
30	Elec. Start, Cross Flow	84	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	413-1818	183-2366
30	Man. Start	85	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
30	Elec. Start	85-87	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	R582524	183-2508
30	Elec. Start	88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3601	183-2508
30	Man. Start	88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
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HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
30	Man. Start	89-92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
30	Elec. Start	89-91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583648	183-2508
30	TE, RE, RL, TEL, EL	92	2	113-4489	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
30	EE	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584383	183-2508
30	Man. Start	93-97	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
30	TE	93-98	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
30	Elec. Start	93-95	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	R584881	183-2508
30	Elec. Start	96-01	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	413-0016	183-2508
30	Man. Start	00-01	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	413-0016	183-2508
30	JET	00-01	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
30	Elec. Start	02	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
30	AC Man. Start	02	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
30	Elec. Start	03-05	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	413-0016	183-2508
30	AC Man. Start	03-05	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
33	Man. Start	68	2	MAGNETO	N/A	N/A	POINTS	R382564	183-4477
33	Man. Start	69-70	2	MAGNETO	N/A	N/A	POINTS	R383324	183-4477
35	Man. Start	76	2	MAGNETO	173-1202	N/A	POINTS	N/A	502881**
35	Elec. Start	76	2	MAGNETO	173-1557	153-1778	POINTS	413-6720	502881**
35	Man. Start, Cross Flow	77-84	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
35	Elec. Start	77-81	2	113-2453	173-1651	153-1778	In Stator	413-9914	183-2366
35	Elec. Start, Cross Flow	82-84	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	413-1818	183-2366
35	Man. Start	86-87	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
35	Elec. Start AE, AR	86-87	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3211	183-2508
35	Elec. Start RC, RL	86-87	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	R582524	183-2508
35	Elec. Start	88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3601	183-2508
35	Man. Start	88	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
35	Man. Start	89-92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
35	Elec. Start	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583648	183-2508
35	JET Elec. Start TE, TTL	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584216	183-3740
35	JET Elec. Start TL	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584218	183-3740

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# Johnson Evinrude Application Charts

Johnson Evinrude

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
35	JET Man. Start	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
35	TE	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
35	Man. Start	93-94	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
35	JET Elec. Start ET, TL	95	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	413-4686	183-3740
35	JET EL, TL	93-94	2	113-5316	173-4560	193-4476	133-5386	413-4686	183-3740
35	Man. Start	96-97	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
35	AC Man. Start , 6 Amp, 60 Degree	96-98	3	586472**	173-4954	N/A	584824**	R586091	586323**
35	Elec. Start, 12 Amp, 60 Degree	96-98	3	586472**	173-4821	193-4890	584824**	R586044	586323**
35	TEL, 12 Amp, 60 Degree	96-97	3	586472**	173-4821	193-4890	584824**	R586045	586323**
35	TNT, 12 Amp, 60 Degree	96-98	3	586472**	173-4821	193-4890	584824**	R586043	586323**
35	TE, 12 Amp, 60 Degree	98	3	586472**	173-4821	193-4890	584824**	R586045	586323**
35	E. EL, 12 Amp, 60 Degree	99	3	586472**	173-4821	193-4890	584824**	R586044	586323**
35	PL, 12 Amp, 60 Degree	99	3	586472**	173-4821	193-4890	584824**	R586043	586323**
35	R, RL, 6 Amp, 60 Degree	99	3	586472**	173-4954	N/A	584824**	R586091	586323**
35	TEL, 12 Amp, 60 Degree	99	3	586472**	173-4821	193-4890	584824**	R586045	586323**
35	A, R, RL, 6 Amp, 60 Degree	00	3	586472**	173-4954	N/A	584824**	R586091	586323**
35	K, E, EL, 12 Amp, 60 Degree	00	3	586472**	173-4821	193-4890	584824**	R586044	586323**
35	PL, 12 Amp, 60 Degree	00	3	586472**	173-4821	193-4890	584824**	R586043	586323**
35	TEL, 12 Amp, 60 Degree	00	3	586472**	173-4821	193-4890	584824**	R586045	586323**
35	A, R, RL ,RV, RVL, 6 Amp, 60 Degree	01	3	586472**	173-4954	N/A	584824**	R586091	586323**
35	K, E, EL, EV, EVL, 12 Amp, 60 Degree	01	3	586472**	173-4821	193-4890	584824**	R586044	586323**
35	PL, VL, 12 Amp, 60 Degree	01	3	586472**	173-4821	193-4890	584824**	R586043	586323**
35	TEL, TVL, 12 Amp, 60 Degree	01	3	586472**	173-4821	193-4890	584824**	R586045	586323**
35	JET Elec. Start TE, TTL	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584216	183-3740
35	JET Elec. Start TL	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584218	183-3740
35	JET Man. Start	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
35	JET TL, (M Suffix) Elec. Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-4398	183-3740
35	Man. Start	92	2	113-4489	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
35	JET TE, TTL, (M Suffix)	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
35	JET TE, TTL, (M Suffix)	93-94	2	113-5316	173-4560	193-4476	133-5386	R584695	183-3740
35	JET EL, TL	95	2	113-5316	173-4560	193-4476	133-5386	413-4686	183-3740
35	JET TE, TTL	95	2	113-5316	173-4560	193-4476	133-5386	R584695	183-3740
35	JET EL, TL, TTL, TE	96	2	113-5316	173-4560	193-4476	133-5386	R586020	183-3740
35	JET Elec. Start	97	2	113-5316	173-4560	193-4476	133-5386	R586020	183-3740
40	TE, TTL, J	92	2	113-5316	173-4560	193-4476	133-5386	R584695	183-3740

Application Charts

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HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
40	EL, TL	93-94	2	113-5316	173-4560	193-4476	133-5386	413-4686	183-3740
35	JET Man. Start	97	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
40	RDS, RDSL (A,C,D,S)	68	2	MAGNETO	N/A	N/A	POINTS	R381533	183-4477
40	RK, RKL (A,C,D)	68	2	MAGNETO	N/A	N/A	POINTS	R381536	183-4477
40	R, RL	69-70	2	MAGNETO	N/A	N/A	POINTS	N/A	183-4477
40	S, SL, Cross Flow	69-70	2	MAGNETO	N/A	N/A	POINTS	413-3326	183-4477
40	E, EL, Cross Flow	69-70	2	MAGNETO	N/A	N/A	POINTS	413-3325	183-4477
40		71	2	N/A	N/A	N/A	POINTS	R383324	183-4477
40		72	2	N/A	N/A	N/A	POINTS	R385126	183-4477
40		73	2	N/A	N/A	N/A	POINTS	R385895	183-4477
40	Man. Start	74-76	2	MAGNETO	173-1202	N/A	POINTS	N/A	502880**
40	Elec. Start, Cross Flow	74-76	2	MAGNETO	173-1557	153-1778	POINTS	413-6336	502880**
40	RS, RW	83	2	MAGNETO	173-1202	N/A	POINTS	N/A	581786**
40	Man. Start, Cross Flow	84	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
40	Elec. Start, Cross Flow	84	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	413-9915	183-2366
40	Man. Start	85	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
40	Elec. Start	85	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	R583099	183-2508
40	RW,	86	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
40	EC, EL, RC, RL, TE, TEL, TC	86	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3211	183-2508
40	E, EL, RC, RL, TE, TL	87	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3211	183-2508
40		88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3602	183-2508
40	Elec. Start	89	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-3649	183-3740
40	Man. Start	89	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-3649	183-3740
40	TL	90	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-3649	183-3740
40	TE, TTL	90	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584082	183-3740
40	Man. Start	90-91	2	113-4489	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
40	TE, TTL	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584216	183-3740
40	TL	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-4218	183-3740
40	EE, EL, RE, RL, ("J" Suffix)	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-4686	183-3740
40	EE, EL, RE, RL, ("M" Suffix)	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-4398	183-3740
40	Man. Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
40	TE, TTL	93-95	2	113-5316	173-4560	193-4476	133-5386	R584695	183-3740
40	TE, TTL, ("M" Suffix) Elect Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584216	183-3740

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# Johnson Evinrude Application Charts

Johnson Evinrude

Application Charts

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
40	TL, ("J" Suffix)	92	2	113-5316	173-1670 173-2926K 1	193-4476	133-5386	413-4686	183-3740
40	TE	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
40	TL, ("M" Suffix) Elec. Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-4398	183-3740
40	Man. Start	93	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
40	TE, TL Elec. Start	95	2	113-5316	173-4560	193-4476	133-5386	413-4686	183-3740
40	Elec. Start TL (2 wire trigger)	93	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-4398	183-3740
40	Elec. Start TL (2 wire trigger)	94	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	413-4398	183-3740
40	EL, TL, TTL, TE	96	2	113-5316	173-4560	193-4476	133-5386	R586020	183-3740
40	Man. Start	94-95	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
40	Elec. Start	97	2	113-5316	173-4560	193-4476	133-5386	R586020	183-3740
40	Man. Start	96	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
40	Elec. Start	98-99	2	113-5316	173-4560	193-4476	133-5386	R586020	183-3740
40	Man. Start	97	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
40	Elec. Start	00	2	113-5316	173-4560	193-4476	133-5386	R586020	183-3740
50	BE ("J" Suffix) Elec. Start	92	2	113-5316	173-4560	193-4476	133-5386	413-4686	183-3740
40	Man. Start	98-99	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
40	Man. Start	00	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
50	TE/TTL ("J" Suffix)	92	2	113-5316	173-4560	193-4476	133-5386	R584695	183-3740
50	TL ("J" Suffix) Elec. Start	92	2	113-5316	173-4560	193-4476	133-5386	413-4686	183-3740
40	Comm, Cross Flow	83-84	2	113-2474	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
40	Comm	86	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
40	Comm	90	2	113-4488	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
40	Comm Elec. Start	85	2	113-3241	173-1670 173-2926K 1	153-1778	133-3387	R583099	183-3740
40	Comm Man. Start	85	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
40	Comm	93	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
40	Comm Man. Start	94-95	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
40	Comm	96	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
40	Comm	97-98	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
40	Comm	00	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
45	Man. Start	86	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
45		87-88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508

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HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
45	SS	88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3602	183-2508
45		88	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
45		89	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583948	183-2508
45		90	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-3649	183-3740
45	SS	89-90	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
45		91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584227	183-2508
45	Man. Start	92	2	113-3241	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
45	Elec. Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584386	183-2508
45	Elec. Start	93	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584398	183-3740
45	Man. Start	94-97	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
45	Comm	85	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
45	Comm	86	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
45	Comm	87	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
45	Comm Man. Start	88-90	2	113-4489	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
45	Comm Elec. Start	88-90	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583948	183-2508
45	Comm Elec. Start	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584386	183-2508
45	Comm Man. Start	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
45	Comm	92	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
45	Comm	93-00	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
48	SPL	87	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3211	183-2508
48		88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3602	183-2508
48		89-90	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-3649	183-3740
48		91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-4218	183-2508
48		92-93	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-4398	183-3740
48		94-95	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	413-4398	183-3740
48	ES	96	2	113-4767	173-1670 173-2926K 1	153-1778	133-3387	R586020	183-3740
50		71	2	113-1397	173-1232	193-3408	133-0875K 1	R384164	183-2091
50	Elec. Start	72	2	113-1397	173-1232	193-3408	133-0875K 1	R384164	183-2091
50	Man. Start	72	2	113-1397	173-1232	N/A	133-0875K 1	N/A	183-2091

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# Johnson Evinrude Application Charts

Johnson Evinrude

Application Charts

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
50		73	2	113-1397	173-1232	193-3408	133-0875K 1	413-5776	183-2091
50	Cross Flow	74-75	2	113-1397	173-1232	193-3408	133-0875K 1	413-1742	183-2091
50	Elec. Start, Cross Flow	79-83	2	113-2453	173-1651	153-1778	133-3387	413-9915	183-2366
50	Man. Start, Cross Flow	79-81	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
50	Elec. Start, Cross Flow	82-83	2	113-2453	173-1651	153-1778	IN STATOR	413-9915	183-2366
50	Man. Start, Cross Flow	82-83	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
50	Man. Start, Cross Flow	84	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	413-9915	183-2366
50	Elec. Start, Cross Flow	84	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	413-9915	183-2366
50	Man. Start	85	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
50	Elec. Start	85	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	R583099	183-2508
50		86-87	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3211	183-2508
50		88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	413-3602	183-2508
50	Elec. Start	89	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583705	183-3740
50	Man. Start	89	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-3740
50	TL	90	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-3649	183-3740
50	TE, TTL	90	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584082	183-3740
50	TL	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583705	183-3740
50	TE, TTL	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584216	183-3740
50	EL/TL	93-94	2	113-5316	173-4560	193-4476	133-5386	413-4686	183-3740
50	BE ("M" Suffix) Elec. Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-4398	183-3740
50	TE/TTL	93-94	2	113-5316	173-4560	193-4476	133-5386	R584695	183-3740
50	TE ("M" Suffix) Elec. Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583705	183-3740
50	EL, TL Elec. Start	95	2	113-5316	173-4560	193-4476	133-5386	413-4686	183-3740
50	TL ("M" Suffix) Elec. Start	92	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	413-4398	183-3740
50	Man. Start	92	2	113-4489	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
50	TE, Elec. Start	95	2	113-5316	173-4560	193-4476	133-5386	R584695	183-3740
50	EL, TL, TTL, TE	96	2	113-5316	173-4560	193-4476	133-5386	R586020	183-3740
50	Man. Start	95	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
50	Elec. Start	97	2	113-5316	173-4560	193-4476	133-5386	R586020	183-3740
50	Elec. Start TL	98-05	2	113-5316	173-4560	193-4476	133-5386	R586020	183-3740
55	Comm	85	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
55	Comm	86	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508

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HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
55	Comm	87-88	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
50	Man. Start	97	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
50	Man. Start	98-01	2	113-4767	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
55	Comm	92-95	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
55	Comm Elec. Start	89-90	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R583948	183-2508
55	Comm Man. Start	88-90	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
55	Comm Man. Start	93-00	2	113-3241	173-1670 173-2926K 1	N/A	133-3387	N/A	183-3740
55	Comm Elec. Start	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	R584386	183-2508
55		68	3	113-7123	R173-0726	153-0705	POINTS	413-9901	183-2382
55	Cross Flow	69	3	113-7123	R173-0726	153-0705	POINTS	413-9902	183-2382
55	Cross Flow	76-77	2	113-1397	173-1232	193-3408	133-0875K 1	413-1742	183-2091
55	Elec. Start, Cross Flow	78	2	113-2453	173-1651	153-1778	133-3387	413-9913	183-2366
55	Elec. Start, Cross Flow	79-81	2	113-2453	173-1651	153-1778	133-3387	413-9915	183-2366
55	Man. Start, Cross Flow	79-81	2	113-2453	173-1651	N/A	133-3387	N/A	183-2366
55	Comm, Cross Flow	82	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
55	Comm, Cross Flow	83-84	2	113-2474	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
55	Comm Man. Start	91	2	113-4489	173-1670 173-2926K 1	153-1778	133-3387	N/A	183-2508
60	Man. Start	85	2	113-2285	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2508
60	Elec. Start	85	2	113-2285	173-1670 173-2926K 1	153-1778	133-3387	R583099	183-2508
25	SIK, Loop Charged	94-95	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
25	SIL, SIT, Loop Charged	94-95	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
40	JET Drive Loop Charged	00	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
50	DT, JL, EL, TL, TX, TTL Loop Charged	96	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
55	Comm Elec. Start	96-97	2	113-3241	173-1670 173-2926K 1	153-1778	133-3387	413-4398	183-3740
50	TTL, Loop Charged	95	3	113-4808	173-4560	193-4476	133-4804	413-4603	183-3740
50	DT, JL, EL, TL, TX Loop Charged	95	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-3740
60	VX	67		N/A	R580650	R580656	POINTS	R381626	N/A
60	Cross Flow	70-71	3	113-7123	R173-0744	193-3408	POINTS	413-9903	183-2382
60	Elec. Start, Cross Flow	80-83	2	113-2453	173-1651	153-1778	IN STATOR	413-9915	183-2366
60	Man. Start, Cross Flow	80-84	2	113-2453	173-1670 173-2926K 1	N/A	133-3387	N/A	183-2366
60	Elec. Start, Cross Flow	84	2	113-2453	173-1670 173-2926K 1	153-1778	133-3387	413-9915	183-2366
50	Loop Charged	97	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
50	TTL, Loop Charged	97	3	113-4808	173-4560	193-4476	133-4804	R580621	183-2508
60	EL, TL, Cross Flow	86-87	3	113-2115	173-3724	193-3408	133-3378	R583082	183-2508

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# Johnson Evinrude Application Charts

Johnson Evinrude

Application Charts

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
60	TTL, EL, TL, Cross Flow	88	3	113-2115	173-3724	193-3408	133-4558	413-3444	183-2508
60	SST, Cross Flow	89	3	113-2115	173-3724	193-3408	133-3378	413-3771	183-2508
60	EL, TL	89	3	113-3748	173-4766	193-3408	133-3378	413-3771	183-2508
60	TTL	89	3	113-3748	173-4766	193-3408	133-3378	R583937	183-2508
60	SST, Cross Flow	90	3	113-2115	173-3724	193-3408	133-3378	413-3771	183-2508
60	EL, TL	90	3	113-3748	173-4766	193-3408	133-3378	413-3771	183-2508
60	TTL	90	3	113-3748	173-4766	193-3408	133-4558	R584155	183-2508
60	EL, TL, TX	91	3	113-3748	173-4766	193-3408	133-3378	413-4169	183-2508
60	TTL	91	3	113-3748	173-4766	153-1778	133-4558	R584170	183-2508
60	EL, TL, TX, Loop Charged	92	3	113-3748	173-4560	193-4476	133-3378	413-4401	183-2508
60	TTL	92	3	113-3748	173-4560	193-4476	133-4558	413-4603	183-2508
60	EL, TL, TX, Loop Charged	93	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
60	TTL, Loop Charged	93	3	113-4808	173-4560	193-4476	133-4804	413-4603	183-2508
60	EL, TL, TX, Loop Charged	94	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
60	TTL, Loop Charged	94	3	113-4808	173-4560	193-4476	133-4804	413-4603	183-2508
60	EL, TL, TX, Loop Charged	95	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
60	TTL, Loop Charged	95	3	113-4808	173-4560	193-4476	133-4804	413-4603	183-2508
60	DT, JL, EL, TL, TX, Loop Charged	95	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
60	DT, JL, EL, TL, TX, TTL, Loop Charged	96	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
60	EL, TL, TTL, Loop Charged	97	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
60	TL, TTL, Loop Charged	98-99	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
60	TNT, PLS, VLS, Loop Charged	00-01	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
65	Cross Flow	68	4	113-7123	R173-0726	153-0705	POINTS	413-9904	183-2382
65	Cross Flow	72	3	113-1726	173-1235	193-3408	133-1251	413-9912	183-2303
65	Cross Flow	73	3	113-1726	173-1235	193-3408	133-1251	413-9916	183-2303
65	Cross Flow	84	3	113-2556	173-3724	193-3408	133-3378	413-1377	183-2366
65	Comm, Cross Flow	85	3	113-2537	173-3724	193-3408	133-3378	N/A	183-2508
65	Comm, Cross Flow	86	3	113-3122	173-3724	193-3408	133-3378	N/A	183-2508
65	Comm	89	3	113-3748	173-4766	193-3408	133-3378	413-3771	183-2508
65	Man. Start	96-98	3	113-3748	173-4766	N/A	133-4558	N/A	183-2508
65	Elec. Start	96-98	3	113-5274	173-4766	193-4476	133-3378	R586021	183-2508
65	Man. Start	99	3	113-3748	173-4560	N/A	133-4558	N/A	183-2508
65	Elec. Start	99	3	113-5274	173-4560	193-4476	133-3378	R586021	183-2508
65	Comm, Cross Flow	85	3	113-2537	173-3724	193-3408	133-3378	413-1377	183-2508
65	Comm Man. Start, Cross Flow	84	3	113-2556	173-3724	N/A	133-3378	N/A	183-2366
65	Comm Elec. Start, Cross Flow	84	3	113-2556	173-3724	193-3408	133-3378	413-1377	183-2366
65	Comm, Cross Flow	86	3	113-3122	173-3724	193-3408	133-3378	R583082	183-2508
65	Comm, Cross Flow	87	3	113-3122	173-3724	193-3408	133-3378	R582756	183-2508
65	Comm, Cross Flow	88	3	113-3122	173-3724	193-3408	133-3378	R583559	183-2508
65	Comm Man. Start	89-90	3	113-3748	173-4766	193-3408	133-4558	N/A	183-2508
65	Comm Elec. Start	89-90	3	113-3748	173-4766	193-3408	133-3378	413-3771	183-2508
65	Comm Elec. Start	91	3	113-3748	173-4766	193-3408	133-3378	413-4169	183-2508
65	Comm Man. Start	91-95	3	113-3748	173-4766	R583940	133-3378	N/A	183-2508
65	Comm "C" Man Start	92-95	3	113-3748	173-4766	N/A	133-3378	N/A	183-2508

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HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
65	Comm Elec. Start	92	3	113-3748	173-4560	193-4476	133-3378	413-4401	183-2508
65	Comm Elec. Start, Loop Charged	93-94	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
65	Comm W/O VRO, Elec. Start	95	3	113-3748	173-4766	193-4476	133-3378	413-4401	183-2508
65	Comm W/VRO, Elec. Start, Loop Charged	95	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
65	Comm Elec./Man. Start	00	3	113-5274	173-4560	193-4476	133-3378	R586021	183-2508
65	Comm Elec. Start	01	3	113-5274	173-4560	193-4476	133-3378	R586021	183-2508
65	Comm Man. Start	01	3	113-3748	173-4560	N/A	133-4558	N/A	183-2508
70	Cross Flow	85	3	113-2705	173-3724	193-3408	133-3378	413-1377	183-2508
70	Cross Flow	74-77	3	113-1726	173-1235	193-3408	133-1251	413-1886	183-2303
70	Cross Flow	78	3	113-1726	173-1235	193-3408	133-1251	R581974	183-2303
70	Cross Flow	79-84	3	113-2138	173-3724	193-3408	133-3378	413-1377	183-2366
70	EL, TL, W/O Trim	86-87	3	113-2115	173-3724	193-3408	133-3378	R582756	183-2508
70	EL, TL, W/Trim	86-87	3	113-2115	173-3724	193-3408	133-3378	R582970	183-2508
70	W/O Trim	88	3	113-2115	173-3724	193-3408	133-3378	R583559	183-2508
70	W/Trim	88	3	113-2115	173-3724	193-3408	133-3378	413-3560	183-2508
70	EL, TL	89-90	3	113-3748	173-4766	193-3408	133-3378	413-3771	183-2508
70	EL, TL, TX	91	3	113-3748	173-4766	193-3408	133-3378	413-4169	183-2508
70	TTL	91	3	113-3748	173-4766	193-3408	133-4558	R584170	183-2508
70	EL, TL, TX, Loop Charged	92	3	113-3748	173-4560	193-4476	133-3378	413-4401	183-2508
70	TTL	92	3	113-3748	173-4560	193-4476	133-4558	413-4603	183-2508
70	EL, TL, TX, Loop Charged	93-94	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
70	TTL, Loop Charged	93-95	3	113-4808	173-4560	193-4476	133-4804	413-4603	183-2508
70	TTL, C & S Loop Charged	94	3	113-4808	173-4560	193-4476	133-4804	413-4603	183-2508
70	DT, JL, EL, TL, TX, Loop Charged	95	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
70	DT, JL, EL, TL, TX, Loop Charged	96	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
70	RNLB, Loop Charged	96	3	113-4808	173-4560	193-4476	133-4804	413-4401	183-2508
70	EL, TL, TX Loop Charged	97-98	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
70	PL Loop Charged	99-00	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
70	PL, VL Loop Charged	01	3	113-4808	173-4560	193-4476	133-4804	R586021	183-2508
75	EC, Cross Flow	85	3	113-2705	173-3724	193-3408	133-3378	413-1377	183-2508
75	Cross Flow	65-66	3	N/A	N/A	R380076	POINTS	413-9900	381645**
75	ES, ER, EL, Cross Flow	75-77	3	113-1726	173-1235	193-3408	133-1251	413-1886	183-2303
75	ER, EL, Cross Flow	76-77	3	113-1726	173-1235	193-3408	133-1251	413-1886	183-2303
75	ER, EL, Cross Flow	78	3	113-1726	173-1235	193-3408	133-1251	R581974	183-2303
75	ER, EL, Cross Flow	79	3	113-2138	173-3724	193-3408	133-3378	413-1377	183-2366
75	ER, EL, TR, Cross Flow	80	3	113-2138	173-3724	193-3408	133-3378	413-1377	183-2366
75	ER, TE, TR, Cross Flow	81	3	113-2138	173-3724	193-3408	133-3378	413-1377	183-2366
75	EC, EL, TL, Cross Flow	82-84	3	113-2138	173-3724	193-3408	133-3378	413-1377	183-2366
75	EC	86-87	3	113-2115	173-3724	193-3408	133-3378	R583082	183-2508
75	EC, Cross Flow	88	3	113-2115	173-3724	193-3408	133-3378	413-3444	183-2508
65	JET, Cross Flow	95	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
80	SPEEDIFOUR	67	4	N/A	R580650	153-0656 193-0705	POINTS	413-1654	381645**

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# Johnson Evinrude Application Charts

Johnson Evinrude

Application Charts

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
80	STARFLITE	67	4	N/A	N/A	193-0076	POINTS	R381638	381638**
80	JET, Cross Flow	91	4	113-4030	173-3536	193-4204	133-3379	413-4004	183-2508
80	JET, Cross Flow	92	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
80	JET, Cross Flow	93-95	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
80	JET 115 JLE, Cross Flow	96-97	4	113-4030	173-3536	193-4204	133-3379	413-6027	183-2508
80	JET, 60 Degree	98-99	4	113-6292	173-4849	193-6048	133-6343	413-4762	183-3740
85	V4S SPEEDIFOUR 15 Amp	68	4	113-7123	R173-0725	153-0705	POINTS	413-9910	183-2382
85	V4A STARFLITE 9 Amp	68	4	113-7123	R173-0726	153-0705	POINTS	413-9905	183-2382
85	Cross Flow	69	4	113-7123	R173-0744	193-3408	POINTS	413-9906	183-2382
85	Cross Flow	70-72	4	113-7123	R173-0744	193-3408	POINTS	413-9907	183-2382
85	6 Amp	73	4	113-1731	173-1225	193-3408	133-1900	413-5501	186-4632
85	12 Amp	73	4	113-1731	173-2099	193-3408	133-1900	413-5501	186-4632
85	6 Amp, Cross Flow	74-76	4	113-1731	173-1225	193-3408	133-1900	413-9918	186-4632
85	12 Amp, Cross Flow	74-76	4	113-1731	173-2099	193-3408	133-1900	413-9918	186-4632
85	6 Amp, Cross Flow	77	4	113-1731	173-1225	193-3408	133-1900	413-1721	186-4632
85	12 Amp, Cross Flow	77	4	113-1731	173-2099	193-3408	133-1900	413-1721	186-4632
85	Cross Flow	78	4	113-2125	173-3672	193-3408	133-3376	413-1975	183-2366
85	Cross Flow	79	4	113-2125	173-3672	193-3408	133-3376	413-2053	183-2366
85	Cross Flow	80	4	113-2125	173-3672	193-3408	133-3376	413-2161	183-2366
85	TTL, Cross Flow	91	4	113-4028	173-3536	193-3408	133-3379	R584356	183-2508
85	TTL, Cross Flow	92-95	4	113-4028	173-3536	193-4204	133-3379	R584604	183-2508
85	TTL W/O Trim, Cross Flow	94	4	113-4030	173-3536	193-3408	133-3379	413-4390	183-2508
85	TTL W/Trim, Cross Flow	94	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
85	TTL, Cross Flow	95	4	113-4028	173-3536	193-4204	133-3379	R584356	183-2508
88	Cross Flow	87	4	113-3110	173-3672	193-3408	133-3376	413-5253	183-2508
88	W/O Trim, Cross Flow	88	4	113-3101	173-3536	193-3408	133-3379	413-4004	183-2508
88	W/Trim, Cross Flow	88	4	113-3101	173-3536	193-4204	133-3379	413-4004	183-2508
88	W/O Trim, Cross Flow	89-91	4	113-4028	173-3536	193-3408	133-3379	413-4004	183-2508
88	W/Trim, Cross Flow	89-91	4	113-4028	173-3536	193-4204	133-3379	413-4004	183-2508
88	W/O Trim, Cross Flow	92-93	4	113-4028	173-3536	193-3408	133-3379	R584389	183-2508
88	W/Trim, Cross Flow	92-93	4	113-4028	173-3536	193-4204	133-3379	413-4004	183-2508
88	W/O Trim, Cross Flow	94	4	113-4030	173-3536	193-3408	133-3379	R584389	183-2508
88	W/Trim, Cross Flow	94	4	113-4030	173-3536	193-4204	133-3379	R584389	183-2508
88	TS W/20 IN, Cross Flow	94-95	4	113-4028	173-3536	193-3408	133-3379	R584389	183-2508
88	TS W/25 IN, Cross Flow	94-95	4	113-4028	173-3536	193-4204	133-3379	413-4390	183-2508
88	MS, Cross Flow	95	4	113-4028	173-3536	193-3408	133-3379	R584389	183-2508
88	MS, Cross Flow	96	4	113-4028	173-3536	193-3408	133-3379	R584389	183-2508
88	TS W/20 IN, Cross Flow	96	4	113-4028	173-3536	193-3408	133-3379	413-6027	183-2508
88	TS W/25 IN, Cross Flow	96	4	113-4028	173-3536	193-4204	133-3379	413-6027	183-2508
90	Cross Flow	81-82	4	113-2125	173-3672	193-3408	133-3376	413-2161	183-2366
90	Cross Flow	83	4	113-2125	173-3672	193-3408	133-3376	R393290	183-2366
90	Cross Flow	84	4	113-2125	173-3672	193-4204	133-3376	413-4495	183-2366
90	W/O Trim, Cross Flow	85	4	113-2811	173-3672	193-3408	133-3376	413-5253	183-2508
90	W/Trim, Cross Flow	85	4	113-2811	173-3672	193-4204	133-3376	413-5253	183-2508
90	W/O Trim, Cross Flow	86-87	4	113-3110	173-3672	193-3408	133-3376	413-3036	183-2508
90	W/Trim, Cross Flow	86-87	4	113-3110	173-3672	193-4204	133-3376	413-3036	183-2508

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HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
90	W/Trim, Cross Flow	88	4	113-3101	173-3536	193-4204	133-3379	413-4004	183-2508
90	W/O Trim, Cross Flow	88	4	113-3101	173-3536	193-3408	133-3379	413-4004	183-2508
90	W/O Trim, Cross Flow	89-90	4	113-4028	173-3536	193-3408	133-3379	413-4004	183-2508
90	W/Trim, Cross Flow	89-90	4	113-4028	173-3536	193-4204	133-3379	413-4004	183-2508
90	W/O Trim, Cross Flow	91	4	113-4028	173-3536	193-3408	133-3379	413-4004	183-2508
90	W/Trim, Cross Flow	91	4	113-4028	173-3536	193-4204	133-3379	R584211	183-2508
90	W/O Trim, Cross Flow	92-93	4	113-4028	173-3536	193-3408	133-3379	413-4390	183-2508
90	W/Trim, Cross Flow	92-93	4	113-4028	173-3536	193-4204	133-3379	413-4390	183-2508
90	W/O Trim, Cross Flow	94	4	113-4030	173-3536	193-3408	133-3379	413-4390	183-2508
90	W/Trim, Cross Flow	94	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
90	JE, TurboJet, Cross Flow	94	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
90	JLE, Cross Flow	95	4	113-4028	173-3536	193-4204	133-3379	413-4390	183-2508
90	TurboJet, Cross Flow	95	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
90	EL, EX, 60 Degree	95	4	113-6292	173-4849	193-4847	133-6343	413-5085	183-3740
90	20 IN, Cross Flow	96-98	4	113-4028	173-3536	193-3408	133-3379	413-4390	183-2508
90	25 IN, Cross Flow	96-98	4	113-4028	173-3536	193-4204	133-3379	413-6027	183-2508
90	EL, SL, SX, 60 Degree	96-06	4	113-6292	173-4849	193-6048	133-6343	413-4762	183-3740
100	Cross Flow	65-66	4	N/A	N/A	R380076	POINTS	413-9900	381645**
100	Starlite	67	4	113-8362	R580648	193-3408	R580668	413-9908	183-2382
100	Cross Flow	68	4	113-8362	R580725	193-0705	133-5008	413-9909	183-2382
100	W/Alt	68	4	N/A	N/A	N/A	POINTS	413-9909	381638**
100	Cross Flow	71	4	113-7123	R173-0744	193-3408	POINTS	413-9907	183-2382
100	Cross Flow	72	4	113-8362	R173-0744	193-3408	133-5008	413-9907	183-2382
100	Cross Flow	79-80	4	113-2125	173-3672	193-3408	133-3376	413-2053	183-2366
100	Comm W/Trim, Cross Flow	84	4	113-2684	173-3672	193-4204	133-3376	413-4495	183-2366
100	Comm W/O Trim, Cross Flow	84	4	113-2684	173-3672	193-3408	133-3376	413-4495	183-2366
100	Comm W/Trim, Cross Flow	85	4	113-2704	173-3672	193-4204	133-3376	413-5253	183-2508
100	Comm W/O Trim, Cross Flow	85	4	113-2704	173-3672	193-3408	133-3376	413-5253	183-2508
100	Comm W/Trim, Cross Flow	86-87	4	113-3116	173-3672	193-4204	133-3376	413-3036	183-2508
100	Comm W/O Trim, Cross Flow	86-87	4	113-3116	173-3672	193-3408	133-3376	413-3036	183-2508
100	Comm W/Trim, Cross Flow	88	4	113-3101	173-3536	193-4204	133-3379	413-4004	183-2508
100	Comm W/O Trim, Cross Flow	88	4	113-3101	173-3536	193-3408	133-3379	413-4004	183-2508
100	Comm W/Trim, Cross Flow	89	4	113-4030	173-3536	193-4204	133-3379	413-4004	183-2508
100	Comm W/O Trim, Cross Flow	89	4	113-4030	173-3536	193-3408	133-3379	413-4004	183-2508
100	W/O Trim, Cross Flow	90	4	113-4028	173-3536	193-3408	133-3379	413-4004	183-2508
100	W/Trim, Cross Flow	90	4	113-4028	173-3536	193-4204	133-3379	413-4004	183-2508
100	W/Trim, Cross Flow	91	4	113-4028	173-3536	193-4204	133-3379	R584211	183-2508
100	W/O Trim, Cross Flow	91	4	113-4028	173-3536	193-3408	133-3379	413-4004	183-2508
100	W/Trim, Cross Flow	92-93	4	113-4028	173-3536	193-4204	133-3379	413-4390	183-2508
100	W/O Trim, Cross Flow	92-93	4	113-4028	173-3536	193-3408	133-3379	413-4390	183-2508
100	W/O Trim, Cross Flow	94	4	113-4030	173-3536	193-3408	133-3379	413-4390	183-2508

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# Johnson Evinrude Application Charts

Johnson Evinrude

Application Charts

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
100	W/Trim, Cross Flow	94	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
100	Comm W/O Trim, Cross Flow	90	4	113-4030	173-3536	193-3408	133-3379	413-4004	183-2508
100	Comm W/Trim, Cross Flow	90	4	113-4030	173-3536	193-4204	133-3379	413-4004	183-2508
100	Comm, Cross Flow	91	4	113-4030	173-3536	193-4204	133-3379	R584211	183-2508
100	Comm, Cross Flow	92-93	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
100	Comm WM, Cross Flow	94	4	113-4030	173-3536	193-4204	133-3379	R584389	183-2508
100	Comm WT, Cross Flow	94	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
100	Comm WT, WL, Cross Flow	95	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
100	Comm, Cross Flow	96-97	4	113-4030	173-3536	193-4204	133-3379	413-6027	183-2508
100	Comm, 60 Degree	00	4	113-6292	173-4849	193-6048	133-6343	413-4762	183-3740
105	60 Degree	97	4	113-6292	173-4849	193-6048	133-6343	R586028	183-3740
105	JET150, 60 Degree	96-98	6	113-4985	173-4981	193-4093	133-6343	R586028	183-3740
105	JET, 60 Degree	97-01	4	113-6292	173-4849	193-6048	133-6343	R586028	183-3740
105	Comm WE, 60 Degree	98	4	113-6292	173-4849	193-6048	133-6343	413-4762	183-3740
105	Comm WRP, 60 Degree	98	4	113-6292	173-4849	193-6048	133-6343	R586332	183-3740
105	Comm RWL, WRY, 60 Degree	98	4	113-6292	173-4849	NONE	133-6343	N/A	183-3740
105	Comm WE, 60 Degree	99	4	113-6292	173-4849	193-6048	133-6343	R586332	183-3740
105	Comm WP, 60 Degree	99-03	4	113-6292	173-4849	193-6048	133-6343	413-4762	183-3740
105	Comm WR, 60 Degree	99	4	113-6292	173-4849	N/A	133-6343	N/A	183-3740
105	Comm Man. Start, 60 Degree	00-01	4	113-6292	173-4849	193-6048	133-6343	N/A	183-3740
105	Comm WE, 60 Degree	00-01	4	113-6292	173-4849	193-4476	133-6343	R586332	183-3740
105	Comm WP, 60 Degree	00-01	4	113-6292	173-4849	193-6048	133-6343	413-4762	183-3740
105	JET, 60 Degree	92-93	6	113-4985	173-4981	193-4093	133-6343	413-4674	183-3740
105	JET Quiet Rider, 60 Degree	93	6	113-4986	173-4981	193-4093	133-6343	R584855	183-3740
105	JET V/VRO, 60 Degree	94	6	113-4985	173-4981	193-4093	133-6343	413-4674	183-3740
105	JET W/O VRO, 60 Degree	94	6	113-4985	173-4981	193-4093	133-6343	R584579	183-3740
105	JET W/O VRO Quiet Rider, 60 Degree	94	6	113-4986	173-4981	193-4093	133-6343	R584579	183-3740
105	JET W/VRO Quiet Rider, 60 Degree	94	6	113-4986	173-4981	193-4093	133-6343	413-4674	183-3740
105	JET 150, 60 Degree	95	6	113-4985	173-4981	193-4093	133-6343	413-5240	183-3740
110	W/O Trim, Cross Flow	86-87	4	113-3110	173-3672	193-3408	133-3376	413-3036	183-2508
110	W/Trim, Cross Flow	86-87	4	113-3110	173-3672	193-4204	133-3376	413-3036	183-2508
110	TL F W/O Trim, Cross Flow	86	4	113-2811	173-3672	193-3408	133-3376	413-3036	183-2508
110	TL F W/Trim, Cross Flow	86	4	113-2811	173-3672	193-4204	133-3376	413-3036	183-2508
110	W/O Trim, Cross Flow	88	4	113-3101	173-3536	193-3408	133-3379	413-4004	183-2508
110	W/Trim, Cross Flow	88	4	113-3101	173-3536	193-4204	133-3379	413-4004	183-2508
110	W/O Trim, Cross Flow	89	4	113-4028	173-3536	193-3408	133-3379	413-4004	183-2508
110	W/Trim, Cross Flow	89	4	113-4028	173-3536	193-4204	133-3379	413-4004	183-2508
112	20 IN, Cross Flow	94-95	4	113-4028	173-3536	193-3408	133-3379	R584389	183-2508
112	25 IN, Cross Flow	94-95	4	113-4028	173-3536	193-4204	133-3379	413-4390	183-2508
112	20 IN, Cross Flow	96	4	113-4028	173-3536	193-3408	133-3379	413-6027	183-2508

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HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
112	25 IN, Cross Flow	96	4	113-4028	173-3536	193-4204	133-3379	413-6027	183-2508
115	Cross Flow	69	4	113-8362	R173-0744	153-0705	133-5008	413-9906	183-2382
115	Cross Flow	70	4	113-8362	R173-0744	193-3408	133-5008	413-9907	183-2382
115	6 Amp	73	4	113-1731	173-1225	193-3408	133-1900	413-5501	183-4632
115	12 Amp	73	4	113-1731	173-2099	193-3408	133-1900	413-5501	183-4632
115	6 Amp, Cross Flow	74-76	4	113-1731	173-1225	193-3408	133-1900	413-9918	183-4632
115	12 Amp, Cross Flow	74-76	4	113-1731	173-2099	193-3408	133-1900	413-9918	183-4632
115	6 Amp, Cross Flow	77	4	113-1731	173-1225	193-3408	133-1900	413-1721	183-4632
115	12 Amp, Cross Flow	77	4	113-1731	173-2099	193-3408	133-1900	413-1721	183-4632
115	Cross Flow	78	4	113-2125	173-3672	193-3408	133-3376	413-1975	183-2366
115	Cross Flow	79	4	113-2125	173-3672	193-3408	133-3376	413-2053	183-2366
115	Cross Flow	80-82	4	113-2125	173-3672	193-3408	133-3376	413-2161	183-2366
115	Cross Flow	83	4	113-2125	173-3672	193-3408	133-3376	R393290	183-2366
115	6 Amp, Cross Flow	84	4	113-2125	173-3672	193-3408	133-3376	413-4495	183-2366
115	10 Amp, Cross Flow	84	4	113-2125	173-3672	193-4204	133-3376	413-4495	183-2366
115	W/O Trim, Cross Flow	85	4	113-2811	173-3672	193-3408	133-3376	413-5253	183-2508
115	W/Trim, Cross Flow	85	4	113-2811	173-3672	193-4204	133-3376	413-5253	183-2508
115	W/O Trim, Cross Flow	90	4	113-4028	173-3536	193-3408	133-3379	413-4004	183-2508
115	W/Trim, Cross Flow	90	4	113-4028	173-3536	193-4204	133-3379	413-4004	183-2508
115	W/O Trim, Cross Flow	91	4	113-4028	173-3536	193-3408	133-3379	R584211	183-2508
115	W/Trim, Cross Flow	91	4	113-4028	173-3536	193-4204	133-3379	R584211	183-2508
115	W/O Trim, Cross Flow	92-93	4	113-4028	173-3536	193-3408	133-3379	413-4390	183-2508
115	W/Trim, Cross Flow	92-93	4	113-4028	173-3536	193-4204	133-3379	413-4390	183-2508
115	W/O Trim, Cross Flow	94	4	113-4028	173-3536	193-3408	133-3379	413-4390	183-2508
115	W/Trim, Cross Flow	94	4	113-4028	173-3536	193-4204	133-3379	413-4390	183-2508
115	JKL W/O Trim, Cross Flow	94	4	113-4030	173-3536	R583940	133-3379	413-4390	183-2508
115	JKL W/Trim, Cross Flow	94	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
115	JE, TurboJet, Cross Flow	94	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
115	60 Degree	95	4	113-6292	173-4849	193-4847	133-6343	413-5085	183-3740
115	60 Degree	96-06	4	113-6292	173-4849	193-6048	133-6343	413-4762	183-3740
115	ML, TL, TX, W/O Trim, Cross Flow	95	4	113-4028	173-3536	193-3408	133-3379	413-4390	183-2508
115	ML, TL, TX, W/Trim, Cross Flow	95	4	113-4028	173-3536	193-4204	133-3379	413-4390	183-2508
115	JLE, W/O Trim, Cross Flow	95	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
115	JLE, W/Trim, Cross Flow	95	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
115	JKL, 80 Jet, Cross Flow	95	4	113-4030	173-3536	R583940	133-3379	R584356	183-2508
115	W/O Trim, Cross Flow	96	4	113-4028	173-3536	193-3408	133-3379	413-6027	183-2508
115	W/Trim, Cross Flow	96	4	113-4028	173-3536	193-4204	133-3379	413-6027	183-2508
115	TurboJet, Cross Flow	96	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
115	20 IN, Cross Flow	97-98	4	113-4028	173-3536	193-3408	133-3379	413-6027	183-2508
115	25 IN, Cross Flow	97-98	4	113-4028	173-3536	193-4204	133-3379	413-6027	183-2508
115	TurboJet, Cross Flow	97	4	113-4030	173-3536	193-4204	133-3379	413-4390	183-2508
120	Loop Charged Engines	85	4	113-3072	173-3669	193-4205	133-3379	413-3590	183-2508
120	Loop Charged	86-87	4	113-3101	173-3669	193-4205	133-3379	413-3145	183-2508
120	Loop Charged	88	4	113-4041	173-3410	193-4205	133-3508	413-3284	183-2508

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# Johnson Evinrude Application Charts

Johnson Evinrude

Application Charts

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
120	Loop Charged	89-90	4	113-4041	173-3410	193-4205	133-3508	413-3284	183-2508
120	Loop Charged	91	4	113-4041	173-3410	193-4205	133-3508	R584183	183-2508
120	Loop Charged	92-94	4	113-4041	173-3410	193-4205	133-3508	413-4406	183-2508
125	Cross Flow	71-72	4	113-8362	R173-0744	193-3408	133-5008	413-9907	183-2382
125	Loop Charged	89-90	4	113-4041	173-3410	193-4205	133-3508	413-3284	183-2508
125	Loop Charged	92-95	4	113-4041	173-3410	193-4205	133-3508	413-4406	183-2508
125	Loop Charged	96-98	4	113-4041	173-3410	193-4205	133-3508	R586022	183-2508
125	Comm Elec. Start Loop Charged	89-93	4	113-4041	173-3410	193-4205	133-3508	413-3284	183-2508
125	Comm Elec. Start Loop Charged	94-95	4	113-4041	173-3410	193-4205	133-3508	413-4406	183-2508
125	Comm, Man. Start, Cross Flow	96-98	4	113-4032	R583548	N/A	133-3379	N/A	183-2508
130	Loop Charged	95	4	113-4041	173-3410	193-4205	133-3508	413-4406	183-2508
130	Loop Charged	96-00	4	113-4041	173-3410	193-4205	133-3508	413-6022	183-2508
135	6 Amp PP4	73	4	113-1731	173-1225	193-3408	133-1900	413-5501	183-4632
135	12 Amp PP4	73	4	113-1731	173-2099	193-3408	133-1900	413-5501	183-4632
135	6 Amp PP4, Cross Flow	74-75	4	113-1731	173-1225	193-3408	133-1900	413-9918	183-4632
135	12 Amp PP4, Cross Flow	74-75	4	113-1731	173-2099	193-3408	133-1900	413-9918	183-4632
135	PL, VX 20", 25" shaft, Loop Charged	01	4	113-4041	173-3410	193-4205	133-3508	413-6022	183-2508
140	6 Amp, Cross Flow	77	4	113-1731	173-1225	193-3408	133-1900	413-1721	183-4632
140	12 Amp, Cross Flow	77	4	113-1731	173-2099	193-3408	133-1900	413-1721	183-4632
140	Cross Flow	78	4	113-2125	173-3672	193-3408	133-3376	413-1975	183-2366
140	Cross Flow	79	4	113-2125	173-3672	193-3408	133-3376	413-2053	183-2366
140	Cross Flow	80-82	4	113-2125	173-3672	193-3408	133-3376	413-2161	183-2366
140	Cross Flow	83	4	113-2125	173-3672	193-3408	133-3376	R393290	183-2366
140	6 Amp, Cross Flow	84	4	113-2125	173-3672	193-3408	133-3376	413-4495	183-2366
140	10 Amp, Cross Flow	84	4	113-2125	173-3672	193-4204	133-3376	413-4495	183-2366
140	Loop Charged Engines	85	4	113-3072	173-3669	193-4205	133-3379	413-3590	183-2508
140	Loop Charged	86-87	4	113-3101	173-3669	193-4205	133-3379	413-3145	183-2508
140	Loop Charged	88-90	4	113-4041	173-3410	193-4205	133-3508	413-3284	183-2508
140	Loop Charged	91	4	113-4041	173-3410	193-4205	133-3508	R584183	183-2508
140	Loop Charged	92-94	4	113-4041	173-3410	193-4205	133-3508	413-4406	183-2508
150	Cross Flow	78	6	113-1726	173-1867	193-3408	133-1486	413-9917	183-2303
150	Cross Flow	79-83	6	113-2138	173-3672	193-3408	133-3377	413-2866	183-2366
150	TL, TX, Cross Flow	84	6	113-2138	173-3672	193-4204	133-3377	413-2866	183-2366
150	AN, ST 10 Amp, Cross Flow	84	6	113-2138	173-3672	193-4204	133-3377	413-2866	183-2366
150	Comm, Cross Flow	84	6	113-2138	173-3668	193-5204	133-3377	413-2866	183-2366
150	TL, TX, Cross Flow	85	6	113-2651	173-3672	193-4204	133-3377	413-6409	183-2508
150	ST, 10 Amp, Cross Flow	85	6	113-2651	173-3672	193-4204	133-3377	413-6409	183-2508
150	ST, 35 Amp, Cross Flow	85	6	113-2651	173-3668	193-5204	133-3377	413-6409	183-2508
150	TL, TX, Cross Flow	86-87	6	113-3114	173-3672	193-4204	133-3377	413-3035	183-2508
150	ST, Cross Flow	86-87	6	113-3114	173-3668	193-5204	133-3377	413-3035	183-2508
150	GT, Cross Flow	87	6	113-3114	173-3668	193-5204	133-3377	413-3035	183-2508
150	CX, Cross Flow	88	6	113-3114	173-3537	193-5204	133-3377	R583294	183-2508
150	CX, TL, TX 9 Amp, Cross Flow	88	6	113-3114	173-3537	193-4204	133-3377	413-3294	183-2508

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
Please see the part number page for additional information that will help you identify your correct part.

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
150	ST, 35 Amp, Cross Flow	88	6	113-3114	173-3668	193-5204	133-3377	413-3294	183-2508
150	TL, TX, Cross Flow	89	6	R584044	173-3837	193-4204	133-3715	413-3295	183-2508
150	CX, Cross Flow	89	6	R584044	173-3837	193-4204	133-3715	R583709	183-2508
150	ST, Cross Flow	89-90	6	113-3865	173-4292	193-5204	133-3853	413-3852	183-2508
150	CX, TL, TX, Cross Flow	90	6	R584044	173-3837	193-4204	133-3715	413-3295	183-2508
150	GL, EL, EX, NX, 60 Degree	91	6	113-4985	173-4981	193-4093	133-6343	413-4674	183-3740
150	TL, TX, CX, Cross Flow	91	6	R584044	173-3837	193-4204	133-3715	R584220	183-2508
150	ST/SL, Cross Flow	91	6	113-3865	173-4292	193-5204	133-3853	413-4221	183-2508
150	60 Degree	92-93	6	113-4985	173-4981	193-4093	133-6343	413-4674	183-3740
150	W/O VRO, 60 Degree	94	6	113-4985	173-4981	193-4093	133-6343	R584579	183-3740
150	W/VRO, 60 Degree	94	6	113-4985	173-4981	193-4093	133-6343	413-4674	183-3740
150	Quiet Rider, 60 Degree	94	6	113-4986	173-4981	193-4093	133-6343	R584855	183-3740
150	60 Degree	95	6	113-4985	173-4981	193-4093	133-6343	413-5240	183-3740
150	60 Degree	96-06	6	113-4985	173-4981	193-6048	133-6343	R586028	183-3740
150	Comm W/O VRO, 60 Degree	93	6	113-4985	173-4981	193-4093	133-6343	R584579	183-3740
150	Comm W/VRO, 60 Degree	93	6	113-4985	173-4981	193-4093	133-6343	413-4674	183-3740
150	Comm W/VRO, 60 Degree	93	6	113-4985	173-4981	193-4093	133-6343	R584579	183-3740
150	Comm W/VRO, 60 Degree	93	6	113-4985	173-4981	193-4093	133-6343	413-4674	183-3740
150	Comm W/O VRO, 60 Degree	95	6	113-4985	173-4981	193-4093	133-6343	R585251	183-3740
150	Comm W/VRO, 60 Degree	95	6	113-4985	173-4981	193-4093	133-6343	413-5240	183-3740
150	Comm, 60 Degree	00	6	113-4985	173-4981	193-6048	133-6343	R586028	183-3740
155	Comm 35 Amp, Cross Flow	84	6	113-2556	173-3668	193-5204	133-3377	413-2866	183-2366
155	Comm 35 Amp, Cross Flow	85	6	113-2651	173-3668	193-5204	133-3377	413-6409	183-2508
155	Comm 35 Amp, Cross Flow	86-87	6	113-3114	173-3668	193-5204	133-3377	413-3035	183-2508
155	Comm 35 Amp, Cross Flow	88	6	113-3114	173-3668	193-5204	133-3377	413-3294	183-2508
155	Comm 10 Amp, Cross Flow	89-90	6	R584044	173-3837	193-4204	133-3715	413-3295	183-2508
155	Comm 35 Amp, Cross Flow	89-90	6	113-3865	173-4292	193-5204	133-3853	413-3852	183-2508
155	Comm 35 Amp, Cross Flow	91	6	113-3865	173-4292	193-5204	133-3853	413-4221	183-2508
155	Comm 35 Amp, Cross Flow	92	6	113-3865	173-4292	193-5204	133-3853	R584414	183-2508
175	Cross Flow	77-78	6	113-1726	173-1867	193-3408	133-1486	413-9917	183-2303
175	Cross Flow	79-83	6	113-2138	173-3672	193-3408	133-3377	413-2866	183-2366
175	TL, TX, Cross Flow	85	6	113-2651	173-3668	193-5204	133-3377	413-6409	183-2508
175	TL, TX, Cross Flow	86-87	6	113-2651	173-3668	193-3689	133-3377	413-3035	183-2508
175	ST, TL, TX, Cross Flow	88	6	113-3114	173-3668	193-5204	582129**	413-3294	183-2508
175	Cross Flow	89-90	6	113-3865	173-4292	193-5204	133-3853	413-3852	183-2508
175	GL, EL, EX, NX, SL W/ VRO, 60 Degree	91-94	6	113-4985	173-4981	193-4093	133-6343	413-4674	183-3740

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# Johnson Evinrude Application Charts

Johnson Evinrude

Application Charts

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
175	SL, TX, ST, Cross Flow	91	6	113-3865	173-4292	193-5204	133-3853	413-4221	183-2508
175	105 Jet Quiet Rider, 60 Degree	93-94	6	113-4986	173-4981	193-4093	133-6343	R586855	183-3740
175	W/O VRO, 60 Degree	94	6	113-4985	173-4981	193-4093	133-6343	R584579	183-3740
175	EX/GL/NX/SL, 60 Degree	95	6	113-4985	173-4981	193-4093	133-6343	413-5240	183-3740
175	60 Degree	96-06	6	113-4985	173-4981	193-6048	133-6343	R586028	183-3740
175	105 Jet Quiet Rider, 60 Degree	96-98	6	113-4986	173-4981	193-6048	133-6343	R586028	183-3740
185	TL, TX, Cross Flow	84	6	113-2138	173-3672	193-4204	133-3377	413-2866	183-2366
185	TL, TX, Cross Flow	85	6	113-2651	173-3668	193-5204	133-3377	413-6409	183-2508
185	ES, Loop Charged	89-90	6	113-4037	173-4287	193-3689	133-3533	413-3282	183-2508
185	Loop Charged	91	6	113-4037	173-4287	193-3689	133-3533	413-4171	183-2508
185	Loop Charged	92	6	113-4037	173-4287	193-3689	133-3533	413-4404	183-2508
185	Loop Charged	93-94	6	113-6212	173-4643	193-4641	133-3533	413-4645	183-2508
200	Cross Flow	76-78	6	113-1726	173-1867	193-3408	133-1486	413-9917	183-2303
200	Cross Flow	79-83	6	113-2138	173-3672	193-3408	133-3377	413-2866	183-2366
200	Loop Charged	86-87	6	113-3605	173-3117	193-3689	133-3048	413-3047	183-2508
200	Loop Charged	88-90	6	113-4037	173-4287	193-3689	133-3533	413-3282	183-2508
200	Loop Charged	91	6	113-4037	173-4287	193-3689	133-3533	413-4171	183-2508
200	Loop Charged	92	6	113-4037	173-4287	193-3689	133-3533	413-4404	183-2508
200	Loop Charged	93-94	6	113-6212	173-4643	193-4641	133-3533	413-4645	183-2508
200	Loop Charged	95	6	113-6212	173-4643	193-4641	133-3533	413-5241	183-2508
200	Loop Charged	96-98	6	113-6212	173-4643	193-4641	133-3533	413-6023	183-2508
200	Loop Charged	99-01	6	113-6212	173-4643	193-4641	133-3533	R586243	183-2508
200	Comm, Loop Charged	94	6	113-6212	173-4643	193-4641	133-3533	413-4645	183-2508
200	Comm, Loop Charged	00	6	113-6212	173-4643	193-4641	133-3533	R586243	183-2508
225	Loop Charged	86-87	6	113-3605	173-3117	193-3689	133-3048	413-3047	183-2508
225	Loop Charged	88-89	6	113-4037	173-4287	193-3689	133-3533	413-3282	183-2508
225	Loop Charged	91	6	113-4037	173-4287	193-3689	133-3533	413-4171	183-2508
225	Loop Charged	92	6	113-4037	173-4287	193-3689	133-3533	413-4404	183-2508
225	Loop Charged	93-94	6	113-6212	173-4643	193-4641	133-3533	413-4645	183-2508
225	Loop Charged	95	6	113-6212	173-4643	193-4641	133-3533	413-5241	183-2508
225	Loop Charged	96	6	113-6212	173-4643	193-4641	133-3533	413-6023	183-2508
225	Loop Charged	97-98	6	113-6212	173-4643	193-4641	133-3533	413-6023	183-2508
225	Loop Charged	99-01	6	113-6212	173-4643	193-4641	133-3533	R586243	183-2508
235	Cross Flow	78	6	113-1726	173-1867	193-3408	133-1486	413-9917	183-2303
235	Cross Flow	79-83	6	113-2138	173-3672	193-3408	133-3377	413-2866	183-2366
235	ST (PORT) 35 Amp, Cross Flow	84	6	113-2138	173-3668	193-5204	133-3377	413-2866	183-2366
235	ST (STBD) 35 Amp, Cross Flow	84	6	113-2556	173-3668	193-5204	133-3377	413-2866	183-2366
235	TL, TX, Cross Flow	85	6	113-2651	173-3668	193-5204	133-3377	413-6409	183-2508
235	S, 10 Amp, Cross Flow	85	6	113-2537	173-3672	193-4204	133-3377	413-6409	183-2508
235	S, 35 Amp, Cross Flow	85	6	113-2537	173-3668	193-5204	133-3377	413-6409	183-2508
250	Loop Charged	99-01	6	113-6212	173-4643	193-4641	133-3533	R586243	183-2508
250	Loop Charged	91	8	113-4035	173-4287	193-3689	133-3531	R584224	183-2508
250	Loop Charged	92	8	113-4035	173-4287	193-3689	133-3531	R584407	183-2508
250	"F" Suffix, Loop Charged	93-94	8	113-4642	173-4287	193-4641	133-3531	R584886	183-2508

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HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
250	"S" Suffix, Loop Charged	93-94	8	113-4642	173-4287	193-4641	133-3531	R584682	183-2508
250	Loop Charged	95	8	113-4642	173-4643	193-4641	133-3531	R585242	183-2508
250	Loop Charged	96-97	8	113-4642	173-4643	193-4641	133-3531	R586024	183-2508
250	Loop Charged	98	8	113-4642	173-4643	193-4641	133-3531	R586244	183-2508
275		85	8	113-3072	173-3117	193-3689	583375**	413-1483	183-2508
275	3.6L	86-87	8	113-3101	173-3117	193-3689	583148**	R583033	183-2508
275	Loop Charged	88	8	113-4035	173-4287	193-3689	133-3531	413-3283	183-2508
300	3.6L	85	8	113-3072	173-3117	193-3689	583375**	413-1483	183-2508
300	3.6L	86-87	8	113-3101	173-3117	193-3689	583148**	R583033	183-2508
300	Loop Charged	88-90	8	113-4035	173-4287	193-3689	133-3531	413-3283	183-2508
300	Loop Charged	91	8	113-4035	173-4287	193-3689	133-3531	R584224	183-2508
300	Loop Charged	92	8	113-4035	173-4287	193-3689	133-3531	R584407	183-2508
300	Loop Charged	93-94	8	113-4642	173-4287	193-4641	133-3531	R584886	183-2508
300	Loop Charged	95	8	113-4642	173-4643	193-4641	133-3531	R585242	183-2508

