



# Installation and Troubleshooting Guide

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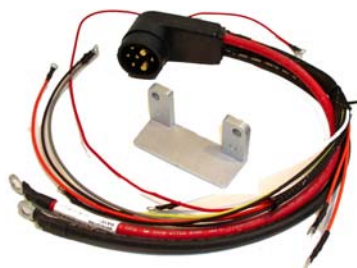
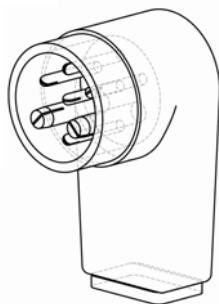
**CDI P/N: 414-5532**

## Internal Engine Wiring Harness

This harness replaces P/N's: 34229, 47929, 57022, 84-85532.

**Warning!** This product is designed for installation by a professional marine mechanic. CDI cannot be held liable for injury or damage resulting from improper installation, abuse, neglect or misuse of this product.

Fuses are not included with this harness.



### NORMAL CONNECTIONS ON ALTERNATOR DRIVEN IGNITIONS

**WARNING!! DO NOT CONNECT ANY 12V DC (RED WIRE) TO THE SWITCH BOXES LISTED BELOW AS SEVERE DAMAGE WILL RESULT.**

#### SWITCH BOX P/N's

<u>Mercury</u>	<u>CDI Electronics</u>
332-4172	N/A
332-5772	114-5772
332-7778	114-7778
332-4911	114-4911
333-3213	N/A
338-4733	114-4911
339-5287	114-6222
339-6222	114-6222

<u>Wire Color</u>	<u>Function/Connection</u>
Black (4 AWG)	Engine Ground
Black (18 AWG)	Negative Terminal on Starter Solenoid
Yellow	Start Terminal on Starter Solenoid
Gray	Choke Solenoid
Orange	Kill Circuit for switch boxes and mercury tilt switchI- (May be Black/Yellow on ignition)
White	Not Used- Tape Off
Brown	Tachometer Signal
Red (4 AWG)	Battery Side of Starter Solenoid
Red (18 AWG in Harness)	POS (+) of Rectifier (May not be needed)
Red Jumper	No Connection.
Black Jumper	Connect Form Switch Box to Engine Ground.

Thank you for using CDI Electronics

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