

CDI P/N: 414-2770

Internal Engine Wiring Harness

This harness replaces P/N's: 37628, 38072, 38910, 39177, 45070, 46285, 46905, 48150, 49370, 52769, 52770, 52771, 52820, 56370, 59741, 84-46463, 84-62534, 84-66055, 84-66297, 84-69236, 84-71443, 84-73826, 84-74904.

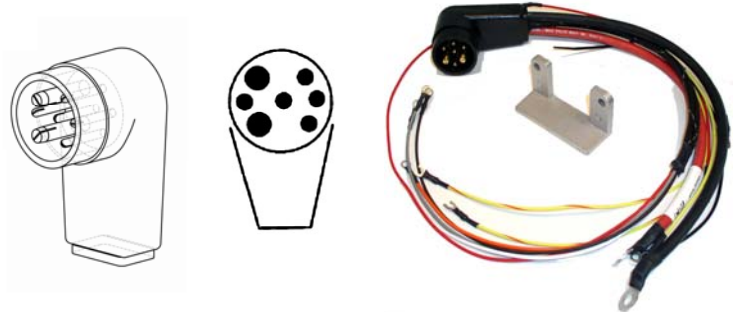
Warning! This product is designed for installation by a professional marine mechanic. CDI cannot be held liable for injury or damage resulting from improper installation, abuse, neglect or misuse of this product.

Fuses are not included with this harness.

NORMAL CONNECTIONS FOR BATTERY TYPE IGNITIONS:

SWITCH BOX P/N's

| Mercury | CDI Electronics |
|------------------|-----------------|
| 332-2803 | 114-2803 |
| 332-2986 | 114-2986 |
| 332-4796 | 114-4796 |
| 337-4411 | N/A |
| Points/Condenser | N/A |



| Wire Color | Function/Connection |
|---------------------------------|---|
| 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 ADI- Not Used, Tape Off |
| White | 12V From Key-switch |
| Yellow/Red Stripe (2) | Jumpers for Rectifier to Stator Term Block |
| 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 | Connect between Rectifier positive post and the red terminal on the switch box. |

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

| Mercury | CDI Electronics |
|----------|-----------------|
| 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 |

| Wire Color | Function/Connection |
|-------------------------|---|
| 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 ADI- (May be Black/Yellow) |
| White | Not Used- Tape Off |
| Yellow/Red Stripe (2) | Jumpers for Rectifier to Stator (If Needed) |
| 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

1/26/2008