**Sea Drive**

HP	Model	Year	Cyl.	Ign. Pack	Stator	Rec/Reg	Trigger	Harness	Ign. Coil
2.5 L		82	6	113-2138	173-3672	153-3408	133-3377	413-2866	183-2366
2.6 L		82	6	113-2138	173-3672	153-3408	133-3377	413-2866	183-2366
1.6 L		83	8	113-2125	173-3672	153-3408	133-3376	R393290	183-2366
2.6 L	1AA/2BA/2BB /10 Amp	83	6	113-2556	173-3672	153-3408	133-3377	R582586	183-2366
2.6 L	1AA/2BA/2BB /35 Amp	83	6	113-2138	173-3668	193-5204	133-3377	R393603	183-2366
1.6 L	S V4	84	4	113-2125	173-3672	193-5204	133-3376	413-4495	183-2366
2.5 L		84	6	113-2556	173-3668	193-5204	133-3377	413-2866	183-2366
2.6 L		84	6	113-2556	173-3668	193-5204	133-3377	413-2866	183-2366
1.6 L		85	4	113-2811	173-3672	193-5204	133-3376	413-5253	183-2508
2.5 L		85	6	113-2651	173-3668	193-5204	133-3377	R582915	183-2508
2.6 L		85	6	113-2651	173-3668	193-5204	133-3377	R582915	183-2508
1.6 L		86	4	113-3110	173-3672	193-5204	133-3376	413-3036	183-2508
2.6 L		86	6	113-3114	173-3668	193-3689	133-3376	413-3035	183-2508
1.6 L		87	4	113-3110	173-3672	193-5204	133-3376	R984733	183-2508
1.8 L		87	4	113-3101	173-4291	193-3689	133-3379	R583135	183-2508
2.7 L		87	6	113-3605	173-3668	193-3689	133-3048	R583179	183-2508
3.6 L		87	8	113-3101	173-3117	193-3689	N/A	R583181	183-2508
1.6 L		88	4	113-3101	173-3536	193-4204	133-3379	R986537	183-2508
2.0 L		88	4	113-4041	173-4288	193-3689	133-3508	R583596	183-2508
3.0 L		88	6	113-4037	173-4287	193-3689	133-3533	R583597	183-2508
1.6 L		89	4	113-4030	173-3536	193-4204	133-3379	R986537	183-2508
2.0 L		89	4	113-4041	173-4288	193-3689	133-3508	R583596	183-2508
3.0 L		89	6	113-4037	173-4287	193-3689	133-3533	R583597	183-2508
4.0 L		89	8	113-4035	173-4287	193-3689	133-3531	R583598	183-2508
1.6 L		90	4	113-4028	173-3536	193-4204	133-3379	R986537	183-2508
2.0 L		90	4	113-4041	173-4288	193-3689	133-3508	R583596	183-2508
3.0 L		90	6	113-4037	173-4287	193-3689	133-3533	R583597	183-2508
4.0 L		90	8	113-4035	173-4287	193-3689	133-3531	R583598	183-2508


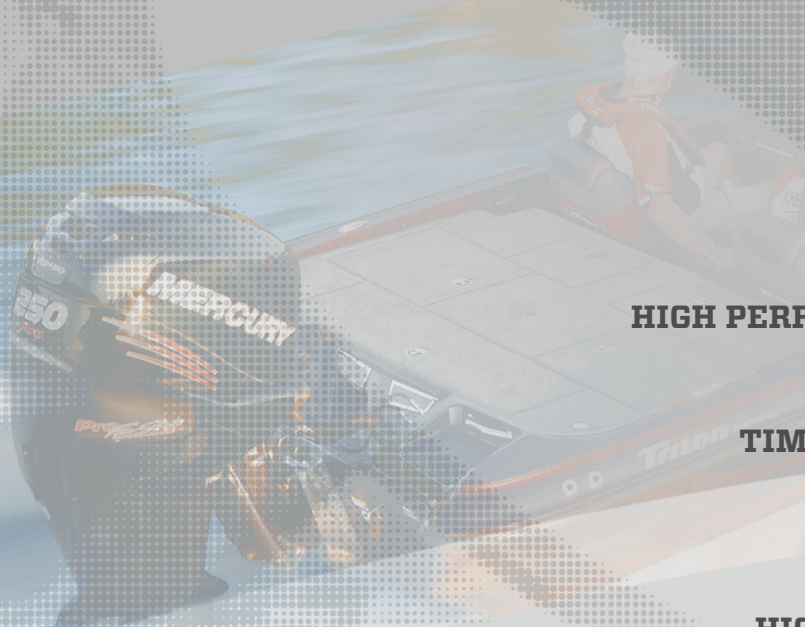
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# MERCURY MARINER

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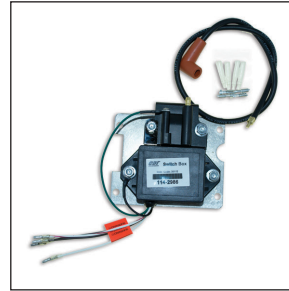
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**114-2803**  
**Ignition Pack Inline**  
**6 Cyl.**

1966-1967 (95HP - Model 950) &  
(110HP - Model 1100) Battery Ignition

**Replaces**  
332-2803, 332-2803A 3, 332-2803A 4



**114-2986**  
**Ignition Pack 4/6 Cyl.**

1967-1975 (50,65,80 & 85HP - 4 Cyl.) 1967-1979 (90,100,115,125,135,140 & 150HP - Inline 6 Cyl.) Battery Ignition

**Replaces**  
332-2986, 332-2986A 3, 332-2986A 4, 332-2986A 5, 332-2986A 7, 332-2986A 8, 332-2986A 9, 332-2986A10, 332-2986A17, 332-2986A21, 332-2986A22, 332-2986A23, 332-2986A24, 332-2986A25, 332-2986A27



**114-2986K 1**  
**Ignition Pack Kit**  
**4/6 Cyl.**

1967-1975 (50,65,80 & 85HP - 4 Cyl.)  
1967-1979 (90,100,115,125,135,140 & 150HP - Inline 6 Cyl.) Battery Ignition

**Replaces**  
337-4406, 337-4411, 393-3736A78



**114-4796**  
**Ignition Pack 3 Cyl.**

1972-1975 (65HP) Model 650 Engines - Battery Ignition

**Replaces**  
332-4796, 332-4796A 3, 332-4796A 6



**114-4911**  
**Ignition Pack 2 Cyl.**

1973-1977 (20HP - Model 200)  
1972-1977 (40HP - Model 402)  
1975-1981 (40HP)

**Replaces**  
332-4911A 5, 332-4911A 8,  
332-4911A 2, 338-4733,  
338-4733A 2



**114-4952**  
**Ignition Pack 2 Cyl.**

1992-1995 (40 & 50HP) Force 2 Cyl. Engines

**Replaces**  
18495A13, 18495A11, 18495A 2,  
18495A 4, 18495A 5, 18495A 6,  
18495A 8



**114-4952A30**  
**Ignition Pack 2 Cyl.**

1994-1997 (15,20 & 25 JET HP)  
Trigger is Locked

**Replaces**  
18495A 9, 18495A16, 18495A17,  
18495A20, 18495A21, 18495A30,  
18495A14



**114-4953**  
**Ignition Pack 3 Cyl.**

Mercury (1994-1997 (65 JET,75,90 & 95 SportJet) Force (1993-1995 (70 & 90HP)

**Replaces**  
18495A15, 18495A26, 18495A18,  
18495A19, 18495A10, 18495A12



**114-4953-32**  
**Ignition Pack 6 Cyl.**

1997-2005 (175 & 210HP)  
Sport Jet Engines

**Replaces**  
18495A31, 18495A32, 18495A22,  
18495A23



**114-5713**  
**Ignition Pack 2 Cyl.**

1997-2006 (6,8,9,9,10,15,20 & 25HP)  
2 Stroke Engines w/ 4 magnet Flywheel

**Replaces**  
855713A 3, 855713A 4



### 114-5772 Ignition Pack 4 Cyl.

Mercury (1976-1997 (30  
Jet,40,45,50,75,80,85,100,115 & 125HP)  
Force (1991-1995 (120HP)

#### Replaces

332-5772, 332-5772A 1,  
332-5772A 2, 332-5772A 3,  
332-5772A 4, 332-5772A 5,  
332-5772A 7

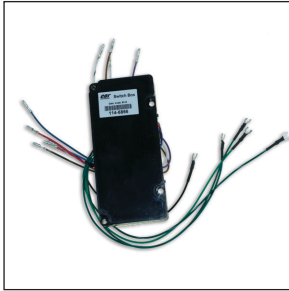


### 114-6222 Ignition Pack 2 Cyl.

1976-1980 (4HP - Model 40) 1974-1986  
(7.5HP - Model 75)1974-1985 (9.8HP - Model  
110) 1977-1981 (20HP)

#### Replaces

339-5287, 339-6222 ,  
339-6222A 1, 339-6222A 4,  
339-6222A 6, 339-6222A 8,  
339-6222A10, 899883229,  
821889A15



### 114-6866 Ignition Pack 4 Cyl.

1995 (120HP) Sport Jet Engines

#### Replaces

332-826866A 2



### 114-7452A 3 Ignition Pack 2 Cyl.

1980-1987 (18,20,25,35 & 40HP)  
Engines Using the Stud Type Pack

#### Replaces

899883230, 339-7452A 2,  
339-7452A 3



### 114-7452K 1 Ignition Pack 2 Cyl.

1980-1997 (6,8,9,9,10,15,20,25 & 35HP)  
Engines Using the Bullet Connection Pack

#### Replaces

339-7452A 1, 339-7452A 7,  
339-7452A 8, 339-7452A 9,  
339-7452A10, 339-7452A11,  
339-7452A14, 339-7452A15,  
339-7452A18, 339-7452A19,  
339-7452A20, 339-7452A21



### 114-7509 CDM Module 2/3/4/6 Cyl.

Mercury (1996-2007 (30-300HP) Force  
(1996-1999 (40,50,75,90 & 120HP)

#### Replaces

827509A 1, 827509A 3, 827509A 4,  
827509A 7, 827509A 8, 827509A 9  
827509A10, 827509T 7



### 114-7509K 1 Ignition Pack Conversion Kit 2/6 Cyl.

1995-1996 (30 & 40HP - 2Cyl.) 1993-1995  
(225 & 250HP 3.0L - 6 Cyl.)

#### Replaces

822779A 2, 822779A 5, 822779A10,  
822779A12, 822779A13, 822779A14,  
827509A12, 827509A 6

**Upgrade  
Available**



### 114-7778 Ignition Pack 3/6 Cyl.

Mercury (1984-1994 (50-90HP - 3 Cyl.)  
1976-1999 (90-225HP - 6 Cyl.) Force  
(1991-1992 (70 & 90HP)

#### Replaces

332-7778A 9, 332-5524,  
332-5524A 1, 332-7778,  
332-7778A 1, 332-7778A 3,  
332-7778A 5, 332-7778A 6,  
332-7778A12

**High Performance Part Available!**  
See 214-7778K 1, 214-7778K 2,  
214-7778K 3, 214,7778R 2  
on Page 83

Does Not Include 3.0L Engines



### 114-9052 Ignition Pack 3 Cyl.

1991-1997 (45 JET,50,55 & 60HP)

#### Replaces

19052A 1, 19052A 2, 19052A 3,  
19052A 5, 19052A 6, 19052A 7,  
19052A 8



### 117-TIA02-12 Ignition Pack 2 Cyl.

Yamaha 1989-1994 (55HP) Mariner 1977-  
1978 (48-60HP)

#### Replaces

TIA02-10, TIA02-12, 81542M,  
83030M, 83030T, 663-85540-14-00,  
663-85540-15-00



**214-7778K 1**  
**High Performance Ignition Pack Kit**  
**6 Cyl. 9 amp**

1976-2001 (135-260HP - 6 Cyl.)

Replaces  
 114-7778



Includes: (2) 214-7778R 2,  
 274-4546-S 7 and 134-6456



**214-7778K 2**  
**High Performance Ignition Pack Kit**  
**6 Cyl., 16 amp**

1976-2001 (135-260HP - 6 Cyl.)

Replaces  
 114-7778



Includes: (2) 214-7778R 2,  
 274-5456-S15 and 134-6456



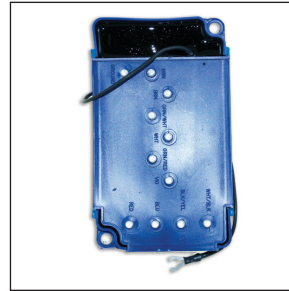
**214-7778K 3**  
**High Performance Ignition Pack Kit**  
**6 Cyl., 40 amp**

1976-2001 (135-260HP - 6 Cyl.)

Replaces  
 114-7778



Includes: (2) 214-7778R 2,  
 274-9610S 2, 134-6456



**214-7778R 2**  
**High Performance Ignition Pack 3/6 Cyl.**

1976-2001 (135-260HP - 6 Cyl.)

Replaces

332-7778A10, 332-7778A 2,  
 332-5524A 2, 332-7778A14,  
 332-7778A15, 332-7778R 2,  
 332-7778A 8, 332-7778A 4

2 Required



**144-1889-30**  
**RPM Limiter 6 Cyl.**

1992-2005 (125-200HP) Jet Drive Engines,  
 5800 RPM Limit

Replaces

821889A20, 821889A30, 821889A27



**144-1889-51**  
**RPM Limiter 2/3/4 Cyl.**

1992-2006 (2 Stroke Outboard and SportJet  
 Engines requiring a 5200 RPM Limit)

Replaces

821889A49, 821889A50, 821889A51,  
 821889A34, 821889A22, 821889A28,  
 821889A29, 821889A19, 821889A38,  
 821889A40, 821889A41, 821889A42,  
 821889A45, 821889A46, 821889A47,  
 821889A53



**144-1889-52**  
**RPM Limiter 2/3/4 Cyl.**

1992-2006 (2 Stroke Outboard and SportJet  
 Engines requiring a 5800 RPM Limit)

Replaces

821889A36, 821889A52, 821889A 2,  
 821889A 4, 821889A 6, 821889A 8,  
 821889A12, 821889A14, 821889T24,  
 821889A48, 821889A44, 821889A18,  
 821889A24, 821889A31, 821889A32



**144-1889-55**  
**RPM Limiter 6 Cyl.**

240 SportJet, 6600 RPM Limit

Replaces

821889A54, 821889A55



**144-3251A 5**  
**TPM 2 Cyl.**

1994-1995 (30 & 40HP) w/ 3 Wire CDM  
 Module

Replaces

823251A 5



**144-3251A 6**  
**TPM 2 Cyl.**

1996-1999 (30 & 40HP) w/ 4 Wire CDM  
 Module

Replaces

823251A 4, 823251A 6



**144-4857-16**  
**Oil Warning Module**  
**2/3/4 Cyl.**

1990-1999 (2 Stroke Outboards and SportJet Engines w/Oil Injection)

**Replaces**

14857, 14857 1, 14857-1, 14857A 1, 14857A 2, 14857A 3, 14857A 4, 14857A 6, 14857A 7, 14857A 8, 14857A 9, 14857A10, 14857A11, 14857A12, 14857A13, 14857A14, 14857A15, 14857A16



**144-7169**  
**TPM 6 Cyl.**

2000-2005, EFI Engines

**Replaces**

857169A 2, 857169T 1, 857169T 2, R857169T 2



**144-7185**  
**TPM 6 Cyl.**

2000-2007, Carbureted Engines

**Replaces**

857185A 2, 857185A1, 857185T 1, 857185T1



**852-9809**  
**Tilt/Trim Relay**  
**12 Volt, 40 amp**

12 Volt, 40 amp for Trim/Trim

**Replaces**

582472, 584416, 586224, 586147, 9-15200, 87-19761

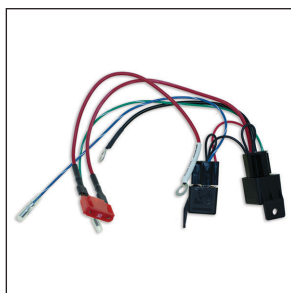


**852-9819**  
**Tilt/Trim Relay**

12 Volt, 40 amp for Trim/Tilt

**Replaces**

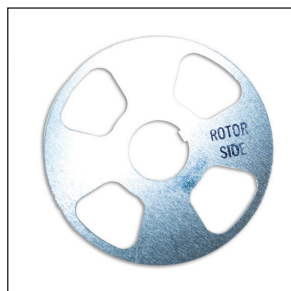
882751A 1, 882751A 2, 828151, 828151A 1, 828151A 2



**852-9820**  
**Tilt/Trim Relay**  
**Assembly**

40 amp for Trim/Trim

Includes: 2 Replaceable Relays, Mounting Box, Fuse & Harness



**134-3236-S**  
**Distributor Trigger Disk**  
**4 Cyl.**

1969-1975 (80 & 85HP - 4 Cyl.) Outboard Engines w/ a Battery Powered Distributor, Replacement Disc Only

**Replaces**

134-3236, 393-3236



**134-3736**  
**Distributor Trigger**  
**Housing 4/6 Cyl.**

1969-1975 (80 & 85HP - 4 Cyl.) 1967-1979 (90,110,115,135,140 & 150HP - Inline 6 Cyl.) Outboard Engines w/ a Battery Powered Distributor

**Replaces**

332-4177, 332-4177A 3, 393-3736A79, 393-3736, 393-3736A 3, 393-3736A23, 393-3736A77

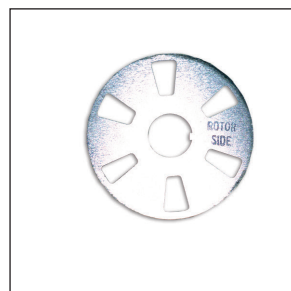


**134-3960-2**  
**Trigger 2 Cyl.**

1998-2006 (30 & 40HP)

**Replaces**

853960 T , 855747A 1



**134-4313S**  
**Trigger Disk 6 Cyl.**

1967-1979 (90,110,115,135,140 & 150HP - Inline 6 Cyl.) Outboard Engines w/ a Battery Powered Distributor

**Replaces**

134-4313, 393-4313



**134-4512-3**  
**CDM Trigger 3 Cyl.**

1996-2007 (30,40,50,55,65,75 & 90HP)

**Replaces**

855746A12, 855746A 1, 854512 T, 834520T



**134-4513-4**  
**CDM Trigger 4 Cyl.**

1996-2006 (80 JET,100,115 & 125HP)

**Replaces**

855746A 2, 855746A21, 855748A 2, 834821T, 854513 T

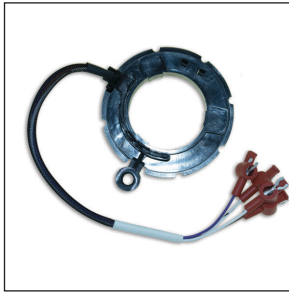


**134-6452**  
**Trigger 4 Cyl.**

1976-1997 (30 JET,40,45,50,80 & 85HP)  
Straight Arm

**Replaces**

73372A 1, 73410A 1, 76681A 1, 77000A 2, 96452A 1, 96452A 4, 96452A 5



**134-6453**  
**Trigger 3 Cyl.**

1977-1990 (50,60,65 & 70HP)

**Replaces**

68162A 6, 68162A 3, 96455A 8, 96455A 1

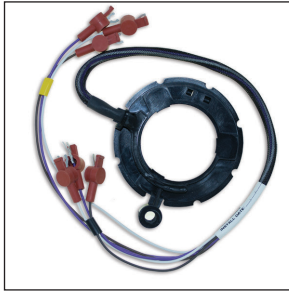


**134-6454**  
**Trigger 4 Cyl.**

1984-1986 (75HP) 1980-1983 (80HP)  
Hooked Arm

**Replaces**

77000A 1, 965451, 96453A 1, 96453A 2



**134-6456**  
**Trigger 6 Cyl.**

1976-1999 (90-225HP - 6 Cyl.)

**Replaces**

68162A 1, 68162A 5, 68162A 8, 96455A 6, 96455A 9, 96455A10, 96455A11

Does Not Include 3.0L Engines



**134-6456-15**  
**Trigger 6 Cyl.**

1997-2005 (175 & 210HP)  
Sport Jet Engines

**Replaces**

96455A15



**134-6456-18**  
**CDM Trigger 6 Cyl.**

2000-2007 (135,140,150,175,200 & 240HP SportJet) 2 Stroke

**Replaces**

96455A18, 96455T18

Does Not Include Direct Injection Engines



**134-7029-3**  
**Trigger 3 Cyl.**

Mercury (1993-1997 (90 & 95HP) SporJet)  
Force (1991-1995 (70 & 90HP)

**Replaces**

817029A 9, 817029A 3



**134-7029-4**  
**Trigger 4 Cyl.**

Mercury (1995 (120HP) SportJet) Force  
(1991-1995 (120HP)

**Replaces**

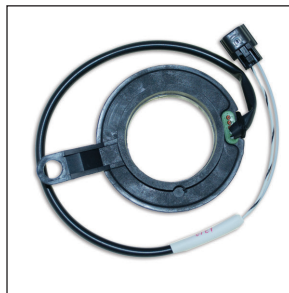
817029A11, 817029A 4



**134-8303-4**  
**CDM Trigger 4 Cyl.**

Mercury (1995-2000 (120HP) SportJet) Force (1996-1999 (120HP))

**Replaces**  
828303A 1, 855745A22



**134-9021-2**  
**Trigger 2 Cyl.**

1995-1999 (30 & 40HP) Engines w/ TPM Modules

**Replaces**  
99021A11, 99021A14



**134-9021-3**  
**Trigger 3 Cyl.**

1987-1999 (45 JET, 50, 60, 65, 70, 75, 80 & 90HP)

**Replaces**  
99021A15, 99021A16, 99021A13, 99021A 8, 99021A 3, 99021A 5, 99021A 7



**134-9021-4**  
**Trigger 4 Cyl.**

1988-1997 (80 JET, 100, 115 & 125HP)

**Replaces**  
99021A 2, 99021A 6, 99021K 2



**994-1111K 1**  
**Distributor Trigger Service Kit**

1969-1971 (65HP - 4 Cyl.) 1969-1972 (80HP - 4 Cyl.) 1973-1975 (85HP) 1978-1979 (90HP - 6 Cyl.) 1970-1979 (115HP) 1970-1971 (135HP) 1972-1977 (140-150HP)

Includes: 4 & 6 Cyl. Disks, Retainer Ring, Spacer, Over-Sized Spacer & Top and Bottom Bearings



**994-3981**  
**Insulator Blocks**

1970-1975 (4HP - 1 Cyl.)  
1966-1989 (4,4.5,7.5,9.8 & 20HP - 2 Cyl.)

**Replaces**  
336-3981



**994-4371**  
**Distributor Shaft & Rotor 4/6 Cyl.**

Fits Most 1970-1979 (Outboard Engines w/ a Distributor)

**Replaces**  
393-4312, 393-4371



**994-4463**  
**Condensor**

1972-1975 (4HP - 1 Cyl.)  
1980-1989 (4,4.5,7.5,9.8 & 20HP - 2 Cyl.)

**Replaces**  
336-4463



**994-4603**  
**Distributor Shaft & Rotor 3 Cyl.**

1972-1975 (65HP)

**Replaces**  
337-4603

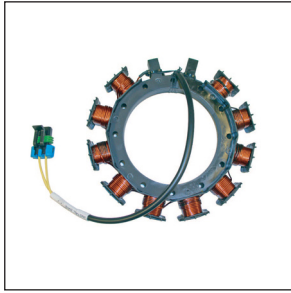


**994-4841**  
**Distributor Cap 6 Cyl.**

Fits Most 1970-1979 (Outboard Engines w/ a Distributor)

**Replaces**  
393-4841A 2

Includes: Distributor Brush & Spring Assembly.



### 174-0001 Stator 3/4 Cyl., 16 amp

Mercury (2002-2008 (30,50 & 60HP)  
4-Stroke EFI Engines) Yamaha (2003-2005  
(25 & 30HP) 4-Stroke EFI Engines)

#### Replaces

398-878143A 5, 398-878143A05,  
398-878143T 3, 398-878143T 5,  
398-878143T03, 398-878143T05,  
R398-878143T 3, R398-878143T 5

\*Not for use with Flywheels with  
Bolted-In Magnets.



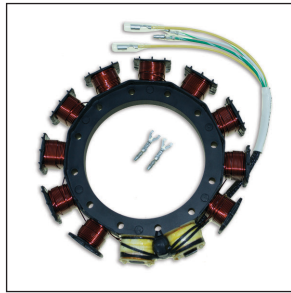
### 174-0002 Stator 6 Cyl., 40 amp

2000-2007 (135,140,150,175,200 & 240HP)

#### Replaces

398-858404A 3, 398-858404A 4,  
398-858404T 4

\*Not for use with Flywheels with  
Bolted-In Magnets.



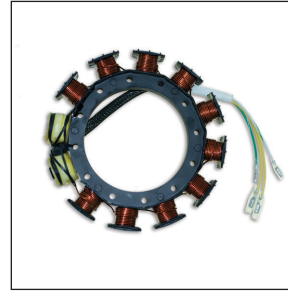
### 174-2075K 1 Stator 2/3 Cyl., 9 amp

1995-2005 (30 & 40HP - 2 Cyl.) 1996-2005  
(40,50,55 & 60HP - 3 Cyl.) w/ CDM Modules

#### Replaces

398-832075A13, 398-832075A14,  
398-832074A 5, 398-832074A11,  
398-9783A18, 398-9783A29,  
398-9873A13, 398-9873A15

\*Not for use with Flywheels with  
Bolted-In Magnets.



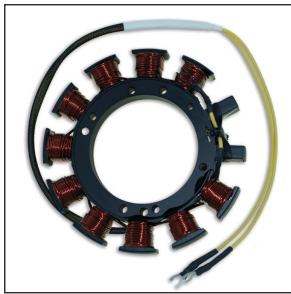
### 174-2075K 2 Stator 2/3 Cyl., 16 amp

1995-2006 (30 & 40HP - 2 Cyl.) 1996-2007  
(30 JET, 40,50,55,60,65 JET,75 & 90HP - 3  
Cyl.) 1995-2006 (80 JET, 100,115,120 JET &  
125HP - 4 Cyl.) w/CDM Modules

#### Replaces

398-9873A19, 398-9873A22, 398-  
9873A28, 398-832075A 3, 398-832075A  
4, 398-832075A 6, 398-832075A12,  
398-832075A17, 398-832075A21, 398-  
832075T18

\*Not for use with Flywheels with  
Bolted-In Magnets.

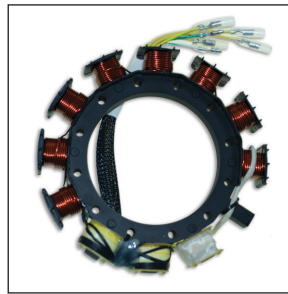


### 174-2188 Stator 10 amp

1966-1967 (95 & 110HP) Battery Charge  
Stator for Older Mercury Engines

#### Replaces

398-2188



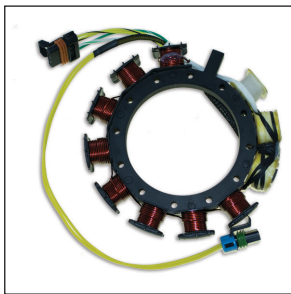
### 174-2386 Stator 2/3 Cyl., 16 amp

1998-2005 (25HP - 2 Cyl.) 2002-2005 (30  
& 40HP - 3Cyl.) Manual Start, 4-Stroke,  
Bullet Connectors

#### Replaces

398-852386A 4, 398-852386T 4,  
398-852386T6, 398-852386T8,  
65W-85510-10-00

\*Not for use with Flywheels with  
Bolted-In Magnets.



### 174-2387 Stator 2/3/4 Cyl., 16 amp

1998-2005 (25HP - 2 Cyl.) 2002-2005  
(30 & 40HP - 3 Cyl.) 2002-2005 (40,50 &  
60HP - 4Cyl.) Electric Start, 4-Stroke, 4-Pin  
Connector

#### Replaces

852387A 3, 852387A 4, 852387A 6,  
852387T 6, 852387T 7

\*Not for use with Flywheels with  
Bolted-In Magnets.



### 174-3175 Replacement Red Low Speed Stator Coil 4 Cyl.

1968 (56HP) 1070-1975 (50HP)

#### Replaces

333-3175

Recommended to Replace High &  
Low Speed Coils Simultaneously



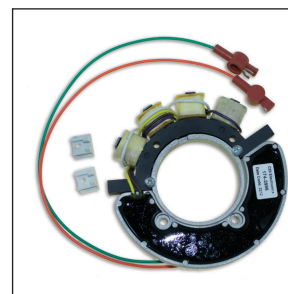
### 174-3176 Replacement Blue High Speed Stator Coil 4 Cyl.

1968 (56HP) 1070-1975 (50HP)

#### Replaces

333-3176

Recommended to Replace High &  
Low Speed Coils Simultaneously



### 174-3996 Stator 1/2 Cyl.

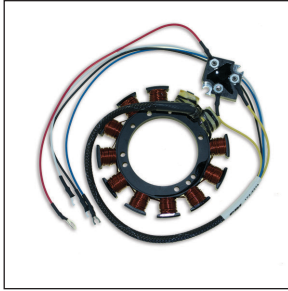
1970-1971 (4HP - 1 Cyl.) 1966-1971 (7.5,9.8  
& 20HP - 2 Cyl. (9.8HP - 2 Cyl.)

#### Replaces

339-3962A 4, 339-3996A 4,  
339-3996A 7, 336-3996,  
336-3996A 7, 336-3962

Includes: (2) 994-3981 Insulator  
Blocks





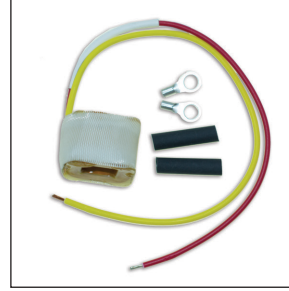
### 174-4424 Stator 2 Cyl., 10 amp

1970-1971 (40HP - 2 Cyl.)

**Replaces**  
398-3873, 398-4204, 398-4423,  
398-4424, 398-4799

Includes: 154-6770 Rectifier

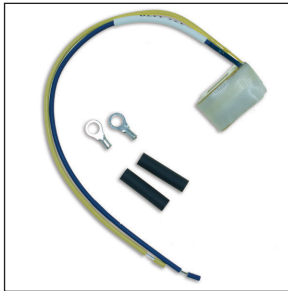
\*Not for use with Flywheels with  
Glued-In Magnets.



### 174-4469 Replacement Low Speed Stator Coil 1/2 Cyl.

1972-1975 (4HP - 1 Cyl.) 1972-1989  
(4,4.5,7.5,9.8 & 20HP - 2 Cyl.)

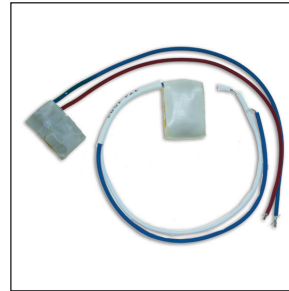
**Replaces**  
336-4467, 336-4467A 1, 336-4469,  
336-4469A 1



### 174-4470 Replacement High Speed Stator Coil 1/2 Cyl.

1972-1975 (4HP - 1 Cyl.) 1972-1989  
(4,4.5,7.5,9.8 & 20HP - 2 Cyl.)

**Replaces**  
336-4470, 336-4470A 1, 336-4468,  
336-4468A 1

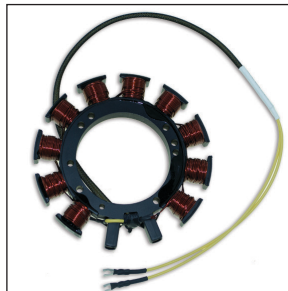


### 174-4638 Replacement Stator Coil Set 2 Cyl.

1973-1977 (20HP)

**Replaces**  
338-4991A 1, 338-4992A 1

Includes: 174-4991 & 174-4992



### 174-4793 Stator 4/6 Cyl., 10 amp

1969-1975 (65,80 & 85HP - 4 Cyl.) 1972-1979  
(90,115,125,135,140 & 150HP - 6 Cyl.)

**Replaces**  
398-3587, 398-3618, 398-3633,  
398-4792, 398-4793, 398-5232

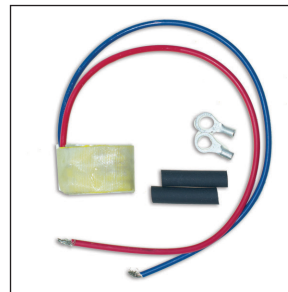
\*Not for use with Flywheels with  
Glued-In Magnets.



### 174-4991 Replacement Stator Coil Low Speed Coil 2 Cyl.

1973-1977 (20HP)

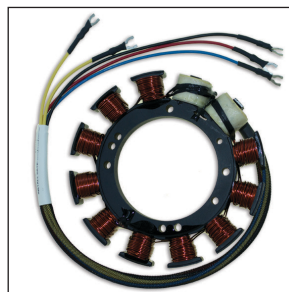
**Replaces**  
R338-4991, 338-4991A1



### 174-4992 Replacement Stator Coil High Speed Coil 2 Cyl.

1973-1977 (20HP)

**Replaces**  
174-4992A 1, 338-4992A1



### 174-5255 Stator 2 Cyl. 10 amp

1972-1981 (40HP)

**Replaces**  
398-5255, 398-5256, 398-4770



Upgrade  
Available

### 174-5454K 1 Stator 3/4 Cyl., 9 amp

1976-1990 (50,60,65 & 70HP - 3 Cyl.) 1976-1997  
(40,45,50,75,80 & 85HP - 4 Cyl.)

**Replaces**  
398-858535A13, 398-858535A15,  
398-858535A3, 398-18535A15, 398-5454A 4,  
398-5454A62, 398-5454A63, 398-5454A56,  
398-5704A 2, 398-5704A 4, 398-5704A 5,  
398-5704A 7, 398-5919A 2, 398-5919A 3,  
398-5919A 6, 398-5919A 7, 398-5919A 8,  
398-5919A10, 398-5454A41, 398-5454A42,  
398-5454A21, 398-5454A22, 398-5454A24,  
398-5454A25, 398-5454A26

High Performance  
Part Available!  
See 274-5454K 1  
on Page 90.

\*Not for use with Flywheels  
with Glued-In Magnets.



Upgrade  
Available

### 174-5456 Stator 6 Cyl., 9 amp

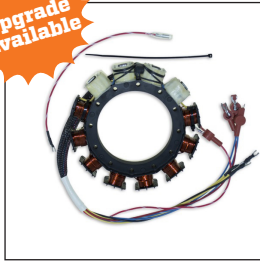
1976-1989 (90,115,140,150,175 & 200HP)

**Replaces**  
398-5454A 2, 398-5454A 6,  
398-5454A 7, 398-5454A 8,  
398-5454A 9, 398-5454A17,  
398-5454A18

High Perf. Part Available!  
See 274-5456-S 7 on Page 90.

\*Not for use with Flywheels with  
Glued-In Magnets.

Upgrade Available



High Performance Part Available!  
See 274-5456-S15 on Page 90.

**174-5456-16**  
**Stator 6 Cyl., 15/16 amp**

1981-1993 (135,140,150,175,200,220 & 225HP)

**Replaces**

398-5454A64, 398-5454A66, 398-5454A55, 398-5454A61, 398-5454A11, 398-5454A15, 398-5454A16, 398-5454A30, 398-5454A31, 398-5454A32, 398-5454A34, 398-5454A35, 398-5454A36

\*Not for use with Flywheels with Glued-In Magnets.



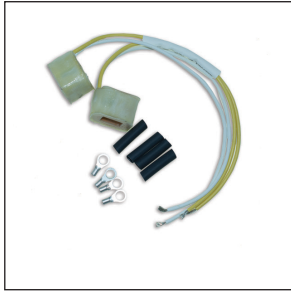
**174-5721**  
**Stator Red**

1997-2005 (6,8,9.9,10,15,20 & 25HP)  
2 Stroke Engines w/ 4 magnet Flywheel

**Replaces**

855721A 4, 855721T 8

\*Not for use with Flywheels with Bolted-In Magnets.



**174-6120K 1**  
**Replacement Stator Coil Set 2 Cyl.**

1976-1980 (40HP)

**Replaces**

339-5312, 339-5312A 1, 339-5313, 339-5313A 1, 339-5589, 339-5589A 1, 339-5590A 1, 339-5990, 339-5990A 1, 339-6119, 339-6119A 1, 339-6120, 339-6120A 1



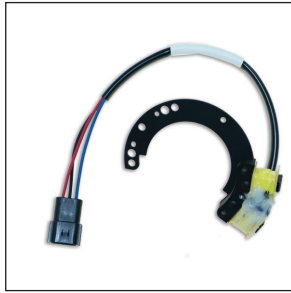
**174-6231K 1**  
**Stator 4 Cyl, 40 amp Mercruiser**

1976-1984 (470 w/ 2 BBL Carb) 1980-1984 (485 & 488 w/ 2 BBL Carb) 1985-1986 (170 & 190) 1987 (165 & 180) 1988-1989 (3.7L)

**Replaces**

398-6231A 2, 398-6231A 4, 398-6231A 5, 398-6231A 6, 398-6231A10

\*Not for use with Flywheels with Bolted-In Magnets.



**174-6617A17**  
**Stator 2 Cyl.**

1994-1997 (15,20 & 25 JET HP)

**Replaces**

86617A14, 86617A17



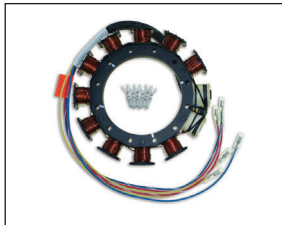
**174-6617K 1**  
**Stator 2 Cyl.**

1979-1997 (6, 8, 9.9, 10, 15, 18, 20,25,35 & 40HP) 2 Stroke Engines w/ 2 Magnet Flywheel

**Replaces**

86617A20, 86617, 86617A 2, 86617A 3, 86617A 5, 86617A 9, 86617A11, 86617A13

\*2 Magnets



**174-8778K 1**  
**Stator 2/3/4 Cyl., 9 amp**

Mercury (1987-1996 (70,75 & 90HP - 3 Cyl.) 1988-1996 (40,100,115 & 125HP - 4 Cyl.) Force (1992-1995 (40 & 50HP - 2 Cyl.) 1991-1995 (70 & 90HP - 3 Cyl.) 1991-1995 (120HP - 4 Cyl. SportJet)

**Replaces**

398-818535A 3, 398-818535A 5, 398-818535A 8, 398-818535A 9, 398-818535A10, 398-818535A13, 398-818535A14, 398-818535A15, 398-8778A 6, 398-8778A10, 398-8778A16, 398-8778A17, 398-8778A18, 398-8778A21, 398-8778A22, 398-8778A23, 398-8778A24, 398-8778A25, 398-8778A26, 398-8778A27, 398-8778A28, 398-8778A29, 749095, F749095

\*Not for use with Flywheels with Bolted-In Magnets.



**174-9610A18**  
**Stator Conversion Kit**

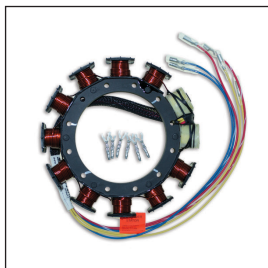
1989-2000 (105,135,140,150,175,200 & 225HP)

**Replaces**

398-9610A18

Includes: (1) 174-9610K 2 & (2) 194-8736K 1

\*Not for use with Flywheels with Bolted-In Magnets.



**174-9710K 1**  
**Stator 2/3/4 Cyl., 16 amp**

1987-1997 (45 JET,50,55,60,65 JET,70,75,80,90 & 95HP - 3 Cyl.) 1989-1997 (30 JET,40,80 JET,100,115,120 JET & 125HP - 4 Cyl.)

\*Not for use with Flywheels with Glued-In Magnets.

**Replaces**

F747095, 398-9873A38,398-9873A17, 398-9873A 9, 398-9873A29,398-9873A32, 398-9873A33, 398-9873A35, 398-9873A24, 398-9873A25, 398-818535A17, 398-818535A18, 398-9710A11, 398-9710A12, 398-9710A14, 398-9710A15, 398-9710A17, 398-9710A18, 398-9710A22, 398-9710A23, 398-9710A25, 398-9710A28, 398-9710A30, 398-9710A31, 398-9710A33, 398-9710A34, 398-9710A35, 398-9710A36, 398-9710A38, 398-9710A39, 398-9710A43, 398-9710A45, 398-9710A46, 398-9710A47, 398-9710A48, 398-9710A49

Upgrade Available



High Performance Part Available!  
See 274-9610S 2 on Page 90.

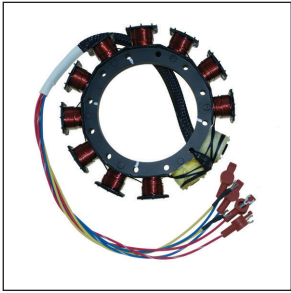
**174-9610K 2**  
**Stator 6 Cyl., 40 amp**

1989-2000 (105,135,140,150,175,200 & 225HP)

**Replaces**

398-9610A 3, 398-9610A 5, 398-9610A 6, 398-9610A 9, 398-9610A14, 398-9610A17, 398-9610A19, 398-9610A22, 398-9610A24, 398-9610A33

\*Not for use with Flywheels with Glued-In Magnets.



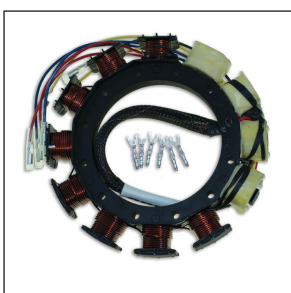
**274-5454K 1**  
**High Performance Stator 3/4 Cyl., 9 amp**

1976-1990 (50,60,65 & 70HP - 3 Cyl.) 1976-1997 (40,45,50,75,80 & 85HP - 4 Cyl.)

**Replaces**

174-5454K 1

\*Not for use with Flywheels with Bolted-In Magnets.



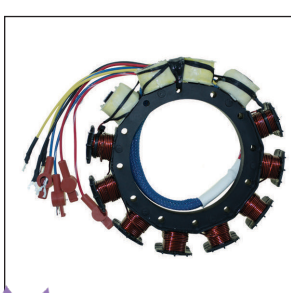
**174-9873-16**  
**Stator 6 Cyl., 16 amp**

1997-1999 (210HP SportJet) 1997-2005 (175HP SportJet)

**Replaces**

398-9873A36, 398-9873A39, 398-9873A 1, 398-9873A 3, 398-9873A 4

\*Not for use with Flywheels with Glued-In Magnets.



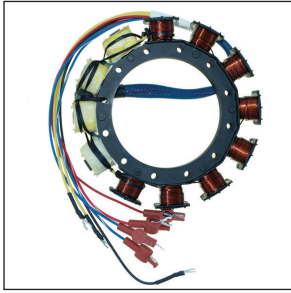
**274-5456-S15**  
**High Performance Stator 6 Cyl., 16 amp**

1981-1993 (135,140,150,175,200,220 & 225HP)

**Replaces**

398-5454S15, 398-5454S35

\*Not for use with Flywheels with Bolted-In Magnets.



**274-5456-S 7**  
**High Performance Stator 6 Cyl., 9 amp**

1976-1989 (90,115,140,150,175 & 200HP)

**Replaces**

398-5454S 7

\*Not for use with Flywheels with Bolted-In Magnets.



**CDI EXCLUSIVE**

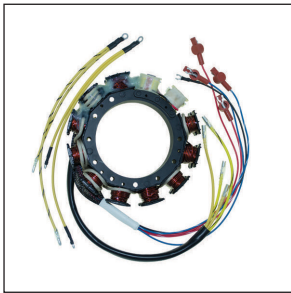


**193-5114**  
**Regulated Rectifier 2 Cyl.**

1993-2000 (5,6,8,9,9,10 & 15HP) 4-Stroke Engines w/3 Wire Replacement, Bullet & Ring Connectors

Can also be used on older Mercury rectifier only systems

Designed for use with maintenance free batteries



**274-9610S 2**  
**High Performance Stator 6 Cyl., 40 amp**

1989-2000 (105,135,140,150,175,200 & 225HP)

**Replaces**

174-9610K 2

\*Not for use with Flywheels with Glued-In Magnets.

**NEW**



**194-0001**  
**Voltage Regulator, 4 Cyl.**

75-115HP (4-stroke) Mercury Engines 50-90HP (2005-2006) 115HP (2000-2006) (4-stroke) Yamaha Engines

**Replaces**

881346T, 68V-81960-00-00, 6D3-81960-00-00

Upgrade Available



High Performance Part Available!  
See 193-5114 on Page 90..

**154-6770**  
**Rectifier**

1967-1997 (7.5,9,8,15,20,25,35,40,45,50,65,70,75,80,85,90,95,100,110,115,125,135,140,150,175 7 200HP)

**Replaces**

62351, 62351A 1, 62351A 2, 8M0058226, 78614, 78614A 1, 816770, 816770T, 332-2910, 332-2910A 1, 332-2910A 2, 332-2910A 3

Not for Use w/Maint. Free Batteries, See 193-5114, 194-5279 & 194-8825K 1 - Regulated Rectifiers

**CDI EXCLUSIVE**



**194-5279**  
**Voltage Regulator 2/3/4/6 Cyl.**

1995-2005 (25-40HP - 2 Cyl.) 1987-2007 (45-90HP - 3 Cyl.) 1989-2006 (90-125HP - 4 Cyl.) 1992-2000 (150-225HP - 6 Cyl.)

Redesigned for use with maintenance free batteries

**Replaces**

817411, 817411 1, 817411-1, 815279, 815279 1, 815279 2, 815279 3, 815279 4, 815279 5, 815279-1, 815279-2, 815279-3, 815279-4, 815279-5, 815279A 1, 815279A 2, 815279A 3, 815279A 4, 815279T, 815279T 2, 815279T 3, 815279T 4, 815279T 5, 854514, 854514 1, 854514A 1, 854514T, 854514T 1, 854515, 854515 1, 854515-1, 854515A 1, 854515T 1, 830179, 830179 2, 830179-2, 830179A 1, 830179A 2, 830179A 3, 830179T, 856747T 1, 856748, 883071A 1, 883072, 883072T, 65W-81960-00-00, 65W-81960-10-00

**CDI EXCLUSIVE**



**194-2115K 1  
Voltage Regulator  
2/3/4/6 Cyl.**

1999-2005 (25HP - 2 Cyl. 4-Stroke) 2002-2005 (30 & 40HP - 3 Cyl. 4-Stroke) 2002-2007 (40,50 & 60HP - 4 Cyl. 4-Stroke) 2000-2007 (135,140,150,175,200 & 240HP - 6 Cyl.)

**Replaces**  
893640-002, 893640T01, 883072T 1, 883072T 2, 854515T 2, 830179T 1, 830179T 2

Redesigned for use with maintenance free batteries

**CDI EXCLUSIVE**



**194-1873  
Voltage Regulator  
6 Cyl., 40 amp**

1989-1991 (135,150,175 & 200HP)

**Replaces**  
18736a

Redesigned for use with maintenance free batteries

**CDI EXCLUSIVE**



**194-5279R  
Voltage Regulator 6 Cyl.**

Replacement Regulator/Rectifier for the 194-8736K 1 Kit.

Redesigned for use with maintenance free batteries

**CDI EXCLUSIVE**



**194-8825K 1  
Voltage Regulator Kit  
6 Cyl., 16 amp**

1981-1993 (135,150,175,200 & 225HP)

**Replaces**  
88825A 1, 88825A 7

Redesigned for use with maintenance free batteries

**CDI EXCLUSIVE**



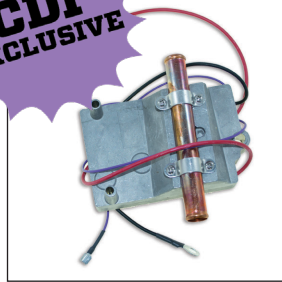
**194-8736K 1  
Voltage Regulator Kit  
6 Cyl.**

1989-1991 (135,150,175 & 200HP)

**Replaces**  
18736, 18736A 3, 18736A 8, 18736A14, 18736A15, 18736A20, 18736A21  
Includes: (2) 194-5279R Regulators & Mounting Hardware  
Component of 174-9610A18, Requires 4 Yellow Wire Stators

Redesigned for use with maintenance free batteries

**CDI EXCLUSIVE**



**194-9502  
Voltage Regulator**

1976-1984 (470 w/ 2 BBL Carb)  
1980-1984 (485 & 488 w/ 2 BBL Carb)  
1985-1986 (170 & 190) 1987 (165 & 180)  
1988-1989 (3.7L)

**Replaces**  
77305A 2, 86255A 2, 86255A 3, 99502A 4, 99502A 7, 99502A 8, 99502A 9, 99502A12, 99502A13

Redesigned for use with maintenance free batteries



**High Performance ECMs**

314-9849A 1	2.5 L (260HP) 39 PSI Fuel Rail, 7750 RPM Limit	11350A49, 849849A 1
314-9849A 2	2.0 L Mod U Engines	11350A14, 11350A45, 11350A10, 11350A29, 11350A16, 849849A 2
314-9849A 3	2.0 L Prop Engines	849849A 3, 11350A53
314-9849A 4	2.4 L (240HP)39 PSI Fuel Rail, 7700 RPM Limit	849849A 4, 11350A13, 11350A 7, 11350A40
314-9849A 5	2.5 ROS (260HP) 39 PSI Fuel Rail, 8200 RPM Limit	849849A 5, 11350A15, 11350A17, 11350A27, 11350A36, 11350A37, 11350A48, 11350A32
314-9749A 6	2.5 L Drag (300HP) 56 PSI Fuel Rail, 8600 RPM Limit	11350A33, 11350A47, 849849A 7
314-9849A 7	S3000 Early Engines	11350A33, 11350A47, 849849A 7
314-9849A10	S3000 Prop Engines	849849A 9, 849849A10, 8M8023278
314-9849A13	2.5 L Drag	8M8023280, 8M0050960, 849849A13, 849849A11
314-9849A14	2.5 F 1 Engines	8M8023282, 849849A12, 849849A14
314-9849A48	2.5 ROS (300HP) 39 PSI Fuel Rail, 11500 RPM Limit	11350A38
314-9849A63	2.5 Drag (300HP) 56 PSI Fuel Rail, 11500 RPM Limit	314-8949A 6

**NEW**



**414-0002  
Wiring Harness 4 Cyl.**

1996-2006 (80HP) 1996-2000 (100HP)  
1996-2000 (115HP) 1996-2006 (125HP)  
(1996-2006)

**Replaces**  
84-850045A 2

**NEW**



**414-0003  
Wiring Harness 3 Cyl.**

1996-2006 (65HP) 1996-2006 (75HP)  
1996-2006 (90HP)

**Replaces**  
84-850046A 2

**NEW**



**414-0004  
Wiring Harness 3 Cyl.**

1998-2001 (30HP Jet) 2002-2005 (40HP Jet)  
1997-2005 (40HP) 1998-2001 (40HP)  
1998-2005 (50HP Jet) 1998-2007 (55HP)  
1998-2007 (60HP)

**Replaces**  
84-850221A 2

**NEW**



**414-0005  
Wiring Harness 2 Cyl.**

1999-2006 (30HP) 1996-2005 (40HP)

**Replaces**  
84-854322A 2

**NEW**



**414-0006  
Wiring Harness 2 Cyl.**

2000 (30HP) 2000-2005 (40HP)

**Replaces**  
84-854323A 2

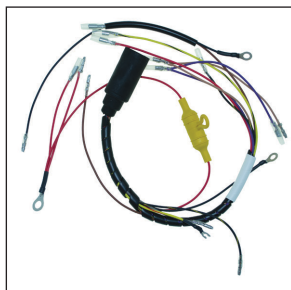
**NEW**



**414-0007  
Wiring Harness 6 Cyl.**

2000-2007 (135HP) 2000-2007 (140HP Jet)  
2000-2007 (150HP) 2000-2007 (175HP)  
2000-2005 (200HP)

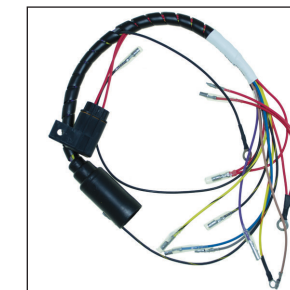
**Replaces**  
84-857167T 1



**414-0043  
Wiring Harness 3/4 Cyl.**

1996-2006 (65 JET,75 & 90HP - 3 Cyl.) &  
1994-2006 (80 JET,100,115 & 125HP - 4 Cyl.)

**Replaces**  
84-850043A 2



**414-0220  
Wiring Harness 3 Cyl.**

1997-2006 (30 JET,40 JET,50 JET & 60HP)

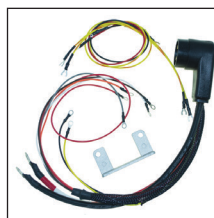
**Replaces**  
84-850220A 2



**414-1591  
Wiring Harness 3 Cyl.**

1987-1996 (65 JET,70,75,80 & 90HP)

**Replaces**  
84-41591A 3

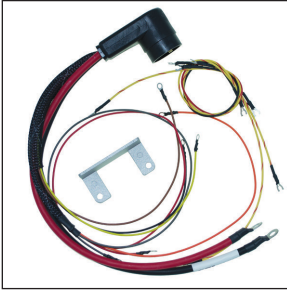


**414-2770  
Wiring Harness 2/4/6 Cyl.**

1970-1981 (20 & 40HP - 2 Cyl.) 1967-  
1975 (50,65,80 & 85HP - 4 Cyl.) 1966-1979  
(90,95,100,115,125,135,140 & 150HP - 6 Cyl.)

Harness Exits Through the Side of the Lower Cowling

**Replaces**  
84-62534, 84-73826, 84-73826A 1, 84-74904, 84-74904A 1, 84-71443,  
84-71443A 1, 84-66055, 84-66055A 1, 84-66297, 84-66297A 1, 84-69236,  
84-69236A 1, 84-46463, 59741, 52769, 52770, 52770A 1, 52771,  
52771A 1, 52771A 2, 52820, 56370, 49370, 38920, 39177, 38072, 37628,  
46285, 46905, 45070, 48150

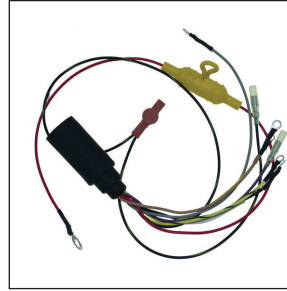


**414-3369**  
**Wiring Harness 2/4 Cyl.**

1977-1981 (20HP - 2 Cyl.) 1976-1979 (50,80 & 85HP - 4 Cyl.)

Harness Exits Through the Side of the Lower Cowling

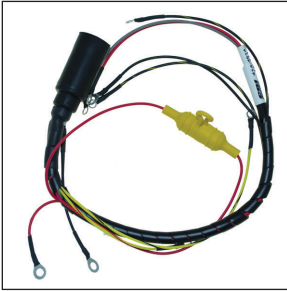
**Replaces**  
84-76295, 84-76295A 1, 84-73447, 84-73447A 1, 84-64997, 84-73369, 84-73369A 1



**414-3443**  
**Wiring Harness 4 Cyl.**

1988-1996 (100,115 & 125HP)

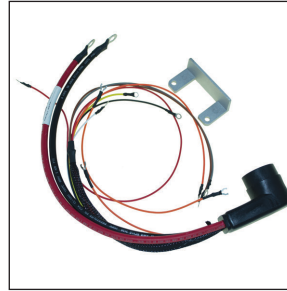
**Replaces**  
84-43443A 3



**414-4614**  
**Wiring Harness 3 Cyl.**

1984-1990 (50 & 60HP)

**Replaces**  
84-14614A 1

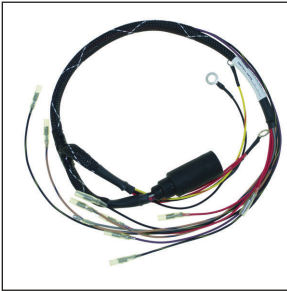


**414-5532**  
**Wiring Harness 6 Cyl.**

1979-1980 (90,115 & 140HP)

**Replaces**  
84-85532, 84-85532A 1, 57022, 34229, 47929

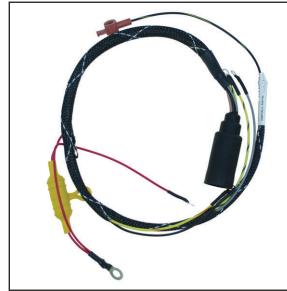
Harness Exits Through the Side of the Lower Cowling



**414-6075**  
**Wiring Harness 3/4 Cyl.**

1993-1996 (90HP - 3 Cyl.) 1995 (120HP - 4 Cyl.) SportJet Engines

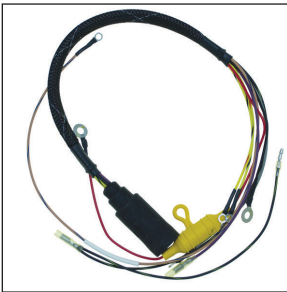
**Replaces**  
84-826075A 2



**414-6219A 2**  
**Wiring Harness 2 Cyl.**

1981-1986 (35 & 40HP) Using Stud Type Switch Box

**Replaces**  
96219A 2, 84-88644A 1, 84-939481A 1



**414-6219A 5**  
**Wiring Harnesses 2 Cyl.**

1984-1989 (35HP) Using Bullet Connector Switch Box

**Replaces**  
84-96219A 1, 84-96219A 2, 84-96219A 5, 84-96219A 8



**414-6220A 4**  
**Wiring Harness 6 Cyl., 9-16 amp**

1976-1991 (135,150,175 & 200HP)

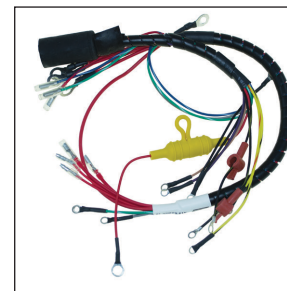
**Replaces**  
84-87266A 1, 84-6220A 2, 84-96220A 2, 84-96220A 3, 84-96220A 4, 84-96220A 7



**414-6220A12**  
**Wiring Harness 6 Cyl., 40 amp**

1989-1991 (135,150,175 & 200HP)

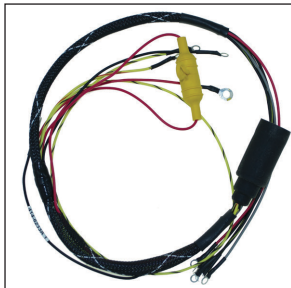
**Replaces**  
84-96220A12, 84-96220A13



**414-6220A16**  
**Wiring Harness 6 Cyl.**

1989-2000 (105 JET,135,140 JET,150,175,200 & 225.5L EFI HP)

**Replaces**  
84-96220A16, 84-96220A17

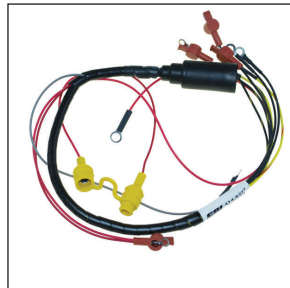


**414-6233A 2**  
Wiring Harness 4 Cyl.

1980-1986 (75 & 80HP)

**Replaces**

84-89915A 1, 84-96233A 1,  
84-96233A 2



**414-6277**  
Wiring Harness 4 Cyl.

1980-1989 (45 & 50HP)

**Replaces**

84-96277A 2, 84-96277A 4

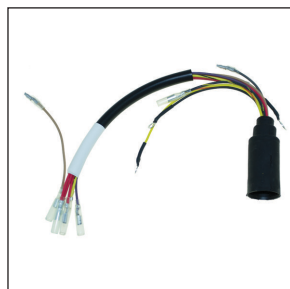


**414-8672**  
Wiring Harness 4 Cyl.

1989-1997 (30 & 40 JET HP)

**Replaces**

84-18672A 2, 84-18672A 4,  
84-18672A 6, 84-18672A 8



**414-9061**  
Wiring Harness 3 Cyl.

1991-1999 (45 JET, 50, 55 & 60 HP)  
2-Stroke

**Replaces**

84-19061A 4



**414-9564**  
Wiring Harness 6 Cyl.

1979-1989 (90, 115 & 140HP) Inline 6 Engines

**Replaces**

89564A 1, 84-96188A 2, 84-96188A  
4, 84-89564A 1, R84-96188A 2,  
R84-96188A 4



**421-0001**  
Engine Adapter  
Harness

Adapter wiring harness that connects 1980-  
2005 Mercury 8 pin controls to 1976-1995  
Johnson/Evinrude engine



**421-4301**  
Engine Adapter  
Harness

Adapts 1980-2005 Mercury 8 pin controls to  
1996-2015 Johnson Evinrude engines



**421-4401**  
Engine Adapter  
Harness

Adapts older Mercury engines with side  
cowling connection to new 8 pin plug



**451-9601**  
Mercury EFI  
6' Ext. Cable

1979-2005 (2.0, 2.4, 2.5L EFI Engines)



**451-9602**  
Mercury EFI  
10' Ext. Cable

1979-2005 (2.0, 2.4, 2.5L EFI Engines)



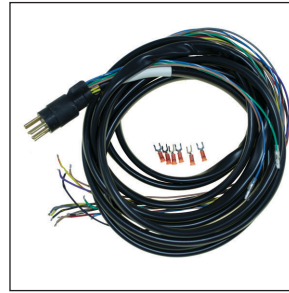
**474-9550**  
**Wiring Harness**  
**Boatside**

1968-1981 Engines Using 414-2770, 414-3369, 414-5532 & OEM Harnesses

**Replaces**

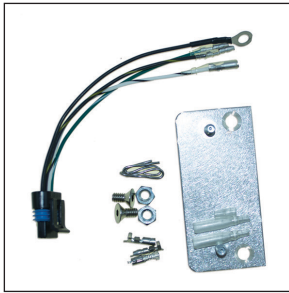
84-822253A20, 84-822253T20, 45876A10, 45876A15, 45876A20

Harness Exits Through the Side of the Lower Cowling



**474-9560**  
**Wiring Harness**  
**Boatside**

1979-2006 (8-Pin Cannon Plug Harness)



**914-7509**  
**Mounting & Wire**  
**Harness Kit**

1993-1996 (Intended for 114-7509 CDM Modules)



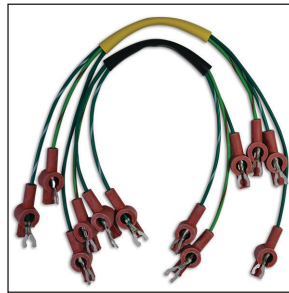
**934-0005**  
**Pigtail Harness**  
**3/4/6 Cyl.**

All Optimax Engines with 5 pin Ignition Coils



**934-0006**  
**Pigtail Harness**  
**2/3/4/6 Cyl.**

1996-2007 (30HP-200HP CDM Engines)



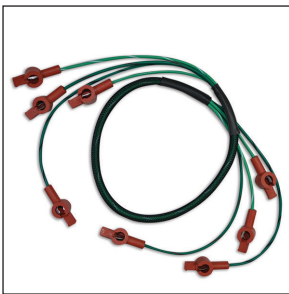
**934-5537**  
**Ignition Coil Primary**  
**Wire Set 6 Cyl.**

Designed for use w/ L6 Engines

**Replaces**

84-85537A 1, 84-85537A 2

Includes: 6 Wires - 2 Green, 2 Green & White, 2 Green & Red



**934-8721**  
**Ignition Coil Primary**  
**Wire Set 4 Cyl.**

Designed for use w/ L4 Engines

**Replaces**

84-88721A 1, 84-43442A 3, 84-73446

Includes: 4 Wires - 1 Green, 1 Green & White, 1 Green & Red, & 1 Green & Black



**934-9738**  
**Ignition Coil Primary**  
**Wire Set 6 Cyl.**

Designed for use w/ V6 Engines

**Replaces**

84-69738, 84-69738A 1, 84-69738A 7, 84-69739, 84-69739A 1, 84-69739A 2

Includes: 6 Wires - 2 Green, 2 Green & White, 2 Green & Red



**941-0606-B**  
**6 Ga., 6 Ft. Black Battery Cable**



**941-0608-B**  
**6 Ga., 8 Ft. Black Battery Cable**



**941-0606-R**  
**6 Ga., 6 Ft. Red Battery Cable**



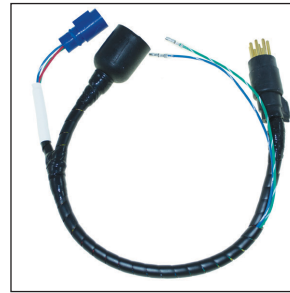
**941-0608-R**  
**6 Ga., 8 Ft. Red Battery Cable**





**421-4402**  
**Engine Adapter**  
**Harness**

Adapts Johnson/Evinrude 1976-1995 controls to Mercury engines with 8 pin plug and without power tilt & Trim wiring



**423-9510**  
**Adapter Cable**

Adapts Johnson/Evinrude Controls to Mercury Engines w/ power Tilt & Trim Wiring

**HIGH**  
**Runner**



**184-0001**  
**Ignition Coil**

1970-2006 (30-40HP - 2 Cyl.) 1976-1997 (45-90HP - 3 Cyl.) 1976-1997 (45-125HP - 4 Cyl.) 1976-2000 (90-225HP - 6 Cyl.) Ring Terminal Connector.

**Replaces**

338-4774A 1, 339-7370A 2, 339-7370A 6, 339-7370A 8, 339-7370A13, 339-7370A16, 339-7370A17, 339-7370A19, 339-7370A23, 339-7370B13, 338-4995A 1, 338-4995A 2, 339-832757A 3, 339-832757A 4, 339-832757B 4

**184-0006**  
**Ignition Coil**

1970-2006 (6-25HP - 2 Cyl.)

**Replaces**

Same Replaces Data as 184-0001

Only required for coils with through hole mounting.

**NEW**



**184-0002**  
**Pencil Coil 4/6 Cyl.**  
**Mercury Verado**

2004-2018 (75,80,90,100,115,135,150, 200,225,250,275,300,350 & 400HP)

**Replaces**

880615T01, 8M0039809, 8M6002327

**NEW**



**184-0003**  
**Driver Coil**

2004-2008 (75,90,115 PRO XS, & 125HP - 3 Cyl. DFI) 2008 - Up (200-250 DFI, 200 JET & 200 XS) 2002-2008 (30 & 40HP - 3 Cyl.) (EFI, 50 & 60HP - 4 Cyl. 4-Stroke EFI) SCI Racing Sterndrive (600,662,70 0,850,1025,1075,1200) (1100 & 1250 QC4V) (240HP SportJet)2002-2004 (200-250HP EFI, 3.0L - 6 Cyl. DFI)

**Replaces**

339-879984T00, 879984T01, 300-879984T01, 300-8M0077471, 339-879984A1

**NEW**



**184-0004**  
**Ignition Coil**

2005- UP (110 Jet, 135, 150, 175, 200, 225 & 250HP) DFI Outboard 1100,1350 & 1650 QC4V Race Sterndrives

**Replaces**

8M0077473, 339-883778A01, 339-883778A02, 339-8M0077473

**NEW**



**184-0005**  
**Ignition Coil 6 Cyl.**  
**Mercury Optimax**

1998-2006 (135,200,225,250 & 300HP)

**Replaces**

339-850227, 339-856991, 339-856991A1



**189-3381**  
**Ignition Coil 2 Cyl.**

Fits Most: 2002-2006 (25,30 & 40HP) 4-Stroke Engines

**Replaces**

16064 2, 16064 5, 16064T05, 8M0047311, 16064 3

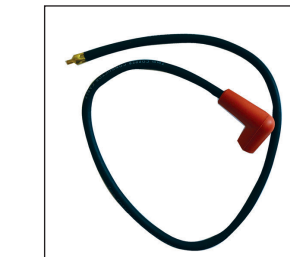


**189-3081**  
**Ignition Coil 2 Cyl.**

Fits Most: 2001-2006 (9.9,15 & 18HP)

**Replaces**

803706A 1



**931-9215**  
**Copper Core Spark**  
**Plug Wire**

1967-1972 (Johnson/Evinrude Engines) & 1966-1977 (Mercury Engines)

**Replaces**

84-99215A25, 84-99215AA29, 84-813415A1, 84-813715A1



**934-1945**  
**High Performance Spark Plug Wire Set**

Reduces RFI interference & ghost problems.  
**Replaces**  
 84-881909T, 84-815358,  
 84-815358A 1, 815358A 1  
 Qty. 6



**934-7124**  
**Copper Core Spark Plug Wire**

Replacement spark plug wire for CDM Modules.



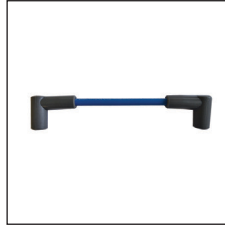
**High Performance Optimax Spark Plug Wire Sets**

2004-2008 (75,90,115 PRO XS, & 125HP - 3 Cyl. DFI) 2008 - Up (200-250 DFI, 200 JET & 200 XS) 2002-2008 (30 & 40HP - 3 Cyl.) (EFI, 50 & 60HP - 4 Cyl. 4-Stroke EFI) SCI Racing Sterndrive (600,662,70 0,850,1025,1075,1200) (1100 & 1250 QC4V) (240HP SportJet)2002-2004 (200-250HP EFI, 3.0L - 6 Cyl. DFI)

**Replaces**

339-879984T00, 879984T01,  
 300-879984T01, 300-8M0077471,  
 339-879984A1

**934-0001**  
 Qty. 1



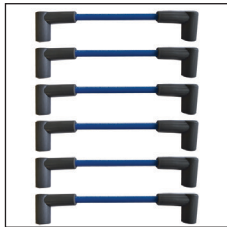
**934-0002**  
 Qty. 3



**934-0003**  
 Qty. 4



**934-0004**  
 Qty. 6



**ORDER CDI ELECTRONICS'**



**HIGH PERFORMANCE SPARK PLUG WIRE SETS**

**Check out your CDI Electronics' INBOARD IGNITION COMPONENTS for SPARK PLUG WIRES on page 136.**

HP	Model	Cyl.	Year	Serial Number	Switch Box	TPM	Stator	Trigger	Rec./Reg.	Harness	Ign. Coil
2	-	1	90-06	0T884302-UP	R823034T 1	N/A	R823030T 1	Self	N/A	N/A	N/A
2.5	-	1	90-06	0A855097-UP	R823034T 1	N/A	R823030T 1	Self	N/A	N/A	N/A
3	-	1	90-06	0A855097-UP	R823034T 1	N/A	R823030T 1	Self	N/A	N/A	N/A
3.3	-	1	90-06	0T884302-UP	R823034T 1	N/A	R823030T 1	Self	N/A	N/A	N/A
4	-	1	70-71	2498136-3296136	IN STATOR	N/A	174-3996	POINTS	N/A	N/A	336-4409A 4**
4	40	1	72-75	3296137-4107219	R336-4516	N/A	174-4469 174-4470	POINTS	N/A	N/A	336-4409A 4**
4	40	2	76-80	5589202-5595531	114-6222	N/A	174-6120K 1	N/A	N/A	N/A	339-5288A 2**
4	-	2	80-89	5595532-A855096	R336-4516	N/A	174-4469 174-4470	POINTS	N/A	N/A	336-4409A 4**
4.5	-	2	75-80	4107220-5595531	R336-4516	N/A	174-4469 174-4470	POINTS	N/A	N/A	336-4409A 4**
6	-	2	86-96	0A197112-0G289100	114-7452K1	N/A	174-6617K 1	R98450A10	N/A	N/A	184-0006
6	-	2	97-05	0G760300-0G800999	114-5713	N/A	174-5721	R98450A10	N/A	R84-12334A 4	184-0006
7.5	75	2	70-71	2810637-3274632	IN STATOR	N/A	174-3996	POINTS	N/A	N/A	336-4409A 4**
7.5	75	2	72-73	3274633-3801457	R336-4516	N/A	174-4469 174-4470	POINTS	N/A	N/A	336-4409A 4**
7.5	75	2	74-86	3801458-A197111	114-6222	N/A	174-6120K 1	R338-5286A 6	154-6770	N/A	339-5288A 2**

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
 Please see the part number page for additional information that will help you identify your correct part.

# Mercury, Mariner Application Charts

HP	Model	Cyl.	Year	Serial Number	Switch Box	TPM	Stator	Trigger	Rec./Reg.	Harness	Ign. Coil
8	-	2	86-96	0A197112-0G289100	114-7452K1	N/A	174-6617K 1	R98450A5	N/A	N/A	184-0006
8	-	2	97-05	0G760300-0G800999	114-5713	N/A	174-5721	R98450A10	N/A	R84-12334A 4	184-0006
9.8	110	2	66-71	1865779-3263262	IN STATOR	N/A	174-3996	POINTS	N/A	N/A	184-0006
9.8	110	2	72-73	3263263-3795658	R336-4516	N/A	174-4469 174-4470	POINTS	N/A	N/A	336-4409A 4**
9.8	110	2	74-78	3795659-5206549	114-6222	N/A	174-6120K 1	338-7283A2	154-6770	N/A	339-5288A 2**
9.8	-	2	79-85	5206550-6620196	114-6222	N/A	174-6120K 1	338-7283A2	N/A	N/A	339-5288A 2**
9.9	-	2	86-96	0A197112-0G289100	114-7452K1	N/A	174-6617K 1	R98450A5	N/A	N/A	184-0006
9.9	-	2	97-05	0G760300-0G800999	114-5713	N/A	174-5721	R98450A10	N/A	R84-12334A 4	184-0006
10	-	2	86-96	0A197112-0G289100	114-7452K1	N/A	174-6617K 1	R98450A10	N/A	N/A	184-0006
10	-	2	97-05	0G760300-0G800999	114-5713	N/A	174-5721	R98450A10	N/A	R84-12334A 4	184-0006
15	-	2	88-97	0A197112-0G760299	114-7452K 1	N/A	174-6617K 1	R98450A10	N/A	N/A	184-0006
15	XD/S15	2	94-96	0G044365-0G437999	114-4952A30	N/A	174-6617A17	R98450A10	154-6770	N/A	184-0006
15	XD/S15	2	96-97	0G438000-0G760299	114-7452K1	N/A	174-6617K 1	R98450A10	154-6770	N/A	184-0006
15	Sea Pro	2	96-97	0G438000-0G760299	114-7452K1	N/A	174-6617K 1	R98450A10	154-6770	N/A	184-0006
15	Comm	2	97-06	0G760300-0G800999	114-5713	N/A	174-5721	R98450A10	154-6770	R84-12334A 4	184-0006
15	2 Stroke	2	97-06	0G760300-1B000299	114-5713	N/A	174-5721	R98450A10	154-6770	R84-12334A 4	184-0006
18	-	2	80-84	5837437-6443972	114-7452A3	N/A	174-6617K 1	R98450A10	N/A	R84-88891A1	184-0006
18	XD	2	79-87	5837437-0B238463	114-7452A3	N/A	174-6617K 1	R98450A10	N/A	R84-88891A1	184-0006
20	200	2	70-71	2827677-3226957	IN STATOR	N/A	174-3996	POINTS	N/A	N/A	336-4409A 4**
20	200	2	72-73	3226958-3537530	R336-4516	N/A	174-4469 174-4470	POINTS	N/A	N/A	336-4409A 4**
20	200	2	73-77	3537531-4403786	114-4911	N/A	174-4638	R338-4996A1	N/A	414-2770	184-0006
20	-	2	77-81	4403787-5837436	114-6222	N/A	174-6120K 1	R74324A3	N/A	414-3369	339-5288A 2**
20	XD	2	79-87	5837437-B114230	114-7452A3	N/A	174-6617K 1	R98450A10	N/A	R84-92436A5	184-0006
20	-	2	80-87	5705532-B238463	114-7452K1	N/A	174-6617K 1	R98450A10	N/A	N/A	184-0006
20	-	2	80-87	5705532-B238463	114-7452A3	N/A	174-6617K 1	R98450A10	N/A	N/A	184-0006
20	-	2	88-94	B238464-0G044026	114-7452K1	N/A	174-6617K 1	R98450A10	N/A	R84-88891A1	184-0006
20	-	2	94-96	0G044027-0G437999	114-4952A30	N/A	174-6617A17	R98450A10	154-6770	N/A	184-0006
20	Sea Pro	2	96-97	0G438000-0G760299	114-7452K1	N/A	174-6617K 1	R98450A10	154-6770	N/A	184-0006
20	-	2	97-98	0G438000-0G760299	114-4952A30	N/A	174-6617A17	R98450A10	154-6770	R84-92436A5	184-0006
20	Comm	2	98-06	0G760300-0T979999	114-5713	N/A	174-5721	R98450A10	154-6770	R84-92436A 9	184-0006
20	-	2	98-06	0G760300-0T979999	114-5713	N/A	174-5721	R98450A10	154-6770	R84-92436A 9	184-0006
25	XD	2	79-87	5837437-B114230	114-7452A3	N/A	174-6617K 1	R98450A10	N/A	R84-88891A1	184-0006
25	-	2	79-87	5705532-0B238463	114-7452A3	N/A	174-6617K 1	R98450A10	N/A	N/A	184-0006
25	-	2	79-87	5705532-0B238463	114-7452K1	N/A	174-6617K 1	R98450A10	N/A	N/A	184-0006
25	-	2	88-93	0B238464-0G044365	114-7452K1	N/A	174-6617K 1	R98450A10	N/A	N/A	184-0006
25	Sea Pro	2	96-97	0G438000-0G760299	114-7452K1	N/A	174-6617K 1	R98450A10	154-6770	N/A	184-0006
25	XD	2	98-06	0G760300-0T979999	114-5713	N/A	174-5721	R98450A10	154-6770	R84-92436A 9	184-0006
25	Jet 20	2	94-97	0G044027-0G437999	114-4952A30	N/A	174-6617A17	R98450A10	154-6770	N/A	184-0006
25	Elec Str 4 Stk	2	98	0G590000-0G760299	856482 2**	N/A	174-2387	N/A	194-5279	R84-830279A 4	339-859738T 1**
25	Man. Str. 4 Stk	2	98	0G590000-0G760299	856482 2**	N/A	174-2386	N/A	N/A	R84-850162A 2	339-859738T 1**
25	Elec Str 4 Stk	2	99-01	0G760300-0T178499	8478433A 3**	N/A	174-2387	N/A	194-2115K 1	R84-859202T 1	339-859738T 1**
25	Elec Str 4 Stk	2	2001	0T178500-0T408999	8478433A 3**	N/A	174-2387	N/A	194-2115K 1	R84-859202T 2	339-859738T 1**
25	Man. Str. 4 Stk	2	2001	0G760300-0G960499	8478433A 3**	N/A	174-2386	N/A	N/A	R84-850167A 7	339-859738T 1**

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
Please see the part number page for additional information that will help you identify your correct part.

HP	Model	Cyl.	Year	Serial Number	Switch Box	TPM	Stator	Trigger	Rec./Reg.	Harness	Ign. Coil
25	Man. Str. 4 Stk	2	2001	0G960500-0T408999	8478433A 3**	N/A	174-2386	N/A	N/A	R84-850167A 7	339-859738T 1**
25	Elec Str 4 Stk	2	42771	0T409000-1B344298	87843301S**	N/A	174-2387	N/A	194-2115K 1	R84-859202T 2	339-859738T 1**
25	Man. Str. 4 Stk	2	42771	0T409000-1B344298	87843301S**	N/A	174-2386	N/A	N/A	R84-859201T 1	339-859738T 1**
30	Elec Str	2	95-96	0G055314-0G380074	114-7509K1	144-3251A 5	174-2075K 1	134-9021-2	194-5279	R84-824477A 4*	114-7509K 1
30	Man. Str.	2	95-96	0G055314-0G380074	114-7509K1	144-3251A 5	174-2075K 1	134-9021-2	194-5279	414-0006	114-7509K 1
30	Elec Str.	2	96-99	0G380075-0G589999	114-7509	144-3251A 6	174-2075K 2	134-9021-2	194-5279	414-0220 414-0004	114-7509
30	Man. Str	2	96-99	0G380075-0G589999	114-7509	144-3251A 6	174-2075K 1	134-9021-2	N/A	R84-854323A 2*	114-7509
30	Man. Str.	2	00-05	0G590000-0G760299	114-7509	144-3251A 6	174-2075K 1	134-3960-2	N/A	84-854323A 2	114-7509
30	Elec Str.	2	00-05	0G590000-0G760299	114-7509	144-3251A 6	174-2075K 2	134-3960-2	194-5279	84-854322A 2	114-7509
30	Man. Str.	2	2000	0G760300-0T979999	114-7509	144-3251A 6	174-2075K 1	134-3960-2	N/A	414-0006	114-7509
30	Elec Str.	2	99-06	0G760300-0T979999	114-7509	144-3251A 6	174-2075K 2	134-3960-2	194-5279	414-0005	114-7509
30	Elec Str 4 Stk	3	02-05	0T178500-0T178499	87843302S**	N/A	174-2387	N/A	194-2115K 1	414-0005	339-859738T 1**
30	Man. Str. 4 Stk	3	02-05	0T178500-0T178499	87843302S**	N/A	174-2386	N/A	N/A	414-0006	339-859738T 1**
30	4 Stroke EFI	3	02-05	0T409000-0T800999	N/A	N/A	174-0001	N/A	194-2115K 1	R84-878132T 3	339-877807A 2**
30	4 Stroke EFI	3	02-05	0T801000-0T979999	N/A	N/A	174-0001	N/A	194-2115K 1	R84-878132T04	339-877807A 2**
30	4 Stroke EFI	3	02-05	0T980000-1B344298	N/A	N/A	174-0001	N/A	194-2115K 1	R84-878132T04	300-8M0077471**
30	Jet	3	98-01	0G590000-0T408999	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0220 414-0004	114-7509
30	Jet	4	89-97	C159200-0G589999	114-5772	N/A	174-9710K 1	134-6452	194-5279	414-8672	184-0001
35	-	2	84-86	6445653-0B110788	114-7452A3	N/A	174-6617K 1	R92431A 1	154-6770	414-6219A 2	184-0001
35	350	2	68	1960827-2874703	N/A	N/A	398-2568A 1** Magneto	N/A	N/A	R84-34229	N/A
35	-	2	84-86	6445653-0B110788	114-7452K1	N/A	174-6617K 1	R92431A 6	N/A	414-6219A 5	184-0001
35	-	2	87-89	0B110789-0B393190	114-7452K1	N/A	174-6617K 1	R92431A 6	154-6770	414-6219A 5	184-0001
40	Elec Str.	2	95-96	0G055314-0G380074	114-7509K 1	144-3251A 5	174-2075K 2	134-9021-2	194-5279	R84-824477A 4*	114-7509K 1
40	400 Elec Str.	2	70-71	2874704-3336237	R332-4172	N/A	174-4424	N/A	154-6770	414-2770	184-0001
40	400 Man. Str.	2	70-71	2874704-3336237	R332-4172	N/A	174-4424	N/A	N/A	N/A	184-0001
40	402 Elec Str.	2	72-74	3336258-3859434	114-4911	N/A	174-5255	R338-4731A6	154-6770	414-2770	184-0001
40	402 Man. Str.	2	72-74	3336258-4117709	114-4911	N/A	174-5255	R338-4731A6	N/A	N/A	184-0001
40	402 Elec Str.	2	75-77	4117710-4860102	114-4911	N/A	174-5255	R338-4731A6	154-6770	414-2770	184-0001
40	Man. Str.	2	75-81	4117710-5823917	114-4911	N/A	174-5255	R338-4731A6	N/A	N/A	184-0001
40	Elec Str.	2	78-81	4860103-5823917	114-4911	N/A	174-5255	R338-4731A6	154-6770	414-2770	184-0001
40	Elec Str.	2	81-84	5823918-6052942	114-7452A3	N/A	174-6617K 1	R92431A1	154-6770	414-6219A 2	184-0001
40	Elec Str.	2	81-84	6052943-6999999	114-7452A3	N/A	174-6617K 1	R92431A1	154-6770	414-6219A 2	184-0001
40	Man. Str.	2	81-84	5823918-6999999	114-7452A3	N/A	174-6617K 1	R92431A1	N/A	N/A	184-0001
40	Elec Str.	2	96-99	0G380075-0G589999	114-7509	144-3251A 6	174-2075K 2	134-9021-2	194-5279	414-0005	114-7509
40	Man. Str.	2	95-96	0G055314-0G380074	114-7509K 1	144-3251A 5	174-2075K 1	134-9021-2	194-5279	R84-824456A 2*	114-7509K 1
40	Elec Str.	2	00-05	0G590000-0T999999	114-7509	N/A	174-2075K 2	134-3960-2	194-5279	414-0005	114-7509

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# Mercury, Mariner Application Charts

HP	Model	Cyl.	Year	Serial Number	Switch Box	TPM	Stator	Trigger	Rec./Reg.	Harness	Ign. Coil
40	Man. Str.	2	96-99	0G380075-0G589999	114-7509	144-3251A 6	174-2075K 1	134-9021-2	N/A	R84-854323A 2*	114-7509
40	Man. Str.	2	00-05	0G590000-0T999999	114-7509	N/A	174-2075K 1	134-3960-2	N/A	414-0006	114-7509
40	Elec Str.	3	97-05	0G590000-0T999999	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0220 414-0004	114-7509
40	Man. Str.	3	97-05	0G590000-0T999999	114-7509	N/A	174-2075K 1	134-4512-3	N/A	N/A	114-7509
40	Elec Str. 4 Stk	3	02-05	0T178500-1B344298	87843302S**	N/A	174-2387	N/A	194-2115K 1	R84-854322A 2	339-859738T 1**
40	Man. Str. 4 Stk	3	02-05	0T178500-1B344298	87843302S**	N/A	174-2386	N/A	N/A	R84-854323A 2	339-859738T 1**
40	Elec Str. 4 Stk	4	02-05	0T178500-0T598999	878433A 3**	N/A	174-2387	N/A	194-2115K 1	84-857111T 2	339-859738T 1**
40	Jet	3	98-01	0G590000-0T408999	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0220 414-0004	114-7509
40	Jet Elec Str.	3	02-05	0T178500-0T979999	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0220 414-0004	114-7509
40	Jet Man Str.	3	02-05	0T178500-0T979999	114-7509	N/A	R398-832074A 5	134-4512-3	N/A	N/A	114-7509
40	Jet	4	89-97	C159200-0G589999	114-5772	N/A	174-5454K 1	134-6452	154-6770	414-8672	184-0001
40	Elec Str.	4	89-91	C159200-D055047	114-5772	N/A	174-9710K 1	134-6452	194-5279	414-8672	184-0001
40	Elec Str.	4	91-97	D055048-0G589999	114-5772	N/A	174-9710K 1	134-6452	194-5279	414-8672	184-0001
40	Man. Str.	4	89-91	C159200-D055048	114-5772	N/A	174-8778K 1	134-6452	N/A	N/A	184-0001
45	Jet	3	91-99	D000750-0G589999	114-9052	N/A	174-9710K 1	134-9021-3	194-5279	414-9061	184-0001
45	Man. Start	4	81-89	5531630-B393190	114-5772	N/A	R76314A3	134-6452	N/A	N/A	184-0001
45	Elec Str.	4	81-89	5531630-B393190	114-5772	N/A	174-5454K 1	134-6452	154-6770	414-6277	184-0001
50	-	3	91-97	D000750-0G589999	114-9052	N/A	174-9710K 1	134-9021-3	194-5279	414-9061	184-0001
50	-	3	84-90	6428681-D000749	114-7778	N/A	174-5454K 1	134-6453	154-6770	414-4614	184-0001
50	500	4	67	2116318-2305100	114-2986	N/A	R398-2996	R393-2918A1	154-6770	414-2770	N/A
50	Elec Str.	4	70-75	2858814-4357639	R333-3213	N/A	174-3175 174-3176	IGN DRIVER	154-6770	414-2770	N/A
50	Man. Str.	3	97-06	OG531301-0T999999	114-7509	N/A	174-2075K 1	134-4512-3	N/A	N/A	114-7509
50	Elec Str.	3	97-06	OG531301-0T999999	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0220 414-0004	114-7509
50	Jet	3	98-05	0G590000-0T408999	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0220 414-0004	114-7509
50	Elec Str. 4 Stk	4	02-05	0T178500-0T598999	878433A 3**	N/A	174-2387	N/A	194-2115K 1	R84-857111T	339-859738T 1**
50	EFI 4 Stk	4	2005	0T409000-0T800999	N/A	N/A	174-0001	N/A	194-2115K 1	R84-877804T 3	N/A
50	EFI 4 Stk	4	2006	0T801000-1B344306	N/A	N/A	174-0001	N/A	194-2115K 1	N/A	N/A
50	EFI 4 Stk	4	42893	1B344306-1C050252	N/A	N/A	174-0001	N/A	194-2115K 1	N/A	N/A
50	Man. Str.	4	76-79	4357640-5531629	114-5772	N/A	R76314A3	134-6452	N/A	N/A	184-0001
50	Man. Str.	4	80-85	5531630-A912477	114-5772	N/A	R76314A3	134-6452	N/A	N/A	184-0001
50	Elec Str.	4	76-79	4357640-5531629	114-5772	N/A	174-5454K 1	134-6452	154-6770	414-3369	184-0001
50	Elec Str.	4	80-85	5531630-A912477	114-5772	N/A	174-5454K 1	134-6452	154-6770	414-6277	184-0001
55	Elec Str.	3	92-97	0D000750-0G589999	114-9052	N/A	174-9710K 1	134-9021-3	194-5279	414-9061	184-0001
55	Man. Start	3	96-97	0G290585-0G589999	114-9052	N/A	174-2075K 1	134-9021-3	N/A	N/A	184-0001
55	Elec Str.	3	98-07	0G590000-0T980000	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0220 414-0004	114-7509
60	-	3	84-90	6428681-D000749	114-7778	N/A	174-5454K 1	134-6453	154-6770	414-4614	184-0001
60	-	3	91-97	D000750-0G589999	114-9052	N/A	174-9710K 1	134-9021-3	194-5279	414-9061	184-0001
60	Manual, Elec Str.	3	97-00	OG531301-OG833000	114-7509	N/A	174-2075K 1	134-4512-3	194-5279	414-0220	114-7509
60	Elec Str.	3	98-07	OG590000-0T980000	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0220 414-0004	114-7509
60	Elec Str. 4 Stk	4	02-05	0T178500-0T598999	878433A 3**	N/A	174-2387	N/A	194-2115K 1	R84-857111T 2	339-859738T 1**

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HP	Model	Cyl.	Year	Serial Number	Switch Box	TPM	Stator	Trigger	Rec./Reg.	Harness	Ign. Coil
60	EFI 4 Stk	4	2005	0T409000-0T800999	N/A	N/A	174-0001	N/A	194-2115K 1	R84-877804T 3	N/A
60	EFI 4 Stk	4	2006	0T801000-1B344306	N/A	N/A	174-0001	N/A	194-2115K 1	N/A	N/A
60	EFI 4 Stk	4	06-07	1B344306-1C050252	N/A	N/A	174-0001	N/A	194-2115K 1	N/A	N/A
65	-	3	76	4382057-4571651	114-7778	N/A	174-5454K 1	134-6453	154-6770	R84-73204	184-0001
65	Jet Elec Str.	3	94-96	D283222-OG760299	114-4953	N/A	174-9710K 1	134-9021-3	194-5279	414-1591	184-0001
65	650	4	67	2119749-2309310	114-2986	N/A	R398-2997	R393-2918A1	154-6770	414-2770	N/A
65	650	4	68	2309311-2505592	R333-3213	N/A	174-3175 174-3176	IGN DRIVER	154-6770	414-2770	N/A
65	-	4	69-71	2503993-3293183	114-2986	N/A	174-4793	R393-2918A1	154-6770	414-2770	N/A
65	650	3	72-75	3293184-4382056	114-4796	N/A	R398-4634	R332-4797	154-6770	R84-60795	N/A
65	Jet	3	96-06	0G760300-1B000001	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0043 414-0003	114-7509
65	Jet Man Str.	3	94-96	0D283222-OG437999	114-4953	N/A	174-9710K 1	134-9021-3	N/A	N/A	184-0001
70	9 Amp	3	87-89	0A996142-0D283221	114-7778	N/A	174-8778K 1	134-9021-3	154-6770	414-1591	184-0001
70	-	3	77-85	4571652-A730815	114-7778	N/A	174-5454K 1	134-6453	154-6770	R84-73204	184-0001
70	16 Amp	3	87-89	0A996142-0D283222	114-7778	N/A	174-9710K 1	134-9021-3	194-5279	414-1591	184-0001
75	16 Amp	3	87-93	0A996142-0D283221	114-7778	N/A	174-9710K 1	134-9021-3	194-5279	414-1591	184-0001
75	Elec Str.	3	94-96	0D283222-OG437999	114-4953	N/A	174-9710K 1	134-9021-3	194-5279	414-1591	184-0001
75	Man.Str.	3	94-96	0D283222-OG437999	114-4953	N/A	174-9710K 1	134-9021-3	N/A	N/A	184-0001
75	9 Amp	3	87-93	0C221500-0D283221	114-7778	N/A	174-8778K 1	134-9021-3	154-6770	414-1591	184-0001
75	2 Stk.	3	96-06	0G438000-1B360999	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0043 414-0003	114-7509
75	-	4	84-86	6432901-0C221499	114-5772	N/A	174-5454K 1	134-6454	154-6770	414-6233A 2	184-0001
80	16 Amp	3	87-93	0A996142-0D283221	114-7778	N/A	174-9710K 1	134-9021-3	194-5279	414-1591	184-0001
80	9 Amp	3	87-93	0A996142-0D283221	114-7778	N/A	174-8778K 1	134-9021-3	154-6770	414-1591	184-0001
80	800	4	69	2559001-2991033	114-2986	N/A	174-4793	134-3736	154-6770	414-2770	N/A
80	800	4	70	3051041-3052380	114-2986K1	N/A	174-4793	134-3736	154-6770	414-2770	N/A
80	800	4	70	3052381-3059820	114-2986	N/A	174-4793	134-3736	154-6770	414-2770	N/A
80	800	4	71	3144219-3192962	114-2986K1	N/A	174-4793	134-3736	154-6770	414-2770	N/A
80	800	4	71-72	3307347-3493912	114-2986	N/A	174-4793	134-3736	154-6770	414-2770	N/A
80	-	4	78-79	4831999-5582561	114-5772	N/A	174-5454K 1	134-6452	154-6770	414-3369	184-0001
80	-	4	80-83	5582562-6432900	114-5772	N/A	174-5454K 1	134-6454	154-6770	414-6233A 2	184-0001
80	Jet	4	94-96	0D283222-OG437999	114-5772	N/A	174-9710K 1	134-9021-4	194-5279	414-0043 414-0003	184-0001
80	Jet	4	96-06	0G438000-1B000001	114-7509	N/A	174-2075K 2	134-4513-4	194-5279	414-0043 414-0002	114-7509
85	850	4	73-75	3493913-4366801	114-2986	N/A	174-4793	134-3736	154-6770	414-2770	N/A
85	850	4	76-77	4366802-4831998	114-5772	N/A	174-5454K 1	134-6452	154-6770	414-3369	184-0001
90	Elec Str.	3	92-94	0C222000-0D283221	114-7778	N/A	174-9710K 1	134-9021-3	194-5279	414-1591	184-0001
90	Elec Str.	3	94-96	0D283222-OG437999	114-4953	N/A	174-9710K 1	134-9021-3	194-5279	414-1591	184-0001
90	Man.Str.	3	94-96	0D283222-OG437999	114-4953	N/A	174-9710K 1	134-9021-3	N/A	N/A	184-0001
90	Elec Str.	3	87-92	0A996142-0C221999	114-7778	N/A	174-8778K 1	134-9021-3	154-6770	414-1591	184-0001
90	SportJet	3	93-95	0E021000-0E095087	114-4953	N/A	174-8778K 1	134-7029-3	194-5279	414-6075	184-0001
90	SportJet	3	95-96	0E080400-0E145579	114-4953	N/A	174-8778K 1	134-7029-3	194-5279	414-6075	184-0001
90	Elec Str.	3	96-06	0G438000-1B360999	114-7509	N/A	174-2075K 2	134-4512-3	194-5279	414-0043	114-7509
90	Inline	6	78-79	4836522-5299505	114-2986	N/A	174-4793	134-3736	154-6770	414-2770	N/A
90	Inline	6	79	5299506-5595646	114-7778	N/A	174-5456	134-6456	154-6770	414-5532	184-0001
90	Inline	6	79-81	5594657-6026608	114-7778	N/A	174-5456	134-6456	154-6770	414-9564	184-0001
90	Inline	6	82-86	6026609-0B110053	114-7778	N/A	174-5456	134-6456	154-6770	414-9564	184-0001
95	XRSprtJet	3	95-97	0E141089-0E315900	114-4953	N/A	174-9710K 1	134-7029-3	194-5279	R84-828297A 2	184-0001

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# Mercury, Mariner Application Charts

HP	Model	Cyl.	Year	Serial Number	Switch Box	TPM	Stator	Trigger	Rec./Reg.	Harness	Ign. Coil
95	950 Inline	6	66-67	1869776-2101742	114-2803	N/A	174-2188	POINTS	N/A	414-2770	N/A
95	950	6	66-67	2101743-2318585	114-2986	N/A	174-2188	R393-2918	154-6770	414-2770	N/A
100	16 Amp	4	94-96	0D283222-0G437999	114-5772	N/A	174-9710K 1	134-9021-4	194-5279	414-3443	184-0001
100	-	4	88-93	0B209468-0D283221	114-5772	N/A	174-8778K 1	134-9021-4	194-5279	414-3443	184-0001
100	9 Amp	4	94-96	0D283222-0G437999	114-5772	N/A	174-8778K 1	134-9021-4	194-5279	414-3443	184-0001
100	1000 Inline	6	67-69	2641855-3253111	114-2986	N/A	R398-3633	R393-2918	154-6770	414-2770	N/A
100	-	4	96-00	0G438000-0G965520	114-7509	N/A	174-2075K 2	134-4513-4	194-5279	414-0043 414-0002	114-7509
105	Jet	6	92-95	0D082000-0G201874	114-7778	N/A	174-9610K 2	134-6456	194-5279	414-6220A16	184-0001
105	Jet	6	96-00	0G303046-0G760500	114-7778	N/A	174-9610K 2	134-6456	194-5279	R84-826730A 4	184-0001
110	1100 Inline	6	66-67	1962462-2103722	114-2803	N/A	174-2188	POINTS	R32177A1	R29999	N/A
110	1101 Inline	6	67	2113898-2314955	114-2986	N/A	174-2188	134-3736	154-6770	R29999*	N/A
115	16 Amp	4	89-97	0C100000-0G437999	114-5772	N/A	174-9710K 1	134-9021-4	194-5279	414-3443	184-0001
115	9 Amp	4	89-93	0C100000-0D252460	114-5772	N/A	174-8778K 1	134-9021-4	194-5279	414-3443	184-0001
115	150 SS Inline	6	70-79	2836019-5314655	114-2986	N/A	174-4793	134-3736	154-6770	414-2770	N/A
115	-	4	96-06	0G438000-1B000001	114-7509	N/A	174-2075K 2	134-4513-4	194-5279	414-0043 414-0002	114-7509
115	Inline	6	79-80	5314656-5600966	114-7778	N/A	174-5456	134-6456	154-6770	414-5532	184-0001
115	Inline	6	80-82	5600967-6051525	114-7778	N/A	174-5456	134-6456	154-6770	414-9564	184-0001
115	Inline	6	82-89	6051526-0C10000	114-7778	N/A	174-5456	134-6456	154-6770	414-9564	184-0001
120	SportJet	4	95	0E070304-0E141088	114-6866	N/A	174-9710K 1	134-7029-4	194-5279	414-6075	184-0001
120	XRSport-Jet	4	95-00	0E141089-0E379999	114-7509	N/A	174-2075K 2	134-8303-4	194-5279	R84-828297A 2	114-7509
125	16 Amp	4	94-96	0D283222-0G437999	114-5772	N/A	174-9710K 1	134-9021-4	194-5279	414-3443	184-0001
125	9 Amp	4	94-96	0D283222-0G437999	114-5772	N/A	174-8778K 1	134-9021-4	194-5279	414-3443	184-0001
125	-	4	96-06	0G438000-1B000001	114-7509	N/A	174-2075K 2	134-4513-4	194-5279	414-0043 414-0002	114-7509
125	1250 Inline	6	68-69	2314956-3253111	114-2986	N/A	174-4793	R393-2918	154-6770	414-2770	N/A
135	1350 Inline	6	70-71	2839369-3293233	114-2986	N/A	174-4793	134-3736	154-6770	414-2770	N/A
135	-	6	85-88	0A904646-0C100860	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	414-6220A 4	184-0001
135	-	6	89-90	0C100861-0C239552	114-7778	N/A	174-9610K 2	134-6456	194-1873	414-6220A12	184-0001
135	16 Amp	6	90-91	0C239553-0D081999	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	414-6220A 4	184-0001
135	40 Amp	6	90-91	0C239553-0D081999	114-7778	N/A	174-9610K 2	134-6456	194-1873	414-6220A12	184-0001
135	40 Amp	6	92-95	0D082000-0G201874	114-7778	N/A	174-9610K 2	134-6456	194-5279	414-6220A16	184-0001
135	42 Amp	6	96-99	0G303046-0G960499	114-7778	N/A	174-9610K 2	134-6456	194-5279	R84-826730A 4	184-0001
135	-	6	00-07	0G960500-UP	114-7509	N/A	174-0002	134-6456-18	194-2115K 1	414-0007 R84-857166T 1*	114-7509
140	1400 Inline	6	72	3293234-3502805	114-2986	N/A	174-4793	134-3736	154-6770	414-2770	N/A
140	Inline	6	78-79	4855153-5314655	114-2986	N/A	174-4793	134-3736	154-6770	414-2770	N/A
140	Inline	6	79	5327663-5625107	114-7778	N/A	174-5456	134-6456	193-5114	414-5532	184-0001
140	-	6	80-81	5625108-5669999	114-7778	N/A	174-5456	134-6456	154-6770	414-9564	184-0001
140	Jet	6	92-95	0D082000-0G201874	114-7778	N/A	174-9610K 2	134-6456	194-5279	414-6220A16	184-0001
140	Jet	6	96-99	0G303046-0G960499	114-7778	N/A	174-9610K 2	134-6456	194-5279	R84-826730A 4	184-0001
140	Jet	6	00-07	0G960500-UP	114-7509	N/A	174-0002	134-6456-18	194-2115K 1	414-0007 R84-857166T 1*	114-7509
150	1500 Inline	6	73-77	3502806-4868997	114-2986	N/A	174-4793	134-3736	154-6770	414-2770	N/A
150	XR2 Mag	6	78-86	04868998-0A904645	114-7778	N/A	174-5456	134-6456	154-6770	414-6220A 4	184-0001

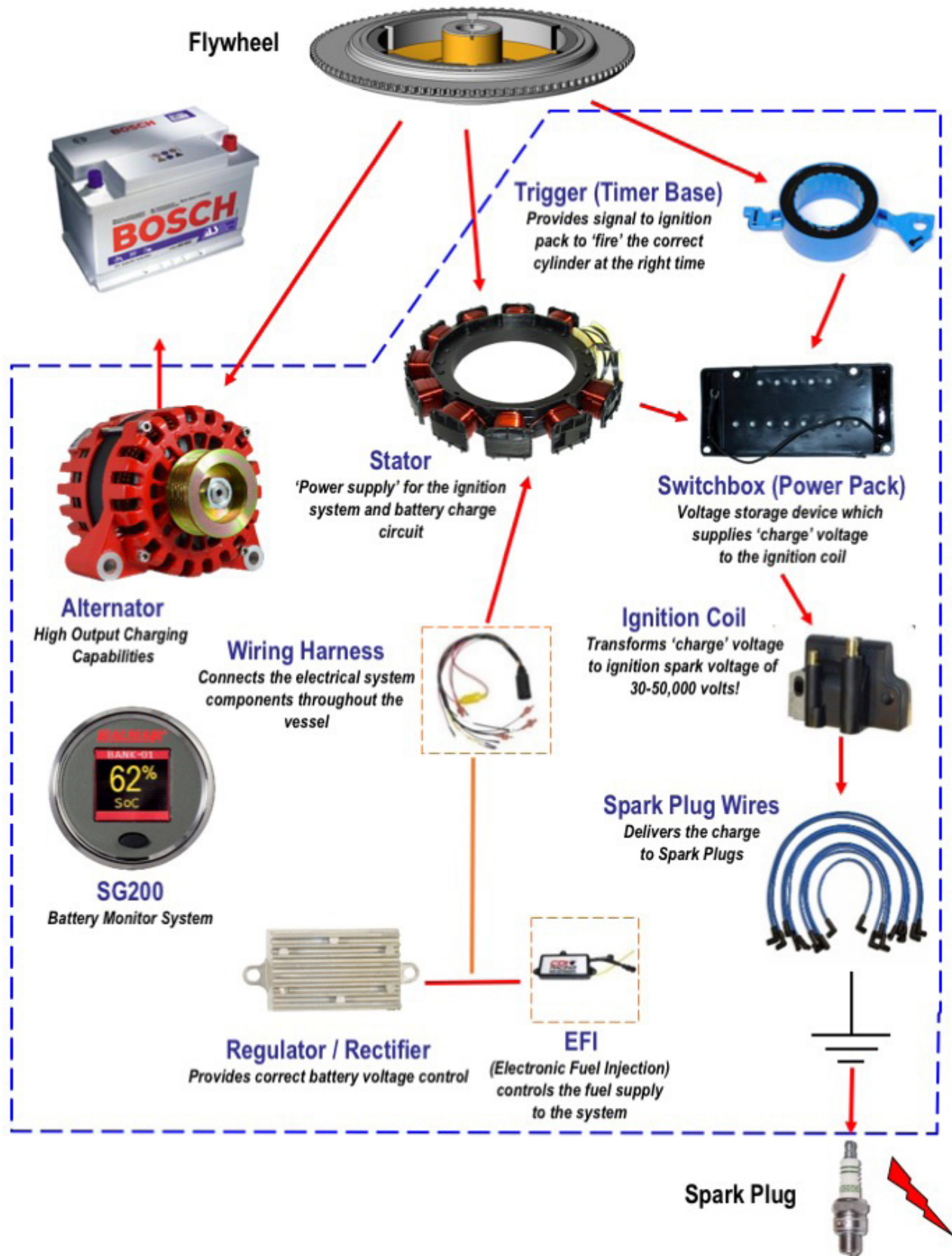
Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
Please see the part number page for additional information that will help you identify your correct part.

HP	Model	Cyl.	Year	Serial Number	Switch Box	TPM	Stator	Trigger	Rec./Reg.	Harness	Ign. Coil
150	-	6	85-88	0A904646-0C100860	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	414-6220A 4	184-0001
150	-	6	89-90	0C100861-0C239552	114-7778	N/A	174-9610K 2	134-6456	194-1873	414-6220A12	184-0001
150	16 Amp	6	90-91	0C239553-0D081999	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	414-6220A 4	184-0001
150	40 Amp	6	90-91	0C239553-0D081999	114-7778	N/A	174-9610K 2	134-6456	194-1873	414-6220A12	184-0001
150	40 Amp	6	92-95	0D082000-0G303045	114-7778	N/A	174-9610K 2	134-6456	194-5279	414-6220A16	184-0001
150	2 Stk.	6	96-99	0G303046-0G960499	114-7778	N/A	174-9610K 2	134-6456	194-5279	R84-826730A 4	184-0001
150	2 Stk. Carb.	6	00-07	0G960500-0T408999	114-7509	144-7185	174-0002	134-6456-18	194-2115K 1	414-0007 R84-857166T 1*	114-7509
150	2 Stk. EFI	6	00-07	0G960500-0T408999	114-7509	144-7169	174-0002	134-6456-18	194-2115K 1	414-0007 R84-857166T 1*	114-7509
175	Black Max	6	76-79	4301235-5593736	114-7778	N/A	174-5456	134-6456	154-6770	414-6220A 4	184-0001
175	Black Max	6	79-84	5593737-6618750	114-7778	N/A	174-5456	134-6456	154-6770	414-6220A 4	184-0001
175	9 Amp	6	85-88	6618751-0C100860	114-7778	N/A	174-5456	134-6456	154-6770	414-6220A 4	184-0001
175	15 Amp	6	85-88	6618751-0C100860	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	414-6220A 4	184-0001
175	40 Amp	6	89-90	0C100861-0C239552	114-7778	N/A	174-9610K 2	134-6456	194-1873	414-6220A12	184-0001
175	16 Amp	6	90-91	0C239553-0D081999	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	414-6220A 4	184-0001
175	40 Amp	6	90-91	0C239553-0D081999	114-7778	N/A	174-9610K 2	134-6456	194-1873	414-6220A12	184-0001
175	Xri EFI	6	92-95	0D082000-0G303045	114-7778	N/A	174-9610K 2	134-6456	194-5279	414-6220A16	184-0001
175	Xri EFI	6	96-00	0G303046-0G840500	114-7778	N/A	174-9610K 2	134-6456	194-5279	R84-826730A 4	184-0001
175	2 Stk.	6	96-99	0G303046-0G960499	114-7778	N/A	174-9610K 2	134-6456	194-5279	R84-826730A 4	184-0001
175	2 Stk. Carb.	6	00-05	0G960500-0T408999	114-7509	144-7185	174-0002	134-6456-18	194-2115K 1	414-0007 R84-857166T 1*	114-7509
175	2 Stk. EFI	6	00-05	0G960500-0T408999	114-7509	144-7169	174-0002	134-6456-18	194-2115K 1	414-0007 R84-857165T 1*	114-7509
175	XR2 Sp. Jet	6	97-05	0E151580-0E433133	114-4953-32	N/A	174-9873-16	134-6456-15	194-5279	R84-832102A 2	184-0001
200	Black Max	6	78-79	4839034-5363917	114-7778	N/A	174-5456	134-6456	154-6770	414-6220A 4	184-0001
200	Black Max	6	79-81	5363918-6073191	114-7778	N/A	174-5456	134-6456	154-6770	R84-87266A1	184-0001
200	15 Amp	6	82-90	6073192-0C239553	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	414-6220A 4	184-0001
200	16 Amp	6	85-90	6625221-0C239553	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	414-6220A 4	184-0001
200	Xri 40 Amp	6	89-91	0C100861-0G303045	114-7778	N/A	174-9610K 2	134-6456	194-1873	414-6220A12	184-0001
200	16 Amp	6	89-91	0D082000-0G201874	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	414-6220A16	184-0001
200	40 Amp	6	89-91	0G201875-0G30345	114-7778	N/A	174-9610K 2	134-6456	194-1873	R84-826730A 4	184-0001
200	2 Stk.	6	92-00	0G303046-0G960499	114-7778	N/A	174-9610K 2	134-6456	194-5279	R84-826730A 4	184-0001
200	2 Stk. Carb.	6	00-05	0G960500-1B226999	114-7509	144-7185	174-0002	134-6456-18	194-2115K 1	414-0007 R84-857166T 1*	114-7509
200	2.5L EFI	6	92-99	0D082000-0G840500	114-7778	N/A	174-9610K 2	134-6456	194-5279	414-6220A16	184-0001
200	EFI	6	00-05	0G960500-0T408999	114-7509	144-7169	174-0002	134-6456-18	194-2115K 1	414-0007 R84-857166T 1*	114-7509
210	Sp Jet	6	97-99	0E370318-0E433133	114-4953-32	N/A	174-9873-16	134-6456-15	194-5279	R84-832102A 2	184-0001
220	-	6	87-88	0B117316-0C100860	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	R84-92432A 6	184-0001
225	-	6	81-93	5628028-0D280812	114-7778	N/A	174-5456-16	134-6456	194-8825K 1	N/A	184-0001
225	2.5L EFI	6	95-00	0D935638-0G569900	114-7778	N/A	174-9610K 2	134-6456	194-5279	414-6220A16	184-0001
225	3.0L	6	93-94	0D280813-0G129221	114-7509K1	N/A	R398-821935K 1	N/A	Alternator	R84-825433A 7	114-7509K 1
225	3.0L	6	94-95	0G129222-0G303045	114-7509K1	N/A	R398-821935K 2	N/A	Alternator	N/A	114-7509K 1
225	3.0L	6	96-01	0G303046-0T408999	114-7509	N/A	R398-821935K 2	N/A	Alternator	N/A	114-7509
240	Sp Jet	6	00-05	0E373939-0E406399	114-7509	N/A	174-0002	134-6456-18	194-2115K 1	R84-877614A 2	114-7509
250	3.0L	6	94-95	0G129222-0G303045	114-7509K1	N/A	R398-821935K 2	N/A	Alternator	N/A	114-7509K 1
250	3.0L	6	96-00	0G303046-0G840500	114-7509	N/A	R398-821935K 2	N/A	Alternator	N/A	114-7509
250	XB 3.0L	6	00-02	0G980600-0T408999	114-7509	N/A	R398-821935K 2	N/A	Alternator	R84-825433A11	114-7509
300	ProMax	6	98-01	0G980600-0T408999	114-7509	N/A	R398-821935K 2	N/A	Alternator	R84-825433A11	114-7509

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<b>TRIGGERS</b>	<b>107</b>
<b>STATORS</b>	<b>109</b>
<b>RECTIFIERS</b>	<b>109</b>
<b>REGULATORS</b>	<b>110</b>
<b>SPARK PLUG WIRES</b>	<b>110</b>
<b>APPLICATION CHART</b>	<b>111</b>

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## Chrysler, Force, Sears &amp; Gamefisher



### 114-4952 Ignition Pack 2 Cyl.

1992-1995 (40 & 50HP) Force 2 Cyl. Engines

#### Replaces

18495A13, 18495A11, 18495A 2,  
18495A 4, 18495A 5, 18495A 6,  
18495A 8



### 114-4953 Ignition Pack 3 Cyl.

Mercury (1994-1997 (65 JET,75,90 & 95 SportJet) Force (1993-1995 (70 & 90HP)

#### Replaces

18495A15, 18495A26, 18495A18,  
18495A19, 18495A10, 18495A12



### 114-5772 Ignition Pack 4 Cyl.

Mercury (1976-1997 (30 Jet,40,45,50,75,80,85,100,115 & 125HP) Force (1991-1995 (120HP)

#### Replaces

9-25104, 332-5772, 332-5772A 1,  
332-5772A 2, 332-5772A 3, 332-5772A 4, 332-5772A 5, 332-5772A 7



### 114-7509 CDM Module 2/3/4/6 Cyl.

Mercury (1996-2007 (30-300HP) Force (1996-1999 (40,50,75,90 & 120HP)

#### Replaces

827509A 1, 827509A 3, 827509A 4,  
827509A 7, 827509A 9, 827509A10,  
827509T 7



Upgrade Available

### 114-7778 Ignition Pack 3/6 Cyl.

Mercury (1984-1994 (50-90HP - 3 Cyl.) 1976-1999 (90-225HP - 6 Cyl.) Force (1991-1992 (70 & 90HP)

#### Replaces

332-7778A 9, 332-5524, 332-5524A 1, 332-7778, 332-7778A 1,  
332-7778A 3, 332-7778A 5,  
332-7778A 6, 332-7778A12

Does Not Include 3.0L Engines



### 115-3301 Ignition Pack 2/3/4 Cyl.

1974-1977 (35HP - 2 Cyl.) 1975-1987 (50,70,75,80 & 90HP - 3 Cyl.) 1976-1984 (100,105,115,120,125 & 140HP - 4 Cyl.) w/ Belt Driven Distributor, No Tachometer Output

#### Replaces

300-F817855A 1, 300-817855A 1,  
404301, 523301, 523301-1, 6CB2003,  
6CB2012A, 6CB2012B, 817855A 1,  
F404301, F404301-1, F404301-2,  
F523301, F523301-1, FA523301,  
K523301, FK1123, FK523301

High Performance Part Available!  
See 214-7778K 1, 214-7778K 2,  
214-7778K 3, 214,7778R 2  
on Page 83.

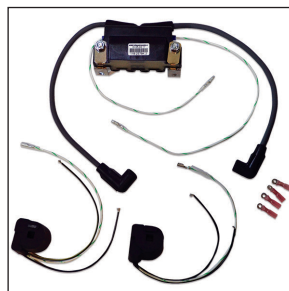


### 116-0301 Ignition Pack 2 Cyl.

1975-1984 (9.9,10,12,15,20 & 25HP)

#### Replaces

300-F510301, 510301, F510301



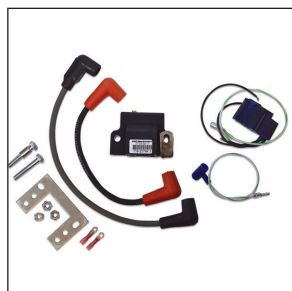
### 116-2379K 2 Ignition Kit 2 Cyl.

1989-1992 (9.9 & 15HP)

#### Replaces

F12379

Includes: (2) 181-1000, 183-3740 & Coil Wires



### 116-2379K 3 Ignition Kit 1 Cyl.

1989-1992 (5HP)

#### Replaces

F12386, F712475, 712475

Includes: (2) 181-1000, 183-2508 & Coil Wires

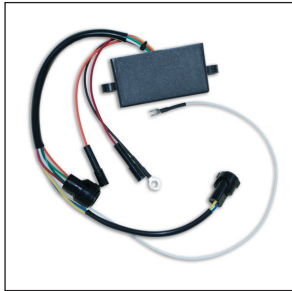


### 116-3301 Ignition Pack 3/4 Cyl.

1986-1988 (85HP - 3 Cyl.) 1986-1988 (125HP - 4 Cyl.) Black Case

#### Replaces

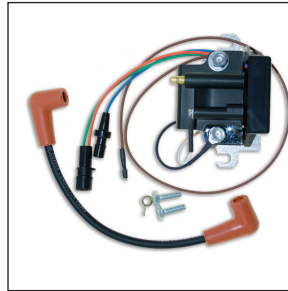
300-817974A 1, 300-F817974A 1,  
653301, 653301-1, F653301,  
F653301-1, 817974A 1, FK653301



**116-5301**  
**Ignition Pack 2/3/4 Cyl.**

1981-1985 (55 & 60HP - 2 Cyl.) 1983-1986 (80 & 85HP - 3 Cyl.) 1981-1986 (90,115 & 125HP - 4 Cyl.)

**Replaces**  
888787, F475301-1, 475301-1, 300-888787, 300-F475301-1



**116-5475**  
**Ignition Pack 2 Cyl.**

1972-1985 (7.5 & 8HP)  
1978-1980 (6HP)

**Replaces**  
525475, F525475



**116-7323**  
**Ignition Pack 5 Cyl.**

1991-1994 (150HP)

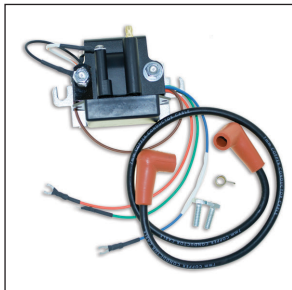
**Replaces**  
817323A 1, 817323A 2, 817323A 3



**116-8301**  
**Ignition Pack 2/3/4/5 Cyl.**

1988-1992 (50HP - 2 Cyl.) 1989-1991 (85 & 90HP - 3 Cyl.) 1988-1991 (120 & 125HP - 4 Cyl.) 1989-1992 (150HP - 5 Cyl.)

**Replaces**  
685301-2, 658301, 658301-2, F658301-2, 888788, 300-F685301-2, 300-F658301-2, 300-888788



**116-8475**  
**Ignition Pack 2 Cyl.**

1984-1988 (50HP)

**Replaces**  
300-888790, F658475, 888790, 658475, 300-F658475



**116-9301**  
**Ignition Pack 2 Cyl.**

1978-1991 (25,30 & 35HP)

**Replaces**  
F529301, 888789, 529301, 300-F529301, 300-888789



**134-5744-2**  
**CDM Trigger 2 Cyl.**

1996-1999 (40 & 50HP)

**Replaces**  
854509, 854509A 9, 828301, 855744A 2, 855744A11



**134-7029-3**  
**Trigger 3 Cyl.**

Mercury (1993-1997 (90 & 95HP) SporJet)  
Force (1991-1995 (70 & 90HP))

**Replaces**  
817029A 9, 817029A 3



**134-8302-3**  
**CDM Trigger 3 Cyl.**

1996-1999 (75 & 90HP)

**Replaces**  
855745A11, 828302A 1



**134-8303-4**  
**CDM Trigger 4 Cyl.**

Mercury (1995-2000 (120HP) SportJet)  
Force (1996-1999 (120HP))

**Replaces**  
828303A 1, 855745A22

## Chrysler, Force, Sears &amp; Gamefisher



### 134-9527-2 Trigger 2 Cyl.

1992-1995 (40 &amp; 50HP)

**Replaces**  
819527A 1



### 135-4048 Pre Amp 3/4 Cyl.

1974-1984 (70,75,80 &amp; 90HP - 3 Cyl.) 1976-1984 (100,105,115,120,135 &amp; 140HP - 4 Cyl.)

**Replaces**  
14048-2, F14048, F14048-1,  
F14048-2, F14058, FA14048,  
FA14048-1, FA14048-2

Distributor Ignition



### 136-3029-3 Trigger 3 Cyl.

1987-1991 (85 &amp; 90HP)

**Replaces**  
300-888796, 300-F653029-1,  
653029, F653029, F653029-1,  
888796



### 136-4029-2 Trigger 2 Cyl.

1981-1992 (50,55 &amp; 60HP)

**Replaces**  
300-888798, 300-F684029-1,  
F684029, F684029-1, 888798,  
684029, 684029-1



### 136-4029-4 Trigger 4 Cyl.

1987-1991 (120 &amp; 125HP)

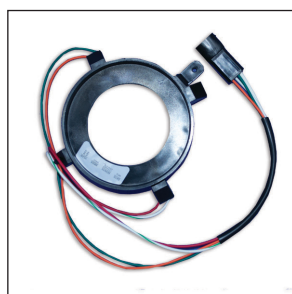
**Replaces**  
654029, 654029-1, 888797, F654029,  
F654029-1, 300-888797, 300-  
F654029-1



### 136-4029-5 Trigger 5 Cyl.

1989-1992 (150HP) w/ Prestolite Ignitions

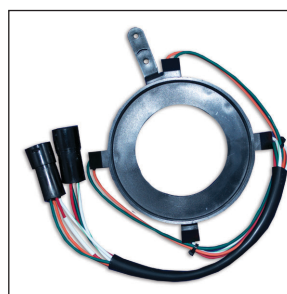
**Replaces**  
694029, 694029-2, F694029,  
F694029-2, 888799, 300-F694029-2



### 136-5029-2 Trigger 2 Cyl.

1984-1985 (60HP)

**Replaces**  
475029, 300-F475029, F475029



### 136-5029-4 Trigger 4 Cyl.

1981-1986 (90,115 &amp; 125HP)

**Replaces**  
300-888794, 615029, 888794,  
F615029



### 136-6029-3 Trigger 3 Cyl.

1983-1986 (80 &amp; 85HP)

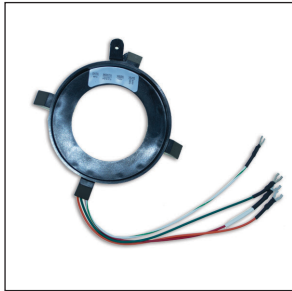
**Replaces**  
300-888795, 888795, F616029,  
819017, 616029



### 136-7029-5 Trigger 5 Cyl.

1991-1994 (150HP)

**Replaces**  
817029A 5, 817029A 6



**136-8029-2**  
**Trigger Sensor 2 Cyl.**

1984-1988 (50HP)

**Replaces**

300-F658029, 300-F658029-2,  
300-888800, 300-658029, 888800,  
F658029, 658029

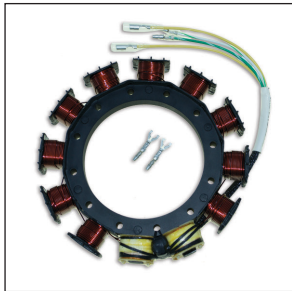


**110-0958**  
**Stator 2 Cyl.**

1973-1987 (7.5,9.9HP) 1980-1985 (15HP) 2  
Cyl. Manufactured by Eska

**Replaces**

610873, 610958



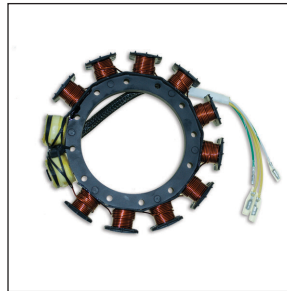
**174-2075K 1**  
**Stator 2/3 Cyl., 9 amp**

1995-2005 (30 & 40HP - 2 Cyl.) 1996-2005  
(40,50,55 & 60HP - 3 Cyl.) w/ CDM Modules

**Replaces**

398-832075A13, 398-832075A14,  
398-832074A 5, 398-832074A11,  
398-9783A18, 398-9783A29,  
398-9873A13, 398-9873A15

\*Not for use with Flywheels with  
Bolted-In Magnets



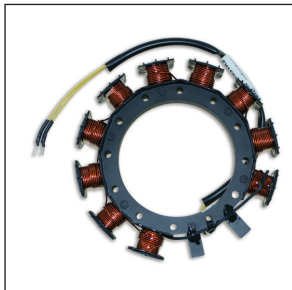
**174-2075K 2**  
**Stator 2/3/4 Cyl., 16 amp**

1995-2006 (30 & 40HP - 2 Cyl.) 1996-2007  
(30 JET, 40,50,55,60,65 JET,75 & 90HP - 3  
Cyl.) 1995-2006 (80 JET, 100,115,120 JET &  
125HP - 4 Cyl.) w/CDM Modules

**Replaces**

398-9873A19, 398-9873A22,  
398-9873A28, 398-832075A 3,  
398-832075A 4, 398-832075A 6,  
398-832075A12, 398-832075A17,  
398-832075A21, 398-832075T18

\*Not for use with Flywheels with  
Bolted-In Magnets



**174-6231K 2**  
**Stator 5 Cyl., 16 amp**

1991-1994 (150HP)  
Use w/ Inverter

**Replaces**

398-6231A12, 398-6231A13,  
398-6231A14, 398-6231A15

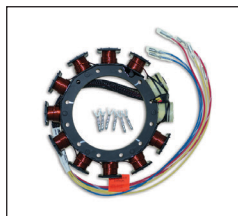


**174-8778K 1**  
**Stator 2/3/4 Cyl., 9 amp**

Mercury (1987-1996 (70,75 & 90HP - 3  
Cyl.) 1988-1996 (40,100,115 & 125HP - 4  
Cyl.) Force (1992-1995 (40 & 50HP - 2 Cyl.)  
1991-1995 (70 & 90HP - 3 Cyl.) 1991-1995  
(120HP - 4 Cyl.)

**Replaces**

398-818535A 3, 398-818535A 5, 398-818535A 8, 398-818535A 9,  
398-818535A10, 398-818535A13, 398-818535A14, 398-818535A15,  
398-8778A6, 398-8778A10, 398-8778A16, 398-8778A17, 398-8778A18,  
398-8778A21, 398-8778A22, 398-8778A23, 398-8778A24, 398-8778A25,  
398-8778A26, 398-8778A27, 398-8778A28, 398-8778A29, 749095, F749095



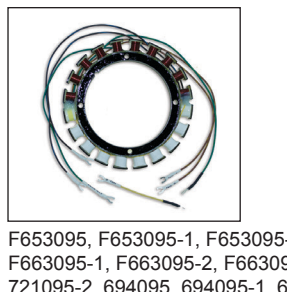
**174-9710K 1**  
**Stator 2/3/4 Cyl., 16 amp**

1987-1997 (45 JET,50,55,60,65  
JET,70,75,80,90 & 95HP - 3 Cyl.) 1989-1997  
(30 JET,40,80 JET,100,115,120 JET & 125HP  
- 4 Cyl.)

**Replaces**

F747095, 398-9873A38, 398-9873A17, 398-9873A 9, 398-9873A29,  
398-9873A32, 398-9873A33, 398-9873A35, 398-9873A24, 398-9873A25,  
398-818535A17, 398-818535A18, 398-9710A11, 398-9710A12,  
398-9710A14, 398-9710A15, 398-9710A17, 398-9710A18, 398-9710A22,  
398-9710A23, 398-9710A25, 398-9710A28, 398-9710A30, 398-9710A31,  
398-9710A33, 398-9710A34, 398-9710A35, 398-9710A36, 398-9710A38,  
398-9710A39, 398-9710A43, 398-9710A45, 398-9710A46, 398-9710A47,  
398-9710A48, 398-9710A49

\*Not for use with Flywheels with Bolted-In Magnets



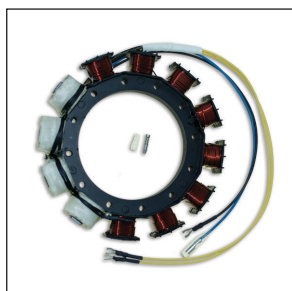
**176-3095**  
**Stator 2/3/4/5 Cyl.**

1984-1992 (50HP - 2 Cyl.) 1987-1991 (85 &  
90HP - 3 Cyl.) 1986-1991 (120 & 125HP - 4  
Cyl.) 1989-1992 (150HP - 5 Cyl.)

**Replaces**

F653095, F653095-1, F653095-2, F653095-3, F658095, F663095,  
F663095-1, F663095-2, F663095-3, 888793, 722095, 721095, 721095-1,  
721095-2, 694095, 694095-1, 694095-2, 695095, 695095-1, 695095-2,  
658095, 653095, 663095, 663095-1, 663095-2, 663095-3, 663095-4,  
300-663095, 300-663095-4, 300-694095-2, 300-888793, 300-F658095,  
300-F663095, 300-F663095-4, 300-F694095-2, 300-F695095,  
300-F721095, 300-F721095-1, 300-F722095

\*Not for use with Flywheels with Bolted-In Magnets

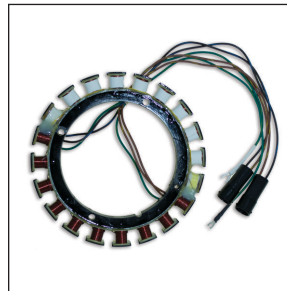


**176-4796K 1**  
**Stator Invertor  
Replacement 5 Cyl.**

1991-1994 (150HP)

**Replaces**

332-4796A 7, 332-4796A 8



**176-5095**  
**Stator 2/3/4 Cyl.**

1981-1985 (55 & 60HP - 2 Cyl.) 1983-  
1986 (80 & 85HP - 3 Cyl.) 1981-1986  
(90,115 & 125HP - 4 Cyl.)

**Replaces**

F616095, F475095, F615095,  
FA615095, 888792, 616095, 615095,  
300-888792, 300-F475095,  
300-F616095, 300-475095, 475095



## 152-9209 Universal Rectifier 2/3/4 Cyl.

1975-1992 (9.9-50HP - 2 Cyl.) 1975-1985 (50-90HP - 3 Cyl.) 1976-1989 (100-140HP - 4 Cyl.)

### Replaces

474470, 650450, 510450-1, 617450, 87-F650450, FA617450, FA650450, F475470, F510450, F510450-1, F404470, F404470-1, F617450, F650450, F684450, F684458, FK650450



## 155-1450 Rectifier 2/3/4/5 Cyl.

1974-1985 (35,45,50,55 & 60HP - 2 Cyl.) 1983-1991 (80,85 & 90HP - 3 Cyl.) 1981-1991 (90,115,120 & 125HP - 4 Cyl.) 1989-1992 (150HP - 5 Cyl.)

### Replaces

F311450, F369450, F369450-1, FK369450

**CDI  
EXCLUSIVE**



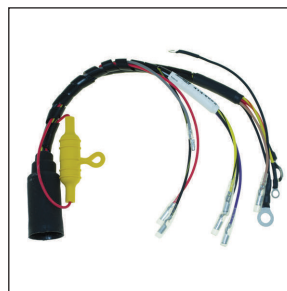
## 194-5279 Voltage Regulator 2/3/4/6 Cyl.

1995-2005 (25-40HP - 2 Cyl.) 1987-2007 (45-90HP - 3 Cyl.) 1989-2006 (90-125HP - 4 Cyl.) 1992-2000 (150-225HP - 6 Cyl.)

### Replaces

817411, 817411 1, 817411-1, 815279, 815279 1, 815279 2, 815279 3, 815279 4, 815279 5, 815279-1, 815279-2, 815279-3, 815279-4, 815279-5, 815279A 1, 815279A 2, 815279A 3, 815279A 4, 815279T, 815279T 2, 815279T 3, 815279T 4, 815279T 5, 854514, 854514 1, 854514A 1, 854514T, 854514T 1, 854515, 854515 1, 854515-1, 854515A 1, 854515T 1, 830179, 830179 2, 830179-2, 830179A 1, 830179A 2, 830179A 3, 830179T, 856747T 1, 856748, 883071A 1, 883072, 883072T, 65W-81960-00-00, 65W-81960-10-00

Redesigned to work with Maint. Free Batteries



## 414-8952 Wiring Harness 2 Cyl.

1992-1995 (40-50HP)

### Replaces

84-818952A 1, 818952A 1



## 182-4475R Ignition Coil 2/3/4/5 Cyl.

1981-1992 (50,55 & 60HP - 2 Cyl.) 1983-1991 (80,85 & 90HP - 3 Cyl.) 1981-1991 (90,115,120 & 125HP - 4 Cyl.) 1989-1992 (150HP - 5 Cyl.)

### Replaces

615475, 684475, F684475, F684475-1, F615475, 888791, 300-888791



## 182-5475 Ignition Coil 2/3/4 Cyl.

1974-1978 (45HP - 2 Cyl.) 1975-1984 (70,75,80 & 90HP - 3 Cyl.) 1976-1984 (100,105,115,120,135 & 140HP - 4 Cyl.)

### Replaces

345475-1, 345475-2, F345475, F345475-1, F345475-2

**HIGH  
Runner**



## 184-0001 Ignition Coil

1970-2006 (30-40HP - 2 Cyl.) 1976-1997 (45-90HP - 3 Cyl.) 1976-1997 (45-125HP - 4 Cyl.) 1976-2000 (90-225HP - 6 Cyl.) Ring Terminal Connector.

### Replaces

338-4774A 1, 339-7370A 2, 339-7370A 6, 339-7370A 8, 339-7370A13, 339-7370A16, 339-7370A17, 339-7370A19, 339-7370A23, 339-7370B13, 338-4995A 1, 338-4995A 2, 339-832757A 3, 339-832757A 4, 339-832757B 4



## 185-2370 Magneto Ignition Coil 1/2 Cyl.

1974-1987 (3.5,3.6 & 4HP - 1 Cyl.) 1975-1987 (4.9-45HP - 2 Cyl.)

### Replaces

FA12231, FA12345, FA12370, F12345, F12370, 889493, 889493A01, A12370, FK12369, FX11406, FX14877

**NEW**



## 184-0006 Ignition Coil

1970-2006 (6-25HP - 2 Cyl.)

### Replaces

Same Replaces Data as 184-0001

Only required for coils with through hole mounting.



## 931-4900 High Performance Spark Plug Wire

Spark plug wire set for BIM Module 116-2379

HP	Year	Model/Serial No.	Ign. Pack	Stator	Trigger	Rect/Reg	Harness	Ign. Coil
3.5	81-84	32H1D/E/H/G	Magneto	Magneto	Points	N/A	N/A	185-2370
3.6	74-76	32BC/HC/33BC/HC	Magneto	Magneto	Points	N/A	N/A	185-2370
4	76-84	ALL	Magneto	Magneto	Points	N/A	N/A	185-2370
4	84-87	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
4.9	75-76	ALL	Magneto	Magneto	Points	N/A	N/A	185-2370
5	92-98	0E000001-0E344999	SEMS (BIM II)	Magneto	In CD	N/A	N/A	300-850899T**
5	84-89	88A, 88B, 89A	Magneto	Magneto	Points	N/A	N/A	185-2370
5	89-92	89B	Magneto	Magneto	Points	N/A	N/A	185-2370
5	75-76	ALL	Magneto	Magneto	Points	N/A	N/A	185-2370
6	75-82	ALL	Magneto	Magneto	Points	N/A	N/A	185-2370
7.5	72	BOC/B1D/HOC/H1D	116-5475	RF525301	RF529029	N/A	N/A	N/A
7.5	77	BOC/B1C/HOC/H1C	116-5475	RF525301	RF529029	N/A	N/A	N/A
7.5	79-84	All Models	116-5475	RF525301	RF529029	N/A	N/A	N/A
7.5	85	72F5A	116-5475	RF525301	RF525029	N/A	N/A	In CD
8	78	ALL	116-5475	RF525301	RF529029	N/A	N/A	N/A
8	82	82H8J/87H8A	116-5475	RF525301	RF529029	N/A	N/A	N/A
8	76-77	ALL	Magneto	Magneto	Points	N/A	N/A	185-2370
8	79	ALL	Magneto	Magneto	Points	N/A	N/A	185-2370
9.9	79-84	Electric Start	116-0301	510095**	RF510029	152-9209	N/A	N/A
9.9	89-92	89B-91A/91B-92B	116-2379K 2	N/A	In CD	N/A	-	116-2379K 2
9.9	89-92	0E000001-0E034999	116-2379K 2	N/A	In CD	N/A	N/A	116-2379K 2
9.9	79-84	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
9.9	84-89	84A-89A	Magneto	Magneto	Points	N/A	N/A	185-2370
10	76-78	W/CD-Alternator	116-0301	510095**	RF510029	152-9209	N/A	N/A
10	76-78	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
12	76-84	Electric Start	116-0301	510095**	RF510029	152-9209	N/A	N/A
12	76-84	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
15	76-84	Electric Start	116-0301	510095**	RF510029	152-9209	N/A	N/A
15	92-98	0E035000-0E344999	SEMS (BIM II)	Magneto	In CD	N/A	N/A	300-850899T**
15	88-92	88A-92A	116-2379K 2	N/A	In CD	N/A	N/A	116-2379K 2
15	88-92	0E000001-0E034999	116-2379K 2	N/A	In CD	N/A	N/A	116-2379K 2
15	76-84	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
15	84-87	84A-87A	Magneto	Magneto	Points	N/A	N/A	185-2370
20	75-82	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
20	75-82	Electric Start	116-0301	R510095	RF510029	152-9209	R529744	N/A
25	83-84	Electric Start	116-9301	R510095	RF529029	152-9209	N/A	N/A
25	96-98	0E127700-0E344999	SEMS (BIM II)	Magneto	In CD	N/A	N/A	300-850899T**
25	89	All Models	116-9301	F525095**	RF525029	152-9209	N/A	F510475**
25	75-82	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
25	75-82	Electric Start	116-0301	R510095	RF510029	152-9209	R529744	N/A
30	79	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
30	80-82	Electric Start	116-9301	R510095	RF529029	152-9209	R529744	N/A
35	76-82	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
35	74-75	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
35	74-77	Electric Start	115-3301	R466095	Points	155-1450	R311744-1	N/A
35	78	W/CD-Alternator	116-9301	R510095	RF529029	152-9209	R529744	N/A

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## Chrysler, Force, Sears &amp; Gamefisher Application Charts

HP	Year	Model/Serial No.	Ign. Pack	Stator	Trigger	Rect/Reg	Harness	Ign. Coil
35	83-84	W/CD-Alternator	116-9301	R510095	RF529029	152-9209	R529744	N/A
35	87-91	All Models	116-9301	R510095	RF529029	152-9209	R529744	F510475**
40	92-95	1992-C	114-4952	174-8778K1	134-9527-2	194-5279	R821620A1	184-0001
40	92-95	0E000001-0E138599	114-4952	174-9710K1	134-9527-2	194-5279	R84-818952A1	184-0001
40	96-97	0E138600-0E287999	114-7509	174-2075K2	134-5744-2	194-5279	R84-828296A1	114-7509
40	98-99	0E28800-0E369299	114-7509	174-2075K2	134-5744-2	194-5279	R84-828296A1	114-7509
45	74-78	Manual Start	Magneto	Magneto	Points	N/A	N/A	185-2370
45	76-84	W/Points	N/A	R466095	Points	155-1450	R311744-2	N/A
45	74-78	MagnaPower	R345301	R466095	Points	155-1450	R344744-1	182-5475
50	81-83	W/Points	N/A	R466095	Points	155-1450	R311744-2	N/A
50	87	B	115-3301	R466095	Points	152-9209	R658744	380475
50	84-87	A, C	116-8475	176-3095	136-8029-2	152-9209	R658744	In CD
50	88	A, B, C	116-8475	176-3095	136-8029-2	152-9209	R658744	In CD
50	88	D	116-8301	176-3095	136-4029-2	152-9209	R658744-1	182-4475R
50	89-92	All Models	116-8301	176-3095	136-4029-2	152-9209	R662744	182-4475R
50	92-95	0E009500-0E138599	114-4952	174-9710K1	134-9527-2	194-5279	R84-818952A1	184-0001
50	96-97	0E138600-0E283999	114-7509	174-2075K2	134-5744-2	194-5279	R84-828296A1	114-7509
50	92	0E000001-0E009499	114-4952	174-8778K1	134-9527-2	194-5279	R84-921620A1	184-0001
55	81-83	All Models	116-5301	176-5095	136-4029-2	155-1450	R475744	182-4475R
60	84	All Models	116-5301	176-5095	136-4029-2	155-1450	R475744	182-4475R
60	84-85	All Models	116-5301	176-5095	136-5029-2	155-1450	R475744	182-4475R
70	79-80	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
70	91-92	E000001-E009499	114-7778	174-8778K1	134-7029-3	194-5279	R84-817459A1	184-0001
70	91-92	E000001-E009499	114-7778	174-9710K1	134-7029-3	194-5279	R84-817459A1	184-0001
70	93-94	E009500-E093699	114-4953	174-8778K1	134-7029-3	194-5279	R84-823392A1	184-0001
70	93-94	E009500-E093699	114-4953	174-9710K1	134-7029-3	194-5279	R84-823392A1	184-0001
70	94-95	E093700-E138599	114-4953	174-8778K1	134-7029-3	194-5279	R84-827244A1	184-0001
70	94-95	E093700-E138599	114-4953	174-9710K1	134-7029-3	194-5279	R84-827244A1	184-0001
75	75-84	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
75	96-99	E138600-0E369299	114-7509	174-2075K1	134-8302-3	194-5279	R84-828297A1	114-7509
75	96-99	E138600-0E369299	114-7509	174-2075K2	134-8302-3	194-5279	R84-828297A1	114-7509
80	77-84	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
80	83-84	W/CD-Alternator	116-5301	176-5095	136-6029-3	155-1450	R615744	182-4475R
85	83-85	All Models	116-5301	176-5095	136-6029-3	152-9209	R615744	182-4475R
85	86	A, L	116-5301	176-5095	136-6029-3	152-9209	R615744	182-4475R
85	87-88	All Models	116-3301	176-3095	136-3029-3	152-9209	R653744	182-4475R
85	89	B, C, D, E, F, G, H	116-8301	176-3095	136-3029-3	152-9209	R653744	182-4475R
85	86	B, C, M, N	116-3301	176-3095	136-6029-3	152-9209	R653744	182-4475R
85	89	L Drive	116-8301	176-3095	136-3029-3	155-1450	R695744	182-4475R
90	74-77	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
90	83-84	W/CD-Alternator	116-5301	176-5095	136-5029-4	155-1450	R615744	182-4475R
90	91	A, C, E	116-8301	176-3095	136-3029-3	155-1450	R653744-1	182-4475
90	90	All Models	116-8301	176-3095	136-3029-3	152-9209	R653744-1	182-4475R
90	90	L Drive A	116-8301	176-3095	136-3029-3	155-1450	R695744	182-4475R
90	91	L Drive B & D	114-7778	174-8778K1	134-7029-3	194-5279	R722744	184-0001
90	91	L Drive B & D	114-7778	174-9710K1	134-7029-3	194-5279	R722744	184-0001

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HP	Year	Model/Serial No.	Ign. Pack	Stator	Trigger	Rect/Reg	Harness	Ign. Coil
90	90	L Drive C	116-8301	176-3095	136-3029-3	155-1450	R723744	182-4475R
90	91	D	114-7778	174-8778K1	134-7029-3	194-5279	R84-817459A1	184-0001
90	91	D	114-7778	174-9710K1	134-7029-3	194-5279	R84-817459A1	184-0001
90	91	E000001-E009499	114-7778	174-8778K1	134-7029-3	194-5279	R84-817459A1	184-0001
90	91	E000001-E009499	114-7778	174-9710K1	134-7029-3	194-5279	R84-817459A1	184-0001
90	91	E009500-E039023	114-7778	174-8778K1	134-7029-3	194-5279	R84-823392A1	184-0001
90	91	E009500-E039023	114-7778	174-9710K1	134-7029-3	194-5279	R84-823392A1	184-0001
90	92-94	E039024-E093699	114-4953	174-8778K1	134-7029-3	194-5279	R84-823392A1	184-0001
90	92-94	E039024-E093699	114-4953	174-9710K1	134-7029-3	194-5279	R84-823392A1	184-0001
90	95	E093700-E138599	114-4953	174-8778K1	134-7029-3	194-5279	R84-827244A1	184-0001
90	95	E093700-E138599	114-4953	174-9710K1	134-7029-3	194-5279	R84-827244A1	184-0001
90	96-99	E138600-E369299	114-7509	174-2075K1	134-8302-3	194-5279	R84-828297A1	114-7509
90	96-99	E138600-E369299	114-7509	174-2075K2	134-8302-3	194-5279	R84-828297A1	114-7509
100	79-84	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
105	76	HB/BF/HF	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
105	77-78	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
105	82-83	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
115	77-82	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
115	83-84	W/CD-Alternator	116-5301	176-5095	136-5029-4	155-1450	R615744	182-4475R
120	76	BF/HF	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
120	77	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
120	90	L Drive A, B, C	116-8301	176-3095	136-4029-4	155-1450	R653744	182-4475R
120	90-91	E000001-E0006550	116-8301	176-3095	136-4029-4	155-1450	R653744-1	182-4475R
120	91-92	L Drive B, D	114-5772	174-8778K1	134-7029-4	194-5279	R722744	184-0001
120	91-92	L Drive B, D	114-5772	174-9710K1	134-7029-4	194-5279	R722744	184-0001
120	92-95	E006551-E139599	114-5772	174-8778K1	134-7029-4	194-5279	R827244A1	184-0001
120	92-95	E006551-E139599	114-5772	174-9710K1	134-7029-4	194-5279	R827244A1	184-0001
120	96-99	E138600-E369299	114-7509	174-2075K1	134-8303-4	194-5279	R84-828297A1	114-7509
120	96-99	E138600-E369299	114-7509	174-2075K2	134-8303-4	194-5279	R84-828297A1	114-7509
125	83-84	All Models	116-5301	176-5095	136-5029-4	152-9209	R615744	182-4475R
125	81-82	W/CD-Alternator	116-5301	176-5095	136-5029-4	155-1450	R615744	182-4475R
125	85	All Models	116-5301	176-5095	136-5029-4	152-9209	R616744	182-4475R
125	86	A	116-5301	176-5095	136-5029-4	152-9209	R616744	182-4475R
125	86	B	116-3301	176-3095	136-4029-4	152-9209	R653744	182-4475R
125	87-88	A, B, C	116-3301	176-3095	136-4029-4	152-9209	R653744	182-4475R
125	88	C	116-8301	176-3095	136-4029-4	152-9209	R653744	182-4475R
125	89	A, B, C, D, E	116-8301	176-3095	136-4029-4	152-9209	R653744	182-4475R
125	89	L Drive A, B, C	116-8301	176-3095	136-4029-4	155-1450	R695744	182-4475R
135	76	BF/HF	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
135	77	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
140	78-84	MagnaPower	115-3301	RF85095-2	135-4048	152-9209	R438744-1	182-5475
150	89-90	89A, 90C	116-8301	176-3095	136-4029-5	155-1450	R694744-2	182-4475R
150	90-92	90D, 91A	116-8301	176-3095	136-4029-5	155-1450	R721744	182-4475R
150	91-92	91B/C/D/F/J-92A/C	116-7323	176-4796K1	136-7029-5	194-5279	R84-817459A1	184-0001
150	91-92	91B/C/D/F/J-92A/C	116-7323	176-4796K1	136-7029-5	194-5279	R84-817459A1	184-0001
150	91-92	E000001-E009499	116-7323	176-4796K1	136-7029-5	194-5279	R84-817459A1	184-0001
150	92-94	E009500-E093699	116-7323	176-4796K1	136-7029-5	194-5279	R84-823392A1	184-0001

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
Please see the part number page for additional information that will help you identify your correct part.

Sears Engine Application Chart			
HP	Year	Serial No.	Ign. Pack
5	73-87	Engines manufactured by ESKA	R610851
5	88	225.58749, 225.587500, 225.587491, 225.587493	185-2370
5	89-93	225.587501, 225.587502, 225.587503, 225.587504	116-2379K 3
7.5	73-87	Engines manufactured by ESKA	110-0958
7.5	88	225.581750, 225.581751, 225.581980	185-2370
7.5	89	225.581750, 225.581751	185-2370
9.9	73-87	Engines manufactured by ESKA	110-0958
9.9	86-88	225.581980, 225.587990	185-2370
9.9	89-93	225.581490, 225.581491, 225.581494, 225.581495, 225.581500, 225.581501, 225.581981, 225.581984, 225.581985, 225.581991, 225.581993, 225.581994, 225.581995, 225.601991, 225.587993	116-2379K 2
9.9	93-94	225.581986, 225.581987, 225.581988, 225.581996, 225.581997, 225.581998	R819156T
15	80-85	Engines manufactured by ESKA	110-0958
15	86-88	225.587150, 225.587151, 225.581490, 225.581500	185-2370
15	89-93	225.581491, 225.581494, 225.581495, 225.581501, 225.581503, 225.581504, 225.581505, 225.584150, 225.584151, 225.602151, 225.582500, 225.582501	116-2379K 2
15	93-98	225.581496, 225.581497, 225.581498, 225.581506, 225.581507, 225.581508, 225.591490, 225.591500	R819156T
25	96-98	225.582500, 225.582501, 225.582591, 225.592500, 225.592590	R819156T

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
Please see the part number page for additional information that will help you identify your correct part.

**CDI Electronics®**

**IS PROUD TO BE  
ISO 9001 CERTIFIED**



*Attaining International certification demonstrates our dedication to continuous improvement in order to provide world-class customer service and assure the CDI Electronics brand remains synonymous with quality. We are proud to be one of the approximately 30,000 companies in the United States to achieve this elite status.*

**- Tim Bock, President/CEO of CDI Electronics**

ISO 9001 certification demonstrates CDI Electronics commitment to total quality management, customer focus, and a continuous improvement process approach which is implemented throughout the organization. Critical processes and their interactions are understood and documented, and a strong commitment from management is placed on all the facets of the ISO 9001 Quality Management System.

These quality management system facets are verified by an independent third party who understands ISO 9001 QMS as well as the industry which the organization operates.

**CDI Electronics®**  
**YAMAHA**

**BETTER THAN THE OEM**



**IGNITION PACKS** 116

**STATORS** 118

**RECTIFIERS** 119

**REGULATORS** 119

**IGNITION COIL** 120

**APPLICATION CHART** 121



**TECH SUPPORT 1.866.423.4832**  
**CUSTOMER SERVICE 1.800.467.3371**  
[cdielectronics.com](http://cdielectronics.com)

**NEW**

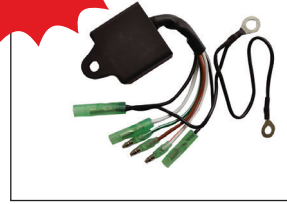


**117-0002  
Ignition Pack 4 Cyl.**

1990-2005 (115 & 130HP)

**Replaces**  
6N7-85540-00-00, 6N7-85540-01-00

**NEW**

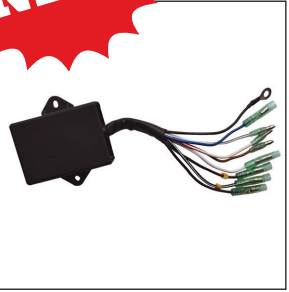


**117-0008  
CDI Unit Assembly 2 Cyl.**

1988-2002 (3HP)

**Replaces**  
6L5-85540-M0-00

**NEW**

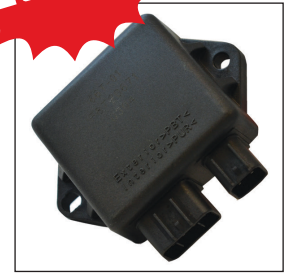


**117-0009  
CDI Unit Assembly  
2 Cyl.**

1991-1997 (C30HP)

**Replaces**  
61N-85540-10-00, 61N-85540-11-00,  
61N-85540-13-00

**NEW**



**117-0010  
Ignition Pack 2 Cyl.  
Yamaha Enduro**

1998-2017 (40HP)

**Replaces**  
66T-85540-01-00



**117-6301  
Ignition Pack 2 Cyl.**

1996-2010 (9.9 & 15HP)

**Replaces**  
804501 1, 63V-85540-00-00,  
3V-85540-01-00, 63V-85540-02-00



**117-63D-04  
Ignition Pack 3 Cyl.**

1995-2010 (40 & 50HP)

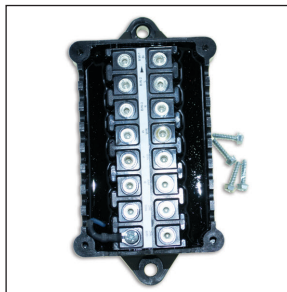
**Replaces**  
63D-85540-00-00, 63D-85540-01-00,  
63D-85540-02-00, 63D-85540-03-00,  
63D-85540-04-00



**117-6522  
Ignition Pack 2 Cyl.**

1989-1997 (E40 International Engine)

**Replaces**  
11737T, 11739T, 6F5-85540-21,  
6F5-85540-21-00, 6F5-85540-22,  
6F5-85540-22-00



**117-688-15  
Ignition Pack 3 Cyl.**

1984-1996 (75,85 & 90HP)

**Replaces**  
688-85540-12-00, 688-85540-13-00,  
688-85540-14-00, 688-85540-15-00,  
688-85540-16-00



**117-689-21  
Ignition Pack 2 Cyl.**

1984-1990 (25,30 & 40HP)

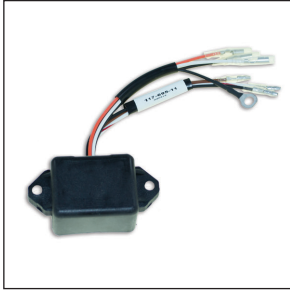
**Replaces**  
84872M, 84872T, 689-85540-20-00,  
689-85540-21-00, 689-85540-22-00,  
689-85540-29-00



**117-6921  
Ignition Pack 2 Cyl.**

1986-2005 (9.9HP)

**Replaces**  
825667, 825667T, 6G9-85540-21-00,  
6G9-85540-22-00, R825667, R825667T



**117-695-11**  
**Ignition Pack 2 Cyl.**

1984-1997 (9.9,15 & 25HP)

**Replaces**

TIA01-36, 43077M, 43077T,  
695-85540-10-00, 695-85540-11-00,  
695-85540-12-00



**117-696-12**  
**Ignition Pack 2 Cyl.**

1984-2004 (6 & 8 HP) 1995-2000 (48HP)

**Replaces**

41305M, 827165M, 696-85540-10-00,  
696-85540-11-00, 696-85540-12-00

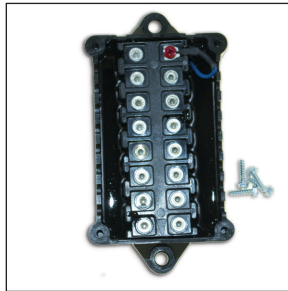


**117-6E0-71**  
**Ignition Pack 1 Cyl.**

1984-2001 (4 & 5 HP)

**Replaces**

6E0-85540-70-00, 6E0-85540-71-00,  
91707, 91707M

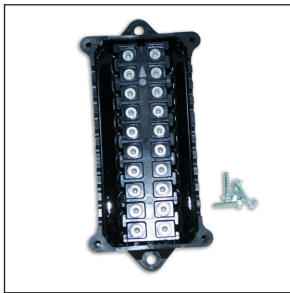


**117-6E5-12**  
**Ignition Pack 4 Cyl.**

1984-1996 (115 & 130HP)

**Replaces**

6E5-85540-10-00, 6E5-85540-11-00,  
6E5-85540-12-00, TIA04-08

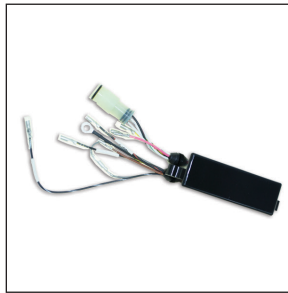


**117-6G5-12**  
**Ignition Pack 6 Cyl.**

1984-1989 (150,175,200 & 225HP)

**Replaces**

6G5-85540-10-00, 6G5-85540-11-00,  
6G5-85540-12-00



**117-6H3-11**  
**Ignition Pack 3 Cyl.**

1984-1988 (50 1999 (60HP) 1984-1991  
(70HP) HP)

**Replaces**

TIA03-12, TIA03-12A,  
6H3-85540-10-00, 6H3-85540-11-00



**117-6H4-21**  
**Ignition Pack 3 Cyl.**

1984-1988 (40 & 50HP)

**Replaces**

6H4-85540-20-00, 6H4-85540-21-00



**117-6H5-02**  
**Ignition Pack 3 Cyl.**

1989-1994 (40 & 50 HP)

**Replaces**

6H5-85540-02-00



**117-6J8-H1**  
**Ignition Pack 3 Cyl.**

1997-1998 (25HP) 1988-1999 (30HP)

**Replaces**

6J8-85540-H0-00, 6J8-85540-H1-00



**117-6J8-H2**  
**Ignition Pack 3 Cyl.**

1999-2002 (30HP)

**Replaces**

6J8-85540-H2-00

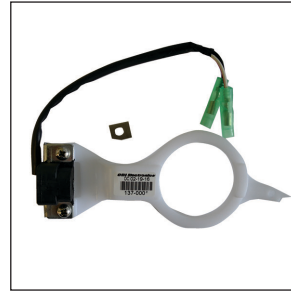


### 117-TIA02-12 Ignition Pack 2 Cyl.

Yamaha 1989-1994 (55HP) Mariner  
1977-1978 (48-60HP)

#### Replaces

TIA02-10, TIA02-12, 81542M,  
83030M, 83030T, 663-85540-14-00,  
663-85540-15-00



### 137-0001 Pulsar Coil 2 Cyl.

1996-2010 (9.9 & 15HP)

#### Replaces

63V-85580-00-00, 63V-85580-01-00,  
852864

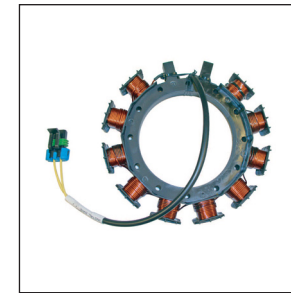


### 137-0003 Pulser Coil 2 Cyl. Yamaha Enduro

1998-2017 (40HP)

#### Replaces

66T-85580-00-00



### 174-0001 Stator 3/4 Cyl., 16 amp

Mercury (2002-2008 (30,50 & 60HP) 4-Stroke  
EFI Engines) Yamaha (2003-2005 (25 &  
30HP) 4-Stroke EFI Engines)

#### Replaces

398-878143A 5, 398-878143A05,  
398-878143T 3, 398-878143T 5,  
398-878143T03, 398-878143T05,  
R398-878143T 3, R398-878143T 5

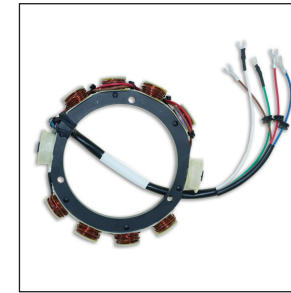


### 177-6351 Stator Coil 2 Cyl., 5 amp

1996-2010 (9.9HP)

#### Replaces

63V-85520-00-00, 63V-85520-01-00,  
852865

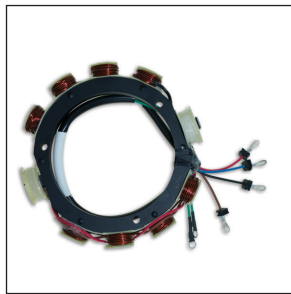


### 177-688-11 Stator 3 Cyl., 15 amp

1988-2000 (75,85 & 90HP)

#### Replaces

688-85510-10-00, 688-85510-11-00

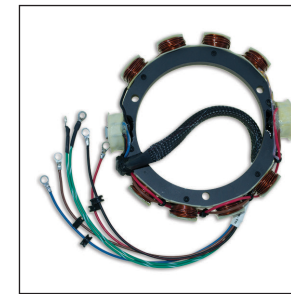


### 177-6E5-10 Stator 4 Cyl., 15 amp

1984-1999 (115 & 130HP)

#### Replaces

6E5-85510-10-00, 6E5-85510-11-00

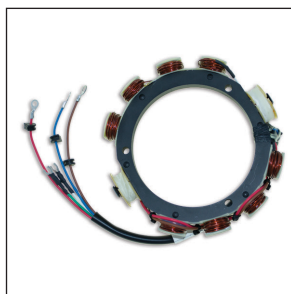


### 177-6G5-10 Stator 6 Cyl., 15 amp

1984-1989 (150,175,200 & 225HP)

#### Replaces

6G5-85510-10-00, 6G5-85510-11-00

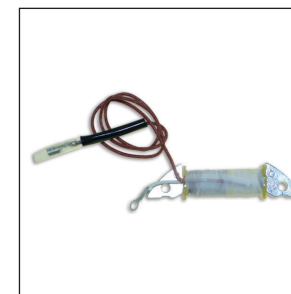


### 177-6H1-00 Stator 3 Cyl., 15 amp

1991 (90 ETLD, TLRP & TIRP HP)

#### Replaces

6H1-85510-00-00



### 177-8940 Stator Coil 2 Cyl., 5 amp

1984-1990 (30HP)

#### Replaces

84879M, R84879T, 689-81311-40-00,  
84879T



**157-664-61**  
**Rectifier 1/2/3 Cyl.**

1984-2001 (4 & 5HP - 1 Cyl.) 1984-2010 (6,8,9,9,15,20,25, 30 & 40HP - 2 Cyl.) 1984-1999 (40,50,55,60 & 70HP - 3 Cyl.)

**Replaces**

810937M, 814995M, 81652M, 84329M, 6E9-81970-70-00, 6G1-81970-00-00, 6G1-81970-60-00, 6G1-81970-61-00, 6G1-81970-62-00, 6G1-81970-A0-00, 664-81970-60-00, 664-81970-61-00, 664-81970-62-00, 676-81970-00-00



**194-0001**  
**Voltage Regulator, 4 Cyl.**

75-115HP (4-stroke) Mercury Engines 50-90HP (2005-2006) 115HP (2000-2006) (4-stroke) Yamaha Engines

**Replaces**

881346T, 68V-81960-00-00, 6D3-81960-00-00

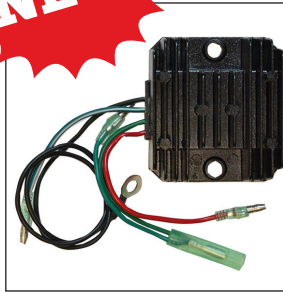


**197-0001**  
**Voltage Regulator 4/6 Cyl.**

1990-2005 ( 115 & 130HP - 4 Cyl.) 1990-2005 (150,175, & 200HP - 6 Cyl.)

**Replaces**

6R3-81960-00-00, 6R3-81960-10-00



**197-0002**  
**Voltage Regulator 3/4 Cyl. Yamaha**

1997-2000 (75 & 80HP) 1994-1999 (90HP) 1997-2001(90 & 115HP)

**Replaces**

6H0-81960-00-00



**197-6G5-A0**  
**Voltage Regulator 2/4/6 Cyl.**

1984-1996 (75,85 & 90HP - 3 Cyl.) 1988-1996 (115 & 130HP - 4 Cyl.) 1984-1997 (150,175,200 & 225 HP - 6 Cyl.)

**Replaces**

688-81960-61-00, 6G5-81960-A0-00

Redesigned for use with maintenance free batteries



**941-0606-B**  
**6 Ft. Black Battery Cable**



**941-0606-R**  
**6 Ft. Red Battery Cable**



**857-1950**  
**Tilt/Trim Relay Assembly**

40 amp for Trim/Tilt

**Replaces**

6G5-81950-01-00, 6F5-81950-01-00



**941-0608-B**  
**8 Ft. Black Battery Cable**



**941-0608-R**  
**8 Ft. Red Battery Cable**

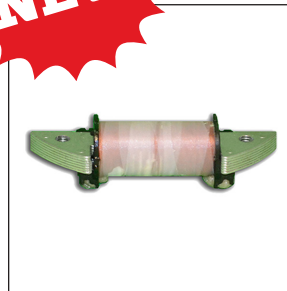


**177-0002**  
**Lighting Coil 2 Cyl.**

1996-Up (9.9 & 15HP)

**Replaces**

63V-85533-00-00



**177-0008**  
**Charge Coil 2 Cyl.**

Wave Raider RA700 (1994-1997) Wave Raider Deluxe (1995) Wave Venture WVT700 (1995-1998) WRA700 (1997) Super Jet SJ700 (96-06) Wave Runner XL700 (1999-2004)

**Replaces**

62T-85520-00-00, 62T-85520-01-00



**NEW**



**177-0009  
Lighting Coil 2 Cyl.**

1993-1997 (C30)

**Replaces**  
61N-81313-09-00

**NEW**



**177-0010  
Charge Coil 3 Cyl.**

1984-2000 (60 & 70HP)

**Replaces**  
6H3-85520-00-00

**NEW**



**177-0012  
Charge Coil 2 Cyl.  
Yamaha Enduro**

1998-2017 (40HP)

**Replaces**  
66T-85520-00-00

**NEW**



**177-0013  
Lighting Coil 2 Cyl.  
Yamaha Enduro**

1998-2017 (40HP)

**Replaces**  
66T-85533-00-00



**187-0005  
Ignition Coil 2 Cyl.**

1991-2010 (9.9,15,20,25 & 30HP - 2 Cyl.)  
1994-2004 (115 & 130 - 4 Cyl.) 1994-2004  
(150 & 175HP - 6 Cyl.)

**Replaces**  
65E-85570-00-00, 18-5119,  
63V-85570-00-00, 61N-85570-00-00

**NEW**



**187-0007  
Snowmobile Ignition  
Coil 2 Cyl.**

1994-1995 (FX-1 & FX700) Snowmobile

**Replaces**  
62L-85570-00-00

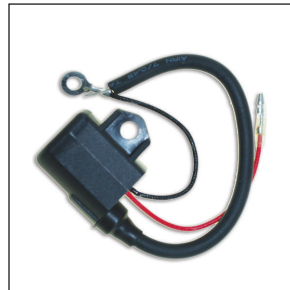
**NEW**



**187-0011  
Ignition Coil 2 Cyl.  
Yamaha Enduro**

1998-2017 (40HP)

**Replaces**  
66T-85570-00-00



**187-6391  
Ignition Coil**

1994-1998 (200HP) 1998-1999 (B115HP)  
1997-1995 (C115HP) 1994-2008 (115-225HP)

**Replaces**  
6R3-85570-01-00



**187-6511  
Ignition Coil 4/6 Cyl.**

1984-1999 (115 & 130HP - 4 Cyl.) 1984-1989  
(150,175 & 200HP - 6 Cyl.)

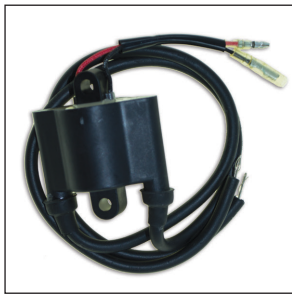
**Replaces**  
6E5-85570-10-00, 6E5-85570-11-00



**187-7711  
Ignition Coil**

Fist Most: 15HP Engines

**Replaces**  
677-82310-11-00



**187-8009**  
**Ignition Coil 2 Cyl.**

1990 (25HP)

**Replaces**

680-85570-00-00, 680-85570-01-00,  
680-85570-02-00



**187-9711**  
**Ignition Coil 3 Cyl.**

1984-2005 (60,75,80 & 90HP)

**Replaces**

697-85570-10-00, 697-85570-11-00

Includes: Plug Wire and Hardware

HP	Year	Stk.	Model	Cyl.	Ign. Pack	Stator	Trigger	Rectifier	Ign.Coil
2	95-02	2	MSH	1	6A1-85540-01-00**	6A1-85520-01-00**	SelfTriggered	-	6A1-85570-00-00**
2.5	03-18	4	F2.5	1	69M-85640-00-00**	Magneto	SelfTriggered	-	In CD
3	88-02	2	LD, LF, LG, ML, MS, SD, SF, SG	1	117-0008	6E0-85520-70-00**	6L5-85592-M0-00**	-	6L5-85570-M-00**
4	1984	2	LN, SN	1	117-6E0-71	6E0-85520-70-00** 6E0-81303-80-00**	6E0-85592-70-00**	157-664-61	6E0-85570-21-00
4	1985	2	LK, SK	1	117-6E0-71	6E0-85520-70-00** 6E0-81303-80-00**	6E0-85592-70-00**	157-664-61	6E0-85570-21-00
4	1986	2	LJ, SJ	1	117-6E0-71	6E0-85520-70-00** 6E0-81303-80-00**	6E0-85592-70-00**	157-664-61	6E0-85570-21-00
4	1987	2	LH, SH	1	117-6E0-71	6E0-85520-70-00** 6E0-81303-80-00**	6E0-85592-70-00**	157-664-61	6E0-85570-21-00
4	99-08	4	F4	1	67D-85640-00-00**	Magneto	Self Triggered	-	In CD
4	09-18	4	F4	1	6BV-85571-01-00**	Magneto	Self Triggered	-	In CD
5	84-85	2	SN, SK, LN, LK	1	117-6E0-71	6E0-85520-70-00** 6E0-81303-40-00**	R6E0-85592-70*(A) R6E0-85595-70*(B)	157-664-61	6E0-85570-21-00**
5	91-02	2	ML, MS	1	117-6E0-71	6E0-85520-70-00** 6E0-81303-40-00**	R6E0-85592-70*(A) R6E0-85595-70*(B)	157-664-61	6E0-85570-00-00**
6	86-95	2	LD, LF, LG, LK, LN, ML, MS, SD, SF, SG, SK, SN	2	117-696-12	R6E7-85520-70-00* R6E7-81303-A0-00**	6E7-85580-70-00**	-	6G1-85570-00-00**
6	96-00	2	MS, ML	2	117-696-12	R6E7-85520-70-00* R6E7-81303-A0-00*	6E7-85580-70-00**	-	6G1-85570-02-00**
6	01-18	4	F6	2	68R-85540-00-00**	R68T-85520-00-00* R68T-85533-00-00*	68T-85580-01-00**	68T-81960-00-00*	187-8009
84-10	84-10	2	SN, LN, SK, LK, LJ, SJ, SH, LH, SG, LG, LF, SF, LD, SD, MS, ML	2	117-696-12	R6E7-85520-70-00* R6E7-81303-A0-00*	6E7-85580-70-00**	157-664-61	6G1-85570-02-00**
8	01-11	4	F8, T8	2	68T-85540-00-00**	R68T-85520-00-00* R68T-85533-10-00*	68T-85580-01-00**	68T-81960-00-00**	187-8009
8	12-15	4	F8A, F8B	2	68T-85540-00-00**	R68T-85520-00-00* R68T-85533-10-00*	68T-85580-01-00**	68T-81960-00-00**	187-8009
9.9	84-95	2	EL, ES, SN, LN, SK, LK, SJ, SH, LH, LF, LD, SD, ML, MS	2	117-695-11	R6E7-85520-70-00* R6E7-81303-A0-00*	6E7-85580-70-00**	157-664-61	187-8009
9.9	85-91	4	F9.9	2	117-6921	R6G8-85520-00-00* R6G9-81303-F0-00*	6G8-85580-01-00**	6G8-81960-A1-00**	6G8-85570-21-00**
9.9	92-06	4	F9.9	2	117-6921	6G9-85510-01-00**	6G8-85580-02-00**	6G8-81960-A1-00**	6G8-85570-21-00**
9.9	92-06	4	T9.9	2	117-6921	R6G8-85520-01-00*	68T-85580-02-00**	6G8-81960-A1-00**	680-85570-21-00**
9.9	96-10	2	EL, ES, ML, MS, X, ML, MX	2	117-6301	177-6351 177-0002	137-0001	6G8-81960-A1-00**	187-0005

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# Yamaha Application Charts

HP	Year	Stk.	Model	Cyl.	Ign. Pack	Stator	Trigger	Rectifier	Ign.Coil
9.9	2005	4	F9.9	2	66M-85540-01-00**	R66M-85520-00-00* R66M-85533-00-00* R66M-85533-10-00*	66M-85580-00-00**	6G8-81960-A1-00**	66M-85570-00-00**
9.9	85-91	4	FT	2	6G8-85540-22-00**	R6G8-85520-00-00* R6G8-81303-J0-00*	6G8-85580-01-00**	6G8-81960-A1-00**	6G8-85570-21-00**
9.9	92-06	4	FT	2	6G8-85540-22-00**	6G8-85510-01-00**	6G8-85580-02-00**	6G8-81960-A1-00**	6G8-85570-21-00**
9.9	07-20	4	F9.9	2	68T-85540-00-00**	R68T-85520-00-00* R68T-85533-10-00*	68T-85580-01-00**	68T-81960-00-00**	187-0009
15	84-95	2	EL, ES, LH, LJ, LK, LN, SH, SJ, SK, SN	2	117-695-11	R6E7-85520-70-00* R6E7-81303-A0-00*	6E7-85580-70-00**	157-664-61	187-0009
15	96-10	2	EL, ES, ML, MS	2	117-6301	177-6351 177-0002	137-0001	157-664-61	187-0005
15	98-07	4	F15	2	66M-85540-01-00**	R66M-85520-00-00* R66M-85533-00-00* R66M-85533-10-00*	66M-85580-00-00**	6G8-81960-A1-00**	66M-85570-00-00**
15	2020	4	F15	2	6AH-85540-00-00**	6AH-85510-00-00**	6AH-85580-00-00**	6AH-81960-00-00**	6F5-85570-13-00**
20	96-97	2	ML, MS	2	R6L2-85540-23-00	R6L2-85520-12-00* R6L2-85533-10-00*	6L2-85580-10-00** 6L2-85580-20-00**	157-664-61	187-0005
20	07-19	4	F20, F20A	2	6AH-85540-00-00**	6AH-85510-00-00**	6AH-85580-00-00**	6AH-81960-00-00**	6F5-85570-13-00**
20	19-20	4	F20B	2	6HY-8591A-00-00**	6FM-81410-00-00**	6CB-85580-00-00**	6FM-81960-00-00**	6F5-85570-13-00**
25	84-87	2	EL, ES, LH, SH, SN, SK, LK, LJ	2	117-689-21	177-8940 R689-81303-A0-00*	689-85580-40-00**	157-664-61	689-85570-20-00**
25	88-93	2	EL, ES, LD, LF, LG, ML, MS, SD, SF, SG	2	6L2-85540-10-00**	R6L2-85520-11-00*	6L2-85580-10-00**	157-664-61	6L2-85570-10-00**
25	90	2	CV25	2	117-695-11	R695-85520-70-00* R695-81303-A0-00*	R695-85580-70-00*	157-664-61	187-8009
25	91-97	2	C25	2	117-695-11	R695-85520-70-00* R695-81303-A0-00*	R695-85580-70-00*	157-664-61	6E7-85570-17-00**
25	94-10	2	EL, ES, ML, MS	2	R6L2-85540-23-00*	R6L2-85520-12-00* R6L2-85533-10-00*	6L2-85580-10-00** 6L2-85580-20-00**	157-664-61	187-0005
25	97-98	2	EL, ES, ML, MS	3	117-6J8-H1	R6H4-85520-01-00* R6H4-85533-A1-00*	6H4-85510-F9-00**	-	6H4-85570-20-00**
25	98-06	4	F25	2	65W-85540-20-00**	174-2387	65W-85580-00-00**	194-5279	65W-85570-01-00**
25	99-02	2	ML, MS	3	117-6J8-H1	R6H4-85520-01-00* R6H4-85533-A1-00*	6H4-85510-FA-00**	6J8-81960-00-00**	6J8-85570-21-00**
25	01-07	4	T25	2	65W-85540-20-00**	174-2387	65W-85580-00-00**	194-5279	65W-85570-01-00**
25	10-19	4	F25A	2	6BL-85540-00-00**	6BL-85510-10-00**	6AH-85580-00-00**	6BL-81960-00-00**	6F5-85570-13-00**
25	10-19	4	T25	2	6BL-85540-00-00**	6BL-85510-10-00**	6AH-85580-00-00**	6BL-81960-00-00**	6F5-85570-13-00**
25	13-19	4	F25B	2	6BL-85540-00-00**	6BL-85510-10-00**	6AH-85580-00-00**	6BL-81960-00-00**	6F5-85570-13-00**
25	17-20	4	F25C	2	6FM-8591A-02-00**	6FM-81410-00-00**	6CB-85580-00-00**	6FM-81960-00-00**	6F5-85570-13-00**
30	84-87	2	EL, ES, LH, SH	2	117-689-21	177-8940 R689-81303-A0-00*	689-85580-40-00**	157-664-61	689-85570-21-00**
30	88-98	2	EL, ES, ML, MS	3	117-6J8-H1	R6H4-85520-20-00* R6J8-85520-00-00*	6H4-85510-F1-00**	-	6H4-85570-21-00**
30	89-90	2	CV30	2	117-689-21	177-8940 R689-81303-A0-00*	R689-85580-40-00*	157-664-61	689-85570-20-00**
30	91-97	2	C30	2	117-0009	R61N-85541-09-00 177-0009	R61N-85543-09-00*	157-664-61	187-0005
30	99-02	2	EL, ES, ML, MS	3	117-6J8-H2	R6H4-85520-01-00* R6H4-85533-A1-00*	6H4-85510-F1-00**	6J8-81960-00-00**	6H4-85570-21-00**
30	01-06	4	F30	3	67C-85540-01-00**	174-2387	65W-85580-00-00**	194-5279	67C-85570-00-00**
30	14-20	4	F30	3	6BT-8591A-03-00**	6BG-81410-00-00**	6AH-85580-00-00**	6BG-81960-00-00**	6BG-85570-00-00**

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# Yamaha Application Charts

HP	Year	Stk.	Model	Cyl.	Ign. Pack	Stator	Trigger	Rectifier	Ign.Coil
40	84-88	2	LN, SN, EL, ES, LK, ET, SK, LJ, SJ, SH, SG, LG	3	117-6H4-21	R6H4-85520-00-00* R6H4-81303-A0-00*	6H4-85510-F0-00**	157-664-61	6H4-85570-21-00**
40	89-94	2	EL, EJ, ES, ETL, LD, LF, MJ, ML, MS, PL, SD, SF, TL	3	117-6H5-02	R63D-85520-00-00* R6H5-85533-01-00*	6H5-85580-00-00** 6H5-85580-10-00** 6H5-85580-20-00**	157-664-61	6H5-85570-00-00**
40	1990	2	CV40	2	117-689-21	177-4890 R6A0-81303-A0-00*	689-85580-40-00**	6A0-85548-00-00**	689-85570-20-00**
40	91-97	2	C40	2	117-689-21	177-4890 R6A0-81303-A0-00*	689-85580-40-00**	6A0-85548-00-00**	689-85570-20-00**
40	95-01	2	EJ, EL, ES, MJ, ML, MS, TL	3	117-63D-04	R63D-85520-01-00* R63D-85533-00-00*	63D-85580-00-00**	6H2-81960-00-00**	6H5-85570-00-00**
40	98-03	2	C40	3	117-63D-04	R63D-85520-00-00* R63D-85533-10-00*	63D-85580-00-00**	6H2-81960-00-00**	6H5-85570-00-00**
40	02-06	2	EL, ES, MJ, ML, MS, TL	3	117-63D-04	R63D-85520-00-00* R63D-85533-10-00*	63D-85580-00-00**	6H2-81960-10-00**	6H5-85570-00-00**
48	1995	2	E48	2	117-696-12	R6E7-85520-70-00* R696-81303-F0-00*	6E7-85580-70-00**	157-664-61	187-8009
48	96-00	2	E48	2	117-696-12	R6E7-85520-70-00* R696-81303-F0-00*	6E7-85580-70-00**	157-664-61	696-85570-12-00**
50	84-88	2	ET, EL, ES	3	117-6H4-21	R6H4-85520-00-00* R6H4-81303-A0-00*	6H4-85510-F0-00**	157-664-61	6H4-85570-21-00**
50	89-94	2	EL, EJ, ES, ETL, LD, LF, MJ, ML, MS, PL, SD, SF, TL*	3	117-6H5-02	R63D-85520-01-00* R6H5-85533-01-00*	6H5-85580-00-00** 6H5-85580-10-00** 6H5-85580-20-00**	157-664-61	6H5-85570-00-00**
50	95-99	2	EJ, EL, TL	3	117-63D-04	R63D-85520-00-00* R63D-85533-00-00*	63D-85580-00-00**	6H2-81960-00-00**	6H5-85570-00-00**
50	00-10	2	EJ, TL	3	117-63D-04	R63D-85520-00-00* R63D-85533-10-00*	63D-85580-00-00**	6H2-81960-10-00**	6H5-85570-00-00**
50	05-19	4	F50	4	6C1-8591A-10-00**	6C5-81410-01-00**	62Y-85580-00-00**	194-0001	63P-82310-01-00**
55	89-90	2	CV55	2	117-TIA02-12	R663-85541-A0-00* R663-81313-A0-00*	663-85565-A0-00**	157-664-61	187-9711
55	91-95	2	C55	2	117-TIA02-12	R663-85541-A0-00* R663-81313-A0-00*	663-85565-A0-00**	157-664-61	697-85570-11-00**
60	91-99	2	P60	2	117-TIA02-12	R6H3-85520-00-00* R6H3-85533-00-00*	6H3-85510-A1-00**	157-664-61	6H3-85570-10-00**
60	95-00	2	E60	3	117-6H3-11	R6H3-85520-00-00*	6H3-85510-A1-00**	-	6H3-85570-10-00**
60	96-01	2	C60	3	6H2-85540-13-00**	R6H2-85520-02-00* R6H2-85533-00-00*	6H2-85580-01-00**	6H2-81960-10-00**	187-6391
60	01-06	2	TL	3	6H2-85540-13-00**	R6H2-85520-01-00* R6H2-85533-01-00*	6H2-85580-01-00**	6H2-81960-10-00**	187-6391
60	02-04	4	F60	4	69W-85540-00-00**	64J-85510-00-00**	62Y-85580-00-00**	64J-81960-10-00**	62Y-85570-00-00**
60	05-19	4	F60	4	6C5-8591A-35-00**	6C5-81410-01-00**	62Y-85580-00-00**	194-0001	63P-82310-01-00**
70	84-90	2	ET	3	117-6H3-11	177-0010 R6H3-81303-A0-00*	6H3-85510-A1-00**	157-664-61	6H3-85570-10-00**
70	1991	2	P60	3	117-6H3-11	177-0010 R6H3-81303-A0-00*	6H3-85510-A1-00**	157-664-61	6H3-85570-10-00**
70	1991	2	TL	3	117-6H3-11	R6H3-85520-00-00* R6H3-85533-00-00*	6H3-85510-A1-00**	157-664-61	6H3-85570-10-00**
70	1992	2	TL	3	6H2-85540-A7-00**	R6H2-85520-00-00* R6H2-85533-00-00*	6H2-85580-00-00** 6H2-85895-00**(I)	6H2-81960-00-00**	187-6391
70	93-94	2	TL	3	6H2-85540-B8-00**	R6H2-85520-00-00* R6H2-85533-00-00*	6H2-85580-00-00** 6H2-85895-00-00**	6H2-81960-00-00**	187-6391
70	95-96	2	TL	3	6H2-85540-B8-00**	R6H2-85520-02-00* R6H2-85533-00-00*	6H2-85580-01-00** 6H2-85895-01-00**	6H2-81960-00-00**	187-6391
70	97-10	2	TL	3	6H2-85540-13-00**	R6H2-85520-02-00* R6H2-85533-00-00*	6H2-85580-01-00** 6H2-85895-01-00**	6H2-81960-10-00**	187-6391
70	00-01	2	C70	3	6H2-85540-13-00**	R6H2-85520-02-00* R6H2-85533-01-00*	6H2-85580-01-00** 6H2-85895-01-00**	6H2-81960-10-00**	187-6391

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HP	Year	Stk.	Model	Cyl.	Ign. Pack	Stator	Trigger	Rectifier	Ign.Coil
70	11-19	2	F70	4	6CJ-8591A-02-00**	6C5-81410-01-00**	62Y-85580-00-00**	194-0001	63P-82310-01-00**
75	94-96	2	C75	3	177-688-15	177-688-11	688-85580-12-00**	197-6G5-A0	688-85570-11-00**
75	95-96	2	E75	3	117-688-15	177-688-11	688-85580-12-00**	692-81910-61-00**	688-85570-11-00**
75	96-99	2	P75	3	6H0-85540-07-00**	6H0-85510-01-00**	6H0-85580-01-00**	197-0002	187-6391
75	97-00	2	E75	3	688-85540-00-00**	688-85510-00-00**	688-85580-00-00**	197-0002	187-6391
75	98-99	2	C75	3	6H0-85540-07-00**	R6H0-85510-01-00*	6H0-85580-01-00** 6H2-85895-00*(I)	197-0002	187-6391
75	03-04	4	F75	4	62P-85540-00-00**	67F-85510-01-00**	67F-85580-00-00**	67F-81960-12-00**	67F-85570-00-00**
75	05-10	4	F75	4	6D6-8591A-16-00**	6D8-81410-00-00**	6D8-85580-00-00**	194-0001	63P-82310-01-00**
75	11-18	4	F75A	4	6D6-8591A-16-00**	6D8-81410-00-00**	6D8-85580-00-00**	6D8-81960-10-00**	63P-82310-01-00**
75	18-19	4	F75B	4	6HV-8591A-00-00**	6FP-81410-00-00**	6CB-85580-00-00**	6EK-81960-02-00**	6FP-82310-00-00**
80	1997	2	C80	3	6H0-85540-06-00**	R6H0-85510-01-00*	6H0-85580-01-00** 6H2-85895-00-00**	197-0002	187-9711
80	99-03	4	F80	4	67F-85540-00-00**	67F-85510-01-00**	67F-85580-00-00**	67F-81960-12-00**	67F-85570-00-00**
85	89-90	2	CV85	3	117-688-15	177-688-11	688-85580-12-00**	197-6G5-A0	688-85570-11-00**
85	91-96	2	C85	3	117-688-15	177-688-11	688-85580-12-00**	197-6G5-A0	688-85570-11-00**
90	84-91	2	ET, TL, TJ	3	117-688-15	177-688-11	688-85580-12-00**	197-6G5-A0	187-9711
90	92-99	2	TL, TJ	3	6H0-85540-07-00**	R6H0-85510-01-00**	6H0-85580-01-00**	197-0002	187-6391
90	97-01	2	C90	3	6H0-85540-07-00**	R6H0-85510-01-00*	6H0-85580-01-00** 6H2-85895-00-00**	197-0002	187-6391
90	00-10	2	TJ, TL	3	6H0-85540-07-00**	R6H0-85510-03-00*	6H0-85580-01-00** 6H2-85895-01-00**	197-0002	187-6391
90	03-04	4	F90	4	67F-85540-03-00**	67F-85510-01-00**	67F-85580-00-00**	67F-81960-12-00**	67F-85570-00-00**
90	05-12	4	F90	4	6D8-8591A-16-00**	6D8-81410-00-00**	6D8-85580-00-00**	194-0001	63P-82310-01-00**
90	13-18	4	F90A	4	6D8-8591A-16-00**	6D8-81410-00-00**	6D8-85580-00-00**	6D8-81960-10-00**	63P-82310-01-00**
90	17-19	4	F90B	4	6HJ-8591A-00-00**	6FP-81410-00-00**	6CB-85580-00-00**	6EK-81960-02-00**	6FP-82310-00-00
90	2019	4	VF90A	4	6HK-8591A-00-00**	6FP-81410-00-00**	6CB-85580-00-00**	6EK-81960-02-00**	6FP-82310-00-00
100	99-03	4	F100	4	67F-85540-00-00**	67F-85510-01-00**	67F-85580-00-00**	67F-81960-12-00**	67F-85570-00-00**
115	84-89	2	ET	4	117-6E5-12	177-6E5-10	6E5-85580-11-00**	197-6G5-A0	187-6511
115	90-05	2	ET,TJ,TL, TX	4	117-0002	6N7-85510-00-00**	6E5-85580-00-00**	197-0001	187-6391
115	91-96	2	C115	4	117-6E5-12	177-6E5-10	6E5-85580-12-00**	197-6G5-A0	187-6511
115	93-96	2	P115	4	117-0002	6N7-85510-00-00**	6E5-85580-00-00**	197-0001	187-6391
115	97-98	2	S115	4	117-0002	6N7-85510-00-00**	6E5-85580-00-00**	197-0001	187-6391
115	97-99	2	C115	4	6E5-85540-00-00**	6E5-85510-00-00**	6E5-85580-00-00**	197-0002	187-6391
115	98-99	2	B115	4	117-0002	6N7-85510-00-00**	6E5-85580-00-00**	197-0001	187-6391
115	2000	2	C115	4	117-0002	6N7-85510-00-00**	6E5-85580-00-00**	197-0001	187-6391
115	00-03	4	F115, LF115	4	68V-8591A-14-00**	68V-81410-00-00**	68V-85580-00-00**	194-0001	68V-82310-01-00**
115	2004	4	F115, LF115	4	68V-8591A-22-00**	68V-81410-00-00**	68V-85580-00-00**	194-0001	68V-82310-01-00**
115	2005	4	F115, LF115	4	6C1-8591A-35-00**	6C5-81410-01-00**	6C5-85561-00-00**	194-0001	63P-82310-01-00**
115	2006	4	F115, LF115	4	68V-8591A-22-00**	68V-81410-00-00**	68V-85580-00-00**	194-0001	68V-82310-01-00**
115	06-10	2	TX, TL	4	117-0002	6N7-85510-00-00**	6N7-85580-10-00	197-0001	187-6391
115	07-11	4	F115, LF115	4	68V-8591A-43-00**	68V-81410-00-00**	68V-85580-00-00**	194-0001	68V-82310-01-00**
115	12-14	4	F115, LF115	4	68V-8591A-72-00**	68V-81410-00-00**	68V-85580-00-00**	194-0001	68V-82310-01-00**
115	15-19	4	F115, LF115	4	6EK-8591A-01-00**	6EK-81410-00-00**	6EK-85561-00-00**	6EK-81960-02-00**	68V-82310-01-00**
115	16-20	4	VF115	4	6FN-8591A-01-00**	6EK-81410-00-00**	6EK-85561-00-00**	6EK-81960-02-00**	6P2-82310-01-00**
130	88-89	2	ET	4	117-6E5-12	177-6E5-10	6E5-85580-12-00**	197-6G5-A0	187-6511
130	90-01	2	L130, S130	4	117-0002	6N7-85510-00-00**	6E5-85580-00-00**	197-0001	187-6391
130	90-04	2	ET,TJ,TL, TX	4	117-0002	6N7-85510-00-00**	6E5-85580-00-00**	197-0001	187-6391
150	84-89	2	ET	6	117-6G5-12	177-6G5-10	6G5-85580-11-00** 6G5-85580-13-00**	197-6G5-A0	187-6511
150	86-89	2	PROV150	6	117-6G5-12	177-6G5-10	6G5-85580-13-00**	197-6G5-A0	187-6511
150	1990	2	PROV150	6	62H-85540-00-00**	6R3-85510-00-00**	6R3-85580-00-00**	197-0001	187-6391
150	90-95	2	ET,TJ,TL, TX	6	62H-85540-00-00**	R6R3-85510-00-00*	6R3-85580-00-00**	197-0001	187-6391
150	91-95	2	P150	6	62H-85540-00-00**	R6R3-85510-00-00*	6R3-85580-00-00**	197-0001	187-6391

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
Please see the part number page for additional information that will help you identify your correct part.



# Yamaha Application Charts

Yamaha

Application Charts

HP	Year	Stk.	Model	Cyl.	Ign. Pack	Stator	Trigger	Rectifier	Ign.Coil
200	96-98	2	TL	6	64E-85540-01-00**	6R3-85510-00-00**	64D-85580-00-00**	197-0001	187-6391
200	96-99	2	L200, S200	6	64E-85540-00-00**	6R3-85510-00-00**	64D-85580-00-00**	197-0001	187-6391
200	96-99	2	P200	6	64E-85540-01-00**	6R3-85510-00-00**	64D-85580-00-00** 61A-85895-01-00**	197-0001	187-6391
200	98-99	2	V200	6	66X-85540-01-00**	65L-85510-10-00**	61A-85580-01-00**	61A-81960-01-00**	61A-85570-00-00**
200	99-05	2	LX200, SX200	6	67H-85540-01-00**	65L-85510-10-00**	61A-85580-01-00**	67H-81960-03-00**	61A-85570-00-00**
200	00-05	2	VX200	6	66X-85540-01-00**	65L-85510-10-00**	61A-85580-01-00**	61A-81960-04-00**	61A-85570-00-00**
200	00-05	2	Z200, LZ200	6	68F-8591A-20-00**	68F-81410-00-00**	60V-85580-10-00**	68F-81960-03-00**	68F-82310-11-00**
200	13-17	4	F200B, LF200B	6	6DA-8591A-02-00**	6DA-81410-00-00**	6CB-85580-00-00**	6DV-81960-00-00**	6CB-82310-00-00**
200	14-15	4	F200C, LF200C	4	6DV-8591A-02-00**	6DA-81410-00-00**	6CB-85580-00-00**	6DV-81960-00-00**	6CB-82310-00-00**
200	16-17	4	F200C, LF200C	4	6DV-8591A-10-00**	6DA-81410-00-00**	6CB-85580-00-00**	6DV-81960-00-00**	6CB-82310-00-00**
200	17-19	4	VF200 SHO	6	6CD-8591A-12-00**	6CB-81410-11-00**	6CB-85580-00-00**	6CB-81960-11-00**	6CB-82310-00-00**
200	18-19	4	F200B, LF200B	6	6DA-8591A-10-00**	6DA-81410-00-00**	6CB-85580-00-00**	6DA-81960-10-00**	6CB-82310-00-00**
200	18-19	4	F200C, LF200C	4	6DV-8591A-21-00**	6DA-81410-00-00**	6CB-85580-00-00**	6DV-81960-00-00**	6CB-82310-00-00**
200	01-02	2	VZ200	6	68F-8591A-30-00**	68F-81410-00-00**	60V-85580-10-00**	68F-81960-03-00**	68F-82310-01-00**
200	02-03	4	F200, LF200	6	60L-8591A-01-00**	69J-81410-10-00	69J-85580-00-00**	69J-81960-03-00**	69J-82310-00-00**
200	03-05	2	VZ200	6	60F-8591A-21-00**	68F-81410-00-00**	60V-85580-10-00**	68F-81960-01-00**	68F-82310-01-00**
200	2004	4	F200, LF200	6	60L-8591A-11-00**	69J-81410-10-00	69J-85580-00-00**	69J-81960-03-00**	69J-82310-00-00**
200	05-11	4	F200, LF200	6	60L-8591A-33-00**	69J-81410-10-00**	69J-85580-00-00**	69J-81960-03-00**	69J-82310-00-00**
200	06-10	2	VZ200	6	6P5-8591A-13-00**	60V-81410-02-00**	60V-85580-10-00**	60V-81960-05-00**	60V-82310-10-00**
200	06-13	2	Z200, LZ200	6	68F-8591A-G2-00**	68F-81410-00-00**	60V-85580-10-00**	68F-81960-03-00**	68F-82310-01-00**
200	10-16	4	VF200 SHO	6	6CD-8591A-04-00**	6CB-81410-00-00**	6CB-85580-00-00**	6CB-81960-01-00**	6CB-82310-00-00**
200	12-19	4	F200A & LF200A	6	6AL-8591A-14-00**	6P2-81460-00-00**	6P2-85580-00-00**	6P2-81960-03-00**	6P2-82310-01-00**
220	84-86	2	V6 SPECIAL	6	117-6G5-12	177-6G5-10	6G7-85580-11-00**	197-6G5-A0	187-6511
225	98-02	2	V225, VX225, VZ225	6	66K-85540-01-00**	65L-85510-10-00**	61A-85580-01-00**	61A-81960-04-00**	61A-85570-00-00**
225	87-89	2	V6 EXCEL	6	177-6G5-12	177-6G5-10	6K7-85580-10-00**	197-6G5-A0	187-6511
225	90-93	2	225, S225, L225	6	6R5-85540-00-00**	6R3-85510-00-00**	6R5-85580-00-00**	6R3-81960-10-00**	187-6391
225	94-96	2	225, S225, L225	6	62J-85540-02-00**	65L-85510-10-00**	61A-85580-01-00**	61A-81960-04-00**	61A-85570-00-00**
225	1997	2	225, S225, L225	6	64E-85540-01-00**	6R3-85510-00-00**	64D-85580-00-00**	6R3-81960-10-00**	187-6391
225	98-99	2	225, S225, L225	6	65L-85540-02-00**	65L-85510-10-00**	61A-85580-01-00**	61A-81960-04-00**	61A-85570-00-00**
225	00-03	2	SX225, LX225	6	65J-85540-02-00**	65L-85510-10-00**	61A-85580-01-00**	61A-81960-04-00**	61A-85570-00-00**
225	02-03	4	F225, LF225	6	69J-8591A-02-00**	69J-81410-10-00**	69J-85580-00-00**	69J-81960-03-00**	69J-82310-00-00**
225	03-04	2	V225, VX225, VZ225	6	60Y-8591A-02-00**	99999-03491-00**	60V-85580-10-00**	60V-81960-05-00**	68F-82310-01-00**
225	2004	4	F225, LF225	6	69J-8591A-11-00**	69J-81410-01-00**	69J-85580-00-00**	69J-81960-13-00**	69J-82310-00-00**
225	2005	2	V225, VX225, VZ225	6	60Y-8591A-10-00**	60V-81410-02-00**	60V-85580-10-00**	60V-81960-05-00**	68F-82310-01-00**
225	05-11	4	F225, LF225	6	69J-8591A-33-00**	69J-81410-10-00**	69J-85580-00-00**	69J-81960-13-00**	69J-82310-00-00**
225	06-10	2	V225, VX225, VZ225	6	60Y-8591A-23-00**	60V-81410-02-00**	60V-85580-10-00**	60V-81960-05-00**	68F-82310-01-00**
225	10-16	4	VF225 SHO	6	6CC-8591A-04-00**	6CB-81410-00-00**	6CB-85580-00-00**	6CB-81960-01-00**	6CB-82310-00-00**
225	11-13	4	VF225A, LF225A	6	6CL-8591A-01-00**	6CE-81410-00-00**	6CB-85580-00-00**	6CE-81960-01-00**	6CB-82310-00-00**
225	12-16	4	F225A, LF225A	6	6AS-8591A-13-00**	6P2-81460-00-00**	6P2-85580-00-00**	6P2-81960-03-00**	6P2-82310-01-00**
225	14-15	4	VF225A, LF225A	6	6CL-8591A-04-00**	6CE-81410-00-00**	6CB-85580-00-00**	6CE-81960-01-00**	6CB-82310-00-00**
225	16-19	4	VF225A, LF225A	6	6CL-8591A-21-00**	6CE-81410-00-00**	6CB-85580-00-00**	6CE-81960-01-00**	6CB-82310-00-00**
225	17-19	4	F225A, LF225A	6	6AS-8591A-14-00**	6P2-81460-00-00**	6P2-85580-00-00**	6P2-81960-11-00**	6P2-82310-01-00**
225	17-19	4	VF225 SHO	6	6CC-8591A-12-00**	6CB-81410-11-00**	6CB-85580-00-00**	6CB-81960-11-00**	6CB-82310-00-00**

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# TOHATSU & NISSAN

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**IGNITION PACKS** (128)

**COILS** (128)

**RECTIFIER** (129)

**IGNITION COILS** (129)

**APPLICATION CHART** (130)



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**CUSTOMER SERVICE 1.800.467.3371**  
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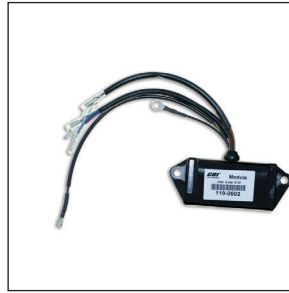




**119-0003**  
**CD Ignition Unit**

1976-2003 (8 & 9.8HP) 2-Stroke

**Replaces**  
F8T11073/7Y27, 3B2-061601M



**119-0602**  
**Ignition Pack 2 Cyl.**

1985-1994 (9.9,12,15 & 18 HP) 2-Stroke

**Replaces**  
362-06060-1, 36206-0601,  
362060601M, 362-06060-2,  
36206-0602, 362060602M,  
Kokusan CU-15



**119-2400**  
**Ignition Pack 2 Cyl.**

1980-1997(30,35,40,45,50,55,60 & 70HP)  
2-Stroke

**Replaces**  
3A3-06240-0, 3A306-2400,  
3A3062400M, 35306201M,  
353-06260-0, 35306-2600,  
353062600M, 35306-2601, 35306260-1,  
353-06260-2, 353062602M,  
35306-2602M, 362-06060-0,  
36206-0600, 362060600M,  
303-06240-0, 30306-2400



**119-2402**  
**Ignition Pack 2 Cyl.**

1983-1997 (25HP) 2-Stroke

**Replaces**  
3A106-22402, 3A1-06240-2,  
3A106-2402, 3A1062402M,  
3A1-06260-0, 3A106-2600,  
3A1062600M, 3A1-06260-1,  
3A106-2601, 3A1062601M,  
3A1-06260-2, 3A106-2602,  
3A1062602M, 346-06260-1,  
34606-2601, 346062601M,  
346-06260-2, 34606-2602, 346062602M



**119-3202**  
**Ignition Pack 2 Cyl.**

1997-2016 (9.9,15 & 18HP)

**Replaces**  
3G2-06060-2, 3G2060602M,  
3G206-0602M



**119-3G2-01**  
**Ignition Pack 2 Cyl.**

1993-1995 (9.9,15 & 18HP)

**Replaces**  
3A0060600M, 3A0-06060-1,  
3A0060601M, 3A0-60060-0,  
3G2-06060-1, 3G206-0601,  
3G2060601M, 3G2-06062-1,  
361-06060-0, 361060600M,  
361-06060-1, 361060601M



**859-5901**  
**Tilt Trim Relay**

**Replaces**  
3C7725901M



**139-0001**  
**Pulsar Coil 2 Cyl.**

2004-2013 (M40C)

**Replaces**  
3G2-06022-0, 3G2060220M



**179-0004**  
**Alternator Coil**

1996-2010 (35 & 40HP) Model C

**Replaces**  
3A0060230M



**179-0005**  
**Excitor Coil**

1996-2010 (35 & 40HP) Model C

**Replaces**  
3G2060210M



**179-0006**  
**Full Stator Plate Assembly**

1996-2010 (35 & 40HP) Model C

**Replaces**  
3A0060020



**158-9501**  
**Rectifier**

2 Wire Battery Charged Systems, Rectifier Only

**Replaces**

32800-95720, 32800-95D00, 32800-95D01, 3G2-76060-0, 3G276-0600, 3G2760600M, 3B2-76060-0, 3B276-0600, 3B2760600M, 3B276-0600M, 37176-0600, 362-76060-0, 36276-0600, 362760600M, 36276-0600M, 346-760060-0, 34676-0600, 346760600M, 346-76060-1, 34676-0601, 346760601M, 353-76060-1, 35376-0601, 353760601M, 35376-0601M, 361-76060-0, 361760600M, 36176-0600M



**941-0606-B**  
**6 Ga., 6 Ft. Black Battery Cable**



**941-0608-B**  
**6 Ga., 8 Ft. Black Battery Cable**



**941-0606-R**  
**6 Ga., 6 Ft. Red Battery Cable**



**941-0608-R**  
**6 Ga., 8 Ft. Red Battery Cable**



**189-3081**  
**Ignition Coil 2 Cyl.**

1993-2016 (25C3,35C & 40CHP) 1996-2010 (35C & 40CHP) 2-Stroke

**Replaces**  
3A0-06040-1, 3A0060401M, 3A0060481M



**189-3381**  
**Ignition Coil**

1993-2016 (9.9,15 & 18HP) 2-Stroke

**Replaces**

3M3060482M, 3G2-06040-0, 3G2060400M, 3G206-0400M, 3G2-06040-1, 3G2060401M, 3G206-0401M, 3G2-06040-2, 3G2060402M, 3G206-0402M, 3G2-06050-0, 3G2060500M, 3G206-0500M, 3G2-06050-1, 3G2060501M, 3G206-0501M, 3G2-06053-0, 3G2060530M, 3G206-0530M, 361-06040-1



**ALERT!**

**Beware of Counterfeit Ignition Parts!**

Asian Suppliers are Imitating CDI Electronics<sup>®</sup> Part Numbers and Selling Counterfeit Parts on Many National Internet Sites

If you are seeking to buy Genuine CDI Electronics<sup>®</sup> Ignitions on the Internet, be sure to Purchase from a Reputable Marine Parts Reseller.



HP	Year	Model	Stk	Cyl.	S/N	Power Pack	Stator (Exciter)	Trigger	Rectifier	Ign. Coil	Plug Cap
2.5	97	2.5A	2	1	N/A	3F0060600M**	R3F0061200M	Self-firing	N/A	3F0061530M**	N/A
2.5	98-03	2.5A2	2	1	90713-UP	3F0060600M**	R3F0061200M	Self-firing	N/A	3F0061530M**	N/A
2.5	3	2.5A2	2	1	N/A	3F0060600M**	R3F0061200M	Self-firing	N/A	3F0061530M**	N/A
2.5	92-96	2.5A	2	1	Up to 73780	N/A	R3F3090612M	Points	N/A	309061530M**	N/A
2.5	92-96	2.5A	2	1	73781-UP	N/A	R3F30906120M	Points	N/A	309061530M**	N/A
3.5	92	3.5A	2	1	N/A	N/A	R3F30906120M	Points	N/A	309061530M**	N/A
3.5	96	3.5B	2	1	N/A	3F0060600M**	R3F0061200M	Self-firing	N/A	3F0061530M**	N/A
3.5	97	3.5	2	1	N/A	3F0060600M**	R3F0061200M	Self-firing	N/A	3F0061530M**	N/A
3.5	98-03	3.5A	2	1	91646-UP	3F0060600M**	R3F0061200M	Self-firing	N/A	3F0061530M**	N/A
3.5	98-03	3.5B	2	1	23919-UP	3F0060600M**	R3F0061200M	Self-firing	N/A	3F0061530M**	N/A
3.5	3	3.5A2	2	1	N/A	3F0060600M**	R3F0061200M	Self-firing	N/A	3F0061530M**	N/A
3.5	3	3.5B2	2	1	N/A	3F0060600M**	R3F0061200M	Self-firing	N/A	3F0061530M**	N/A
5	92	5B	2	1	N/A	369060601M**	R369060210M	369060710M**	N/A	369060501M**	N/A
8	76-85	8A	2	2	N/A	119-0003	R3C2061200M	Self-firing	361760600M**	Built-in w/ Resistance	3C7069210M**
8	85-03	8B	2	2	N/A	119-0003	R3B2061200M	Self-firing	3B2760600M**	Built-in w/ Resistance	3C7069210M**
9.8	97-03	9.8B	2	2	N/A	119-0003	R3B2061200M R3B2061231M	Self-firing	3B2760600M**	Built-in w/ Resistance	3M2062910M**
9.9	85-93	9.9B2	2	2	N/A	119-0602	R179-0001 R350060230M	R362060220M	362760600M**	362060500M**	N/A
9.9	93-95	9.9C	2	2	N/A	119-3G2-01	R3G306021M R3G2060230M	R3G2060220M	361760600M**	189-3081 w/ Resistor	N/A
9.9	98-03	9.9D2	2	2	74919-UP	119-3202	R2B2061200M R3B2061231M	Self-firing	3G2760602M**	189-3081 w/ Resistor	N/A
12	86-90	12C2	2	2	N/A	119-0602	R179-0001 R350060230M	R36206022M	362760600M**	362060500M**	N/A
15	86-93	15B2	2	2	N/A	119-0602	R179-0001 R350060230M	R362060220M	362760600M**	362060500M**	N/A
15	93-95	15C	2	2	N/A	119-3G2-01	R3G306021M R3G2060230M	R3G2060220M	361760600M**	189-3081 w/ Resistor	N/A
15	97-03	15D2	2	2	41056-UP	119-3202	R3B2061200M R3B2061231M	Self-firing	3G2760602M**	189-3081 w/ Resistor	3C7069210M**
18	86-94	18C2	2	2	N/A	119-0602	R179-0001 R350060230M	R362060220M	362760600M**	362060500M**	N/A
18	93-95	18D	2	2	N/A	119-3G2-01	R3G2060210M R3G3060230M	R3G2060220M	361760600M**	189-3081 w/ Resistor	N/A
18	97-03	18E	2	2	93709-UP	119-3202	R3B2061200M R3B2061231M	Self-firing	3G2760602M**	189-3081 w/ Resistor	3C7069210M**
25	83-97	25-25C2	2	2	N/A	119-2402	R345062210M R345062230M	R345062220M	361760600M**	In Pack	N/A
25	98-03	25C3	2	2	50039-UP	3P0060600M**	R3G2060210M R3P0060230M	Self-firing	3G2760600M**	189-3381 w/ 5K Caps	3C7069210M**
30	85-97	30A3	2	2	N/A	119-2400	R345062210M R345062230M	R345062220M	361760600M**	Built-In	N/A
30	98-03	30A4	2	2	35175	3P0060600M**	R3G2060210M R3P0060230M	Self-firing	3G2760600M**	3A0060500M**	3C7069210M**
35	84-95	35C	2	2	N/A	119-2400	R345062210M R345062230M	R345062220M	361760600M**	Built-In	N/A
40	82-95	40C	2	2	N/A	119-2400	R345062210M R345062230M	R345062220M	158-9501	Built-In	N/A

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
Please see the part number page for additional information that will help you identify your correct part.

HP	Year	Model	Stk	Cyl.	S/N	Power Pack	Stator (Exciter)	Trigger	Rectifier	Ign. Coil	Plug Cap
40	89-97	40D	2	3	N/A	3C8061600M**	R3C8061201M	3C8061300M**	3C7860600M**	3C760400M** w/ Resistor Cap	N/A
40	89-97	40D	2	3	N/A	3C8061600M**	R3C8061201M	3C8061300M**	3C7860600M**	3C760500M**	N/A
40	97-03	40D2	2	3	43540-UP	3C8061600M**	R3C8061300M	3C8061300M**	3B7760603M**	3C760400M** w/ Resistor Cap	N/A
40	97-03	40D2	2	3	43540-UP	3C8061600M**	R3C8061201M	3C8061300M**	3B7760603M**	3C760400M**	N/A
45	85-89	45A2	2	2	N/A	119-2400	R345062210M R345062230M	R345062220M	158-9501	Built-in	N/A
45	84-85	45A	2	2	20202-UP	119-2400	R345062210M R345062230M	R345062220M	158-9501	Built-in	N/A
50	86-90	50C	2	2	21745- 23518	119-2400	R345062210M R345062230M	R345062220M	158-9501	Built-in	N/A
50	90-97	50D	2	3	N/A	3C8061600M**	3C8061201M**	3C8061300M**	3C7860600M**	3C760400M** w/ Resistor Cap	N/A
50	90-97	50D	2	3	N/A	3C8061600M**	3C8061201M**	3C8061300M**	3C7860600M**	3C760500M**	N/A
50	97-03	50D2	2	3	59260-UP	3C8061600M**	R3C8061201M R3C8061231M	3C8061300M**	3B7760603M**	3C760400M** w/ Resistor Cap	N/A
50	97-03	50D2	2	3	59260-UP	3C8061600M**	R3C8061201M R3C8061231M	3C8061300M**	3B7760603M**	3C760500M**	N/A
55	80-85	55B	2	2	N/A	119-2400	R345062210M R345062230M	R345062220M	158-9501	Built-in	N/A
60	86-92	60A	2	2	21341- 22468	119-2400	R345062210M R345062230M	R345062220M	158-9501	Built-in	N/A
60	93-97	60B	2	3	N/A	3F3060601M**	3F3060201M** 3F3060260M**	3F3060021M** (Plate Assy)	3B7760653M**	3B7760653M**	3C7069210M**
60	97-03	60C	2	3	Up to 10839	3F3060602M**	3F3060201M** 343060260M**	3F3060022M** (Plate Assy)	3B7760653M**	3F3060401M**	3C7069210M**
60	03-08	60C	2	3	10840-UP	3N4061600M**	R3N4061200M R3N4061230M	3N4061300M** (Plate Assy)	3B7760653M**	3C7060400M**	3C7069210M**
70	85-92	70A2	2	2	N/A	119-2400	R345062210M R345062230M	R345062220M	158-9501	Built-in	N/A
70	93-98	70B	2	3	N/A	3F3060601M**	R3F3060201M R3F3060260M	3F3060021M** (Plate Assy)	3F3060401M**	3C7069210M**	N/A
70	98-03	70C	2	3	10001- 13001	3F3060602M**	R3F3060201M R3F3060260M	3F306022M** (Plate Assy)	3B7760653M**	3F3060401M**	3C7069210M**
70	03-08	70C	2	3	13002-UP	3N4061600M**	R3N4061200M R3N4061230M	3N4061300M** (Plate Assy)	3B7760653M**	3C7060400M**	3V7069210M**
90	92-95	90A	2	3	N/A	3B7061602M**	3B7061200M** 3B7061230M**	3B7061300M**	3B7760650M**	3B7060500M**	N/A
90	96-03	90A	2	3	N/A	3B7061602M**	3B7061201M** 3B7061230M**	3B7061320M**	3B7760651M**	3B7060501M**	3C7069210M**

Premier Repair Services Are Available for All Part Numbers That Begin with "R." \*\* OEM Part Numbers Currently Unavailable from CDI Electronics  
Please see the part number page for additional information that will help you identify your correct part.

**CDI Electronics®****SUZUKI****NEW**

**118-0002**  
**CDI Unit Assembly**  
**1 Cyl.**

1976-2003 (8 & 9.8HP) 2-Stroke

**Replaces**

DT20 / DT25 / DT30G-Y (1986-00)  
 DT25 / DT30K1-K2 (2001-02)  
 International



**118-5320**  
**Ignition Pack 2 Cyl.**

1983 (DT750ML) 1984 (DT50EC & DT50MC  
 Engines) (50HP)

**Replaces**

32900-953200, 32900-953201,  
 32900-953202, 32900-93911



**158-9501**  
**Rectifier**

2 Wire Battery Charged Systems,  
 Rectifier Only

**Replaces**

32800-95720, 32800-95D00, 32800-95D01, 3G2-76060-0, 3G276-0600,  
 3G2760600M, 3B2-76060-0, 3B276-0600, 3B2760600M, 3B276-0600M,  
 37176-0600, 362-76060-0, 36276-0600, 362760600M, 36276-0600M,  
 346-76060-0, 34676-0600, 346760600M, 346-76060-1, 34676-0601,  
 346760601M, 353-76060-1, 35376-0601, 353760601M, 35376-0601M,  
 361-76060-0, 361760600M, 36176-0600M

**NEW**

**178-0002**  
**Stator Coil 2 Cyl.**

1983-1988 (9.9 & 15HP) 2 Stroke

**Replaces**

32140-93900

**NEW**

**178-0003**  
**Charge Coil 2 Cyl.**  
**Suzuki**

1988-1989 (35HP) 1984-1998 (40HP)

**Replaces**

32140-94400

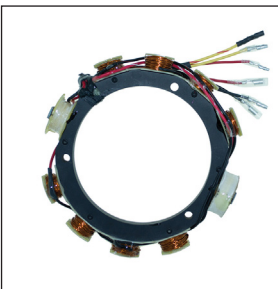


**178-9450**  
**Stator 4 Cyl., 6 amp**

1981-1985 (DT115HP-DT140HP)

**Replaces**

32101-94500



**178-9550**  
**Stator 3 Cyl., 6 amp**

1979-1987 (T85HP) 1983-1987 (DT75HP)

**Replaces**

32101-95500, 32101-95501



**188-0001**  
**Ignition Coil 2 Cyl.**

1996-1999 (25-30HP) 2-Stroke,  
 International

**Replaces**

33410-92L10, 33410-93E00,  
 33410-94400



**110-0001  
Ignition Pack**

4-Stroke Engines, 9.9HP, Model BF75/BF100

**Replaces**  
958744, 30580-881-734



**110-0002  
Ignition Pack**

4-Stroke Engines, 9.9HP, Model BF75/BF100

**Replaces**  
814392, 917849, 30580-881-732,  
30580-881-733



**130-0001  
Knock  
Sensor**

**Replaces**  
30530-PPL-A01



**180-0001  
Ignition  
Coil**

2004-2007 (135 & 150HP)

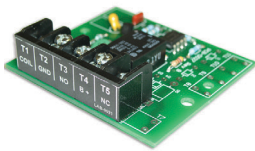
**Replaces**  
30520-PNA-007



**180-0002  
Ignition Coil**

2007 & UP (75 & 90HP))

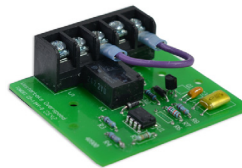
**Replaces**  
30520-PWC-003



**C11-0001  
Overspeed  
Shutdown Kit**

Westerbeke Gas Gen. 4 Cyl.

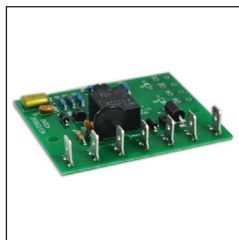
**Replaces**  
JHW-041196, 41196



**C11-0002  
Overspeed  
Shutdown Kit**

Westerbeke Gas Gen. 3 Cyl.

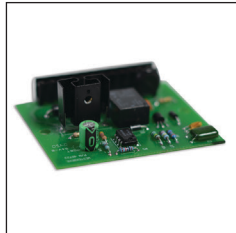
**Replaces**  
JHW-041183, 41183



**C11-0003  
Overspeed  
Shutdown  
Kit**

For Westerbeke Gas  
Generator; Begte V2

**Replaces**  
JHW-043240,  
43240



**C11-0004  
Overspeed  
Shutdown  
Kit**

Westerbeke Models:  
5.0BCG, 5.0BCGA,  
7.0BCG

**Replaces**  
JHW-046723,  
46723



**C13-0001  
Ignitor**

4.5 BCGTC, 7.2 BCGTC,  
9.6 BCGTC, 4.5  
BCGTE and 7.2 BCGTE  
Generators

**Replaces**  
043053

## BATTERY 101

Batteries for Outboard Engines are unique and great care needs paid to what battery is used - otherwise, you may ruin your entire engine before you know it. It's the Technician's job to educate boaters & here are some tips to help you do just that.

### BATTERY TYPES QUICK TIPS & SUGGESTIONS

#### Manufacturer's Recommendation

The minimum specification is for the motor alone, and does not consider other electrical requirements on the boat. Good rule of thumb is to add 20% to Mfg. Recommendation.

#### Quickest Testing Method

For a fully charged battery, the quickest test method is to crank the engine for approximately 15-20 seconds, with the ignition disabled. The battery should stay above 10.5 V if the engine is in good health and of proper capacity.

#### Unregulated Systems

On today's digital electronics, over voltage can trigger shutdown or activate alarms. Avoid this by installing a heavier duty battery or install a second battery in parallel with a switch.

#### Recommended Maintenance

It is suggested to clean and secure battery connections, use lock washers & hex nuts tightened with a wrench, & clean and spray connections with a non-hardening electrical sealer for protection.

### KEY TERMS

**CCA** Cold Cranking Amps = Maximum current output when tested at 0° F for 30 seconds.

**MCA** Marine Cranking Amps = Maximum current output when tested at 32° F for 30 seconds.

**RC** Reserve Capacity = The number of minutes a battery can deliver a constant 25 Amps until voltage is decreased to 10.5V.

**Group 24** Is the most common marine start battery size.

#### Starting Batteries

→ Designed for quick bursts of power, but if operated below 50% discharge, life is severely shortened.

#### Deep-Cycle Batteries

→ Designed for long term, low current draw, but are not designed for quick bursts of power.

#### Combo Start/Deep-Cycle

→ Designed to combine quick bursts of power & long term, low current draw.

#### Flooded-Cell

→ Designed to tolerate higher charging voltages.

#### Maintenance Free

→ Designed to minimize gassing during recharging, but are subject to early failure if the charging voltage is not regulated.

#### AGM

→ Designed to last long term, as long as they are not discharged below 50% State of Charge (SoC).

#### Gel Cell

→ Designed to be very good for deep-cycle use, but very sensitive to charging currents & voltage limits.

**Maintenance Free, AGM, and Gell Cell batteries are all sealed batteries which require CDI's new "Switching Regulators" to avoid over charging related failure.**

**Visit page 13 for more information.**

**CDI Electronics®**

# I/O Ignitions & Spark Plug Wires

*BETTER THAN THE OEM*



<b>SPARK PLUG WIRES</b>	136
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<b>I/O APPLICATION CHARTS</b>	146



TECH SUPPORT 1.866.423.4832  
CUSTOMER SERVICE 1.800.467.3371  
[cdielectronics.com](http://cdielectronics.com)

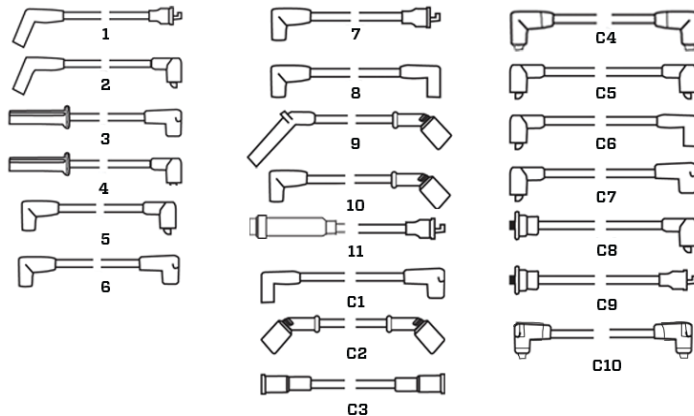




ORDER CDI ELECTRONICS'



**HIGH PERFORMANCE SPARK PLUG WIRE SETS**  
WITH YOUR CDI ELECTRONICS'  
**INBOARD IGNITION COMPONENTS**



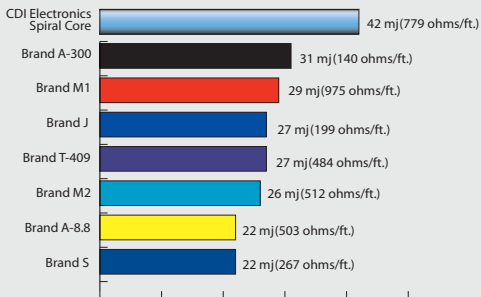
Part #	Sierra Cross #	Cyl	Spark Plug Lead Type	Coil Wire Type
631-0001	18-8803-2	8	5	C5
631-0004	18-8804-1	8	8	C6
631-0006	18-8832-1	8	8	C1
631-0007	18-8800-1	4	7	C9
631-0008	18-8804-1	8	8	C6
631-0009	-	8	4	C4
631-0010	18-8802-1	8	5	C9
631-0011	18-8828-1	8	10	C2
631-0012	18-8809-1	6	5	C8
631-0013	18-8810-1	6	8	C6
631-0015	18-8808-2	4	1	C9
631-0017	18-8801-2	6	5	C5
631-0018	1808842-1	8	2	C9
631-0020	18-8838-1	8	9	-
631-0022	9-28053	8	4	C8
631-0023	18-8811-1, 18-8833-1	4	6	C1
631-0025	18-8806-1	4	5	C8
631-0026	18-8825-1	8	2	C5
631-0027	181-8813-1	4	11	C10

**INDEPENDENT TESTING CONFIRMS CDI ELECTRONICS HIGH PERFORMANCE SPARK PLUG WIRE SET IS SUPERIOR!**

When tested against 7 leading brands, CDI Electronics beat them all:

**More Spark Energy!**

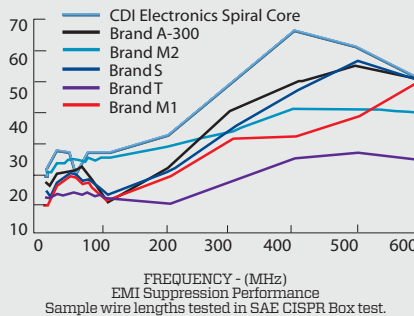
Optimum capacitance, inductance and resistance for maximum energy transmission



SPARK ENERGY - MILLIJOULES (mj)  
Note: No correlation between Resistance and Spark Energy

**Better EMI Suppression!**

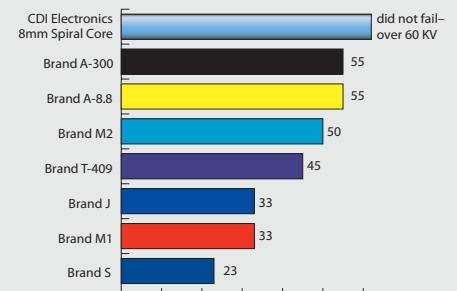
Ideal electrical properties provide best EMI suppression for peak radio and electronic ignition performance



Sample wire lengths tested in SAE CISPR Box test.

**Higher Dielectric Strength!**

Premium silicone jacket over dense EPDM (Ethylene Propylene Diene Monomer) for best insulation performance



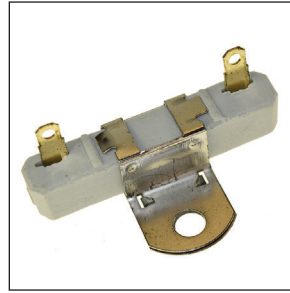
IGNITION VOLTAGE - (KV)  
Insulation Performance High Dielectric Test - Wire Failure due to Voltage Leakage

**To see our offering of Outboard Spark Plug Wires, please see the individual engine groupings.**



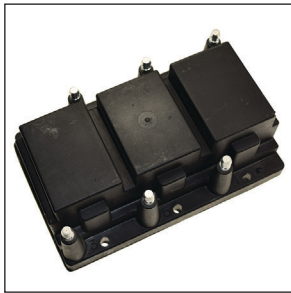
**E12-0001**  
Resistor for Coil

Chrysler	3874767
Sierra	18-5451



**E12-0002**  
Resistor for Coil

Chrysler	4106140
Johnson/Evinrude	41064, 41068, 981654
Pleasurecraft	R119001
Sierra	18-5450
Volvo Penta	835999



**E18-0001**  
Ignition Coil

OMC	914631
Sierra	18-5439



**E18-0002**  
Ignition Coil

OMC	3852217
GLM	72115
Redline	RL5437
Sierra	18-5437

Primary Resistance	Secondary Resistance	Inductance
1.42 / 1.57 $\Omega$	7.41 / 8.19 K $\Omega$	6.79 / 7.51 mH



**E18-0004**  
Ignition Coil

A.C. Delco	1115202
Chrysler	2495531, 201522
Crusader	37068
GLM	72110
Mercuriser	898253T24
OMC	3853548
Pleasurecraft	R117001
Sierra	18-5433
Volvo Penta	835998-6

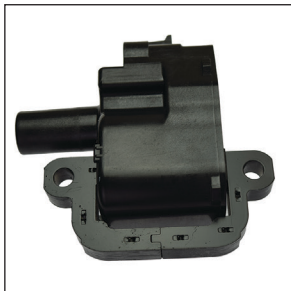


**E18-0005**  
Ignition Coil

Chrysler	200691
Crusader	41080
Sierra	18-5435

Primary Resistance	Secondary Resistance	Inductance
2.75 / 3.04 $\Omega$	7.98 / 8.83 K $\Omega$	7.83 / 8.66 mH

Primary Resistance	Secondary Resistance	Inductance
1.33 / 1.47 $\Omega$	11.17 / 12.35 K $\Omega$	5.14 / 5.68 mH



**E18-0006**  
Ignition Coil

Mercuriser	392-881732
Pleasurecraft	R117012
Sierra	18-7648
Volvo Penta	3861267



**E18-0008**  
Ignition Coil

Mercuriser	300-8M0079202
Sierra	18-5438

Primary Resistance	Secondary Resistance	Inductance
0.85 / 1.05 $\Omega$	7.50 / 8.29 K $\Omega$	6.86 / 7.59 mH



**E18-0007**  
Ignition Coil

Mercuriser	392-889925
Sierra	18-7493
Volvo Penta	3859078



**E18-0009**  
Coil Bracket

Universal
-----------

**NEW**



**E18-0010  
Coil**

Sierra	18-7492
Volvo Penta	3854161

**NEW**



**E18-0011  
Ignition Coil**

Sierra	18-5745
Volvo Penta	3287677



**E66-0008 Condenser**

ChrisCraft	16.69-00050
Chrysler	2279949
Crusader	705787
GLM	70530
Mercruiser	8M6001218
OMC	380537
Pleasurecraft	R115002
Sierra	18-5345
Volvo Penta	835704



**E66-0010 Condenser**

Chriscraft	16.69-00040
Crusader	12530
GLM	70580
Mercruiser	8M6001217
OMC	382136
Pleasurecraft	R115001
Sierra	18-5338
Volvo	835308-8



**E66-0013  
Condenser**

Crusader	12526
GLM	70520
Mercruiser	33706
OMC	382125
Sierra	18-5344



**E66-0014  
Condenser**

Sierra	18-5342
Volvo Penta	243653



**E66-0015  
Contact Set**

GLM	70050
Mercruiser	87-71831
Sierra	18-5317



**E66-0017  
Contact Set**

Chris-craft	16.69-00049
GLM	70020
Mercruiser	34235T
OMC	380538
Sierra	18-5311



**DID YOU  
KNOW?**

The Application Charts for all of our new Inboard Ignitions can be found on pages 146.



**E66-0019  
Condenser**

Chrysler	1818757
Chrysler	3420600
GLM	70510
Johnson/Evinrude	987895
Mercruiser	8M6001249
Sierra	18-5347



**E66-0020 Contact Set**

Chriscraft	16.69-00039
Chrysler	2421820
Crusader	20117
GLM	70060
Mercruiser	8M6001250
OMC	382135
Pleasurecraft	R114004
Sierra	18-5314
Volvo Penta	835304



**E66-0024 Contact Set**

GLM	70082
Sierra	18-5305
Volvo Penta	243799



**E66-0025 Contact Set**

Chrysler	2808870
Crusader	41058
GLM	70010
Mercruiser	8M6001219
OMC	987894
Pleasurecraft	R114002
Sierra	18-5303
Volvo Penta	855846-2



**E64-0001 Distributor Cap**

Crusader	41069
GLM	71600
Mercruiser	392-9086T
OMC	3853814, 982879, 984398
Sierra	18-5353
Volvo Penta	841926-9



**E64-0002 Distributor Cap**

Chris-Craft	16.69-00052
GLM	71540
Mercruiser	393-9459Q1
OMC	393587, 380541
Sierra	18-5385



**E64-0003 Distributor Cap**

GLM	71530
Mercruiser	33765T
OMC	980152
Sierra	18-5386



**E64-0004 Distributor Cap**

GLM	71420
Mercruiser	811635T3
OMC	986643
Sierra	18-5361
Volvo	3854260



**E64-0005 Distributor Cap**

Mercruiser	850484T2
GLM	71410
OMC	3854331
Sierra	18-5362
Volvo	3854331-0



**E64-0006 Distributor Cap**

Mercruiser	8M6001106
Pleasurecraft	RA108009
Sierra	18-5244
Volvo	3858975



**E64-0007 Distributor Cap**

Mercruiser	898253T23
Sierra	18-5243
Volvo Penta	3859019



**E64-0008**  
Distributor Cap

Crusader	3000121
GLM	71550
Mercruiser	393-4988T2
Sierra	18-5389



**E64-0009**  
Distributor Cap

OMC	3854217, 987985
Sierra	18-5248
Volvo Penta	3854217



**E64-0010**  
Distributor Cap

GLM	71510
Mercruiser	805759T1
Sierra	18-5395



**E64-0011**  
Distributor Cap

GLM	71480
Sierra	18-5358
Volvo Penta	841263



**E64-0012**  
Distributor Cap

Chris-Craft	16.69-00148
Crusader	20222
Mercruiser	391-5075T
OMC	982209
Pleasurecraft	R108001
Sierra	18-5376



**E64-0013**  
Distributor Cap

GLM	71500
Mercruiser	815407A2
Sierra	18-5396



**E64-0014**  
Distributor Cap

Crusader	38070
GLM	71400
Mercruiser	808483T3
OMC	3854548
Sierra	18-5354
Volvo Penta	3854548-9



**E64-0015**  
Distributor Cap

OMC	985218
Sierra	18-5397



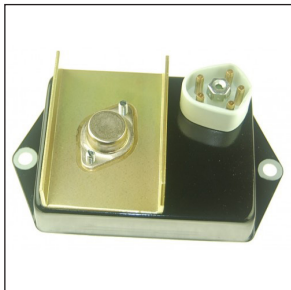
**E64-0016** Distributor Cap

Chrysler	4142817
Crusader	41076
GLM	71560
Mercruiser	392-9766T
OMC	984401
Pleasurecraft	RA108003
Sierra	18-5352
Volvo Penta	3853815



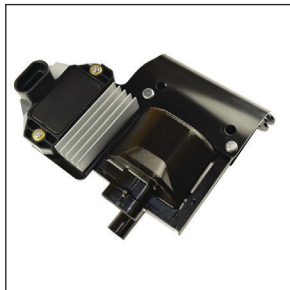
**E64-0017** Distributor Cap

Chrysler	4142408
Crusader	41052
GLM	71570
Mercruiser	392-6318T
OMC	982336
Pleasurecraft	RA108002
Sierra	18-5369
Volvo Penta	835702



**E11-0001  
Ignition Module**

Chrysler	3874020
Sierra	18-5105



**E11-0002  
Ignition Coil & Module**

Indmar	S556343
Mercruiser	392-863704T
OMC	481553
Pleasurecraft	RA117011
Sierra	18-5465
Volvo Penta	3861985



**E11-0003  
Ignition Module**

Crusader	7243110
GLM	73190
Mercury	811637001
OMC	3854003
Sierra	18-5107-1
Volvo Penta	3854003



**E11-0004  
Ignition Module**

GLM	10482803
Sierra	18-5117



**E65-0001 Rotor**

Chris-craft	16.69-00149
Chrysler	868096
Crusader	20223
GLM	71040
Mercruiser	8M6001224
OMC	982211
Pleasurecraft	R103001
Sierra	18-5404-1



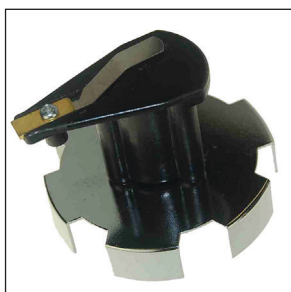
**E65-0002  
Rotor**

OMC	987986, 3854218
Sierra	18-5413



**E65-0003  
Rotor**

Chris-craft	16.69-00051
GLM	71020
Mercruiser	8M6001251
OMC	384735
Sierra	18-5418



**E65-0004  
Rotor**

GLM	71070
Mercruiser	13524Q06
Sierra	18-5432



**E65-0005  
Rotor**

GLM	71120
Mercruiser	8M6001254
OMC	986651
Sierra	18-5406
Volvo Penta	3854261-9



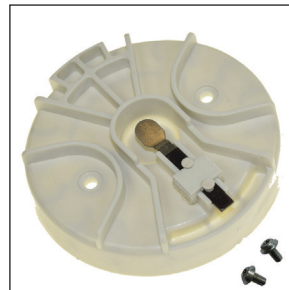
**E65-0006  
Rotor**

Crusader	38071
GLM	71100
Mercruiser	8M6001253
OMC	3854549
Sierra	18-5405
Volvo Penta	3854549-7



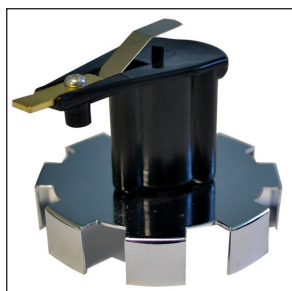
**E65-0007  
Rotor**

MerCruiser	898253009, 8M6001252, 804803
Sierra	18-5402



**E65-0008  
Rotor**

MerCruiser	8M6001222
Pleasurecraft	R103011
Sierra	18-5245
Volvo Penta	3858977



**E65-0009  
Rotor**

MerCruiser	13524T1
Sierra	18-5431
GLM	71080



**E65-0010  
Reluctor Wheel**

Chrysler	3656017
Sierra	18-5102



**E65-0011  
Rotor**

Chrysler	1658535
Crusader	41059
GLM	71050
MerCruiser	392-6326T
OMC	980892
Pleasurecraft	R103003
Sierra	18-5407



**E65-0012  
Rotor**

Chrysler	2098611
Sierra	18-5429



**E65-0013  
Rotor**

Crusader	41089
GLM	71130
MerCruiser	392-9089T
OMC	3853801
Pleasurecraft	R103004
Sierra	18-5403
Volvo Penta	3853801



**E65-0014  
Rotor**

GLM	71110
MerCruiser	8M0062084
OMC	3854311
Sierra	18-5408
Volvo Penta	3854311-2



**E65-0015  
Rotor**

GLM	71000
Sierra	18-5428
Volvo Penta	243903



**E66-0018  
Rotor**

Crusader	3000122
GLM	71030
MerCruiser	65864, 78016, 49924 47584
Sierra	18-5420



**E11-0005**  
Ignition Sensor  
Thunderbolt

MerCruiser	87-861780A2
Sierra	18-5116-1



**E13-0001**  
MAP Sensor

MerCruiser	8M0054726
Sierra	18-7660



**E13-0002**  
Cam Position Sensor

MerCruiser	898141
Sierra	18-7642
Volvo	3863130



**E13-0003**  
Crankshaft Position  
Sensor

Sierra	18-7706
Volvo Penta	3858979



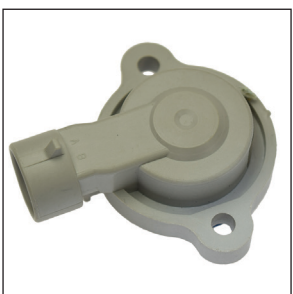
**E13-0004**  
Camshaft Sensor

MerCruiser	892615002
Pleasurecraft	R020035A
Sierra	18-7646



**E13-0005**  
Camshaft Sensor

Sierra	18-7643
Volvo Penta	3859082



**E13-0006**  
Throttle Position  
Sensor

MerCruiser	8M0097035
Sierra	18-7700
Volvo Penta	3857487



**E13-0007**  
Throttle Position  
Sensor

Crusader	47032
MerCruiser	805226A1
Pleasurecraft	R020040
Sierra	18-7630



**E13-0008**  
Throttle Position  
Sensor

MerCruiser	803148
Sierra	18-7757
Volvo Penta	3855296



**E13-0009**  
Coolant Temp Sensor

Crusader	47002
MerCruiser	805218T
Pleasurecraft	R020019
Sierra	18-7600





**E13-0010**  
Coolant Temp Sensor

OMC	3854159
Sierra	18-7602
Volvo Penta	3854159



**E13-0012**  
Pickup Coil Sensor

GLM	72130
Mercruiser	811639T
OMC	3854001
Sierra	18-5108



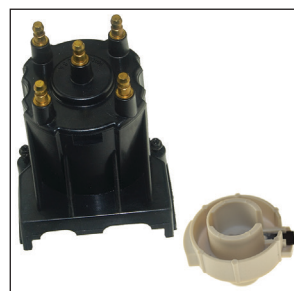
**E66-0001**  
Tune Up Kit

GLM	71720
Sierra	18-5268



**E66-0002**  
Tune Up Kit

GLM	71790
Sierra	18-5274
For: Mercury Thunderbolt HEI - V-6	



**E66-0003**  
Tune Up Kit

GLM	71830
Mercruiser	811635Q2
Sierra	18-5280



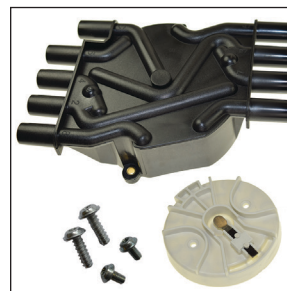
**E66-0004**  
Tune Up Kit

GLM	71810
Mercruiser	808483Q2
Sierra	18-5281



**E66-0005**  
Tune Up Kit

Mercruiser	808483K2
Sierra	18-5291



**E66-0006**  
Tune Up Kit

Mercruiser	898253T29, 8M0060495, 8M0061335
Sierra	18-5247



**E66-0007**  
Tune Up Kit

Mercruiser	898253T28
Sierra	18-5246



**E66-0011**  
Tune Up Kit

Sierra	18-5283
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**E66-0012**  
Tune Up Kit

GLM	71780
Mercruiser	805759T3
Sierra	18-5273



**E66-0021**  
Tune Up Kit

GLM	72610
Mercruiser	34235T1
OMC	175257
Sierra	18-5250



**E66-0022**  
Tune Up Kit

GLM	72620
OMC	173619
Sierra	18-5251



**E66-0023**  
Tune Up Kit

GLM	71760
Sierra	18-5271



**E66-0026**  
Tune Up Kit

GLM	71730
Sierra	18-5275



**E66-0027**  
Tune Up Kit

GLM	71740
Sierra	18-5277



**E66-0028**  
Tune Up Kit

GLM	71750
Sierra	18-5276



**E66-0029**  
Tune Up Kit

Sierra	18-5279
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**E66-0030**  
Tune Up Kit

Sierra	18-5255
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**E66-0031**  
Tune Up Kit

GLM	72660
OMC	987925
Sierra	18-5258

**NEW**



**E66-0032  
Tune Up Kit**

Sierra	18-5259
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**NEW**



**E66-0033  
Tune Up Kit**

GLM	72650
OMC	987926
Sierra	18-5260

**NEW**



**E66-0034  
Tune Up Kit**

GLM	71710
Sierra	18-5269

**NEW**



**E66-0035  
Tune Up Kit**

GLM	71820
Mercruiser	850484T3
Sierra	18-5278

**Chriscraft Ignitions**

Model	Year	Cyl.	Distributor No.	Condenser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit	Elect. Conv. Kit	Spark Plug Wires
A,B,BR,BR3	46-68	4	IAY-4010	E66-0008	-	-	-	-	-	-	-
FL153,181	75-80	4	#REF!	E66-0010	E66-0017	-	E65-0003	E64-0002	-	-	-
W,WO	47-63	6	IGC-4279B	E66-0008	-	-	-	-	-	-	-
"283, 283-0											
Corvette Eng."	58-67	8	IBB-4109A	E66-0008	E66-0025	-	E65-0001	-	-	-	-
283F, 327F Corvette Eng.	63-71	8	IBM-4115, 4116	E66-0008	E66-0025	-	E65-0012	-	E66-0032	-	631-0001
Dual Contact	58-67	8	IBB-4201A, B	E66-0008	E66-0025	-	E65-0001	-	-	-	-
Dual Contact	58-68	8	IBB-4301A, B	E66-0008	E66-0025	-	E65-0011	E64-0017	E66-0030	-	-
ALL	79-80	8	IBM-7011	E66-0008	E66-0025	-	E65-0011	E64-0017	E66-0030	-	-
ALL	81-85	8	IBM-7013	E66-0008	E66-0025	-	E65-0013	E64-0016	E66-0033	-	-

**Chriscraft Spark Plug Wires**

Model	Year	CID/Cyl.	Distributor Type	Serial No.	Spark Plug Wires
225B, BVC	64-71	L6 (Chrysler)	1110342	-	631-0022
140,150,160,165	65-85	L6 (GM)	ALL	-	631-0012
283F, 327F	58-71	283, 327 / V-8	Mallory (Top Terminal)	-	631-0001
302 FLV	75-88	302 / V-8	RH Rotation	-	631-0001
307 GLV, GCLV	69-78	307 / V-8	Mallory (Top Terminal)	-	631-0001
350 G, GLV, FLV	70-95	350 / V-8	RH Rotation	-	631-0001
427, 460	63-85	427, 460 / V-8	135 Degree Plug Boots	-	631-0018

**Chrysler B.I.D. Ignitions**

Model	Year	Cyl.	Distributor No.	Serial No.	Reluctor	Pickup	Elect. Control Unit	Coil	Rotor	Dist. Cap	Spark Plug Wires
M318,M340, 360, 440	72-82	-	IDH-7001, 2S	-	E65-0010	-	E11-0001	-	E65-0011	E64-0017	-
318,340, 360, 440	79-82	-	IDH-7002,S, 3,3A,3AS,3S	-	E65-0010	-	E11-0001	-	E65-0011	E64-0017	-
318,340, 360, 440	83-88	-	IDH-7004, 7005	-	E65-0010	-	E11-0001	-	E65-0013	E64-0016	-
318,340, 360, 440	83-88	-	IDH-7006,A	-	E65-0010	-	E11-0001	-	E65-0013	E64-0016	-

## Chrysler Ignitions

Model	Year	Cyl.	Distributor No.	Serial No.	Condenser	Contact Set	Rotor	Dist. Cap	Tune-Up Kit	Elect. Conv. Kit
M37, M47 (CROWN), M36	49-60	6	IAL-4004-1M, IGC-4510-1M	-	E66-0008	-	-	-	-	-
M44 (IMPERIAL), M45 (ROYAL)	55-60	8	IBB-4102A	-	E66-0019	E66-0025	E65-0001	-	-	-
M80,81,M273X,M318,A,B,M413	59-62	8	IBM	-	E66-0019	E66-0025	E65-0011	E64-0017	E66-0031	-
M36, M46, (ACE), M47 (CROWN), M46-3, 4, M49,TACK DRIVE	55-62	6	IAO-4109-1M, IAO-4113-1M	-	E66-0008	-	-	-	-	-
M170,,225,MH225	61-65	6	2098748, 2444430	-	E66-0019	-	-	-	-	-
M80, 81, M273, A, B, X, M318A, B, C, X, X, M426 HEMI	60-72	8	IBM-4106,08, A,B,C,09,A	-	E66-0019	E66-0025	E65-0011	E64-0017	E66-0031	-
M383, B, X, M413, B, D, E, M426, B, D,										
M318X	65-66	8	IBM-4120,5	-	E66-0019	E66-0025	E65-0012	-	E66-0032	-
M225X	69-72	6	IBR-4205,A,AS	-	E66-0019	-	-	-	-	-
M440X	70	8	IBB-4205	-	E66-0019	E66-0025	E65-0011	E64-0017	E66-0031	-
M265X	70	6	IAO-4114-1M	-	E66-0019	-	-	-	-	-
M80, 80A, 81, 273X, 318A, B, C, X, M383, B, X, M413, B, D, E, M426B, D, X, M200, 225, 250, 260,300,335,440X	60-72	8	IBM-4108B, C,9A	-	E66-0019	E66-0025	E65-0011	E64-0017	E66-0031	-
M225X	72-77	6	IBR-7002,A,AS,S	-	E66-0008	-	-	-	-	-
ALL	73	8	IBB-7003,S	-	E66-0008	E66-0025	E65-0011	E64-0017	-	-
M318	76	8	3675979	-	E66-0019	E66-0025	E65-0011	-	E66-0031	-
M273, ML318, ML340, ML440	71-82	8	IBM-7001,2, 3,IBM-7003B,BS, 7004A,B,AS, BS	-	E66-0008	E66-0025	E65-0011	E64-0017	-	-
273, 318, 340, 440	83-88	8	IBM-7016,7017	-	E66-0019	E66-0025	E65-0013	E64-0016	E66-0033	-
M273, M318	71	8	IBM-4122	-	E66-0019	E66-0025	E65-0011	E64-0017	E66-0031	-

## Crusader Ignitions

Model	Year	Cyl.	Distributor No.	Condenser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit	Elect. Conv. Kit	Spark Plug Wires
153	61-69	4	YL486C,D	E66-0010	E66-0020	-	-	-	-	-	-
IH60,M60, PH45,134	71-75	4	IAY4010A	E66-0008	-	-	-	-	-	-	-
230,292 Chevy	61-69	6	YL486A,B	E66-0010	E66-0020	-	-	-	-	-	-
229,3.8L	80-82	6	IBM7014,A	E66-0008	E66-0025	-	E65-0013	E64-0001	E66-0033 E66-0028	-	-
229,262	83-88	6	IBM7018	E66-0008	E66-0025	-	E65-0013	E64-0001	E66-0033	-	-
229,262	83-88	6	IBM7021	E66-0008	E66-0025	-	E65-0013	E64-0001	E66-0033 E66-0028	-	-
185,230, 250, 280	62	8	IBM4110	E66-0008	E66-0025	-	E65-0012	-	E66-0032	-	-
283,327,348	61-69	8	YL487A	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022 E66-0023	-	-
185,220,230	61-69	8	ZD431A, YL431A	E66-0010	E66-0020	-	-	-	-	-	-
170,220,225HP, 275CAD	61-69	8	ZD345A,B,	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022 E66-0023	-	-
288,327,409,427	65-71	8	1111161	E66-0013	-	-	-	-	-	-	-
302,351	71-75	8	—	-	-	-	E66-0018	E64-0008	-	-	-
302	75-78	8	IBM7007,A	E66-0008	E66-0025	-	E65-0011	E64-0017	E66-0031 E66-0027	-	-
305,350,454	77-82	8	IBM7011,D	E66-0008	E66-0025	-	E65-0011	E64-0017	E66-0031 E66-0027	-	-
305,350,454	77-82	8	IBM7013	E66-0008	E66-0025	-	E65-0013	E64-0016	E66-0033 E66-0026	-	-

## Crusader Ignitions

Model	Year	Cyl.	Distributor No.	Condenser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit	Elect. Conv. Kit	Spark Plug Wires
305,350,454	83-87	8	Mallory	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022 E66-0023	-	-
ALL	87-88	8	"IDU7801B,C B.I.D. Elec. Ign.	-	-	-	E65-0013	E64-0016	-	-	-

## Crusader Spark Plug Wires

Model	Year	CID/Cyl.	Distributor Type	Serial No.	Spark Plug Wires
225	60-80	L6	ALL	-	631-0022
262 CID 4.3L	ALL	6	Prestolite	-	631-0017
262 CID 4.3L	ALL	6	Delco EST	-	631-0013
220 (305 CID 5.0L)	Up to 87	8	Mallory/Prestolite	Up to 68702	631-0001
220 (305 CID 5.0L)	87-92	8	Mallory/Prestolite	68703-90232	631-0001
270 (350 CID 5.7L)	Up to 87	8	Mallory/Prestolite	Up to 68702	631-0001
270 (350 CID 5.7L)	87-92	8	Mallory/Prestolite	68703-90232	631-0001
5.7L Classic	99-Up	8	Mallory	-	631-0001
5.7L MPI Classic	07-Up	8	Delco HVS	-	631-0011
MP 5.0L Captain's Choice	02-05	8	Delco HSV	-	631-0011
MP 5.7L Captain's Choice	02-05	8	Delco HSV	-	631-0011
MP 6.0L	02-Up	8	Distributorless	-	631-0020
350 (454 CID 7.4L)	Up to 91	8	Mallory	90232 & Up	631-0001
MP 8.1L	ALL	8	Distributorless	-	631-0020
502 (502 CID 8.2L)	Up to 91	8	Prestolite	Up to 88710	631-0001
153	61-69	L4	YL-486C/D	-	631-0007
185, 230, 250, 280	61-69	L6	ALL	-	631-0012
262 / 4.3L	83-88	V6	7018, 7021	-	631-0017
<b>Models w/ Center Riser Manifolds &amp; 180 Degree Plug Boots</b>					
ALL GM Engines	91-98	V8	Delco HEI	-	631-0009
GM BB	95-98	V8	Delco Distributorless (ABITS)	-	631-0011
<b>Prestolite Ignition</b>					
302, 351	70-78	V8	Prestolite	-	631-0001
<b>Mallory Ignition</b>					
283, 327, 348, 409, 427	61-72	V8	Mallory (Top Terminal)	-	631-0001

## Indmar Spark Plug Wires

Model	Year	Cyl.	Distributor	Spark Plug Wires
140	Up to 93	8	Prestolite	631-0001
200	Up to 93	8	Prestolite	631-0001
225	Up to 93	8	Prestolite	631-0001
250	Up to 93	8	Prestolite	631-0001
275	Up to 93	8	Prestolite/Mallory	631-0001
300	Up to 93	8	Prestolite/Mallory	631-0001
350	Up to 93	8	Prestolite/Mallory	631-0001
400	Up to 93	8	Prestolite/Mallory	631-0001
5.7L EFI	94-09	8	Delco EST	-
5.7L EFI	07-Up	8	Delco HSV	631-0011
6.0L EFI	03-Up	8	Distributorless	631-0020

**Indmar Spark Plug Wires**

Model	Year	Cyl.	Distributor	Spark Plug Wires
6.2L EFI	10-Up	8	Distributorless	631-0020
454 Carbureted (7.4L)	94-Up	8	Delco EST	-
8.1L Vortec	03-Up	8	Delco HSV	631-0020
502 Carbureted (8.2L)	94-11	8	Delco EST	-

**Marine Power Spark Plug Wires**

Model	Year	CID/Cyl.	Distributor Type	Serial No.	Spark Plug Wires
181	86-92	4	Delco	-	631-0007
262	86-92	6	Prestolite screw down cap	-	631-0017
350	86-92	8	Prestolite screw down cap	-	631-0010
350	86-92	8	Mallory	-	631-0010
3.0L	93-Up	4	Delco EST	-	631-0023
7.4L	93-00	8	Delco EST	-	631-0006
8.2L	93-00	8	Delco EST	-	631-0006

**Mer cruiser Ignitions**

MODEL	Year	Cyl.	Ign Type	Serial #	Con-denser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit W/O Cap	Tune-Up Kit W/ Cap	Spark Plug Wires
<b>110</b>	63-66	153/4	B	1537370-2044033	-	E66-0017	E18-0004	E65-0003	E64-0002	-	-	631-0007
120	64-86	153/L4	B	1666601 - B531853	-	E66-0017	E18-0004	E65-0003	E64-0002	-	-	631-0007
140	63	194/L6	B	1538930 - 1725960	-	E66-0017	-	E65-0003	E64-0003	-	-	631-0012
140	68-86	181/L4	B	2508261 - B450800	-	E66-0017	E18-0004	E65-0003	E64-0002	-	-	631-0007
150	64-66	230/L6	B	1666495 - 2048046	-	E66-0017	-	E65-0003	E64-0003	-	-	631-0012
160	67-69	L6	B	2048022 - 2770031								631-0012
160	67-70	250/L6	B	2048022 - 2771483	E66-0008	E66-0017	E18-0004	-	E64-0003	-	E66-0021	-
165	70-81	L6	B	2770032 - 5813433								631-0012
165	71-81	250/L6	B	2771484 - 5813433	E66-0008	E66-0017	E18-0004	-	E64-0003	-	E66-0021	-
165	87	224/L4	B	B434941 - B774251	E66-0008	E66-0017	E18-0004	-	-	-	E66-0021	631-0015
170	85-86	224/L4	B	6916779 - B434940	E66-0008	E66-0017	E18-0004	-	-	-	E66-0021	631-0015
175	87	262/V-6	L	B527955 - B773242	-	-	E18-0008	E65-0004	E64-0013	-	-	631-0013
180	87	224/L4	B	B436391 - B775248	E66-0008	E66-0017	E18-0004	-	-	-	E66-0021	631-0007
180	87-89	224/L4	I	B436391 - B775248	-	E66-0025	E18-0004	E65-0013	-	-	-	-
185	83-84	6	I	6330183 - 6919655								631-0017
185	85-87	6	L	6919656 - 0B527954								631-0013
190	85-86	224/L4	B	6916779 - B436390	E66-0008	E66-0017	E18-0004	-	-	-	E66-0021	631-0015
200	69	292/L6	B	2453769 - 2712072	-	E66-0017	E18-0004	E65-0003	E64-0003	-	-	631-0012
205	85-87	262/V-6	L	A331455 - B775129	-	-	E18-0008	E65-0004	E64-0013	-	-	631-0013
228	77-82	305/V-8	F	4765100 - 6218461	-	E66-0020	E18-0004	-	-	-	-	631-0001
228	82-84	305/V-8	L	6218462 - 6899268	-	-	E18-0008	E65-0009	E64-0010	-	-	-
228	85-86	305/V-8	-	6218462 - 6899268	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
230	85-87	305/V-8	L	6899269 - MB773739	-	-	E18-0008	E65-0009	E64-0010	-	-	-
250	77	350/V-8	F	4768000 - 4908849	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
260	78-82	350/V-8	F	4908850 - 6218461	-	E66-0020	E18-0004	E65-0001	-	-	-	631-0001

**A - Autolite**    **B-Delco**    **C-Delco EST**    **E-Holley**    **F-Mallory Ignition**    **G-Mercury HEI**    **H-Mercury Ignition**    **I - Prestolite Clip Down**  
**J-Prestolite w/Clip Down Dist.**    **K--Screw Down Cap**    **L-Thunderbolt IV**    **M-Thunderbolt IV, V**    **O-Ford HEI**    **P-Delco Digital System**

Mercruiser Ignitions												
MODEL	Year	Cyl.	Ign Type	Serial #	Con-denser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit W/O Cap	Tune-Up Kit W/ Cap	Spark Plug Wires
300	85-86	350/V-8	L	6668677 - B430367	-	-	E18-0008	E65-0009	E64-0010	-	-	-
330	77-81	8	F	4623115 - 6083144								631-0001
330	82-87	454/V-8	L	6083145 - B816540	-	-	E18-0008	E65-0009	E64-0010	-	-	-
390	68-70	8	F	ALL -								631-0001
390	69-70	8	-	2781129 - 2825059								631-0001
390	69-97	482/V-8	N	2781129 - 2825059	-	-	-	E66-0018	E64-0008	-	-	631-0001
420	87-89	454/V-8	L	A398941 - B622418	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
425	90-93	454/V-8	L	B622419 - D937011	-	-	E18-0008	E65-0009	E64-0010	-	-	-
450	95-96	454/V-8	L	F347100 - F347277	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
465	92-94	V8	-	D763732 - F213244	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
470	76-84	224/L4	B	4208730 - 6916778	-	E66-0017	E18-0004	E65-0003	E64-0002	-	-	631-0015
485	80-82	224/L4	B	5685394 - 6218036	E66-0008	E66-0017	E18-0004	-	-	-	E66-0021	631-0015
488	81-84	4	B	6170297 - 6916778								631-0015
488	83-84	224/L4	B	6170297 - 6916778	E66-0008	E66-0017	E18-0004	-	-	-	E66-0021	-
500	94-99	502/V-8	M	F213293 - L601036	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
575	86-92	540/V-8	L	A677429 - D763716	-	-	E18-0008	E65-0009	E64-0010	-	-	-
898	77-82	305/V-8	F	4762210 - 621461	-	E66-0020	E18-0004	E65-0001	-	-	-	631-0001
898	83-84	305/V-8	L	6218462 - 6899057	-	-	E18-0008	E65-0009	E64-0010	-	-	-
(Gen+)			-	L360000 & UP	-	-	E18-0008	E65-0004	E64-0013	-	E66-0002	-
160, 165(250cid)	67-81	L6	-	2048022-5813433	-	E66-0017	E18-0004	E65-0003	E64-0003	-	-	631-0012
165, 170, 190 (224CID)	85-89	L4	-	6916779 & UP	-	E66-0017	E18-0004	E65-0003	E64-0002	-	-	631-0015
175, 185, 4.3	85-93	262/V-6	-	6919656 - F000877	-	-	E18-0008	E65-0004	E64-0013	-	E66-0002	631-0013
180LX	87-89	L4	-	B436391 & UP	-	E66-0017	E18-0004	E65-0003	E64-0002	-	-	631-0015
180LX	87-89	L4	-	B436391 & UP	-	E66-0025	E18-0004	E65-0013	-	-	-	631-0015
185 (2bbl)	85-87	262/V-6	L	6919656 - B527954	-	-	E18-0008	E65-0004	E64-0013	-	-	-
185 (4 bbl)	83-84	229/V-6	I	6330183 - 6919655	-	E66-0025	E18-0004	E65-0013	E64-0001	-	-	631-0017
190 (GM 283)	63-64	283/V-8	B	1564539 - 1730903	-	-	E18-0008	-	-	-	-	631-0001
198 MIE	77	305/V-8	F	4776402 - 4931099	-	E66-0020	E18-0004	E65-0001	-	-	-	631-0001
198, 898 MCM &	77-82	305/V-8	-	4776402 - 6218461	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
198, 898, 5.0L GM (305cid)	83-84	V8	-	6218462 - 6899057	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
2.5L	87-89	153/L4	B	B531854 - C853255	E66-0008	E66-0017	E18-0004	-	-	-	E66-0021	631-0007
200 (5.0L)	85-95	305/V-8	L	6899058 - F600999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
200, 5.0L GM (305cid)	85-95	V8	-	6218462 - F600999	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
200, 5.0L GM (305cid)	87-95	V8	-	B525982 - F600999	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-

A - Autolite    B-Delco    C-Delco EST    E-Holley    F-Mallory Ignition    G-Mercury HEI    H-Mercury Ignition    I - Prestolite Clip Down  
 J-Prestolite w/Clip Down Dist.    K--Screw Down Cap    L-Thunderbolt IV    M-Thunderbolt IV, V    O-Ford HEI    P-Delco Digital System

Mercruiser Ignitions												
MODEL	Year	Cyl.	Ign Type	Serial #	Con-denser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit W/O Cap	Tune-Up Kit W/ Cap	Spark Plug Wires
205, 4.3LX 4bbl	85-99	262V-6	-	A331455 - F802999	-	-	E18-0008	E65-0004	E64-0013	-	E66-0002	631-0013
215 MCM & MIE (FORD)	70-72	302V-8	A	2781153 - 3563181	-	-	E18-0004	E65-0007	E64-0008	-	-	631-0001
215 MCM & MIE (FORD)	70-72	302V-8	F	2781153 - 3563181	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
225 (GM)	63-69	327V-8	B	1539620 - 2694014	-	-	E18-0004	-	-	-	-	631-0001
225 MIE (GM)	68	327V-8	-	2278647 - 2694014	-	-	-	E66-0018	E64-0008	-	-	631-0001
225 (GM)	63-69	8	B	1539620 - 2694014	-	-	-	-	-	-	-	631-0001
225 MCM & MIE (FORD)	73-74	302V-8	A	3385721 - 4166999	-	-	E18-0004	E66-0018	E64-0008	-	-	631-0001
225 MCM & MIE (FORD)	73-74	302V-8	F	3385721 - 4166999	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
225 MCM & MIE (FORD)	73-74	302V-8	H	3385721 - 4166999	-	E66-0015	E18-0004	E66-0018	E64-0008	-	-	631-0001
225 MIE (GM)	68-68	8	-	2278647 - 2694014	-	-	-	-	-	-	-	631-0001
228 MIE	77-80	305V-8	F	4765100 - 5907057	-	E66-0020	E18-0004	-	-	-	-	-
228 MCM & MIE	77-84	305V-8	-	4765100 - 6218461	-	E66-0020	E18-0004	E65-0001	E64-0012	-	E66-0022	631-0001
230 MIE	81-87	305V-8	L	5907058 - B788151	-	-	E18-0008	E65-0009	E64-0010	-	-	-
230, 5.0L/LX MIE	81-95	305V-8	-	5907058 - F600999	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
233 MCM & MIE (FORD)	75-77	351V-8	H	4173000 - 4902304	E66-0008	E66-0025	E18-0004	-	E64-0016	E66-0033	E66-0026	631-0001
233 MCM & MIE (FORD)	75-77	351V-8	J	4173000 - 4902304	E66-0019	E66-0025	E18-0004	E65-0011	E64-0017	E66-0031	E66-0027	631-0001
233 MCM & MIE (FORD)	75-77	351V-8	K	4173000 - 4902304	-	E66-0015	E18-0004	E66-0018	E64-0008	-	-	631-0001
250 MCM & MIE (GM)	75-76	350V-8	H	3258728 - 4521254	-	E66-0015	E18-0004	E66-0018	E64-0008	-	-	-
250 MCM & MIE	68-69	327V-8	N	2314301 - 2639854	-	-	-	E66-0018	E64-0008	-	-	631-0001
255 MIE	76-80	350V-8	F	4498701 - 5907057	-	E66-0020	-	E65-0001	-	-	-	-
255 MIE & MCM (FORD)	73-80	351V-8	F	3258728 - 5907057	-	E66-0020	E18-0004	E65-0001	-	-	-	-
255 MIE & MCM (FORD)	73-80	351V-8	H	3258728 - 5907057	-	-	E18-0004	E66-0018	E64-0008	-	-	-
255 MCM & MIE	73-74	351V-8	-	3385721 - 4166999	-	E66-0015	E18-0004	E66-0018	E64-0008	-	-	631-0001
255 MCM & MIE	73-74	351V-8	-	3385721 - 4166999	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
255 MCM & MIE	75-76	8	F	3258728 - 4501254	-	-	-	-	-	-	-	631-0001
255 MCM & MIE	76-76	8	H	4498701 - 4767999	-	-	-	-	-	-	-	631-0001
255 MCM & MIE (Ford)	73-80	8	H	3258728 - 5907057	-	-	-	-	-	-	-	631-0001
255 MCM (GM)	76	350V-8	F	4498701 - 4767999	-	E66-0020	E18-0004	E65-0001	-	-	-	-
255 MIE	77-80	8	H	4768000 - 5907057	-	-	-	-	-	-	-	631-0001
255, 260MCM & MIE(350cid)	75-82	V8	-	3258728 - 6218461	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
255MCM & MIE (350cid)	75-80	V8	-	4498701 - 5907057	-	E66-0015	E18-0004	E66-0018	E64-0008	-	-	631-0001
260, 350MAG 5.7L SKI/ALPHA/BRAVO(350cid)	87-95	V8	-	B525982 - F600999	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008

A - Autolite    B-Delco    C-Delco EST    E-Holley    F-Mallory Ignition    G-Mercury HEI    H-Mercury Ignition    I - Prestolite Clip Down  
 J-Prestolite w/Clip Down Dist.    K--Screw Down Cap    L-Thunderbolt IV    M-Thunderbolt IV, V    O-Ford HEI    P-Delco Digital System



Mercruiser Ignitions												
MODEL	Year	Cyl.	Ign Type	Serial #	Con-denser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit W/O Cap	Tune-Up Kit W/ Cap	Spark Plug Wires
260,350MAG,	82-94	V8	-	6218462 - F600999	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
270 MCM & MIE	69-72	350/V-8	N	2851074 - 3385720	-	-	-	E66-0018	E64-0008	-	-	631-0001
280 TRS	75	350/V-8	H	4176250 - 4499390	-	E66-0015	E18-0004	E66-0018	E64-0008	-	-	631-0001
280 TRS	76	350/V-8	F	4499391 - 4770199	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
3.0L	87-89	181/L4	B	B450801 - C856558	E66-0008	E66-0017	E18-0004	-	-	-	E66-0021	631-0007
3.0L	90-91	181/L4	I	C856559 - D504541	-	E66-0025	E18-0004	E65-0013	-	-	-	-
3.0L	90-91	181/L4	P	C856559 - D504541	-	-	-	-	-	-	-	-
3.0L	91-94	181/L4	C	D504542 - F603999	-	-	-	-	E64-0004	-	-	631-0023
3.0L	98-10	181/L4	C	L010042 - & UP	-	-	-	-	E64-0004	-	-	631-0023
3.0L MPI	08-10	181/L4	C	A072812 - & UP	-	-	-	-	E64-0004	-	-	631-0023
3.0L MPI	12-Up	4	C	1A072812 - & Up	-	-	-	-	-	-	-	631-0023
3.0L, LX	90-91	4	I	0C856559 - 0D504541	-	-	-	-	-	-	-	631-0007
3.0L/LX	90-95	L4	-	C856559 - F603999	-	E66-0025	E18-0004	E65-0013	-	-	-	631-0007
3.0L/LX	96 UP	L4	-	F604000 & Up	-	-	-	E65-0005	E64-0004	-	E66-0003	631-0023
3.0LX	90-91	181/L4	P	C856559 - D504541	-	-	-	-	-	-	-	-
3.0LX	91-97	181/L4	C	D504542 - K999999	-	-	-	-	E64-0004	-	-	631-0023
3.7L	88-89	224/L4	B	B774252 - & UP	E66-0008	E66-0017	E18-0004	-	-	-	E66-0021	631-0015
3.7LX	88-89	224/L4	B	B775249 - & UP	E66-0008	E66-0017	E18-0004	-	-	-	E66-0021	-
3.7LX	88-89	224/L4	I	B775249 - & UP	-	E66-0025	E18-0004	E65-0013	-	-	-	-
3.7LX	88-89	4	B	0B775249 - & Up	-	-	-	-	-	-	-	631-0015
3.7LX	88-89	4	I	0B775249 - & Up	-	-	-	-	-	-	-	631-0007
300, 320EFI	85-89	350/V-8	-	A543604 - C622418	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
320 EFI	87-89	350/V-8	L	A543604 - C622418	-	-	E18-0008	E65-0009	E64-0010	-	-	-
325 MCM & MIE	69-72	8	F	2278747 - & Up	-	-	-	-	-	-	-	631-0001
325 MCM & MIE	69-74	427/V-8	N	2278747 & UP	-	-	-	E66-0018	E64-0008	-	-	631-0001
330 MCM & MIE	77-81	454/V-8	F	4623115-6083144	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
330 MCM & MIE	77-81	454/V-8	N	4623115-6083144	-	-	-	E66-0018	E64-0008	-	-	631-0001
330, 340, 7.4L MCM & MIE(454cid)	81-92	454/V-8	-	5889914 - D715493	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
340 MIE	81-87	454/V-8	L	5889914 - B788365	-	-	E18-0008	E65-0009	E64-0010	-	-	-
350 MAG ALPHA	86-97	350/V-8	M	A635178 - K999999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
350 MAG MPI	02-10	350/V-8	D	M300000 & UP	-	-	-	-	E64-0006	-	-	631-0011
350 MAG MPI HO-RIZON	02-07	350/V-8	D	M300000 - A299999	-	-	-	-	E64-0006	-	-	-
350 MAG MPI MIE	02-07	350/V-8	D	M300000 - A089999	-	-	-	-	E64-0006	-	-	631-0011

A - Autolite    B-Delco    C-Delco EST    E-Holley    F-Mallory Ignition    G-Mercury HEI    H-Mercury Ignition    I - Prestolite Clip Down  
 J-Prestolite w/Clip Down Dist.    K--Screw Down Cap    L-Thunderbolt IV    M-Thunderbolt IV, V    O-Ford HEI    P-Delco Digital System

Mercruiser Ignitions												
MODEL	Year	Cyl.	Ign Type	Serial #	Con-denser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit W/O Cap	Tune-Up Kit W/ Cap	Spark Plug Wires
350 MAG MPI SKI	02-07	350/V-8	D	M300000 - A089999	-	-	-	-	E64-0006	-	-	631-0011
350 MAG MPI SKI	95-98	350/V-8	D	F350583 - L304599	-	-	-	E65-0006	E64-0014	-	E66-0004	-
350 MAG SKI	91-97	350/V-8	M	D505450 - K999999	-	-	-	E65-0009	E64-0010	-	-	-
350 MAG BRAVO MPI	95-97	350/V-8	D	F415189 - K999999	-	-	-	-	E64-0014	-	-	-
350 MAG EFI SKI	94-97	350/V-8	D	F215561 - K999999	-	-	-	-	E64-0014	-	-	631-0006
350 MAG MPI (GEN +)	98	350/V-8	D	L010019 - L325962	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
350 MAG MPI (GEN +)	99-01	350/V-8	G	L325953 - M999999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
350 MAG MPI MIE (GEN +)	98	350/V-8	D	L002008 - L302199	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
350 MAG MPI MIE (GEN +)	98-01	350/V-8	G	L302200 - M299999	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
350 MAG MPI SKI (GEN +)	99-01	350/V-8	G	L304600 - M2999999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
350 MIE	74-76	454/V-8	N	3780450 - 4623109	-	-	-	E66-0018	E64-0008	-	-	631-0001
350 MAG ALPHA EFI (GEN +)	96-97	350/V-8	D	F800300 - K999999	-	-	-	E65-0006	E64-0014	-	E66-0004	-
350 MAG HORIZON MIE	01-04	V8	-	M300000 & Up	-	-	E11-0002	E65-0008	E64-0006	-	E66-0006	-
350 MAG HORIZON MIE	99-01	V8	-	L304700 & UP	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
350 MAG MPI	01-04	V8	-	M300000 & UP	-	-	E11-0002	E65-0008	E64-0006	-	E66-0006	-
350 MAG MPI HORIZON MIE	02-07	350/V-8	D	M300000 - A089999	-	-	-	-	E64-0006	-	-	-
350 MAG MPI HORIZON MIE	99-01	350/V-8	G	L304700 - M299999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
350 MIE	74-76	8	-	3780450 - 4623109	-	-	-	-	-	-	-	631-0001
350MAG BRAVO MPI &(Gen+)	95-98	V8	-	F415189 - L325952	-	-	-	E65-0006	E64-0014	-	E66-0004	-
350MAG EFI SKI &(Gen+)	96-97	V8	-	F820707 - K999999	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
350MAG MPI (Gen+) & MIE(Gen+)	98-01	V8	-	L302200 & UP	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
350MAG MPI SKI(Gen+)	99-01	V8	-	L304600 & up	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
350MAG SKI	91-96	V8	-	D505450 - K040399	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
350MAG SKI	91-96	V8	-	D505450 - K040399	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
350MAG SKI	91-97	V8	-	D505450 - K999999	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
350MAG, 5.7L/ LX ALPHA &	94-01	V8	-	F353525 & UP	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
370 TRS	78-85	454/V-8	F	4179554 - 6721527	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
370 TRS	78-85	454/V-8	E	4883520 - 6721527	-	E66-0015	E18-0004	E66-0018	E64-0008	-	-	631-0001
370 TRS	85-87	454/V-8	L	6721528 - B714586	-	-	E18-0004	E65-0009	E64-0010	-	E66-0012	631-0008
377 MAG	08-10	377/V-8	D	A300000 & UP	-	-	-	-	E64-0006	-	-	-
<b>A - Autolite</b>	<b>B-Delco</b>	<b>C-Delco EST</b>	<b>E-Holley</b>	<b>F-Mallory Ignition</b>	<b>G-Mercury HEI</b>	<b>H-Mercury Ignition</b>	<b>I - Prestolite Clip Down</b>					
<b>J-Prestolite w/Clip Down Dist.</b>		<b>K--Screw Down Cap</b>		<b>L-Thunderbolt IV</b>	<b>M-Thunderbolt IV, V</b>	<b>O-Ford HEI</b>	<b>P-Delco Digital System</b>					

Mercruiser Ignitions												
MODEL	Year	Cyl.	Ign Type	Serial #	Con-denser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit W/O Cap	Tune-Up Kit W/ Cap	Spark Plug Wires
377 SCORPION SKI	97-98	377V-8	-	K000656 - L00314	-	-	-	E65-0006	E64-0014	-	E66-0004	-
377 SCORPION MCM	99-05	377V-8	D	L416146 - M907201	-	-	-	E65-0006	E64-0014	-	E66-0004	-
4.3L	88-96	6	L	0B773243 - 0F802999								631-0013
4.3L MPI	02-10	262V-6	D	M300000 & UP	-	-	E11-0002	E65-0008	E64-0007	-	E66-0007	-
4.3L (2bbl)	88-96	262V-6	L	B773243 - F802999	-	-	E18-0008	E65-0004	E64-0013	-	-	-
4.3L (2bbl) (GEN +)	98-10	262V-6	L	L010044 & UP	-	-	-	E65-0004	E64-0013	-	-	-
4.3L Alpha, Bravo	98-Up	6	N	0L010044 - & Up								631-0013
4.3L EFI	99-04	6	N	0L360000 - & Up								631-0013
4.3L EFI (GEN +) (TBI)	98	262V-6	D	L012009 - L359999	-	-	E18-0008	-	-	-	-	-
4.3L EFI (GEN +) (TBI)	99-01	262V-6	G	L360000 - M299999	-	-	E18-0008	E65-0004	E64-0013	-	-	-
4.3L EFI(TBI)	96-Up	V6	-	L012009 - L359999	-	-	-	E65-0014	E64-0005	-	E66-0035	-
4.3L EFI(TBI)	99-01	V6	-	L360000 & UP	-	-	E18-0008	E65-0004	E64-0013	-	E66-0002	631-0013
4.3L EFI,262 Mag(TBI) (Gen+)	96-98	V6	-	F803000 - L359999	-	-	-	E65-0014	E64-0005	-	E66-0035	631-0013
4.3L/LH/LX/LXH Alpha(Gen+)	96-01	V6	-	F803000 & UP	-	-	E18-0008	E65-0004	E64-0013	-	E66-0002	631-0013
4.3L/LH/LX/LXH Bravo(Gen+)	96-01	V6	-	F803000 & UP	-	-	E18-0008	E65-0004	E64-0013	-	E66-0002	631-0013
4.3LH (GEN +) (4bbl)	98-02	262V-6	N	L010044 - M614999	-	-	E18-0008	E65-0004	E64-0013	-	-	-
4.3LH Alpha, Bravo	98-04	6	N	0L010044 - & Up								631-0013
4.3LX (4bbl)	88-96	262V-6	L	B775130 - F802999	-	-	E18-0008	E65-0004	E64-0013	-	-	-
4.3LX (GEN +) (2bbl)	96-97	262V-6	N	F803000 - K999999	-	-	E18-0008	E65-0004	E64-0013	-	-	-
4.3LX, LXH	88-97	6	L	0B775130 - 0K999999								631-0013
400 TRS	80-86	454V-8	F	5668232 - B457644	-	E66-0020	E18-0004	E65-0001	-	-	-	-
400 TRS	80-86	454V-8	E	5668232 - B457644	-	E66-0015	E18-0004	-	E64-0008	-	-	631-0001
440 TRS	83-86	454V-8	F	6181070 - B485220	-	E66-0020	E18-0004	E65-0001	-	-	-	631-0001
454 MAG ALPHA	86-97	454V-8	L	A631894 - B785148	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
454 MAG BRAVO	88-97	454V-8	M	B721206 - K999999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
454 MAG EFI	94-96	454V-8	D	F115700 - F802349	-	-	-	-	E64-0014	-	-	631-0006
454 MAG MPI	96-98	454V-8	D	F802350 - L085009	-	-	-	-	E64-0014	-	-	631-0006
454 MAG MPI	98-01	454V-8	D	L085010 - M024999	-	-	-	-	E64-0014	-	-	631-0006
454 MAG MPI SKI	95-97	454V-8	D	F215800 - K999999	-	-	-	-	E64-0014	-	-	631-0006
<b>A - Autolite    B-Delco    C-Delco EST    E-Holley    F-Mallory Ignition    G-Mercury HEI    H-Mercury Ignition    I - Prestolite Clip Down</b> <b>J-Prestolite w/Clip Down Dist.    K--Screw Down Cap    L-Thunderbolt IV    M-Thunderbolt IV, V    O-Ford HEI    P-Delco Digital System</b>												

Mercruiser Ignitions												
MODEL	Year	Cyl.	Ign Type	Serial #	Con-denser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit W/O Cap	Tune-Up Kit W/ Cap	Spark Plug Wires
454 MAG MPI HORIZON MIE	98-01	454/V-8	D	L002200 - L674000	-	-	-	E65-0006	E64-0014	-	E66-0004	-
454 MAG MPI HORIZON MIE	99-01	454/V-8	-	L086001 - L674000	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
454-EFI,MAG MPI HORIZON MIE	94-01	454/V-8	-	F115700 & UP	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
460 Cyclone	83-85	8	ALL	ALL -								631-0001
460 TRS	83-86	482/V-8	E	6180970 - 6181046	-	E66-0015	E18-0004	E66-0018	E64-0008	-	-	631-0001
460 TRS	83-98	482/V-8	F	6180970 - 6181046	-	E66-0020	E18-0004	E65-0001	E64-0012	-	E66-0022	631-0001
496 / 8.1L	00-Up	V8	-	M025000 & UP	-	-	-	-	-	-	-	631-0020
5.0L MIE	88	305/V-8	L	B788152 - C396832	-	-	E18-0008	E65-0009	E64-0010	-	-	-
5.0L MPI	02-10	305/V-8	D	M300000 & UP	-	-	-	-	-	-	-	631-0011
5.0L (GEN +)	98-10	305/V-8	N	L015751 & UP	-	-	E18-0008	E65-0009	E64-0010	-	-	-
5.0L Alpha & Bravo(Gen+)	98-01	V8	-	L015751 & up	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
5.0L EFI (GEN +)	99	305/V-8	D	L331631 - L331650	-	-	E18-0008	E65-0009	-	-	-	-
5.0L EFI (Gen+)	98	305/V-8	D	L012052 - L331630	-	-	-	E65-0006	E64-0014	-	E66-0004	-
5.0L EFI (Gen +)	99-01	V8	-	L331631 & up	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
5.0L MCM/MIE MPI,	01-Up	V8	-	M300000 & UP	-	-	E11-0002	E65-0008	E64-0006	-	E66-0006	631-0011
5.0LX	88-95	305/V-8	L	B773740 - F600999	-	-	-	E65-0009	E64-0010	-	-	-
5.7L	88-10	350/V-8	M	6218462 & UP	-	-	-	E65-0009	E64-0010	-	-	631-0011
5.7L EFI	95-97	350/V-8	D	F225560 - K999999	-	-	-	-	E64-0014	-	-	631-0011
5.7L EFI (GEN +)	98	350/V-8	D	L010035 - L325976	-	-	-	-	E64-0014	-	-	-
5.7L EFI (GEN +)	98	350/V-8	D	L326000 - L331598	-	-	-	-	E64-0014	-	-	-
5.7L EFI (GEN +)	98	350/V-8	D	L336000 - L339999	-	-	-	-	E64-0014	-	-	-
5.7L EFI (GEN +)	99	350/V-8	G	L325977 - L325999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
5.7L EFI (GEN +)	99	350/V-8	G	L331599 - L331991	-	-	E18-0008	E65-0009	E64-0010	-	-	-
5.7L EFI (GEN +)	99	350/V-8	G	L335716 - L335999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
5.7L EFI (GEN +)	99-01	350/V-8	G	L340000 - M299999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
5.7L EFI MIE (GEN +)	97	350/V-8	G	K040300 - K999999	-	-	-	-	-	-	-	-
5.7L MIE	88-10	350/V-8	M	B788152 & UP	-	-	-	E65-0009	E64-0010	-	-	-
5.7L MPI HORIZON MIE	08-10	350/V-8	D	A090000 & UP	-	-	-	-	E64-0006	-	-	-
5.7L MPI MIE	08-10	350/V-8	D	A090000 & UP	-	-	-	-	E64-0006	-	-	-
5.7L MPI SKI	08-10	350/V-8	D	A090000 & UP	-	-	E18-0004	-	E64-0006	-	-	-
5.7L EFI & (Gen+)	95-98	V8	-	F225560-L339999	-	-	-	E65-0006	E64-0014	-	-	-
5.7L EFI & (Gen+)	99-01	V8	-	L325977 & UP	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
5.7L MIE & SKI	98-Up	V8	-	L002003 & up	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
5.7L SKI	85-95	350/V-8	F	A338553 - F775199	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0010

A - Autolite    B-Delco    C-Delco EST    E-Holley    F-Mallory Ignition    G-Mercury HEI    H-Mercury Ignition    I - Prestolite Clip Down  
 J-Prestolite w/Clip Down Dist.    K--Screw Down Cap    L-Thunderbolt IV    M-Thunderbolt IV, V    O-Ford HEI    P-Delco Digital System

Mercruiser Ignitions												
MODEL	Year	Cyl.	Ign Type	Serial #	Con-denser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit W/O Cap	Tune-Up Kit W/ Cap	Spark Plug Wires
5.7L SKI	85-96	350/V-8	I	A338553 - F775199	-	E66-0025	E18-0004	E65-0013	E64-0016	-	E66-0026	631-0010
5.7L SKI	87-10	350/V-8	M	B514627 & UP	-	-	-	E65-0009	E64-0010	-	-	-
5.7L SKI	87-95	V8	-	B514627 - F775199	-	-	E18-0004	E65-0009	E64-0010	-	E66-0012	-
5.7L SKI	87-97	V8	-	B514627 - K999999	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
5.7L SKI	98-01	V8	-	L002005 & up	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
5.7LX	95-97	350/V-8	N	F601000 - K999999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
5.7LX BRAVO EFI (GEN +)	96-97	350/V-8	D	F800300 - K999999	-	-	-	-	E64-0014	-	-	-
5.7LX EFI	96-97	350/V-8	D	F752400 - K999999	-	-	-	E65-0006	E64-0014	-	E66-0004	-
500 BULLDOG	90-01	540/V-8	M	C577003 - M050281	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
500 EFI	98-05	502/V-8	D	L001477 - M907127	-	-	-	-	E64-0014	-	-	-
500(Gen+)	99	502/V-8	-	L414639 - L601036	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
500GM EFI	98-00	502/V-8	-	0L001477 & up	-	-	-	E65-0006	E64-0014	-	E66-0004	-
502 MAG	90-93	502/V-8	L	C878221 - F114528	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
502 MAG EFI	93-96	502/V-8	D	D840650 - F802599	-	-	-	-	E64-0014	-	-	631-0006
502 MAG MPI	93-98	502/V-8	-	D840650 - L085000	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
502 MAG MPI	96-98	502/V-8	D	F802600 - L085000	-	-	-	-	E64-0014	-	-	631-0006
502GM MAG	98-01	502/V-8	-	L085001 & up	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
525 SC	91-95	502/V-8	-	0D456000-0F877734	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
525 SC	91-99	454/V-8	M	D456000 - L415623	-	-	-	E65-0009	E64-0010	-	-	-
525 SC	96-99	502/V-8	-	0K000012 & up	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
575 SCi	00-05	502/V-8	D	L306696 - M950526	-	-	-	-	E64-0014	-	-	-
575 SCi	00-05	502/V-8	-	L306696 & UP	-	-	-	E65-0006	E64-0014	-	E66-0004	-
600 SC	91-00	502/V-8	M	D456489 - L301186	-	-	E18-0008	E65-0009	E64-0010	-	-	-
600 SC	91-93	502/V-8	-	D456489 - D763875	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
600 SC	93-01	502/V-8	-	D763876 & UP	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
7.4L BRAVO	88-97	454/V-8	M	B771113 - K999999	-	-	-	E65-0009	E64-0010	-	-	-
7.4L MIE	88-97	454/V-8	M	B788366 - K999999	-	-	-	E65-0009	E64-0010	-	-	-
7.4L MPI (L29)	98-01	454/V-8	D	L010003 - M024330	-	-	-	-	E64-0014	-	-	631-0006
7.4L MPI MIE	95-97	454/V-8	D	F563052 - K999999	-	-	-	-	E64-0014	-	-	631-0006
7.4L MPI MIE (L29)	98-01	454/V-8	D	L002006 - L674613	-	-	-	-	E64-0014	-	-	631-0006
7.4L TBI MIE	96-97	454/V-8	D	F874815 - K999999	-	-	-	-	E64-0014	-	-	-
7.4LX BRAVO EFI	96-97	454/V-8	D	F820000 - K999999	-	-	-	-	E64-0014	-	-	631-0006
7.4LX BRAVO MPI	96-97	454/V-8	D	F602010 - K999999	-	-	-	-	E64-0014	-	-	631-0006
8.2L MIE	90-96	502/V-8	M	C878221 - F819619	-	-	E18-0008	-	E64-0010	-	-	-
8.2L MPI MIE	96-98	502/V-8	D	F819620 - L086012	-	-	-	-	E64-0014	-	-	-
8.2L MPI MIE	98-01	502/V-8	D	L086013 - L674200	-	-	-	-	E64-0014	-	-	-
8.2L GM MPI MIE	90-96	502/V-8	-	C878221 - F819619	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	631-0008
8.2L GM MPI MIE	96-01	502/V-8	-	F819620 & up	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
800 SC	93-98	572/V-8	M	D763836 & UP	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-

A - Autolite    B-Delco    C-Delco EST    E-Holley    F-Mallory Ignition    G-Mercury HEI    H-Mercury Ignition    I - Prestolite Clip Down  
 J-Prestolite w/Clip Down Dist.    K--Screw Down Cap    L-Thunderbolt IV    M-Thunderbolt IV, V    O-Ford HEI    P-Delco Digital System

Mercruiser Ignitions												
MODEL	Year	Cyl.	Ign Type	Serial #	Con-denser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit W/O Cap	Tune-Up Kit W/ Cap	Spark Plug Wires
888 (FORD)	71-77	302V-8	H	3108723 - 4887829	-	E66-0015	E18-0004	E66-0018	E64-0008	-	-	631-0001
888 (FORD)	71-77	302V-8	A	3108723 - 4887829	-	-	E18-0004	E66-0018	E64-0008	-	-	631-0001
888 (FORD)	71-77	302V-8	I	3108723 - 4887829	E66-0019	E66-0025	E18-0004	E65-0011	E64-0017	E66-0031	E66-0027	631-0001
888 (FORD)	71-77	302V-8	F	3108723 - 4887829	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
BLACK SCORPION SKI (GEN +)	03-07	350V-8	G	M391600 - W698432	-	-	-	-	E64-0010	-	-	-
BLACK SCORPION SKI (GEN +)	96-03	350V-8	D	F800000 - M391599	-	-	-	-	E64-0014	-	-	631-0006
BLACK SCORPION SKI(Gen+) (350cid)	96	V8	-	F800000 - K040000	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
BLACK SCORPION SKI(Gen+) (350cid)	97-98	V8	-	K040001 - L005600	-	-	-	E65-0006	E64-0014	-	E66-0004	-
BLACK SCORPION SKI(Gen+) (350cid)	98-02	V8	-	L005601 - M391599	-	-	-	E65-0006	E64-0014	-	E66-0004	-
MX 6.2L BLACK SCORPION SKI	01-03	377V-8	D	F800000 - M391599	-	-	-	-	E64-0014	-	-	-
MX 6.2L BLACK SCORPION SKI	03-07	377V-8	G	M391600 - W698432	-	-	-	-	E64-0010	-	-	-
MX 6.2L MPI	00-01	377V-8	G	L680003 - M299999	-	-	E18-0008	E65-0009	E64-0010	-	E66-0012	-
MX 6.2L MPI	01-04	377V-8	-	M300000 & UP	-	-	E11-0002	E65-0008	E64-0006	-	E66-0006	631-0011
MX 6.2L MPI HORIZON	02-07	377V-8	D	M300000 - A299999	-	-	E11-0002	E65-0008	E64-0006	-	E66-0006	631-0011
MX 6.2L MPI (377CID)	02-07	377V-8	D	M300000 - A299999	-	-	-	E65-0008	E64-0006	-	E66-0006	631-0011
MX 6.2L MPI HORIZON MIE	02-10	377V-8	D	M300000 & UP	-	-	E11-0002	E65-0008	E64-0006	-	E66-0006	631-0011
MX 6.2L MPI MIE	00-01	377V-8	G	L670000 - M299999	-	-	E18-0008	E65-0009	E64-0010	-	-	-
MX 6.2L MPI MIE	02-10	377V-8	D	M300000 - & UP	-	-	-	-	E64-0006	-	-	631-0011
MX 6.2L MPI SKI	02-07	377V-8	D	M317000 - A089999	-	-	-	E65-0008	E64-0006	-	E66-0006	631-0011
PRESTOLITE REPLC IGN	2010	4 CYL	I		-	E66-0025	-	E65-0013	-	-	-	-
PRESTOLITE REPLC IGN	2010	6 CYL	I		-	E66-0025	E18-0004	E65-0013	E64-0001	-	-	-
PRESTOLITE REPLC IGN	63-89	4 CYL	I	1537370 - C853255	-	E66-0025	-	E65-0013	-	-	-	-
PRESTOLITE REPLC IGN	68-91	4 CYL	I	2508261 - D504541	-	E66-0025	-	E65-0013	-	-	-	-
SCORPION 350	08-10	350V-8	G	W698433 & UP	-	-	-	-	E64-0010	-	-	-
SCORPION 377	08-10	377V-8	G	W698433 & UP	-	-	-	-	E64-0010	-	-	-

A - Autolite    B-Delco    C-Delco EST    E-Holley    F-Mallory Ignition    G-Mercury HEI    H-Mercury Ignition    I - Prestolite Clip Down  
 J-Prestolite w/Clip Down Dist.    K--Screw Down Cap    L-Thunderbolt IV    M-Thunderbolt IV, V    O-Ford HEI    P-Delco Digital System

OMC Ignitions												
Model	Year	Cyl.	Distributor No.	Condenser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit w/o Cap	Tune-Up Kit w/ Cap	Spark Plug Wires	
2.3L	87-90	4	F	E66-0010	E66-0020	-	E65-0001	E64-0015	-	E66-0011	-	
2.3L	90-90	4	I	E66-0019	E66-0025	-	E65-0013	-	E66-0033	-	-	
2.5L	81-86	4	B	E66-0008	E66-0017	-	E65-0003	E64-0002	E66-0021	E66-0001	631-0007	

A - Autolite    C - Delco EST    E - Holley    G - Mercury HEI    I - Prestolite Clip down    K - Screw Down Cap    M - Thunderbolt IV, V    O - Ford HEI  
 B - Delco    D - Delco HEI    F - Mallory Ignition    H - Mercury Ignition    J - Prestolite w/ Clip Down Dist.    L - Thunderbolt IV    N - Thunderbolt V    P - Ford HEI

OMC Ignitions											
Model	Year	Cyl.	Distributor No.	Condenser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit w/o Cap	Tune-Up Kit w/ Cap	Spark Plug Wires
3.0L	82-90	4	B	E66-0008	E66-0017	-	E65-0003	E64-0002	E66-0021	E66-0001	631-0007
3.0L	90-98	4	C	-	-	-	E65-0005	E64-0004	-	E66-0003	631-0023
3.8L	81-85	6	I	E66-0019	E66-0025	-	E65-0013	E64-0001	-	E66-0028	631-0017
4.3L	85-90	6	K	E66-0019	E66-0025	-	E65-0013	E64-0001	-	E66-0028	631-0017
4.3L	91-93	6	I	-	-	-	E65-0013	E64-0001	-	-	631-0017
4.3L	94-98	6	C	-	-	-	E65-0014	-	-	E66-0035	-
5.0L (GM)	79-82	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
5.0L (GM)	81-88	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0010
5.0L (GM)	83-88	8	K	E66-0019	E66-0025	-	E65-0013	E64-0016	-	E66-0026	631-0010
5.0L	89-90	8	K	E66-0019	E66-0025	-	E65-0013	E64-0016	-	E66-0026	631-0025
(Ford)											
5.0L	91-96	8	I	-	-	-	E65-0013	E64-0016	-	E66-0029	631-0025
(Ford)											
5.0L	93-96	8	O	-	-	-	E65-0002	E64-0009	-	-	-
(Ford)											
5.0L (GM)	98	8	I	-	-	-	E65-0013	E64-0016	-	E66-0029	631-0017
5.0L (GM)	98	8	C	-	-	-	E65-0006	E64-0014	-	E66-0004	-
5.7L	82-90	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0010
5.7L	82-90	8	K	E66-0019	E66-0025	-	E65-0013	E64-0016	-	E66-0026	631-0010
5.7L	91-98	8	K	-	-	-	E65-0013	E64-0016	-	E66-0029	631-0010
5.7L	96-98	8	C	-	-	-	E65-0006	E64-0014	-	E66-0004	-
5.8L	89-90	8	K	E66-0019	E66-0025	-	E65-0013	E64-0016	-	E66-0026	-
5.8L	91-96	8	K	-	-	-	E65-0013	E64-0016	-	E66-0029	-
5.8L	93-96	8	O	-	-	-	E65-0002	E64-0009	-	-	-
7.4L	88	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0010
7.4L	88	8	K	E66-0019	E66-0025	-	E65-0013	E64-0016	-	E66-0026	631-0010
7.4L	90-91	8	-	-	-	-	-	-	-	-	-
7.4L	95-98	8	C	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
7.5L	87	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0001
7.5L	87-89	8	J	E66-0019	E66-0025	-	E65-0011	E64-0016	E66-0031	E66-0027	631-0001
8.2L	84-85	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0010
8.2L	84-85	8	K	E66-0019	E66-0025	-	E65-0013	E64-0016	-	E66-0026	631-0010
8.2L	98	8	C	-	-	-	E65-0006	E64-0014	-	E66-0004	631-0006
80	62-68	4	ALL	-	-	-	-	-	-	-	631-0007
90	62-68	4	ALL	-	-	-	-	-	-	-	631-0007
100	72-73	4	B	E66-0008	E66-0017	-	E65-0003	E64-0002	E66-0021	E66-0001	631-0007
110	64	4	B	E66-0008	E66-0017	-	E65-0003	E64-0002	E66-0021	E66-0001	631-0007
120	65-81	4	B	E66-0008	E66-0017	-	E65-0003	E64-0002	E66-0021	E66-0001	631-0007
140	73-81	4	B	E66-0008	E66-0017	-	E65-0003	E64-0002	E66-0021	E66-0001	631-0007
150	64-66	6	B	E66-0008	-	-	-	-	-	-	631-0022
155	67-72	6	B	E66-0013	-	-	-	-	-	-	631-0022
165	72-76	6	B	E66-0008	E66-0017	-	E65-0003	E64-0003	E66-0021	E66-0034	631-0022
170	74	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010

A - Autolite C - Delco EST E - Holley G - Mercury HEI I - Prestolite Clip down K - Screw Down Cap M - Thunderbolt IV, V O - Ford HEI  
 B - Delco D - Delco HEI F - Mallory Ignition H - Mercury Ignition J - Prestolite w/ Clip Down Dist. L - Thunderbolt IV N - Thunderbolt V P - Ford HEI

OMC Ignitions											
Model	Year	Cyl.	Distributor No.	Condenser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit w/o Cap	Tune-Up Kit w/ Cap	Spark Plug Wires
175	75-77	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
185	67-68	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
185	78-80	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0010
185	78-80	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
190	74-77	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
200	66	8	B	E66-0008	-	-	-	-	-	-	631-0022
200	67-68	8	B	E66-0013	-	-	-	-	-	-	631-0022
200	79-88	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0010
200	79-81	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
210	68-70	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
215	71	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
225	72-76	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
225	78	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	-	E66-0023	631-0010
230	79-81	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0010
230	79-81	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
230	75-76	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
235	71	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
235	75-77	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
240	78	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
245	75	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
250	70-74	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
250	79	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
260	75-76	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
260	79-81	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0010
260	79-81	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
290 JET	74-75	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
305	77-79	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
305	80-81	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0010
305	81	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
350	77-79	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0010
350	80-81	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0010
350	81	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0010
454	77-79	8	F	E66-0010	E66-0020	-	-	-	-	-	631-0001
454	80-81	8	F	E66-0010	E66-0020	-	E65-0001	E64-0012	E66-0022	E66-0023	631-0001
454	81	8	J	E66-0019	E66-0025	-	E65-0011	E64-0017	E66-0031	E66-0027	631-0001

A - Autolite C - Delco EST E - Holley G - Mercury HEI I - Prestolite Clip down K - Screw Down Cap M - Thunderbolt IV, V O - Ford HEI  
 B - Delco D - Delco HEI F - Mallory Ignition H - Mercury Ignition J - Prestolite w/ Clip Down Dist. L - Thunderbolt IV N - Thunderbolt V P - Ford HEI

## Pleasurecraft Ignitions

Model	Year	Cyl.	Dist. No.	Condenser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit w/o Cap	Tune-Up Kit w/Cap	Spark Plug Wires
1C	59-72	4	IGW-4118A	E66-0008	-	E18-0005	-	-	-	-	-
1C	59-73	4	IGW-4301	E66-0008	-	E18-0005	-	-	-	-	-
3.8L Eng.	84-88	6	IBM-7014A	E66-0008	E66-0025	E18-0004	E65-0013	E64-0001	E66-0033	E66-0028	-



## Pleasurecraft Ignitions

Model	Year	Cyl.	Dist. No.	Condenser	Contact Set	Coil	Rotor	Dist. Cap	Tune-Up Kit w/o Cap	Tune-Up Kit w/Cap	Spark Plug Wires
Mercury Dist.	73-74	8	B64025A2	-	E66-0015	E18-0004	-	E64-0008	-	-	-
305,350, 454 Eng.	76-82	8	IBM-7011	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	E66-0026	-
305, 350, 454 Eng	83-88	8	IBM-7013	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	E66-0026	-
Ford 302 Eng.	75-86	8	IBM-7007, A	E66-0008	E66-0025	E18-0004	E65-0011	E64-0017	E66-0030	E66-0027	-
Ford 351, 460	75-86	8	IBM-7008, A, B, C	E66-0008	E66-0025	E18-0004	E65-0011	E64-0017	E66-0030	E66-0027	-
Ford 302 Eng.	86-UP	8	Prestolite	-	-	E18-0004	E65-0013	E64-0016	-	-	-
—	87	8	Prestolite	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	E66-0026	-
—	ALL	8	Mallory	E66-0010	E66-0020	E18-0004	E65-0001	E64-0012	E66-0022	E66-0023	-

## Pleasurecraft Spark Plug Wires

Model	Year	Cyl.	Distributor Type	Serial No.	Spark Plug Wires
220 (305 CID 5.0L)	87-92	8	Mallory/Prestolite	68073 - 90232	631-0001
270 (350 CID 5.7L)	Up to 87	8	Mallory/Prestolite	Up to 68702	631-0001
270 (350 CID 5.7L)	87-92	8	Mallory/Prestolite	68073 - 90232	631-0001
5.7L Classic	99-UP	8	Mallory	-	631-0001
MP6.0L	2002-UP	8	Distributorless	-	631-0020
350 (454 CID 7.4L)	Up to 91	8	Mallory	Up to 88710	631-0001
MP8.1L	ALL	8	Distributorless	-	631-0020
502 (502 CID 8.2L)	Up to 91	8	Prestolite	Up to 88710	631-0001
262 CID 4.3L	ALL	6	Prestolite	-	631-0017
262 CID 4.3L	ALL	6	Delco EST	-	631-0013
220 (305 CID 5.0L)	Up to 87	8	Mallory/Prestolite	Up to 68702	631-0001

## Volvo Ignitions

Model	Ign Type	Pick-Up Coil	Condenser	Contact Points	Ignition Coil	Rotor	Dist. Cap	Tune-Up Kit	Spark Plug Wires
AQ100	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
AQ110	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
AQ115A	231153010	-	-	E66-0024	-	E65-0015	-	-	-
AQ115A	231153012	-	-	E66-0024	-	E65-0015	-	-	-
AQ115B	231153010	-	-	E66-0024	-	E65-0015	-	-	-
AQ115B	231153012	-	-	E66-0024	-	E65-0015	-	-	-
AQ120	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
AQ120B	231178017	-	-	E66-0024	-	E65-0015	E64-0011	-	631-0027
AQ120B	231178016	-	-	E66-0024	-	E65-0015	-	-	631-0027
AQ120B	231178018	-	-	E66-0024	-	E65-0015	-	-	631-0027
AQ120B	VOLVO	-	-	-	-	-	-	-	631-0027
AQ125A, B	ALL	-	-	E66-0024	-	E65-0015	E64-0011	-	631-0027
AQ130A	231153010	-	-	E66-0024	-	E65-0015	-	-	-
AQ130A	231153012	-	-	E66-0024	-	E65-0015	-	-	-
AQ130B	231153010	-	-	E66-0024	-	E65-0015	-	-	-
AQ130B	231153012	-	-	E66-0024	-	E65-0015	-	-	-
AQ130C	231153010	-	-	E66-0024	-	E65-0015	-	-	-
AQ130C	231153012	-	-	E66-0024	-	E65-0015	-	-	-

## Volvo Ignitions

Model	Ign Type	Pick-Up Coil	Condenser	Contact Points	Ignition Coil	Rotor	Dist. Cap	Tune-Up Kit	Spark Plug Wires
AQ130D	231153010	-	-	E66-0024	-	E65-0015	-	-	-
AQ130D	231153012	-	-	E66-0024	-	E65-0015	-	-	-
AQ131A, B, C, D	ALL	-	-	E66-0024	-	E65-0015	E64-0011	-	631-0027
AQ140A	231178017	-	-	E66-0024	-	E65-0015	E64-0011	-	631-0027
AQ140A	231178016	-	-	E66-0024	-	E65-0015	-	-	631-0027
AQ140A	231178018	-	-	E66-0024	-	E65-0015	-	-	631-0027
AQ140A	VOLVO	-	-	-	-	-	-	-	631-0027
AQ145A, B	ALL	-	-	E66-0024	-	E65-0015	E64-0011	-	631-0027
AQ151A, B, C	ALL	-	-	E66-0024	-	E65-0015	E64-0011	-	-
AQ165A	231116054	-	-	-	-	E65-0015	-	-	-
AQ165A	231116060	-	-	-	-	E65-0015	-	-	-
AQ165A	231121008	-	-	E66-0024	-	E65-0015	-	-	-
AQ165A	231311002	-	-	-	-	E65-0015	-	-	-
AQ170A	231116054	-	-	-	-	E65-0015	-	-	-
AQ170A	231116060	-	-	-	-	E65-0015	-	-	-
AQ170A	231121008	-	-	E66-0024	-	E65-0015	-	-	-
AQ170B	231116054	-	-	-	-	E65-0015	-	-	-
AQ170B	231116060	-	-	-	-	E65-0015	-	-	-
AQ170B	231121008	-	-	E66-0024	-	E65-0015	-	-	-
AQ170C	231116054	-	-	-	-	E65-0015	-	-	-
AQ170C	231121008	-	-	E66-0024	-	E65-0015	-	-	-
AQ175A	ALL	-	E66-0008	E66-0025	E18-0004	-	E64-0017	-	631-0017
AQ190A	ALL	-	E66-0008	E66-0025	-	-	E64-0017	-	631-0010
AQ200B	MALLORY FLAT CAP	-	E66-0010	E66-0020	-	-	-	-	-
AQ200B	MALLORY TALL CAP	-	E66-0008	E66-0025	-	E65-0013	E64-0016	E66-0033	631-0010
AQ200C	MALLORY FLAT CAP	-	E66-0010	E66-0020	E18-0004	-	-	-	-
AQ200C	MALLORY TALL CAP	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	631-0010
AQ200D	S/N 20459 & BELOW	-	E66-0008	E66-0025	E18-0004	-	E64-0017	-	-
AQ200D	S/N 20460 & UP	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	-
AQ200F	ALL	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	-
AQ205A	ALL	-	-	-	-	E65-0013	E64-0001	-	631-0017
AQ211A	ALL	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	631-0010
AQ225B	MALLORY FLAT CAP	-	E66-0010	E66-0020	-	-	-	-	-
AQ225B	MALLORY TALL CAP	-	E66-0008	E66-0025	-	E65-0013	E64-0016	E66-0033	631-0010
AQ225C	ALL	-	E66-0010	E66-0020	E18-0004	-	-	-	-
AQ225D	S/N 20459 & BELOW	-	E66-0008	E66-0025	E18-0004	-	E64-0017	-	-
AQ225D	S/N 20460 & UP	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	-
AQ225E	ALL	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	-
AQ225F	ALL	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	-
AQ231A, B	ALL	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	631-0010
AQ240A	ALL	-	E66-0008	E66-0025	-	E65-0013	E64-0017	E66-0033	631-0010

## Volvo Ignitions

Model	Ign Type	Pick-Up Coil	Condenser	Contact Points	Ignition Coil	Rotor	Dist. Cap	Tune-Up Kit	Spark Plug Wires
AQ255A, B	MALLORY FLAT CAP	-	E66-0010	E66-0020	E18-0004	-	-	-	-
AQ255B	MALLORY TALL CAP	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	631-0010
AQ260A	MALLORY FLAT CAP	-	E66-0010	E66-0020	E18-0004	-	-	-	-
AQ260A, B	MALLORY TALL CAP	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	631-0010
AQ271A, B, C, D	ALL	-	-	-	E18-0004	E65-0013	E64-0016	-	631-0010
AQ280A	MALLORY FLAT CAP	-	E66-0010	E66-0020	-	-	-	-	-
AQ280A	MALLORY TALL CAP	-	E66-0008	E66-0025	-	E65-0013	E64-0016	E66-0033	631-0010
AQ290A	MALLORY FLAT CAP	-	E66-0010	E66-0020	E18-0004	-	-	-	-
AQ290A	MALLORY TALL CAP	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	631-0010
AQ311A, B	ALL	-	-	-	-	E65-0013	E64-0016	-	631-0010
AQ60F	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
AQ90	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
AQ95	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
AQ95A	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
BB100	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
BB115A	231153010	-	-	E66-0024	-	E65-0015	-	-	-
BB115A	231153012	-	-	E66-0024	-	E65-0015	-	-	-
BB115B	231153010	-	-	E66-0024	-	E65-0015	-	-	-
BB115B	231153012	-	-	E66-0024	-	E65-0015	-	-	-
BB115C	231153010	-	-	E66-0024	-	E65-0015	-	-	-
BB115C	231153012	-	-	E66-0024	-	E65-0015	-	-	-
BB140A	231178017	-	-	E66-0024	-	E65-0015	E64-0011	-	-
BB140A	231178016	-	-	E66-0024	-	E65-0015	-	-	-
BB140A	231178018	-	-	E66-0024	-	E65-0015	-	-	-
BB145A	ALL	-	-	E66-0024	-	E65-0015	E64-0011	-	-
BB165A	231116054	-	-	-	-	E65-0015	-	-	-
BB165A	231116060	-	-	-	-	E65-0015	-	-	-
BB165A	231121008	-	-	E66-0024	-	E65-0015	-	-	-
BB165A	231311002	-	-	-	-	E65-0015	-	-	-
BB170A	231116054	-	-	-	-	E65-0015	-	-	-
BB170A	231116060	-	-	-	-	E65-0015	-	-	-
BB170A	231121008	-	-	E66-0024	-	E65-0015	-	-	-
BB170A	231311002	-	-	-	-	E65-0015	-	-	-
BB170B	231116054	-	-	-	-	E65-0015	-	-	-
BB170B	231116060	-	-	-	-	E65-0015	-	-	-
BB170B	231121008	-	-	E66-0024	-	E65-0015	-	-	-
BB170B	231311002	-	-	-	-	E65-0015	-	-	-
BB170C	231116054	-	-	-	-	E65-0015	-	-	-
BB170C	231116060	-	-	-	-	E65-0015	-	-	-
BB170C	231121008	-	-	E66-0024	-	E65-0015	-	-	-
BB170C	231311002	-	-	-	-	E65-0015	-	-	-

## Volvo Ignitions

Model	Ign Type	Pick-Up Coil	Condenser	Contact Points	Ignition Coil	Rotor	Dist. Cap	Tune-Up Kit	Spark Plug Wires
BB225A, AV, B, C	ALL	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	631-0010
BB231A	ALL	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	631-0010
BB260A, AV, B, C	ALL	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	631-0010
BB261A	ALL	-	E66-0008	E66-0025	E18-0004	E65-0013	E64-0016	E66-0033	631-0010
BB30	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
DPX375	DELCO	-	-	-	E18-0006	-	-	-	631-0020
DPX375	Distributorless	-	-	-	-	-	-	-	631-0020
DPX375-CF	DELCO	-	-	-	E18-0007	-	-	-	631-0020
DPX385	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
DPX415	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
DPX420	DELCO	-	-	-	E18-0006	-	-	-	631-0020
DPX420	Distributorless	-	-	-	-	-	-	-	631-0020
DPX420-CF	DELCO	-	-	-	E18-0007	-	-	-	631-0020
MB10A	ALL	-	-	E66-0024	-	E65-0015	-	-	-
MB18	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
MB18F	BOSCH	-	E66-0014	-	-	E65-0015	-	-	-
MB20A	ALL	-	-	E66-0024	-	E65-0015	-	-	-
MB20B	231110043	-	E66-0014	-	-	E65-0015	-	-	-
MB20B	231178005	-	-	E66-0024	-	E65-0015	-	-	-
MB20C	231110043	-	E66-0014	-	-	E65-0015	-	-	-
MB20C	231178005	-	-	E66-0024	-	E65-0015	-	-	-
230A, B	ALL	-	-	E66-0024	-	E65-0015	E64-0011	-	631-0027
250A, B	ALL	-	-	E66-0024	-	E65-0015	E64-0011	-	631-0027
3.0GL	DELCO EST	E13-0012	-	-	-	E65-0005	E64-0004	E66-0003	-
3.0GS	DELCO EST	E13-0012	-	-	-	E65-0005	E64-0004	E66-0003	-
3.0GXi	DELCO EST	E13-0012	-	-	E11-0002	E65-0005	E64-0004	E66-0003	-
4.3Gi	DELCO HVS	-	-	-	-	E65-0008	E64-0007	E66-0007	-
4.3Gi	DELCO EST	E13-0012	-	-	E18-0006	E65-0014	E64-0005	E66-0035	-
4.3GL	DELCO EST	E13-0012	-	-	E18-0006	E65-0014	E64-0005	E66-0035	-
4.3GS	DELCO EST	E13-0012	-	-	E18-0006	E65-0014	E64-0005	E66-0035	-
4.3GXi	DELCO EST	E13-0012	-	-	E18-0006	E65-0014	E64-0005	E66-0035	-
4.3GXi	DELCO HVS	-	-	-	-	E65-0008	E64-0007	E66-0007	-
4.3Si	DELCO HVS	-	-	-	-	E65-0008	E64-0007	E66-0007	-
430A	ALL	-	-	-	-	E65-0013	E64-0001	-	-
430B	ALL	-	-	-	-	E65-0013	E64-0001	-	-
431A	ALL	-	-	-	-	E65-0013	E64-0001	-	-
431B	ALL	-	-	-	-	E65-0013	E64-0001	-	-
432A	DELCO EST	E13-0012	-	-	-	E65-0014	E64-0005	E66-0035	-
434A	DELCO EST	E13-0012	-	-	-	E65-0014	E64-0005	E66-0035	-
5.0Fi	FORD	-	-	-	E18-0010	E65-0002	E64-0009	-	-
5.0FL	PRESTOLITE	-	-	-	E18-0002	E65-0013	E64-0016	-	631-0010
5.0GI	DELCO EST	E13-0012	-	-	E18-0006	E65-0006	E64-0014	E66-0004	-
5.0GIC	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.0GL	PRESTOLITE	-	-	-	E18-0002	E65-0013	E64-0016	-	631-0010
5.0GL	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
5.0GXi	DELCO EST	E13-0012	-	-	E18-0006	E65-0006	E64-0014	E66-0004	-

## Volvo Ignitions

Model	Ign Type	Pick-Up Coil	Condenser	Contact Points	Ignition Coil	Rotor	Dist. Cap	Tune-Up Kit	Spark Plug Wires
5.0GXi	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.0GXIE	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.0OSi	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.0OSIE	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7GI	DELCO EST	E13-0012	-	-	E18-0006	E65-0006	E64-0014	E66-0004	-
5.7Gi	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7Gi	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
5.7GIC	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7GICE	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7GIE	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7GIL	DELCO HVS	-	-	-	-	-	-	-	631-0011
5.7GL	MALLORY	-	-	-	-	E65-0013	E64-0016	-	631-0010
5.7GL	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
5.7GL	PRESTOLITE	-	-	-	E18-0002	E65-0013	E64-0016	-	631-0010
5.7GL-A	MALLORY	-	-	-	-	-	-	-	631-0010
5.7GSi	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
5.7GSii	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
5.7GSP	PRESTOLITE	-	-	-	E18-0002	E65-0013	E64-0016	-	631-0010
5.7GXi	DELCO EST	E13-0012	-	-	E18-0006	E65-0006	E64-0014	E66-0004	-
5.7GXi	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7GXiC	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7GXICE	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7GXIE	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7GXii	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7GXii	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
5.7GXIL	DELCO HVS	-	-	-	-	-	-	-	631-0011
5.7OSi	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7OSIE	DELCO HVS	-	-	-	-	-	-	-	631-0011
5.7OSXi	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
5.7OSXIE	DELCO HVS	-	-	-	-	-	-	-	631-0011
5.8Fi	FORD	-	-	-	E18-0010	E65-0002	E64-0009	-	-
5.8FL	PRESTOLITE	-	-	-	E18-0002	E65-0013	E64-0016	-	-
5.8FSi	PRESTOLITE	-	-	-	E18-0002	E65-0013	E64-0016	-	-
500A	ALL	-	-	-	-	E65-0013	E64-0016	-	-
500B	ALL	-	-	-	-	E65-0013	E64-0016	-	-
501A	ALL	-	-	-	-	E65-0013	E64-0016	-	-
501A/MS4	ALL	-	-	-	-	E65-0013	E64-0016	-	-
501B	ALL	-	-	-	-	E65-0013	E64-0016	-	-
570A	ALL	-	-	-	-	E65-0013	E64-0016	-	-
571A	ALL	-	-	-	-	E65-0013	E64-0016	-	-
572A	ALL	-	-	-	-	E65-0013	E64-0016	-	-
7.4Gi	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
7.4GL	PRESTOLITE	-	-	-	E18-0002	E65-0013	E64-0016	-	631-0010
7.4GL	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
7.4GLI	Prestolite	-	-	-	-	-	-	-	631-0010
7.4GLP	Prestolite	-	-	-	-	-	-	-	631-0010
7.4GSi	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-

## Volvo Ignitions

Model	Ign Type	Pick-Up Coil	Condenser	Contact Points	Ignition Coil	Rotor	Dist. Cap	Tune-Up Kit	Spark Plug Wires
740A	ALL	-	-	-	-	E65-0013	E64-0016	-	-
740AMS5	ALL	-	-	-	-	E65-0013	E64-0016	-	-
740B	ALL	-	-	-	-	E65-0013	E64-0016	-	-
8.1Gi	DELCO	-	-	-	E18-0007	-	-	-	631-0020
8.1Gi-A	DELCO	-	-	-	E18-0006	-	-	-	631-0020
8.1Gi-A	Distributorless	-	-	-	-	-	-	-	631-0020
8.1Gi-B	DELCO	-	-	-	E18-0006	-	-	-	631-0020
8.1Gi-BF	DELCO	-	-	-	E18-0006	-	-	-	631-0020
8.1GiC	Distributorless	-	-	-	-	-	-	-	631-0020
8.1Gi-C	DELCO	-	-	-	E18-0007	-	-	-	631-0020
8.1GiC-400	DELCO	-	-	-	E18-0007	-	-	-	631-0020
8.1GiCE	DELCO	-	-	-	E18-0007	-	-	-	631-0020
8.1GiCE	Distributorless	-	-	-	-	-	-	-	631-0020
8.1GiE	DELCO	-	-	-	E18-0007	-	-	-	631-0020
8.1GiE	Distributorless	-	-	-	-	-	-	-	631-0020
8.1Gii	DELCO	-	-	-	E18-0007	-	-	-	631-0020
8.1Gii-A	DELCO	-	-	-	E18-0006	-	-	-	631-0020
8.1Gii-B	DELCO	-	-	-	E18-0006	-	-	-	631-0020
8.1GiL	Distributorless	-	-	-	-	-	-	-	631-0020
8.1GSi	Distributorless	-	-	-	-	-	-	-	631-0020
8.1GSi-A	DELCO	-	-	-	E18-0006	-	-	-	631-0020
8.1GXi	DELCO	-	-	-	E18-0007	-	-	-	631-0020
8.1GXi	Distributorless	-	-	-	-	-	-	-	631-0020
8.1GXi-A	DELCO	-	-	-	E18-0006	-	-	-	631-0020
8.1GXi-AF	DELCO	-	-	-	E18-0006	-	-	-	631-0020
8.1GXIE	Distributorless	-	-	-	-	-	-	-	631-0020
8.1GXii	DELCO	-	-	-	E18-0007	-	-	-	631-0020
8.1GXii	Distributorless	-	-	-	-	-	-	-	631-0020
8.1GXii-A	DELCO	-	-	-	E18-0006	-	-	-	631-0020
8.1IPS	DELCO	-	-	-	E18-0007	-	-	-	631-0020
8.1IPSCE	Distributorless	-	-	-	-	-	-	-	631-0020
8.1OSi	DELCO	-	-	-	E18-0007	-	-	-	631-0020
8.1OSi	Distributorless	-	-	-	-	-	-	-	631-0020
8.1OSiE	Distributorless	-	-	-	-	-	-	-	631-0020
8.2GL	PRESTOLITE	-	-	-	E18-0002	E65-0013	E64-0016	-	-
8.2GSi	DELCO EST	E13-0012	-	-	-	E65-0006	E64-0014	E66-0004	-
V6-200	DELCO HVS	-	-	-	-	E65-0008	E64-0007	E66-0007	-
V6-225	DELCO HVS	-	-	-	-	E65-0008	E64-0007	E66-0007	-
V8-225	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
V8-270	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
V8-300	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
V8-320	DELCO HVS	-	-	-	-	E65-0008	E64-0006	E66-0006	631-0011
V8-350	-	-	-	-	-	-	-	-	631-0020
V8-380	-	-	-	-	-	-	-	-	631-0020
V8-430	-	-	-	-	-	-	-	-	631-0020

# CDI Electronics®

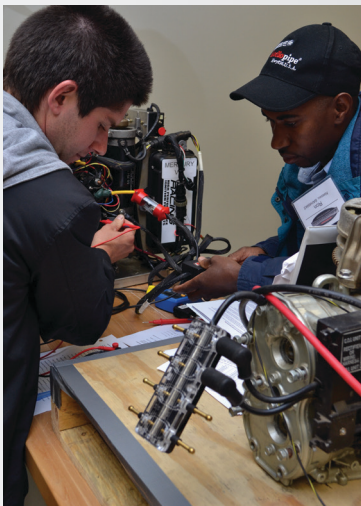
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**Fred Muzer**  
Michigan

### HANDS ON ENGINE TESTING!



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Come to Huntsville, Alabama, ranked in the TOP 10 Smartest Cities in the World\*, to learn directly from the marine ignition experts.

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- DVA Explained
- Basic Multimeter Functions
- Bench Testing Various Parts
- Testing Parts on the Engine Versus Bench
- Calculating Current Flow

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- Basic Electrical Concepts
- Boat-Tronics 201
- Electronic Fuel Injection
- Direct Fuel Injection
- 2-Stroke & 4-Stroke Outboards with M.E.D.S.
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# Tools & Test Equipment

*BETTER THAN THE OEM*



**TEMPERATURE METER** 168

**DIGITAL MULTIMETERS** 168

**FUSE** 168

**SPARK TESTER** 168

**DIAGNOSTIC TOOL KITS** 169

**GEARCASE FILLER & ATTACHMENTS** 172

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## Tools &amp; Test Equipment

**Best Seller**

### 511-0300 Infrared Temperature Meter

Bright laser beam provides easy targeting, 500 ms Response Time, 0.1° resolution up to 716°, Easily switch from C to F range, Low battery indicator, Min and Max recording of temperature, White backlight illuminates the screen in the dark, Automatic sleep mode after 8 sec. extends battery life.



### 511-33 Digital Multimeter

Auto-ranging, DC & AC volts range 0.0001 to 1000 volts, Diode, Continuity beeper, milli and micro ampere, Amps (10 amps Max), Ohms, Auto shutdown Case



### 511-33A Digital Multimeter

Auto-ranging, DC & AC volts range 0.0001 to 1000 volts, Diode, Continuity beeper, milli and micro ampere, Amps (10 amps Max), Ohms, Temperature, Auto shutdown, Back lighted display, Includes 511-9773NL DVA Adapter, Storage Case, Test Leads & Manual.



### 511-60 Digital Multimeter

Auto-ranging, DC & AC volts range 0.0001 to 1000 volts, Diode, Continuity beeper, Milli and Micro ampere, Amps (10 ams Max), Ohms, Temperature, Auto shutdown, Back lighted display

**Best Seller**

### 511-60A Digital Multimeter

Auto-ranging, DC & AC volts range 0.0001 to 1000 volts, Diode, Continuity beeper, milli and micro ampere, Amps (10 amps Max), Ohms, Temperature, Auto shutdown, Back lighted display, Includes 511-9773NL DVA Adapter.



### 511-60F1 Fuse

500 Ma, 250 V, 5Mm x 20Mm, Fast-Acting Glass Tube, Qty. 5



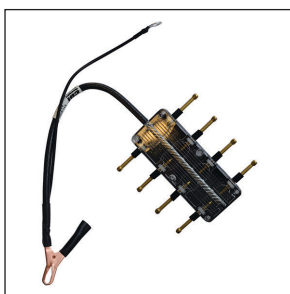
### 511-60F2 Fuse

10A, 250 V, 5Mm x 20Mm, Fast-Acting Glass Tube, Qty. 5



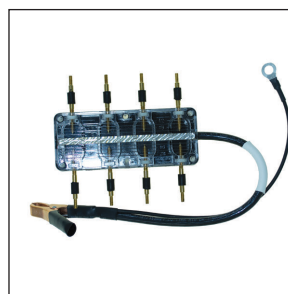
### 511-9764 Inline Neon Spark Tester

Ideal for personal watercraft. Sealed design is an added safety factor that further reduces the possibility of igniting gas fumes, especially in the hull of a PWC. Good for checking spark on running engines.



### 511-9766 Spark Tester

Enclosed 8 Cyl., adjustable spark gap tester. Has heavy-duty wire for mounting in any position. Helps reduce possibility of igniting gas fumes (Wires sold separately)



### 511-9766T Spark Tester

Sealed design reduces possibility of fire, an be used to test 1-8 Cyl., Pins designed for threaded spark plug



**511-9770**  
**Piercing Probe Set**

Fully insulated probes with spring loaded clamp. Probes with stainless steel pin self-centers and punctures insulation. Includes: 1 red & 1 black probe.



**511-9772**  
**AMP Meter Adapter**  
**Compatible w/ Digital Meters**

1-400 amp range, Use to measure battery charging output current or starter current draw, Can be used with any DC multimeter w/ a Milli-Volt range & 3/4" test lead sockets.



**511-9773**  
**DVA Adapter**

Built in test leads, Replacement tips fit most test clips.



**511-9773NL**  
**DVA Adapter**

Test leads not included-use existing meter leads.



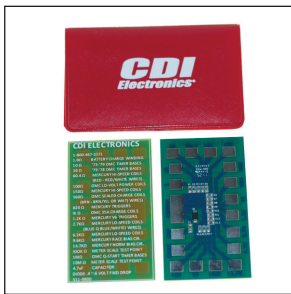
**511-9775**  
**Pack Load Resistor**

Use to replace ignition coil for testing DVA output from ignition pack when looking for a defective coil, Replaces: PL88.



**511-9778**  
**Compression Test Kit**

Designed for dry and wet cylinder compression testing to detect ring or cylinder head problems, sticking valves, blown head gasket(s) and more, Not for use on diesel engines.



**511-9800**  
**Resistor Test Circuit Card**

Perfect for calibrating the multimeter before troubleshooting begins, Basic resistance values of most outboard engines are listed on the card.



**511-9902**  
**Spark Plug Wire Extension Kit**

9.5" Spark plug wire extension. For use w/ 511-9766 Spark Tester.



**511-9903**  
**Spark Plug Wire Extension Kit**

24" Spark plug wire extensions, For use w/ 511-9766 Spark Tester.



**511-9904**  
**Diagnostic Tool Kit**

Digital Multimeter w/ DVA Adapter & Resistor Test Card - 511-60A, Practical Outboard Ignition Troubleshooting Guide - 961-0002, CDI Electronics Catalog - 961-0001, Laminated DVA Chart - 961-0003, Spark Gap Tester - 511-9766, Johnson/Evinrude Pin Tool Set - 553-2700, Spark Plug Gap Tool, Terminal Kit - 912-9708, OIS 6

Cyl. Test Harness - 511-4127, OIS 4 Cyl. Test Harness - 511-7270, CDM Test Harness - 511-5207A 1,5-Wire Jumper Kit - 511-73W, Piercing Probe Set - 511-9770, Spark Gap Tester - 511-9764, Packload Resistor - 511-9775, Compression Test Kit - 511-9778, CDI Connector Kit - 911-9900, Miscellaneous Cable Ties, & Durable Toolbox.

Tools & Test Equipment



**511-9910  
Essential Meters Tool Kit**

Infrared Temperature Meter - 511-0300, CDI Multimeter - 511-60, Peak Reding Adapter - 511-9773NL, Resistor Test Card - 511-9800, Alligator Clip Set - 511-CF72, Practical Outboard Ignition Troubleshooting Guide - 961-0002, CDI Electronics Catalog - 961-0001, Laminated DVA Charts - 961-0003



**511-CF72  
Alligator Clip Set**

Use w/ standard multimeter test leads. Includes: 1 Red & 1 Black Test Clip



**511-TL10  
Test Lead Set**

48" Set. Includes: 1 Red & 1 Black Test Leads.



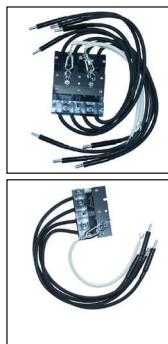
**519-48M  
Metric Adapter**

Metric Adapter for 519-S48 Spark Tester. Qty. 4



**519-48TA  
Replacement Tips**

Compatible w/ 519-S48 & 516-548H.



**519-S48  
Spark Tester, 1-8 Cyl.**

Tester can divide in two section for testing.



**519-S48H  
Spark Tester, 1-4 Cyl.**

Tester had adjustable open spark.



**519-TS77  
Terminal Extenders**

Insert where pack wire connects to coil to provide a test access point.



**989-3977  
Loctite Threadlocker**

Loctite 243 Blue Threadlocker 0.5MI container. Designed for the locking and sealing of threaded fasteners which require normal disassembly with standard hand tools. Works w/ most major engine brands.



**989-8109  
Heat Sink Compound**

Type 29 Heat Sink Compound, will not harden or dry out. Recommended for use when mounting rectifiers and regulators on most major engine brands. 1 Oz. Tube.



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**991-1900  
Aluminum Tool Box**

Aluminum storage case w/ foam inserts for additional protection. Dimensions: 12.5" x 9.25" x 4.5"



**991-1901  
Aluminum Tool Box**

Aluminum storage case w/ foam inserts for additional protection, lockable w/ shoulder strap. Dimensions: 18" x 13" x 6"



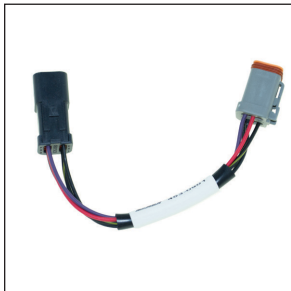
**991-9706  
Dielectric Grease**

Silicon-based grease that's designed to seal out moisture and prevent corrosion on electrical connectors. It also disrupts the flow of electrical current, which makes it good for lubricating and sealing the rubber parts of electrical connectors. Commonly used for spark plug wires. Works w/ most major engine brands.



**992-9703  
Fuse Holder 5 Piece Kit**

Water resistant fuse holder. 30 amp



**453-0901  
Boot Strap Adapter**

For reprogramming EMM for Ficht & E-Tec Engines.



**453-7955  
Ficht Engine  
Diagnostic Cable**

Replacement cable for BRP OEM software.

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TO *SERVE* YOU**



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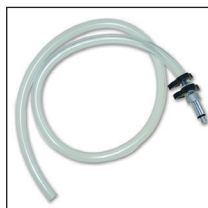
or go to [cdielectronics.com](http://cdielectronics.com) to review and download installation instructions and troubleshooting information for all CDI products.

**Best Seller**

### 551-33-1 Gearcase Filler

Sturdy tear-drop design w/drip tray resists tipping over. The check valve on the vent allows you to remove the filler nozzle without losing any appreciable amount of lubricant. Replaces: 551-33GF, S33 Gearcase Fillers.

551-33CV E-Z Fill and 551-334K Adapter Kit



### 551-34HA Hose Assembly

Hose Assembly for 551-34PV Pressure & Vacuum Tester



### 551-33HB Replacement Hose

Replacement Hose Assembly; \*Includes Hose, Clamp, Shutoff Valve.



### 551-33PA Replacement Pump Assembly

Replacement Pump for Older 551-33-1 Gearcase Filler without built-in drip pan



### 551-33PB Replacement Pump Assembly

Replacement Pump for newer 551-33-1 Gearcase Filler tanks w/ built-in drip pan



### 551-33CV Filler Vent Check Valve

Calibrated check valve creates air-lock to keep lubricant from running out while you install drain plug.



### 551-34G Replacement Gauge

Replacement Gauge for 551-34PV Pressure & Vacuum Tester



### 551-34G1 Replacement Gauge

Replacement Quick Connect Gauge for 551-34PV Pressure & Vacuum Tester



### 551-334B Lower Unit Fill Tube

Adapter for 551-33-1 Gearcase Filler (Perfect for Bravo lower unit & Verado lower unit)



### 551-334K Lower Unit Adapter Kit

Compatible w/ 551-33-1, 551-34PV, 551-34HA & 551-34HB

Includes: 551-334M, 551-334S, 551-334V, 551-33TN & 551-33UN



### 551-334M Metric Adapter

Adapter for 551-33-1 Gearcase Filler



### 551-334S Suzuki Adapter

Adapter for 551-33-1 Gearcase Filler



### 551-334V Volvo Adapter

Adapter for 551-33-1 Gearcase Filler



### 551-33TN Threaded Nozzle

Threaded Nozzle for the 551-33-1 Gearcase Filler



### 551-33VA Replacement Valve

Replacement Valve for the 551-33-1 Gearcase Filler



**551-34PV**  
Pressure & Vacuum Tester

Combination tester does both pressure & vacuum testing. Replaces: S34, V34 Testers. Includes: 551-34HA, 551-334M & 551-334S



**551-34R**  
Repair Kit

Repair Kit for 2010 & Newer 551-34PV Pressure & Vacuum Tester w/ Quick Connect Gauge



**551-34R1**  
Repair Kit

Repair Kit for 2009 & Older 551-34PV Pressure & Vacuum Tester



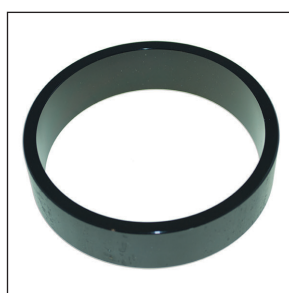
**551-34TN**  
Threaded Nozzle

Threaded Nozzle for 551-34PV Pressure & Vacuum Tester



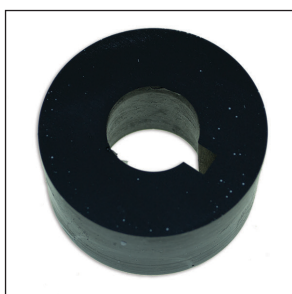
**551-5110**  
Flywheel Holder

Holder belt is coated & impregnated for more secure grip of flywheel, longer handle provides more leverage w/ less effort.



**553-4994**  
Locator Ring 2 Cyl.

Compatible for Setting Sensor & Stator Charge Coils Air Gap w/ 1978-2006 Johnson Evinrude.



**553-9702**  
Sensor Gap Tool  
2/3/4 Cyl.

1972-1978, Engines w/ Open Timer Base, Compatible for Setting Timerbase Air Gap on Johnson Evinrude Engines w/ Terminal Block Power Packs.



**944-0001**  
Harness Assembly, Fuse, Optimax

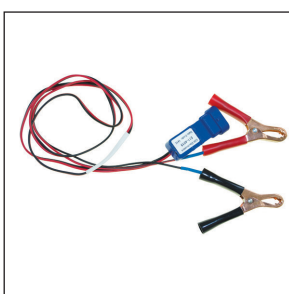
100 AMP Fused Power Wire, 2004-2010 (135-300HP)

Replaces  
84-878231A6



**511-4017**  
Optical Sensor Tester

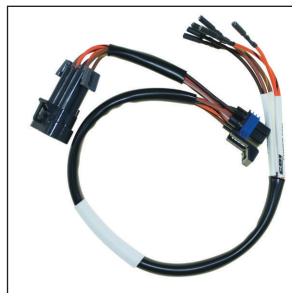
Used to test V4/V6 optical sensor on the engine or on the bench, Unique Design sounds an audible alert when setting the ignition timing to allow an eyes free operation. Replaces: 434017 OIS 2000 Sensor Tester.



**511-4019**  
Optical Sensor Tester

Unique 3 Cyl. Optical Sensor Tester used to test 3 Cyl. Optical sensor on engine or bench, Eliminates the guesswork involved in testing trigger sensor

## Tools &amp; Test Equipment



### 511-4127 Optical Test Harness 6 Cyl.

Test Harness allows you to check the DVA voltages of the stator while connected to the power pack.



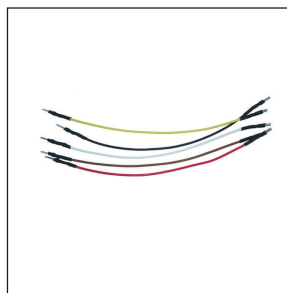
### 511-6996 Remote Starter

Compatible w/ most 1975-2016 Johnson Evinrude Engines, Replaces Boat-side control harness at the Engine for Testing.



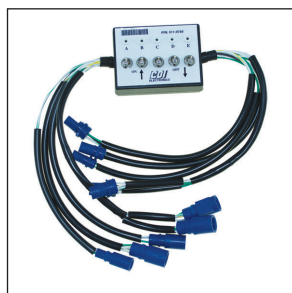
### 511-7270 Optical Test Harness 4 Cyl.

Test Harness allows you to check the DVA voltages of the stator while connected to the power pack, Used on 1994-2006 (90 & 115HP) Carbureted Johnson/Evinrude Engines.



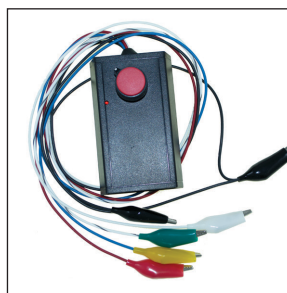
### 511-73W Jumper Wire Test Kit 5 Wire

Jumper wire test kit allows you to connect between male to female Amphenol Johnson/Evinrude connectors.



### 511-9756 Breakout Box

Ideal for testing Johnson Evinrude Ignition Systems while cranking engine, Replaces SA5, SA6, Works w/ most DVA Meters.



### 511-9701 Battery CD Tester

Simulates Trigger & Points to allow testing on engine or bench, Allows testing of pulse EFI injectors



### 511-9710 Trigger Tester

Ideal for testing Mercury Marine triggers, Chrysler/Force Triggers, Chrysler Pre-Amp & Hall Effect Sensors, Johnson Evinrude V6 Quick Start Timer Bases (1998 & Newer), & Johnson Evinrude OIS Ignition, EFI



### 511-5207A 1 CDM Module Test Harness

Unique design allows you to break the kill circuit without cutting the wire, Allows testing of DVA voltages from the stator and trigger while connected to the CDM Module, Can be used to Bench Test CDM Modules, Replaces: 84-825207A1



### 511-7509K 6 CDM Module Test Kit

Can be used with all CDM Ignition Systems for Mercury, 4 Wire CDM.

Includes: 114-7509 & 511-5207A1

**Best  
Seller**



### 511-7800 Remote Starter Switch 4 & 6 Cyl.

1978 & Older Mercury Engines, Replaces: Boat-side control harness at engine.

**Best Seller**



**511-7900 Remote Starter**

1979-2006 Mercury Engines, Replaces: Boat-side control harness at engine.

**Best Seller**



**511-7950 Remote Starter**

2006 & Older Mercruiser Engines, Replaces: Boat-side control harness at engine.

**Best Seller**

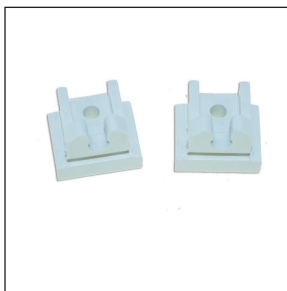


**511-9776 Remote DVA Test Harness**

Designed for use w/ 1978-2000 Mercury Engines w/ separate ignition packs & coils, Johnson/Evinrude 1973-2006 Carbureted Engines & Yamaha Engines.

**994-3981 Insulator Blocks**

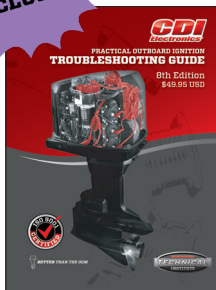
1970-1975 (4HP - 1 Cyl.) 1966-1989 (4,4.5,7.5,9.8 & 20HP - 2 Cyl.)



**CDI EXCLUSIVE**

**994-4371 Distributor Shaft & Rotor 4/6 Cyl.**

Fits Most 1970-1979 (Outboard Engines w/ a Distributor)

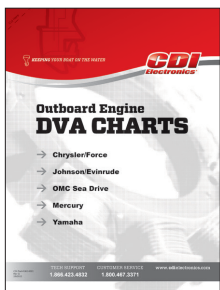


**961-0002**

**Practical Outboard Ignition Troubleshooting Guide**

NEW EXPANDABLE EDITION!

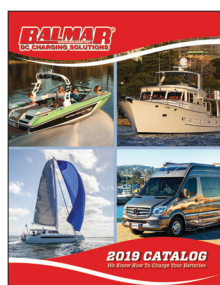
Buy \$100 or more at your favorite distributor show and receive a free Troubleshooting Guide.



**961-0003 Outboard Ignition Laminated DVA Chart**



**961-0001 CDI Electronics Catalog**



**961-0008 Balmar Catalog**



**cdielectronics.com** offers a parts search tool that allows you to search by manufacturer, HP, Year and Part, making it easy to find the part you need to get your customer's boat back on the water.



**NEW**

# **PRACTICAL OUTBOARD IGNITION TROUBLESHOOTING GUIDE**

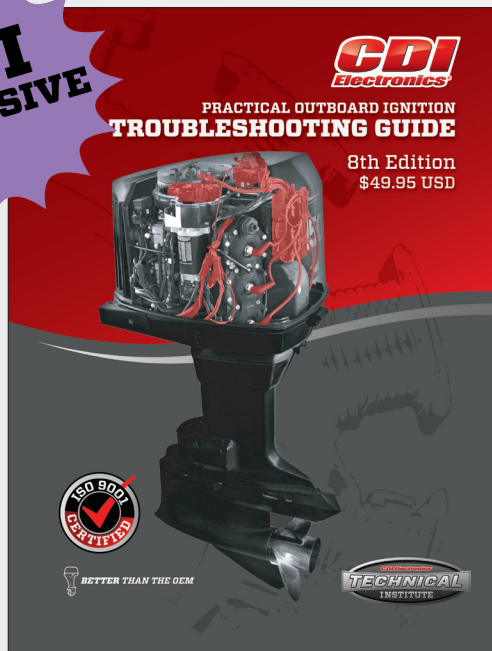
**TERMED "THE MECHANIC'S BIBLE", THIS IS THE ONE BOOK YOU MUST HAVE IN YOUR SERVICE SHOP AT ALL TIMES.**

## **PACKED WITH KEY TROUBLESHOOTING DATA:**

---

- **NEW 8TH EXPANDABLE EDITION**  
OVER 60 NEW PAGES, NORMALIZED INSTRUCTIONS ACROSS ALL ENGINES, AND EXPANDED GENERAL TROUBLESHOOTING SECTION
- **COMPREHENSIVE TROUBLESHOOTING ON ALL ENGINES**  
DETAILED TROUBLESHOOTING INSTRUCTIONS FOR CHRYSLER, FORCE, JOHNSON EVINRUDE, MERCURY, TOHATSU/NISSAN & YAMAHA ENGINES.
- **DVA CHARTS FOR ALL MAJOR ENGINES**  
MERCURY, YAMAHA, JOHNSON EVINRUDE, CHRYSLER, FORCE, AND SEA DRIVE.
- **BATTERY 101**  
LEARN ALL YOU NEED TO KNOW ABOUT BATTERIES INCLUDING TYPES, KEY TERMS, SUGGESTED USE, UNREGULATED BATTERIES, AND MORE.
- **ENGINE WIRING DIAGRAMS & CROSS REFERENCE CHART**

**CDI EXCLUSIVE**



**961-0002**

Buy \$100 or more at your favorite distributor show and receive a free Troubleshooting Guide.

**Visit [cdielectronics.com](http://cdielectronics.com) to purchase this valuable resource today!**

**CDI Electronics®**

# Electrical Supplies

*BETTER THAN THE OEM*

- ENGINE ADAPTER HARNESSES 178
- CONNECTORS AND TERMINALS 179
- PREMIUM WIRE SPOOLS 184



TECH SUPPORT 1.866.423.4832  
CUSTOMER SERVICE 1.800.467.3371  
[cdielectronics.com](http://cdielectronics.com)

Electrical Supplies



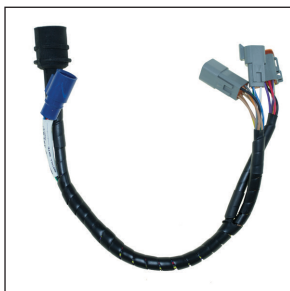
**421-4402  
Engine Adapter  
Harness**

Adapts Johnson/Evinrude 1976-1995 controls to Mercury engines with 8 pin plug and without power tilt & Trim wiring.



**423-0001  
Engine Adapter  
Harness**

Adapter Harness used to connect 1976-1995 engines to 1996 and newer controls. 18" Long.



**423-6344  
Engines Adapter  
Harness**

Adapts 1976-1995 Johnson Evinrude Engines to New Deutsch Controls. 18" Long.



**423-6349  
Engine Adapter  
Harness**

Adapts 1996-2016 Johnson Evinrude Engines to 1976-1995 Controls. 18" Long.



**423-9510  
Adapter Cable**

Adapts Johnson Evinrude Controls to Mercury Engines w/ power Tilt & Trim Wiring.



**421-0001  
Engine Adapter  
Harness**

Adapter wiring harness that connects 1980-2005 Mercury 8 pin controls to 1976-1995 Johnson/Evinrude engine.



**421-4301  
Engine Adapter  
Harness**

Adapts 1980-2005 Mercury 8 pin controls to 1996-2015 Johnson Evinrude engines.



**421-4401  
Engine Adapter  
Harness**

Adapts older Mercury engines with side cowling connection to new 8 pin plug.



**451-9601  
Mercury EFI 6' Ext. Cable**

1979-2005 (2.0,2.4,2.5L EFI Engines)



**451-9602  
Mercury EFI 10' Ext. Cable**

1979-2005 (2.0,2.4,2.5L EFI Engines)



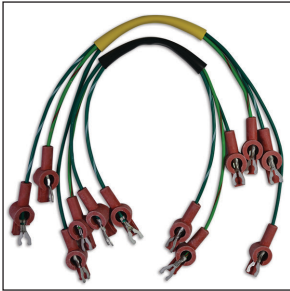
**471-1000**  
**Boat Harness Extension**

Boat Engine Harness Extension; 40' in length.



**857-1950**  
**Tilt/Trim Relay**

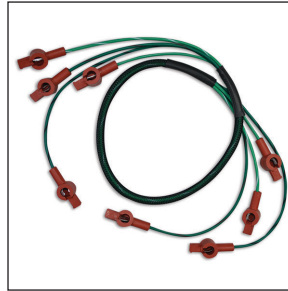
40 amp for Trim/Tilt.



**934-5537**  
**Ignition Coil Primary Wire Set 6 Cyl.**

Designed for use w/ L6 Engines.

Includes: 6 Wires - 2 Green, 2 Green & White, 2 Green & Red



**934-8721**  
**Ignition Coil Primary Wire Set 4 Cyl.**

Designed for use w/ L4 Engines.

Includes: 4 Wires - 1 Green, 1 Green & White, 1 Green & Red, & 1 Green & Black



**934-9738**  
**Ignition Coil Primary Wire Set 6 Cyl.**

Designed for use w/ V6 Engines.

Includes: 6 Wires - 2 Green, 2 Green & White, 2 Green & Red



**941-0606-B**  
**6 Ga., 6 Ft. Black Battery Cable**



**941-0608-B**  
**6 Ga., 8 Ft. Black Battery Cable**



**941-0606-R**  
**6 Ga., 6 Ft. Red Battery Cable**



**941-0608-R**  
**6Ga., 8 Ft. Red Battery Cable**



**912-9708**  
**Marine Terminal Kit**

Includes assorted terminals, boots and heat sink.



**911-1108RT**  
**#8 Ring Terminals**

50 Piece Pack



**911-1110RT**  
**#10 Ring Terminals**

50 Piece Pack

Electrical Supplies



**911-1214RT**  
1/4 In. Ring Terminals

50 Piece Pack



**911-1256RT**  
5/16 In. Ring Terminals

50 Piece Pack



**911-9783**  
Bullet Connectors

Includes 10 Male, 10 Female Terminals w/  
Boots, Per Pack



**911-9900**  
Amphenol Connector  
Kit

10 Piece Kit



**913-2256**  
Coil Terminals

Includes 10 Terminals



**913-2478**  
Coil Terminal Boots

Includes 10 Terminals



**913-4679**  
Male Pin Terminals  
Deutsch

Includes 20 Pieces



**913-4680**  
Female Pin Terminals  
Deutsch

Includes 20 Pieces



**923-3356**  
Male Kill Plug (Large)

Single Pin Amphenol Male Plug (Large),  
Qty. 1



**923-3357**  
Female Receptacle

Single pin Amphenol Female Plug, Qty. 1



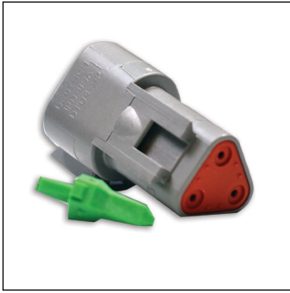
**923-3404**  
Male Kill Plug (Small)

Single Pin Amphenol Male Plug (Small),  
Qty. 1



**923-4685**  
3 Pin Plug Deutsch

Qty. 4



**923-4686**  
3 Pin Receptacle  
Deutsch

Qty. 4



**923-4687**  
6 Pin Plug Receptacle  
Deutsch

Qty. 4



**923-4688**  
6 Pin Plug Deutsch

Qty. 4



**923-4696**  
2 Pin Receptacle  
Deutsch

Qty. 4



**923-6295**  
2 Pin Plug Deutsch

Qty. 4



**923-6509**  
4 Pin Receptacle  
Deutsch

Qty. 4



**923-6529**  
4 Pin Plug Deutsch

Qty. 4



**933-0124**  
Wire, Coil

Orange coil lead for Johnson Evinrude  
Ignition coil connections.

Electrical Supplies



**953-3840**  
**Shift Diode**

1968-1973 (Johnson Evinrude Electric Shift Engines)



**953-9176**  
**Blocking Diode**

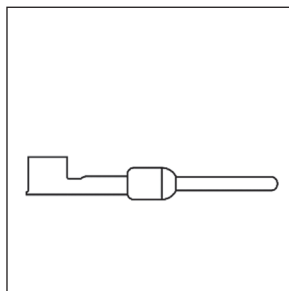
1970-1972 (3 & 4 Cyl.) Engines w/Battery CD Ignitions & Lower Unit Electronics Shift Solenoids)



**973-0364**  
**Ignition Coil Wire Terminals**

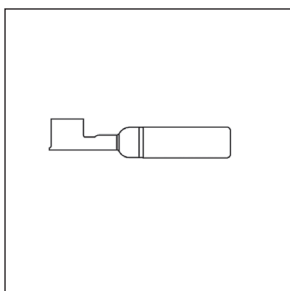
1967-1972 (Johnson Evinrude Engines) & 1966-1977 (Mercury Engines) Engines Using Distributor Caps w/Screw-in Terminals

Qty. 20



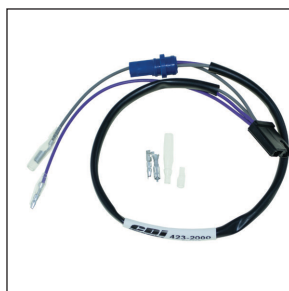
**973-1469**  
**Male Amphenol Pins**

Qty. 20



**973-1656**  
**Female Amphenol Sockets**

Qty. 20



**423-2000**  
**Engine Adapter Harness**

Adapts 123-9800 to Delco HEI Distributor with Coil in Cap



**423-7731**  
**ESA Adapter Harness**

Adapts Single 5 Wire to 4 & 2 Pin Connector OMC ESA Adapter Harness



**852-9809**  
**Tilt/Trim Relay 12 Volt, 40 amp**

12 Volt, 40 amp for Trim/Tilt



**852-9810**  
**Tilt/Trim Relay Assembly**

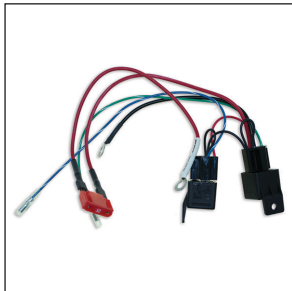
40 amp for Trim/Tilt

Includes 2 Replaceable Relays, Mounting Box & Harness



**852-9819**  
**Tilt/Trim Relay**

12 Volt, 40 amp for Trim/Tilt



**852-9820**  
**Tilt/Trim Relay Assembly**

40 amp for Trim/Tilt  
Includes 2 Replaceable Relays, Mounting Box, Fuse & Harness



**852-9821**  
**Fuse**

Fuse, 50 amp, Replacement Fuse for the 852-9820 Tilt Trim Relay Assembly



**859-5901**  
**Tilt/Trim Relay**



**553-2697**  
**Amphenol Insertion Tool**



**553-2698**  
**Amphenol Pin Removal Tool**



**553-2699**  
**Amphenol Socket Removal Tool**



**553-2700**  
**Amphenol Pin Tool Set**

Includes: 553-2697, 553-2698, 553-2699



**944-0001**  
**Harness Assembly, Fuse, Optimax**



**DID YOU KNOW?**



**CDI ELECTRONICS OFFERS A One-of-a-kind Gearcase Filler**

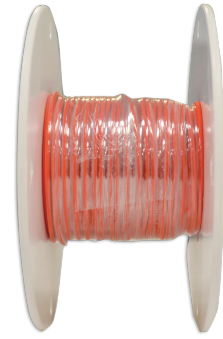
The Gearcase Filler includes attachments for multiple engines & allows you to fill or empty the gearcase - **without the mess.**

Gearcase Filler - Part # -551-33-1 (See page 172)





## PREMIUM WIRE SPOOLS *150 AVAILABLE!*



At CDI Electronics, we understand how important it is to use the highest quality wire on our parts so that they will last longer and perform better than the OEM. With wire this good, we thought it was time to offer it directly to you.

CDI Electronics, the World's Leading Ignition Specialist, now provides primary lead wire in a variety of OEM colors for most installation projects!

This wire is of the highest industry standard, a staple of all CDI Electronics products. Providing the installer with a different OEM wire color helps professionally complete the installation and remedies lost time in troubleshooting due to incorrect wire colors being connected throughout the electronics circuits.

Packaged in a standard 100 ft. or 250 ft. spools, the Quick Strike Pro Series Primary Wire is perfect for the service shop or DIY wiring project.

### WIRE SPOOL FEATURES

- Individual tin-coated strands reduce corrosion.
- Fuel and oil resistant insulation for harsh engine environments.
- Maximum stranding increases current-carrying capacity in a smaller wire. This allows for more current to flow in a smaller bundle of stranded wire (\*skin effect)
- Insulation is abrasion resistant, providing years of use.
- Flame resistant insulation reduces the chances of electrical "flame-up" fires on the engine vessel.

\*Skin Effect: Electrons have a tendency to travel in larger amounts near the outer surface of a conductor and decrease with greater depths in the conductor.



## 75 DIFFERENT COLORS AVAILABLE IN 100 ft. & 250 ft.



Part No.	Gauge	Color	Qty.
481-0001	12	Black	100 ft.
481-0076			250 ft.
481-0002	12	Red	100 ft.
481-0077			250 ft.
481-0003	12	Yellow	100 ft.
481-0078			250 ft.
481-0004	12	Yellow / Black	100 ft.
481-0079			250 ft.
481-0005	18	Black / Orange	100 ft.
481-0080			250 ft.
481-0006	18	Black / White	100 ft.
481-0081			250 ft.
481-0007	18	Black / Yellow	100 ft.
481-0082			250 ft.
481-0008	18	Blue	100 ft.
481-0083			250 ft.
481-0009	18	Blue / Red	100 ft.
481-0084			250 ft.
481-0010	18	Blue / White	100 ft.
481-0085			250 ft.
481-0011	18	Brown	100 ft.
481-0086			250 ft.
481-0012	18	Brown / Black	100 ft.
481-0087			250 ft.
481-0013	18	Brown / Blue	100 ft.
481-0088			250 ft.
481-0014	18	Brown/ White	100 ft.
481-0089			250 ft.
481-0015	18	Brown / White	100 ft.
481-0090			250 ft.
481-0016	18	Gray	100 ft.
481-0091			250 ft.
481-0017	18	Gray / Black	100 ft.
481-0092			250 ft.
481-0018	18	Orange / Violet / White	100 ft.
481-0093			250 ft.
481-0019	18	Gray / White	100 ft.
481-0094			250 ft.

Part No.	Gauge	Color	Qty.
481-0020	18	Green	100 ft.
481-0095			250 ft.
481-0021	18	Green / Black	100 ft.
481-0096			250 ft.
481-0022	18	Green / Red	100 ft.
481-0097			250 ft.
481-0023	18	Green / White	100 ft.
481-0098			250 ft.
481-0024	18	Green / Yellow	100 ft.
481-0099			250 ft.
481-0025	18	Orange	100 ft.
481-0100			250 ft.
481-0026	18	Orange / Black	100 ft.
481-0101			250 ft.
481-0027	18	Orange / Blue	100ft.
481-0102			250 ft.
481-0028	18	Orange / Green	100 ft.
481-0103			250 ft.
481-0229	18	Orange / Pink	100 ft.
481-0104			250 ft.
481-0030	18	Orange / Red	100 ft.
481-0105			250 ft.
481-0031	18	Orange / Violet	100 ft.
481-0106			250 ft.
481-0032	18	Pink	100 ft.
481-0107			250 ft.
481-0033	18	Pink / White	100 ft.
481-0108			250 ft.
481-0034	18	Red	100 ft.
481-0109			250 ft.
481-0035	18	Red / Blue	100 ft.
481-0110			250 ft.
481-0036	18	Red / Violet	100 ft.
481-0111			250 ft.
481-0037	18	Red / White	100 ft.
481-0112			250 ft.
481-0038	18	Tan	100 ft.
481-0113			250 ft.

# PERFECT FOR THE SERVICE SHOP OR DIY WIRING PROJECT



Part No.	Gauge	Color	Qty.
481-0039	18	Tan / Black	100 ft.
481-0114			250 ft.
481-0040	18	Tan / Blue	100 ft.
481-0115			250 ft.
481-0041	18	Tan / Orange	100 ft.
481-0116			250 ft.
481-0042	18	Tan / Yellow	100 ft.
481-0117			250 ft.
481-0043	18	Violet	100 ft.
481-0118			250 ft.
481-0044	18	Violet / Green	100 ft.
481-0119			250 ft.
481-0045	18	Violet / Red	100 ft.
481-0120			250 ft.
481-0046	18	Violet / White	100 ft.
481-0121			250 ft.
481-0047	18	White	100 ft.
481-0122			250 ft.
481-0048	18	White / Black	100 ft.
481-0123			250 ft.
481-0049	18	White / Blue	100 ft.
481-0124			250 ft.
481-0050	18	White / Green	100 ft.
481-0125			250 ft.
481-0051	18	White / Orange	100 ft.
481-0126			250 ft.
481-0052	18	White / Red	100 ft.
481-0127			250 ft.
481-0053	18	White / Tan	100 ft.
481-0128			250ft.
481-0054	18	White / Yellow	100 ft.
481-0129			250 ft.
481-0055	18	Yellow	100 ft.
481-0130			250 ft.
481-0056	18	Yellow / Black	100 ft.
481-0131			250 ft.
481-0057	18	Yellow / Gray	100 ft.

Part No.	Gauge	Color	Qty.
481-0132			250 ft.
481-0058	18	Yellow / Red	100 ft.
481-0133			250 ft.
481-0059	18	Black	100 ft.
481-0134			250 ft.
481-0060	20	Black	100 ft.
481-0135			250 ft.
481-0061	20	Black / White	100 ft.
481-0136			250 ft.
481-0062	20	Blue	100 ft.
481-0137			250 ft.
481-0063	20	Brown	100 ft.
481-0138			250 ft.
481-0064	20	Brown / Blue	100 ft.
481-0139			250 ft.
481-0065	20	Red	100 ft.
481-0140			250 ft.
481-0066	20	Violet	100 ft.
481-0141			250 ft.
481-0067	20	White	100 ft.
481-0142			250 ft.
481-0068	20	White / Black	100 ft.
481-0143			250 ft.
481-0069	20	White / Blue	100 ft.
481-0144			250 ft.
481-0070	20	White / Green	100 ft.
481-0145			250 ft.
481-0071	20	White / Orange	100 ft.
481-0146			250 ft.
481-0072	20	White / Red	100 ft.
481-0147			250 ft.
481-0073	20	White / Violet	100 ft.
481-0148			250 ft.
481-0074	20	Yellow	100 ft.
481-0149			250 ft.
481-0075	20	White / Yellow	100 ft.
481-0150			250 ft.

To help you with your wire selection, please refer to the engine wiring cross reference chart as well as the ABYC recommended boat wiring color codes below.

ENGINE WIRING CROSS REFERENCE CHART FOR MOST OUTBOARD ENGINES								
Circuit	Mercury PRE-1978	Mercury 1978 & UP	OMC	Yamaha	Force PRE-1994	Force 1994 & UP	Suzuki	Tohatsu
<b>Power</b>	Red	Red	Red	Red	Red	Red/Purple	White	Red
<b>Ign. Switch</b>	White	Purple	Purple	Yellow	Blue	Red/Blue	Gray	Red
<b>Eng. Gnd.</b>	Black	Black	Black	Black	Black	Black	Black	Black
<b>Stop Circuit</b>	Orange Salmon White	Black/Yellow	Black/Yellow	White	White	Black/Yellow	Green/Red/ Blue	Brown
<b>Eng. Start</b>	Yellow	Yellow/Red	Yellow/Red	Brown	Yellow	Yellow/Red	Brown/Yellow/ Red	Green
<b>Tach</b>	Brown	Gray	Gray	Green	Purple	Gray	Yellow	White
<b>Battery Charge</b>	Yellow/Red	Yellow Yellow/Black	Yellow Yellow/Black	Green	Yellow	Yellow Yellow/Black	Yellow/Red	Yellow/White
<b>Stator CDI Power</b>	Red/White/ Blue(a)	Blue Blue/White/Red Red/White Green/White White/Green	Brown Brown/Yellow Brown/Black Brown/White	Blue Brown Red Black/Red	Blue/Yellow Brown/Blue Brown/Yellow	Blue Blue/White Red Red/White Green/White White/Green	Green Black/Red	Red
<b>Choke</b>	Gray/Blue	Yellow/Black	Purple/White	Blue	Green	Yellow/Black	Orange	Blue
<b>Overheat</b>	Tan	Tan	Tan (b)	Pink	Orange	Tan	Green/Yellow	Light Blue

(a) Ignition Driver Systems Only. All others were battery driven systems.  
 (b) The stripe color on the Tan wire indicates the temperature at which the sensory trips.  
 (c) The White/Black wire is the cold engine temp indicator and shorts to GND. at approx. 105 ° F.

ABYC RECOMMENDED BOAT WIRING COLOR CODES		
Color	Function	Comments
Yellow/Red Strips (YR)	Engine Start Circuit	
Brown/Yellow Stripe (BY)	Bilge Blower	Alternate color is Yellow (Y)
Yellow Stripe (Y)	Bilge Blower	If used for DC negative, blower MUST be Brown/Yellow Stripe
Dark Gray (Gy)	Navigation Lights	Fuse or Switch to lights
Dark Gray (Gy)	Tachometer	
Brown (Br)	Generator/Alternator	Charge Indicator Lights, Fuse or Switch to Pumps
Orange (O)	Accessory Power	Ammeter to alternator output and accessory fuse or switches. Distribution Panel accessory switch.
Purple (Pu)	Ignition Instrument Power	Ignition switch to coil and electrical instruments. Distribution Panel to electric instruments.
Dark Blue	Cabin and instrument lights	Fuse or switch to lights.
Light Blue (Lt Bl)	Oil Pressure	Oil sender to gauge
Tan	Water Pressure	Temperature sender to gauge
Pink (Pk)	Fuel Gauge	Fuel sender to gauge
Green/White Stripe	Tilt/Trim down or in	Tilt and Trim Circuits
Blue/White Stripe	Tilt/Trim up or out	Tilt and Trim Circuits











OEM	CDI	PG	OEM	CDI	PG	OEM	CDI	PG	OEM	CDI	PG	OEM	CDI	PG
398-9873A32	174-9710K 1	89	3G2-06050-0	189-3381	96	45876A10	474-9550	85	514680	913-4680	56	580841	193-3408	38
398-9873A33	174-9710K 1	89	3G2-06050-1	189-3381	96	45876A15	474-9550	85	514681	923-4685	56	580847	183-2382	44
398-9873A35	174-9710K 1	89	3G2-06053-0	189-3381	96	45876A20	474-9550	85	514682	923-4686	56	580849	113-7123	31
398-9873A36	174-9873-16	90	3G2-06060-1	119-3G2-01	128	46285	414-2770	82	514683	923-4687	56	580875	133-0875K 1	35
398-9873A38	174-9710K 1	89	3G2-06060-2	119-3202	128	46905	414-2770	82	514684	923-4688	56	580950	173-1235	40
398-9873A39	174-9873-16	90	3G2-06062-1	119-3G2-01	128	474030	995-4030	\	514685	923-4685	56	580970	133-1251	35
398362	113-8362	31	3G2-76060-0	158-9501	37	474030-R	995-4030	\	514686	923-4686	56	580971	183-4477	44
398363	113-8362	31	3G206-0400M	189-3381	96	474470	152-9209	110	514687	923-4687	56	581046	173-1225	40
398550	113-7123	31	3G206-0401M	189-3381	96	475029	136-5029-2	108	514688	923-4688	56	581114	173-1235	40
398551	113-7123	31	3G206-0402M	189-3381	96	475095	176-5095	109	514696	923-4696	56	581130	173-1130	40
3A0-06040-1	189-3081	96	3G206-0500M	189-3381	96	475301-1	116-5301	106	514697	923-4696	56	581137	113-1397	23
3A0-06060-1	119-3G2-01	128	3G206-0501M	189-3381	96	47584	E66-0018	142	519-33DP	551-334v	172	581202	173-1202	40
3A0-60060-0	119-3G2-01	128	3G206-0530M	189-3381	96	47929	414-5532	83	523301	115-3301	106	581225	173-1225	40
3a0060230m	179-0004	128	3G206-0601	119-3G2-01	128	48150	414-2770	82	523301-1	115-3301	106	581232	173-1232	40
3A0060401M	189-3081	96	3G206-0602M	119-3202	128	481553	E11-0002	141	525475	116-5475	107	581235	173-1235	40
3A0060481M	189-3081	96	3G2060210M	179-0005	128	49370	414-2770	82	52769	414-2770	82	581251	133-1251	35
3A0060600M	119-3G2-01	128	3G2060220M	139-0001	128	49924	E66-0018	142	52770	414-2770	82	581300	133-1900	35
3A0060601M	119-3G2-01	128	3G2060400M	189-3381	96	5000014	113-4767	29	52770A 1	414-2770	82	581301	173-1235	40
3A1-06240-2	119-2402	106	3G2060401M	189-3381	96	5000016	413-0016	46	52771	414-2770	82	581303	173-2099	40
3A1-06260-0	119-2402	106	3G2060402M	189-3381	96	5000611	173-1670	40	52771A 1	414-2770	82	581311	113-1731	23
3A1-06260-1	119-2402	106	3G2060500M	189-3381	96	5000901	453-0901	54	52771A 2	414-2770	82	581334	113-1726	23
3A1-06260-2	119-2402	106	3G2060501M	189-3381	96	5001344	113-4767	29	52820	414-2770	82	581397	113-1397	23
3A106-22402	119-2402	106	3G2060530M	189-3381	96	5004532	113-4808	29	529301	116-9301	107	581404	113-3101	25
3A106-2402	119-2402	106	3G2060601M	119-3G2-01	128	5004533	113-4808	29	531-0200T3	531-0200T3	\	581486	133-1486	35
3A106-2600	119-2402	106	3G2060602M	119-3202	128	5005805	931-4921	57	5556010A	631-0020	136	581493	113-1726	23
3A106-2601	119-2402	106	3G276-0600	158-9501	37	5005806	931-4921	57	5556010B	631-0020	136	581505	173-1867	40
3A106-2602	119-2402	106	3G2760600M	158-9501	37	5005807	931-4921	57	56-26406	994-6406	\	581508	133-0875K 1	35
3A1062402M	119-2402	106	3M3060482M	189-3381	96	502688	183-3737	44	56370	414-2770	82	581523	413-1886	47
3A1062600M	119-2402	106	404301	115-3301	106	502882	183-2382	44	567543	213-7543	\	581551	113-1726	23
3A1062601M	119-2402	106	41064	E12-0002	137	502884	183-2382	44	567562	113-8076	\	581552	113-1726	23
3A1062602M	119-2402	106	41068	E12-0002	137	502886	183-2303	44	568076	113-8076	\	581557	173-1557	40
3A3-06240-0	119-2400	128	41305M	117-696-12	117	502888	183-2091	44	57022	414-5532	83	581585	133-0875K 1	35
3A306-2400	119-2400	128	43077M	117-695-11	117	502890	183-4632	44	580197	183-4477	44	581603	153-3408	37
3A3062400M	119-2400	128	43077T	117-695-11	117	503748	631-0007	136	580416	183-4477	44	581649	113-2453	24
3B2-061601M	119-0003	10	434017	511-4017	173	503753	631-0018	136	580656	153-0656	37	581651	173-1651	40
3B2-76060-0	158-9501	37	434127	511-4127	174	510301	116-0301	106	580688	183-2382	44	581654	413-1654	46
3B276-0600	158-9501	37	43557	E64-0010	140	510364	973-0364	56	580698	153-0705	37	581656	973-1656	56
3B276-0600M	158-9501	37	43557A1	E64-0010	140	510450-1	152-9209	110	580705	153-0705	37	581670	173-1670	40
3B2760600M	158-9501	37	436367	113-6367K 1	30	510705	133-5107	36	580730	183-2382	44	581680	173-2099	40
3C1060480M	189-0002	132	437270	511-7270	174	510839	173-1235	40	580740	183-2382	44	581686	183-2366	44
3C7725901M	859-5901	128	437955	453-7955	54	511469	973-1469	56	580771	153-0705	37	581709	113-1731	23
3G2-06022-0	139-0001	128	439561	193-4093	38	512256	913-2256	56	580795	153-3408	37	581713	113-1726	23
3G2-06040-0	189-3381	96	445091	153-5114	37	512478	913-2478	56	580809	173-1232	40	581721	413-1721	46
3G2-06040-1	189-3381	96	445114	153-5114	37	513356	923-3356	56	580821	183-4632	44	581726	113-1726	23
3G2-06040-2	189-3381	96	45070	414-2770	82	514679	913-4679	56	580826	113-1397	23	581731	113-1731	23

Cross Reference Guide

OEM	CDI	PG	OEM	CDI	PG	OEM	CDI	PG	OEM	CDI	PG	OEM	CDI	PG
581742	413-1742	46	582161	413-2161	47	582684	113-2684	24	583103	113-3101	25	583395	133-4558	36
581745	413-1886	47	58217	E65-0003	141	582692	113-2474	24	583104	173-3672	41	583401	113-3401	27
581767	413-9917	53	58217B	E65-0003	141	582704	113-2704	25	583110	113-3110	26	583408	153-3408	37
581778	153-1778	37	58217Q	E65-0003	141	582705	113-2705	25	583112	113-3112	26	583410	173-3410	41
581805	113-2125	23	582261	113-3241	26	582712	113-2556	24	583114	113-3114	26	583415	173-4287	42
581812	133-3376	35	582262	113-3101	25	582714	113-3241	26	583116	113-3116	26	583415RS	273-3415RS	43
581826	183-2303	44	582281	113-2285	23	582724	133-3378	35	583117	173-3117	41	583444	413-3444	48
581830	173-3672	41	582285	113-2285	23	582730	173-3724	41	583117RS	273-3117RS	43	583453	113-2453	24
581860	173-2099	40	582303	183-2303	44	582757	113-2285	23	583118	173-3669	41	583471	113-4035	28
581862	183-2366	44	582303-K	183-2303	44	582787	113-2285	23	583119	173-3724	41	583476	113-4037	28
581865	173-3672	41	582304	153-1778	37	582800	113-3241	26	583122	113-3122	26	583485	173-4333	42
581867	173-1867	40	582307	153-3408	37	582811	113-2811	25	583125	113-2115	23	583489	113-4041	28
581886	413-1886	47	582330	183-2366	44	582817	113-2817	25	583127	133-3376	35	583508	133-3508	36
581888	413-9917	53	582356	133-3377	35	582847	173-3117	41	583128	133-3376	35	583512	193-4205	38
581895	113-1731	23	582357	133-3377	35	582864	113-2474	24	583129	133-3377	35	583529	193-4204	38
581900	133-1900	35	582365	931-2365	57	582866	413-2866	47	583131	133-3378	35	583531	133-3531	36
581924	113-2453	24	582366	183-2366	44	582867	173-3672	41	583143	113-2115	23	583533	133-3533	36
581925	113-1726	23	582370	183-4477	44	582880	113-2285	23	583145	413-3145	47	583536	173-3536	41
581926	113-2453	24	582371	133-3377	35	582889	113-3241	26	583167	113-2285	23	583537	173-3537	41
581927	113-2453	24	582382	183-2382	44	582901	113-2474	24	583168	113-2285	23	583560	413-3560	48
581933	113-2138	23	582394	133-3377	35	582904	193-5204	39	583169	113-2285	23	583561	173-4288	42
581949	133-3378	35	582399	153-3408	37	582905	193-2905	38	583170	113-2285	23	583579	113-7123	31
581957	173-3724	41	582400	113-2138	23	582907	193-4205	38	583172	113-3241	26	583593	113-4032	28
581973	413-9913	53	582404	173-3672	41	582915	413-6409	52	583174	113-3241	26	583601	413-3601	49
581975	413-1975	47	582452	113-2453	24	582926	173-2926K 1	41	583175	113-3241	26	583602	413-3602	49
581985	133-3377	35	582453	113-2453	24	582931	183-4477	44	583211	413-3211	47	583604	113-3241	26
581987	173-3672	41	582454	113-2125	23	582995	183-4477	44	583235	113-3072	25	583605	113-3605	27
581993	113-2138	23	582472	852-9809	57	583005	413-9915	53	583241	113-3241	26	583644	173-3724	41
581997	183-2366	44	582474	113-2474	24	583013	173-3669	41	583266	193-3689	38	583649	413-3649	49
581998	183-2366	44	582497	173-3672	41	583023	173-3672	41	583268	193-5204	39	583656	113-4489	28
582016	173-3672	41	582502	113-2285	23	583030	113-3605	27	583274	173-3668	41	583663	113-4488	28
582023	173-3672	41	582504	113-3241	26	583035	413-3035	47	583282	413-3282	48	583664	113-4489	28
582041	133-3376	35	582506	173-3724	41	583036	413-3036	47	583284	413-3284	48	583665	113-4489	28
582053	413-2053	47	582508	183-2508	44	583037	113-3101	25	583289	133-3379	35	583667	113-4488	28
582056	113-1731	23	582510	113-2537	24	583041	113-3101	25	583298	183-3740	44	583668	173-3668	41
582057	113-1726	23	582530	113-3072	25	583045	133-3379	35	583320	113-3122	26	583669	173-3669	41
582061	413-9915	53	582537	113-2537	24	583047	413-3047	47	583336	113-3101	25	583670	173-3117	41
582091	183-2091	44	582556	113-2556	24	583048	133-3048	35	583338	413-4004	49	583671	173-3672	41
582099	173-2099	40	582574	173-3668	41	583050	173-3668	41	583340	173-3536	41	583672	173-3672	41
582106	183-2366	44	582616	193-2905	38	583060	133-3378	35	583376	133-3376	35	583672RS	273-3672RS	43
582115	113-2115	23	582636	173-3724	41	583072	113-3072	25	583377	133-3377	35	583689	193-3689	38
582122	133-3377	35	582642	113-2556	24	583073	113-3072	25	583378	133-3378	35	583703	413-4004	49
582125	113-2125	23	582645	113-3072	25	583076	193-5204	39	583379	133-3379	35	583710	173-4292	42
582138	113-2138	23	582651	113-2651	24	583101	113-3101	25	583380	113-2453	24	583715	133-3715	36
582160	183-4632	44	582654	173-4291	42	583102	113-3101	25	583387	133-3387	36	583724	173-3724	41

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OEM	CDI	PG
583729	173-3724	41
583737	183-3737	44
583740	183-3740	44
583748	113-3748	27
583771	413-3771	49
583773	113-4028	27
583777	113-4030	27
583779	173-4766	42
583785	113-4032	28
583786	113-3748	27
583830	173-3724	41
583837	173-3837	41
583852	413-3852	49
583853	133-3853	36
583865	113-3865	27
583896	113-4489	28
583940	153-1778	37
583984	113-4489	28
584004	413-4004	49
584016	413-3295	48
584027	113-4028	27
584028	113-4028	27
584029	113-4030	27
584030	113-4030	27
584032	113-4032	28
584034	113-4035	28
584035	113-4035	28
584036	113-4037	28
584037	113-4037	28
584040	113-4041	28
584041	113-4041	28
584093	193-4093	38
584109	173-4981	43
584122	113-6367K 1	30
584169	413-4169	49
584171	413-4171	49
584204	193-4204	38
584205	193-4205	38
584221	413-4221	49
584236	173-4766	42
584265	133-6343	37
584269	133-3378	35
584287	173-4287	42
584288	173-4288	42
584291	173-4291	42

OEM	CDI	PG
584292	173-4292	42
584329	113-4489	28
584331	113-4489	28
584333	173-4333	42
584347	113-4489	28
584363	133-3853	36
584390	413-4390	50
584398	413-4398	50
584401	413-4401	50
584404	413-4404	50
584406	413-4406	50
584416	852-9809	57
584423	193-5204	39
584424	193-3689	38
584476	193-4476	38
584477	183-4477	44
584486	113-4489	28
584487	113-4489	28
584488	113-4488	28
584489	113-4489	28
584504	173-1670	40
584508	113-3241	26
584528	113-3241	26
584548	173-4821	42
584558	133-4558	36
584560	173-4560	42
584561	183-2366	44
584562	133-3378	35
584586	133-3533	36
584597	153-4597	37
584603	413-4603	50
584632	183-4632	44
584636	113-6212	30
584637	113-6212	30
584641	193-4641	38
584642	113-4642	29
584643	173-4643	42
584645	413-4645	50
584674	413-4674	50
584675	193-4205	38
584686	413-4686	50
584716	133-3387	36
584746	113-3241	26
584755	173-1651	40
584762	413-4762	51

OEM	CDI	PG
584766	173-4766	42
584767	113-4767	29
584768	113-4767	29
584783	113-4783	29
584804	133-4804	36
584805	133-4804	36
584808	113-4808	29
584821	173-4821	42
584840	173-1670	40
584847	193-4847	39
584849	173-4849	42
584890	193-4890	39
584908	113-4767	29
584910	113-4985	29
584912	113-4986	29
584914	133-6343	37
584919	931-4921	57
584920	931-4921	57
584921	931-4921	57
584940	173-4954	43
584954	173-4954	43
584981	173-4981	43
584984	113-4489	28
584985	113-4985	29
584986	113-4986	29
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585035	153-1778	37
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585074	113-4767	29
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585085	413-5085	51
585087	173-1651	40
585114	113-6212	30
585129	193-4204	38
585145	113-4808	29
585189	113-4808	29
585192	193-4205	38
585195	193-4204	38
585219	193-4093	38
585224	113-4767	29

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585260	113-4767	29
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585995	193-4641	38
586000	193-3689	38
586015	113-6292	30
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586023	413-6023	51
586026	413-0016	46
586027	413-6027	51
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586075	193-6048	39
586098	113-6292	30
586147	852-9809	57
586212	113-6212	30
586217	113-4037	28
586224	852-9809	57
586271	193-4641	38
586272	193-3689	38
586292	113-6292	30
586343	133-6343	37
586409	413-6409	52
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586634	113-3241	26
586661	113-6212	30
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586691	113-3241	26
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586693	113-3241	26
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586800	113-2285	23
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615029	136-5029-4	108

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616095	176-5095	109
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63D-85540-02-00	117-63D-04	116
63D-85540-03-00	117-63D-04	116
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63V-85540-02-00	117-6301	116
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653095	176-3095	109
653301	116-3301	106
653301-1	116-3301	106

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658029	136-8029-2	109
658095	176-3095	109
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658301-2	116-8301	107
658475	116-8475	107
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663095-4	176-3095	109
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684029-1	136-4029-2	108

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697-85570-10-00	187-9711	121
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6CB2003	115-3301	106
6CB2004	113-7123	31
6CB2007	113-7123	31
6CB2009	113-7123	31
6CB2012A	115-3301	106

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6F5-81950-01-00	857-1950	119
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6F5-85540-21-00	117-6522	116
6F5-85540-22	117-6522	116
6F5-85540-22-00	117-6522	116
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6G9-85540-22-00	117-6921	116
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6H3-85520-00-00	177-0010	220
6H3-85540-10-00	117-6H3-11	117

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6J8-85540-H0-00	117-6J8-H1	117
6J8-85540-H1-00	117-6J8-H1	117
6J8-85540-H2-00	117-6J8-H2	117
6L5-85540-M0-00	117-0008	10
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70050	E66-0015	138
70060	E66-0020	139
70082	E66-0024	139
70510	E66-0019	138
70520	E66-0013	138
70530	E66-0008	138
70580	E66-0010	138
71000	E65-0015	142
71020	E65-0003	141
71030	E66-0018	142
71040	E65-0001	141
71050	E65-0011	142
71060	E65-0013	142
71070	E65-0004	141
71080	E65-0009	142
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71570	E64-0017	140
71600	E64-0001	139
71710	E66-0034	146
71720	E66-0001	144
71730	E66-0026	145
71740	E66-0027	145
71750	E66-0028	145
71760	E66-0023	145
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721095-2	176-3095	109
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72115	E18-0002	137
72130	E13-0012	144
722095	176-3095	109
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72620	E66-0022	145
72650	E66-0033	146
72660	E66-0031	145
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73190	E11-0003	141
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753790	113-2474	24
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763763	173-4560	42
763764	173-4292	42
763765	173-4287	42
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763767	173-3536	41
763768	133-3377	35
763769	173-3410	41

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763777	133-3378	35
763778	133-1900	35
763779	173-4643	42
763780	173-3724	41
763781	173-3672	41
763782	133-3508	36
763783	133-3376	35
763784	173-1202	40
763785	173-3668	41
763786	123-7567	34
763788	123-7571	34
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802465	E13-0012	144
802467	E64-0004	139
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805759A2	E64-0010	140
805759A5	E64-0010	140
805759Q3	E66-0012	145
805759T1	E64-0010	140
805759T2	E64-0010	140
805759T3	E66-0012	145
808483	E64-0014	140
808483K2	E66-0005	144
808483Q2	E66-0004	144
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84-74904	414-2770	82
84-74904A 1	414-2770	82
84-76295	414-3369	83
84-76295A 1	414-3369	83
84-813415A1	931-9215	57
84-813715A1	931-9215	57
84-815358	934-1945	97
84-815358A 1	934-1945	97
84-816608A61	631-0008	136
84-816608K68	631-0006	136
84-816761K16	631-0013	136
84-816761K5	631-0007	136
84-816761K6	631-0015	136
84-816761K9	631-0001	136
84-816761Q10	631-0001	136
84-816761Q12	631-0010	136
84-816761Q14	631-0023	136
84-816761Q16	631-0013	136
84-816761Q5	631-0007	136
84-816761Q6	631-0015	136
84-816761Q8	631-0012	136
84-816761Q9	631-0001	136
84-818952A 1	414-8952	110
84-822253A20	474-9550	85
84-822253T20	474-9550	85
84-825207A 1	511-5207A 1	174
84-825207A 2	511-5207A 1	174
84-826075A 2	414-6075	83
84-847701K4	631-0008	136
84-847701Q4	631-0008	136
84-850043A 2	414-0043	82
84-850045A 2	414-0002	12
84-850046A 2	414-0003	12
84-850220A 2	414-0220	82
84-850221A 1	414-0004	12
84-85022A 2	414-0004	12
84-854322A 2	414-0005	12
84-854323A 2	414-0006	12
84-85532	414-5532	83
84-85532A 1	414-5532	83
84-85537A 1	934-5537	85
84-85537A 2	934-5537	85

OEM	CDI	PG
84-857163T 1	414-0007	12
84-863656A1	631-0011	136
84-87266A 1	414-6220A 4	83
84-881908T	934-0004	13
84-881909T	934-1945	97
84-88644A 1	414-6219A 2	83
84-88712A 1	414-0001	\
84-88721A 1	934-8721	85
84-89564A 1	414-9564	94
84-89915A 1	414-6233A 2	84
84-93669A 2	421-4401	84
84-939481A 1	414-6219A 2	83
84-96188A 2	414-9564	94
84-96188A 2	414-9564	94
84-96188A 4	414-9564	94
84-96188A 4	414-9564	94
84-96219A 1	414-6219A 5	83
84-96219A 2	414-6219A 5	83
84-96219A 5	414-6219A 5	83
84-96219A 8	414-6219A 5	83
84-96220A 2	414-6220A 4	83
84-96220A 3	414-6220A 4	83
84-96220A 4	414-6220A 4	83
84-96220A 7	414-6220A 4	83
84-96220A12	414-6220A12	83
84-96220A13	414-6220A12	83
84-96220A16	414-6220A16	83
84-96220A17	414-6220A16	83
84-96233A 1	414-6233A 2	84
84-96233A 2	414-6233A 2	84
84-96271A 2	414-0001	\
84-96277A 2	414-6277	84
84-96277A 4	414-6277	84
84-99215A25	931-9215	57
84-99215AA29	931-9215	57
841070	E64-0016	140
841263-7	E64-0011	140
841907	E65-0013	142
841926	E64-0001	139
841926-9	E64-0001	139
84329M	157-664-61	119
84872M	117-689-21	116
84872T	117-689-21	116
84879M	177-8940	118
84879T	177-8940	118

OEM	CDI	PG
84879T	177-8940	118
849849A 1	314-9849A 1	91
849849A 2	314-9849A 2	91
849849A 3	314-9849A 3	91
849849A 4	314-9849A 4	91
849849A 5	314-9849A 5	91
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849849A 7	314-9849A 7	91
849849A 8	314-9849A 8	\
849849A 9	314-9849A10	91
849849A10	314-9849A10	91
849849A11	314-9849A13	91
849849A12	314-9849A14	91
849849A13	314-9849A13	91
849849A14	314-9849A14	91
850439	511-9766	168
850439T	511-9766	168
850439T 1	511-9766	168
850484	E64-0005	139
850484T	E64-0005	139
850484T1	E66-0035	146
850484T2	E64-0005	139
850484T3	E66-0035	146
850485	E65-0014	142
850485 1	E65-0014	142
850487	E11-0003	141
850489	E13-0012	144
852387A 4	174-2387	87
852387A 6	174-2387	87
852387T 6	174-2387	87
852387T 7	174-2387	87
853325	413-3325	48
853678T	E13-0006	143
853960 T	134-3960-2	84
854509	134-5744-2	107
854509A 9	134-5744-2	107
854512 T	134-4512-3	85
854513 T	134-4513-4	85
854514	194-5279	90
854514 1	194-5279	90
854514A 1	194-5279	90
854514T	194-5279	90
854514T 1	194-5279	90
854515	194-5279	90
854515 1	194-5279	90

OEM	CDI	PG
854515-1	194-5279	90
854515A 1	194-5279	90
854515T 1	194-5279	90
854515T 2	194-2115K 1	91
854839T02	934-0005	13
855713A 3	114-5713	81
855713A 4	114-5713	81
855721A 4	174-5721	89
855721T 8	174-5721	89
855744A 2	134-5744-2	107
855744A11	134-5744-2	107
855745A11	134-8302-3	107
855745A22	134-8303-4	86
855746A 1	134-4512-3	85
855746A 2	134-4513-4	85
855746A12	134-4512-3	85
855746A21	134-4513-4	85
855747A 1	134-3960-2	84
855748A 2	134-4513-4	85
855845	E65-0013	142
855846	E66-0025	139
855846-2	E66-0025	139
856747T 1	194-5279	90
856748	194-5279	90
856991A1	184-0005	11
857169A 2	144-7169	84
857169T 1	144-7169	84
857169T 2	144-7169	84
857169T 2	144-7169	84
857185A 2	144-7185	84
857185A1	144-7185	84
857185T 1	144-7185	84
857185T1	144-7185	84
86255A 2	194-9502	91
86255A 3	194-9502	91
86617	174-6617K 1	89
86617A 2	174-6617K 1	89
86617A 3	174-6617K 1	89
86617A 5	174-6617K 1	89
86617A 9	174-6617K 1	89
86617A11	174-6617K 1	89
86617A13	174-6617K 1	89
86617A14	174-6617A17	89
86617A17	174-6617A17	89
86617A20	174-6617K 1	89

OEM	CDI	PG
87-19761	852-9809	57
87-71831	E66-0015	138
87-861780A2	E11-0005	143
87-861780Q4	E11-0005	143
87-861780Q2	E11-0005	143
87-861780Q4	E11-0005	143
87-892150A02	E11-0005	143
87-892150Q02	E11-0005	143
87-91019A2	E11-0005	143
87-91019A3	E11-0005	143
87-91019A6	E11-0005	143
87-F650450	152-9209	110
875166-7	631-0010	136
876532-3	631-0013	136
878331	193-4204	38
878332	193-4205	38
878333	193-4641	38
878334	193-3689	38
878334001	113-5316	30
878335	193-5204	39
878768	193-4093	38
878834	113-5316	30
878834001	113-5316	30
878949	113-3748	27
879614	183-3740	44
879984T01	184-0003	96
880615T01	184-0002	11
881346T	194-0001	12
882751A 1	852-9819	84
882751A 2	852-9819	84
883071A 1	194-5279	90
883072	194-5279	90
883072T	194-5279	90
883072T 1	194-2115K 1	91
883072T 2	194-2115K 1	91
884790	e65-0008	142
884792	E64-0006	139
88825A 1	194-8825K 1	91
88825A 7	194-8825K 1	91
888731	E64-0007	139
888787	116-5301	106
888788	116-8301	107
888789	116-9301	107
888790	116-8475	107
888791	182-4475R	110

OEM	CDI	PG
888792	176-5095	109
888793	176-3095	109
888794	136-5029-4	108
888795	136-6029-3	108
888796	136-3029-3	108
888797	136-4029-4	108
888798	136-4029-2	108
888799	136-4029-5	108
888800	136-8029-2	109
889493	185-2370	110
889493A01	185-2370	110
892615	E13-0004	143
892615001	E13-0004	143
892615002	E13-0004	143
893640-002	194-2115K 1	91
893640T01	194-2115K 1	91
89564A 1	414-9564	94
898141	E13-0002	143
898253003	E66-0008	138
898253008	E65-0003	141
898253009	E65-0007	142
898253010	E65-0006	141
898253011	E65-0005	141
898253012	E65-0014	142
898253013	e65-0008	142
898253022	E64-0006	139
898253T22	E64-0006	139
898253T23	E64-0007	139
898253T24	E18-0004	137
898253T28	E66-0007	144
898253T29	E66-0006	144
899883229	114-6222	82
899883230	114-7452A 3	82
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8M0051213	314-9849A 6	91
8M0054726	E13-0001	143
8M0058226	154-6770	80
8M0060495	E66-0006	144
8M0061335	E66-0006	144
8M0062084	E65-0014	142
8M0077473	184-0004	96
8M0097035	E13-0006	143
8M0123099	E11-0003	141

OEM	CDI	PG
8M6001106	E64-0006	139
8M6001217	E66-0010	138
8M6001218	E66-0008	138
8M6001219	E66-0025	139
8M6001222	e65-0008	142
8M6001224	E65-0001	141
8M6001249	E66-0019	138
8M6001250	E66-0020	139
8M6001251	E65-0003	141
8M6001252	E65-0007	142
8M6001253	E65-0006	141
8M6001254	E65-0005	141
8M6002327	184-0002	11
8M8023274	314-9849A 6	91
8M8023278	314-9849A10	91
8M8023280	314-9849A13	91
8M8023282	314-9849A14	91
9-15200	852-9809	57
9-15201	852-9819	84
9-15202	852-9819	84
9-17100	154-6770	80
9-17101	194-5279	90
9-17200	193-3408	38
9-17201	153-1778	37
9-17202	193-4476	38
9-17203	193-5204	39
9-17204	193-6048	39
9-17205	193-4641	38
9-17207	193-3689	38
9-23100	183-2091	44
9-23102	183-4477	44
9-23103	183-3737	44
9-23104	183-3740	44
9-23105	183-2303	44
9-23107	183-2508	44
9-23108	183-2382	44
9-23202	114-7509	82
9-23251	180-0002	133
9-24500	123-9898-P	34
9-24501	123-9898-P	34
9-24502	123-9898-P	34
9-25000	113-2125	23
9-25001	113-2138	23
9-25002	113-2453	24
9-25003	113-2651	24

OEM	CDI	PG
9-25004	113-2705	25
9-25005	113-2811	25
9-25006	113-3110	26
9-25007	113-3112	26
9-25008	113-2115	23
9-25009	113-2285	23
9-25010	113-3241	26
9-25011	113-3748	27
9-25013	113-5316	30
9-25017	113-4041	28
9-25019	113-6212	30
9-25020	113-4037	28
9-25021	113-4028	27
9-25022	113-3605	27
9-25023	113-3101	25
9-25024	113-3865	27
9-25025	113-4488	28
9-25026	113-4489	28
9-25027	113-4985	29
9-25028	113-4808	29
9-25030	133-6343	37
9-25100	114-7778	82
9-25101	114-7452A 3	82
9-25102	113-4783	29
9-25104	114-5772	82
9-25106	114-6222	82
9-25108	114-9052	82
9-25500	174-5456	88
9-25501	174-3996	87
9-25504	174-5456-16	89
9-25505	174-6617K 1	89
9-25507	174-2075K 2	87
9-25512	174-9610K 2	90
9-28001	631-0004	136
9-28002	631-0008	136
9-28003	631-0010	136
9-28009	631-0011	136
9-28011	631-0006	136
9-28012	631-0001	136
9-28014	631-0015	136
9-28015	631-0017	136
9-28016	631-0013	136
9-28017	631-0012	136
9-28020	631-0007	136
9-28026	631-0025	136



OEM	CDI	PG
9-28030	631-0026	136
9-28031	631-0020	136
9-28032	631-0021	136
9-28044	631-0018	136
9-28053	631-0022	136
9-28056	631-0023	136
9-28083	934-0004	13
9-29000	E66-0015	138
9-29004	E66-0025	139
9-29005	E66-0020	139
9-29006	E66-0017	138
9-29100	E66-0008	138
9-29101	E66-0010	138
9-29103	E66-0013	138
9-29104	E66-0008	138
9-29106	E66-0014	138
9-29108	E66-0019	138
9-29200	E65-0009	142
9-29201	E65-0011	142
9-29203	E65-0013	142
9-29205	E65-0015	142
9-29206	E65-0010	142
9-29209	E65-0006	141
9-29212	E65-0015	142
9-29213	E65-0012	142
9-29214	E65-0013	142
9-29217	e65-0008	142
9-29218	E65-0004	141
9-29220	E65-0005	141
9-29221	E65-0014	142
9-29222	E65-0007	142
9-29223	E65-0002	141
9-29300	E66-0021	145
9-29301	E66-0022	145
9-29304	E66-0033	146
9-29308	E66-0004	144
9-29309	E66-0033	146
9-29310	E66-0031	145
9-29311	E66-0001	144
9-29313	E66-0023	145
9-29314	E66-0028	145
9-29315	E66-0026	145
9-29316	E66-0027	145
9-29317	E66-0002	144
9-29318	E66-0006	144

OEM	CDI	PG
9-29319	E66-0007	144
9-29320	E66-0003	144
9-29321	E66-0035	146
9-29324	E66-0011	144
9-29400	E64-0013	140
9-29401	E64-0002	139
9-29402	E64-0012	140
9-29403	E64-0010	140
9-29411	E64-0014	140
9-29412	E64-0016	140
9-29413	E64-0017	140
9-29418	E64-0015	140
9-29419	E64-0006	139
9-29420	E64-0007	139
9-29421	E64-0008	140
9-29423	E64-0009	140
9-29424	E64-0004	139
9-29425	E64-0005	139
9-29426	E64-0001	139
9-29700	E18-0004	137
9-29701	E18-0008	137
9-29703	E18-0005	137
9-29704	E18-0010	137
9-29705	E18-0002	137
9-29706	E18-0001	137
9-29709	E18-0006	137
9-29710	E18-0007	137
9-29800	E11-0003	141
9-29804	E11-0005	143
9-29806	E13-0002	143
9-29807	E11-0004	141
9-29820	E13-0003	143
9-29821	E13-0004	143
9-29822	E13-0005	143
9-29900	E12-0002	137
9-33604	E13-0001	143
9-33700	E13-0008	143
9-33701	E13-0007	143
9-33702	E13-0006	143
90576A2	E65-0009	142
90576A5	E65-0004	141
90746A1	E64-0010	140
9089Q	E65-0013	142
91-850439	511-9766	168
914631	E18-0001	137

OEM	CDI	PG
91707	117-6E0-71	117
91707M	117-6E0-71	117
917849	110-0002	133
958744	110-0001	133
96219A 2	414-6219A 2	83
96452A 1	134-6452	85
96452A 4	134-6452	85
96452A 5	134-6452	85
96453A 1	134-6454	85
96453A 2	134-6454	85
96455A 1	134-6453	85
96455A 6	134-6456	85
96455A 8	134-6453	85
96455A 9	134-6456	85
96455A10	134-6456	85
96455A11	134-6456	85
96455A15	134-6456-15	85
96455A18	134-6456-18	85
96455T18	134-6456-18	85
965451	134-6454	85
980152	E64-0003	139
980892	E65-0011	142
980893	E66-0025	139
980894	E66-0019	138
981654	E12-0002	137
98171	631-0009	136
982025	413-2025	\
982209	E64-0012	140
982211	E65-0001	141
982336	E64-0017	140
982749	123-9898-P	34
982755	123-9898-P	34
982767	933-2767	34
982774	123-9898-P	34
982879	E64-0001	139
982880	E65-0013	142
984036	123-9898-P	34
984051	933-4051	35
984276	123-9898-P	34
984281	123-9898-P	34
984398	E64-0001	139
984401	E64-0016	140
984730	123-9898-P	34
984740	123-9898-P	34
985218	E64-0015	140

OEM	CDI	PG
985902	123-9898-P	34
986342	123-9898-P	34
986610	123-7878	34
986642	E13-0012	144
986643	E64-0004	139
986651	E65-0005	141
986837	123-9898-P	34
986999	123-7567	34
987136	E66-0025	139
987396	123-7878	34
987397	123-7566	34
987400	123-7571	34
987403	123-7567	34
987564	123-7571	34
987566	123-7566	34
987567	123-7567	34
987571	123-7571	34
987700	423-7731	55
987704	123-7571	34
987731	423-7731	55
987738	123-9898-P	34
987739	123-9898-P	34
987740	123-9898-P	34
987874	123-7566	34
987875	123-7567	34
987876	123-7571	34
987877	123-7571	34
987878	123-7878	34
987894	E66-0025	139
987895	E66-0019	138
987925	E66-0031	145
987926	E66-0033	146
987985	E64-0009	140
987986	E65-0002	141
99021A 2	134-9021-4	86
99021A 3	134-9021-3	86
99021A 5	134-9021-3	86
99021A 6	134-9021-4	86
99021A 8	134-9021-3	86
99021A11	134-9021-2	86
99021A13	134-9021-3	86
99021A14	134-9021-2	86
99021A15	134-9021-3	86
99021A16	134-9021-3	86
99021K 2	134-9021-4	86

OEM	CDI	PG
99502A 4	194-9502	91
99502A 7	194-9502	91
99502A 8	194-9502	91
99502A 9	194-9502	91
99502A12	194-9502	91
99502A13	194-9502	91
9G0M	113-7123	31
A12370	185-2370	110
BEL 700706	631-0015	136
CU-15	119-0602	128
D550	113-7123	31
D551	113-7123	31
F12345	185-2370	110
F12370	185-2370	110
F12379	116-2379K 2	106
F12386	116-2379K 3	106
F14048	135-4048	108
F14048-1	135-4048	108
F14048-2	135-4048	108
F14058	135-4048	108
F311450	155-1450	110
F345475	182-5475	110
F345475-1	182-5475	110
F345475-2	182-5475	110
F369450	155-1450	110
F369450-1	155-1450	110
F404301	115-3301	106
F404301-1	115-3301	106
F404301-2	115-3301	106
F404470	152-9209	110
F404470-1	152-9209	110
F475029	136-5029-2	108
F475095	176-5095	109
F475301-1	116-5301	106
F475470	152-9209	110
F510301	116-0301	106
F510450	152-9209	110
F510450-1	152-9209	110
F523301	115-3301	106
F523301-1	115-3301	106
F525475	116-5475	107
F529301	116-9301	107
F615029	136-5029-4	108
F615095	176-5095	109
F615475	182-4475R	110

OEM	CDI	PG
F616029	136-6029-3	108
F616095	176-5095	109
F617450	152-9209	110
F650450	152-9209	110
F653029	136-3029-3	108
F653029-1	136-3029-3	108
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174-6120K 1	89	173-3536	41	183-4477	44	197-0002	12	413-3295	48
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177-0012	10	173-4954	43	189-0002	132	314-9849A14	91	413-4401	50
177-0013	11	173-4981	43	189-3081	96	314-9849A48	91	413-4404	50
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178-0002	132	174-2386	87	193-4204	38	413-1622	46	413-4686	50
178-0003	11	174-2387	87	193-4205	38	413-1654	46	413-4762	51
178-9450	132	174-3175	87	193-4476	38	413-1721	46	413-5085	51
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179-0004	128	174-3996	87	193-4847	39	413-1818	46	413-5241	51
179-0005	128	174-4424	88	193-4890	39	413-1886	47	413-5253	51
180-0001	11	174-4469	88	193-5204	39	413-1975	47	413-5501	51
180-0002	133	174-4470	88	193-6048	39	413-2053	47	413-5776	51
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413-9902	52	414-9564	94	631-0021	136	994-3981	86	E64-0006	139
413-9903	52	421-4401	84	631-0022	136	994-4371	86	E64-0007	139
413-9904	52	423-0001	55	631-0023	136	994-4463	86	E64-0008	140
413-9905	52	423-6349	55	631-0025	136	994-4603	86	E64-0009	140
413-9906	52	423-7731	55	631-0026	136	994-4841	86	E64-0010	140
413-9907	53	453-0901	54	852-9809	57	C11-0001	133	E64-0011	140
413-9908	53	453-7955	54	852-9819	84	C11-0002	133	E64-0012	140
413-9909	53	473-9420	54	857-1950	119	C11-0003	133	E64-0013	140
413-9910	53	473-9430	54	859-5901	128	C11-0004	133	E64-0014	140
413-9912	53	473-9460	54	913-2256	56	E11-0001	141	E64-0015	140
413-9913	53	474-9550	85	913-2478	56	E11-0002	141	E64-0016	140
413-9914	53	511-4017	173	913-4679	56	E11-0003	141	E64-0017	140
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# ***PREMIER REPAIR SERVICES***

## **SIGNATURE REPAIR AND RETURN AND PERFORMANCE ENHANCEMENT SERVICES.**



### **WHAT CAN PREMIER REPAIR SERVICE DO FOR YOU?**

- Improve performance by having us recalibrate your outboard EFI Module. (a)
- Repair obsolete and highly unique parts.
- Improve circuits to more reliable designs.
- Upgrade and improve wiring.
- Recurve your EFI back to OEM specs when we rebuild it.
- Usually save money versus buying a new part from the OEM.

### **HOW DOES THIS WORK?**

- ① Contact CDI Electronics via our website or phone to obtain a return merchandise authorization (RMA) number.
- ② Send the part to CDI Electronics with the RMA number written on the box.
- ③ CDI will repair your ignition component, then test the part to make sure it's performing at an optimal level.
- ④ CDI Electronics will return the part to you via UPS.

We keep it simple. Call us at 1-800-467-3371 with questions and details about your needs and we'll take it from there! **Please note the "R" numbers listed on these two pages are not a comprehensive listing of parts available with Premier Repair Services.**

The time it takes to service the part and return it to you depends on the season and work load at the factory. Typically, once CDI Electronics receives the part, it can be turned around in 2 – 4 weeks.

*(a) For racing purposes only. You must sign a disclaimer stating you will be using the modified EFI for racing purposes only.*

CDI R&R	Manuf.	Model	CDI R&R	Manuf.	Model	CDI R&R	Manuf.	Model	CDI R&R	Manuf.	Model
R1201684	Chrysler	Stator	R398-2996	Mercury	Stator	R92431A 6	Mercury	Trigger	R677-81303-60-00	Yamaha	Stator
R345301	Chrysler	Ign. Pack	R398-2997	Mercury	Stator	R98450	Mercury	Trigger	R677-81303-F0-00	Yamaha	Stator
R474475K 2	Chrysler	Coil	R398-4634	Mercury	Stator	R32101-92E11	Suzuki	Stator	R677-81311-F0-00	Yamaha	Stator
R474475K 4	Chrysler	Coil	R398-6097A3	Mercury	Stator	R32900-94421	Suzuki	Ign. Pack	R689-81303-A0-00	Yamaha	Stator
R474475RT 4	Chrysler	Coil	R398-821935K 1	Mercury	Stator	RLT300E	Suzuki	Stator	R689-85580-40-00	Yamaha	Trigger
R474744-1	Chrysler	Harness	R398-821935K 2	Mercury	Stator	RTIA04-05	Suzuki	Ign. Pack	R68F-81410-00-00	Yamaha	Stator
RF85095-2	Chrysler	Stator	R398-852387T 7	Mercury	Stator	R610906	Tecumseh	Ign. Pack	R695-85520-70-00	Yamaha	Stator
R610759	Eska	Ign. Pack	R474-0001	Mercury	Harness	R30540-881-732	Tohatsu	Trigger	R695-85580-70-00	Yamaha	Trigger
R610851B	Eska	Ign. Pack	R74324A 3	Mercury	Trigger	R31630-881-004	Tohatsu	Stator	R697-85520-00-00	Yamaha	Stator
R466095	Force	Stator	R74324A2	Mercury	Trigger	R345062220M	Tohatsu	Trigger	R697-85533-00-00	Yamaha	Stator
R510029	Force	Trigger	R74367A 9	Mercury	Stator	R346062210M	Tohatsu	Stator	R697-85560-A1-00	Yamaha	Stator
R525301	Force	Stator	R74367A15	Mercury	Stator	R346062230M	Tohatsu	Coil	R697-85580-10-00	Yamaha	Trigger
R529029	Force	Trigger	R76314A 3	Mercury	Stator	R362-060220M	Tohatsu	Trigger	R6A8-85580-40-00	Yamaha	Stator
R32101-92E2	J/E	Stator	R804505M	Mercury	Stator	R369060601M	Tohatsu	Regulator	R6E7-81303-40-00	Yamaha	Stator
R383440	J/E	Regulator	R814987	Mercury	Ign. Pack	R3A3-06240-0M	Tohatsu	Ign. Pack	R6E7-81303-A0-00	Yamaha	Stator
R440211	J/E	Ign. Pack	R822884	Mercury	Ign. Pack	R3AA70650M	Tohatsu	Regulator	R6E7-85520-70-00	Yamaha	Stator
R445128	J/E	Stator	R823030	Mercury	Stator	R3B7061200M	Tohatsu	Stator	R6E7-85580-70-00	Yamaha	Stator
R445132	J/E	Ign. Pack	R823034	Mercury	Ign. Pack	R3B7061201M	Tohatsu	Stator	R6E9-85520-70-00	Yamaha	Stator
R567540	J/E	Stator	R825076	Mercury	Regulator	R3B7061302M	Tohatsu	Trigger	R6E9-85533-70-00	Yamaha	Stator
R567774	J/E	Regulator	R825098	Mercury	Ign. Pack	R3B7061600M	Tohatsu	Ign. Pack	R6E9-85540-71-00	Yamaha	Ign. Pack
R580648	J/E	Stator	R825659	Mercury	Stator	R3B7760653M	Tohatsu	Regulator	R6E9-85580-70-00	Yamaha	Stator
R580650	J/E	Stator	R825661	Mercury	Trigger	R3C7061230M	Tohatsu	Stator	R6F0-85520-A0-00	Yamaha	Stator
R580668	J/E	Stator	R826061	Mercury	Trigger	R3C7061301M	Tohatsu	Trigger	R6F5-85520-00-00	Yamaha	Stator
R581302	J/E	Stator	R827086T 1	Mercury	Stator	R3C8061200M	Tohatsu	Stator	R6F5-85533-00-00	Yamaha	Stator
R581709	J/E	Ign. Pack	R827087M	Mercury	Stator	R3C8061230M	Tohatsu	Coil	R6F5-85580-00-00	Yamaha	Stator
R581730	J/E	Stator	R827088M	Mercury	Stator	R3C8-06160-0	Tohatsu	Ign. Pack	R6G0-85580-70-00	Yamaha	Stator
R581974	J/E	Harness	R827089M	Mercury	Stator	R3G2060020M	Tohatsu	Stator	R6G5-85580-11-00	Yamaha	Trigger
R582097	J/E	Stator	R827136M	Mercury	Stator	R3G2060210M	Tohatsu	Stator	R6G6-85510-00-00	Yamaha	Stator
R582099RS	J/E	Stator	R827137M	Mercury	Coil	R3G2060220M	Tohatsu	Trigger	R6G6-85580-00-00	Yamaha	Trigger
R582345	J/E	Stator	R827138M	Mercury	Stator	R3G2060230M	Tohatsu	Coil	R6G8-85510-01-00	Yamaha	Stator
R582426	J/E	Stator	R827399	Mercury	Stator	R3G3060210M	Tohatsu	Stator	R6G8-85540-22-00	Yamaha	Ign. Pack
R583082	J/E	Harness	R83281T	Mercury	Stator	R3G3060211M	Tohatsu	Stator	R6G9-85510-01-00	Yamaha	Stator
R583099	J/E	Harness	R83313M	Mercury	Stator	R3R3760600M	Tohatsu	Stator	R6H0-85510-01-00	Yamaha	Stator
R583354	J/E	Stator	R83314M	Mercury	Stator	R61A-85510-02-00	Yamaha	Stator	R6H0-85510-03-00	Yamaha	Stator
R583729	J/E	Stator	R83315M	Mercury	Stator	R61A-85895-00-00	Yamaha	Trigger	R6H0-85580-00-00	Yamaha	Stator
R584044	J/E	Ign. Pack	R84125M	Mercury	Regulator	R61N-81303-09-00	Yamaha	Stator	R6H2-85520-02-00	Yamaha	Stator
R584218	J/E	Harness	R84212M	Mercury	Stator	R61N-85541-09-00	Yamaha	Stator	R6H3-85510-A0	Yamaha	Stator
R585035	J/E	Regulator	R84-34229	Mercury	Harness	R61N-85541-19-00	Yamaha	Stator	R6H3-85520-00-RS	Yamaha	Stator
R980214	J/E	Harness	R84-60795	Mercury	Harness	R61N-85543-09-00	Yamaha	Trigger	R6H4-85520-00-00	Yamaha	Stator
R29999	Mercury	Harness	R84-73204	Mercury	Harness	R61N-85543-19-00	Yamaha	Trigger	R6H4-85533-A0-00	Yamaha	Stator
R332-4172	Mercury	Ign. Pack	R84-75291	Mercury	Harness	R63D-85520-00	Yamaha	Stator	R6H5-85520-00-00	Yamaha	Stator
R332-4315A 1	Mercury	Trigger	R84-824456A 2	Mercury	Harness	R63D-85580-00	Yamaha	Trigger	R6H5-85533-01-00	Yamaha	Stator
R332-4797	Mercury	Trigger	R84-824477A 4	Mercury	Harness	R64638A 1	Yamaha	Stator	R6H5-85580-00	Yamaha	Trigger
R332-4911A 3	Mercury	Ign. Pack	R84877M	Mercury	Stator	R648-81970-41-00	Yamaha	Regulator	R6J8-85520-00-00	Yamaha	Stator
R333-3213	Mercury	Ign. Pack	R84881M	Mercury	Coil	R64D-85580-00-00	Yamaha	Trigger	R6L2-85520-10-00	Yamaha	Stator
R336-4516	Mercury	Ign. Pack	R852664M	Mercury	Stator	R654029-2	Yamaha	Trigger	R6L2-85520-F0-00	Yamaha	Stator
R338-4731A 1	Mercury	Trigger	R86704T11	Mercury	Stator	R655-81311-A0-00	Yamaha	Stator	R6L2-85592-F1-00	Yamaha	Stator
R338-4996A 1	Mercury	Trigger	R89004	Mercury	Trigger	R655-81312-A0-00	Yamaha	Stator	R6L2-85595-F1-00	Yamaha	Stator
R338-5286A 1	Mercury	Trigger	R91690T	Mercury	Stator	R663-81313-A0-00	Yamaha	Stator	R6N7-85510-00-00	Yamaha	Stator
R37707	Mercury	Regulator	R91692	Mercury	Trigger	R663-85541-A0-00	Yamaha	Stator	R6R3-85510-00-00	Yamaha	Stator
R393-2918	Mercury	Trigger	R91694	Mercury	Trigger	R663-85565-A0-00	Yamaha	Trigger			
R398-2171	Mercury	Stator	R91697T	Mercury	Trigger	R663-85580-10-00	Yamaha	Trigger			

## Mercury ECM & EFI's Available for Premier Repair Services

\*Numbers Listed Below are CDI Numbers (R+OEM Number)

### Electronic Control Modules & Electronic Fuel Injectors

Brand New ECM & EFI Systems tend to be costly. With **PREMIER REPAIR SERVICES**, you can send your current ECM or EFI into CDI Electronics and let the professionals rebuild or reprogram your system for a fraction of the cost.



ECM/EFI	ECM/EFI	ECM/EFI
R11350A 8	R824003 11	R824003A 8
R11350A52	R824003 12	R824003A 9
R14632A 1	R824003 13	R824003A10
R14632A 2	R824003 14	R824003A11
R14632A 4	R824003 15	R824003A12
R14632A 5	R824003 16	R824003A13
R14632A 7	R824003 2	R824003A14
R14632A 9	R824003 3	R824003A15
R14632A10	R824003 4	R824003A16
R14632A12	R824003 5	R824003A17
R14632A13	R824003 6	R824003A23
R14632A15	R824003 7	R824003A25
R14632A16	R824003 8	R824003A26
R14632A17	R824003 9	R824003A27
R14632A18	R824003A 1	R824003A28
R14632A19	R824003A 2	R824003A29
R14632A20	R824003A 3	R824003A30
R313-0007	R824003A 4	R824003A31
R603-0001	R824003A 5	R824003A32
R824003 1	R824003A 6	R824003R32
R824003 10	R824003A 7	R849849

## Ficht EMM Repair



**CDI Electronics' Premier Repair Service is now offering FICHT repair, EMM Repair, and return service for Ficht Engine Management Module Systems from 1997 through present.**

### *The Easiest Repair You'll Do!*

1. Call 1.800.467.3371 to speak with Customer Service and receive your Return Authorization number.
2. Send a completed Ficht EMM Return Checklist with your unit to us! Let us quickly evaluate, repair and return the unit to you.
3. Install your EMM and **GET YOUR CUSTOMER BACK ON THE WATER!**



**Call Customer Service to get started or to ask any process questions: 1.800.467.3371**



## WARRANTY

### CDI ELECTRONICS' LIMITED CONSUMER WARRANTY

The following describes CDI Electronics' standard limited warranty. Warranty coverage may differ depending on jurisdiction.

#### Warranty Coverage

CDI's Limited Warranty covers defects in material or workmanship on new CDI Electronics products generally for a period of 2 years from the purchase date. Exceptions are listed below. Only consumers purchasing CDI Electronics products from authorized CDI Electronics retailers or resellers and installed by a professional marine technician may obtain coverage under CDI's Limited Warranty. Components with a manufacturing date greater than 10 years old are not covered under the CDI Warranty, even if the purchase date has been within the past 2 years. Purchases from unauthorized resellers, which may include some online entities, may not guarantee that the purchaser will receive a newly manufactured component, and therefore does not guarantee warranty coverage.

#### Warranty Length

CDI's warranty period begins on the documented date of purchase, depending on the type of product and where it was purchased. The warranty shall apply for the period listed below according to the type of product purchased:

**CDI Electronics Ignition Modules & Stators: 2 Years**

**All other CDI Electronics Products: 1 Year**

**Premier Repair Products (Part Number with R Prefix: 90 Days**

**Ficht EMM Repair: 20 Engine Hours**

If possible, please provide an original invoice for your warranty claim. In the absence of an original invoice, CDI Electronics will use the manufacturing date to determine warranty eligibility.

#### Warranty Resolution

If CDI Electronics authorizes a product to be returned to CDI or an authorized service provider, CDI Electronics will repair the product or replace it without charge with a functionally equivalent replacement product. CDI Electronics may replace your product with a product that was previously in service or repaired, but re-tested to meet CDI Electronics specifications. CDI Electronics will pay to ship the replacement product to you. By sending your product for replacement, ownership of the original product will be transferred to CDI Electronics. Labor charges are not covered under this warranty. CDI Electronics warrants that repaired or replaced products shall be covered under the CDI Warranty for the remainder of the original product warranty, or 90 days, whichever is greater.

#### Not Covered by the Warranty

CDI Electronics' Warranty does not cover any problem that is caused by (a) an accident, abuse, neglect, or exposure to shock, electrostatic discharge, heat or humidity beyond the product's specifications, improper installation, inappropriate operation, maintenance or modification, or (b) any misuse contrary to the instructions in the installation sheet, or (c) loss, or (d) malfunctions caused by other equipment. CDI Electronics' Warranty is void if a product is returned with removed, damaged or tampered labels or any other alterations (including removal of any component or external cover) to the product. CDI's Warranty does not cover labor charges or any direct, consequential, or incidental damages. Costs related to recovery, removal or installation are not recoverable under the CDI Electronics Limited Warranty.

#### Applicable Laws

CDI Electronics' Warranty is governed by the laws of the State of Alabama, USA. The CDI Warranty provides you specific legal rights, and you may also have other rights that vary from state to state. CDI's Warranty does not affect any additional rights consumers have under laws in their jurisdictions governing the sale of consumer goods, including, without limitation, national laws implementing EC Directive 44/99/EC. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the limitations or exclusions in CDI Electronics' Warranty may not apply in certain jurisdictions.

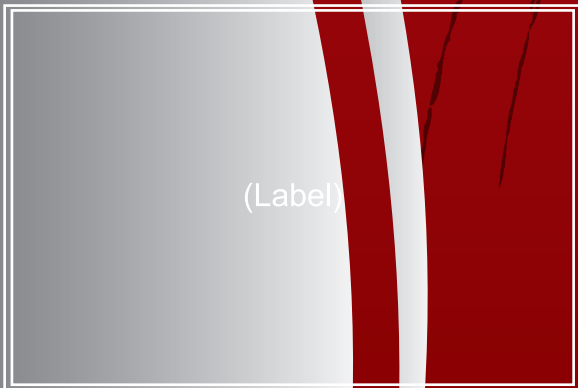
## Ignition System Complexity

The entire ignition system on a marine engine is the most complex set of interrelated components on the engine due to the combination of variables that exist among and between the battery, stator, trigger, coils, wiring harness and spark plug - any defective combination of which may cause a particular part to fail. In addition, most marine technicians are not required to diagnose ignition issues on a daily basis and may not be intimately familiar with all the various system designs which vary by engine manufacturer. For this reason, CDI's data shows that almost 75% of so called "out of box failures" occur due to a malfunction in another component within the ignition system. To address this problem, CDI Electronics provides technical troubleshooting guides for most marine engine issues. In addition we have a technical services team that is always available to assist you in diagnosing the problem.



**CDI Electronics®**

THE WORLD'S LEADING  
**MARINE IGNITION  
SPECIALISTS**



→ **THE LARGEST SELECTION  
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CURRENTLY IN PRODUCTION**

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COMPONENTS DESIGNED, MANUFACTURED  
AND TESTED IN THE U.S.A.**

→ **TECHNICAL SUPPORT  
FOR QUICK DIAGNOSIS**



Please read carefully. All policies, procedures, and instructions are subject to change. This guide was prepared to provide information and does not constitute a contract. CDI Electronics reserves the right, without prior notice, to change, delete, supplement, or otherwise amend at any time the information and policies contained in this guide. For the most recent information about CDI Electronics' products, policies, and instructions please visit [www.cdielelectronics.com](http://www.cdielelectronics.com)

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CDI Electronics  
353 James Record Road SW  
Huntsville, AL 35824

**Customer Service    Technical Support**  
**1.800.467.3371        1.866.423.4832**

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