



Installation and Troubleshooting Guide

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CDI P/N: 136-4029-4

Replaces P/N's : 654029-1, 300F654029-1 and 300-888798

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

NOTICE: This trigger has been redesigned to use only five wires as opposed to the 8 wires used on the original design. This allows the use of heavier gage wire, resulting in better durability. Connect the black wire to engine ground.

Installation

1. Disconnect the trigger and stator wires.
2. Remove the flywheel.
3. Remove the stator – Use extra care handling the stator, due to it being very fragile. The coating on the charge winding is very easy to break (Like an eggshell). Once the coating on the charge windings is broken, the stator will have to be replaced. NOTE: At this time it would be a good idea to check the outer flywheel magnet to make sure it still tightly bonded.
4. Disconnect the trigger linkage and remove the trigger.
5. Install the new trigger and reconnect the linkage.
6. Using extreme care, reinstall the stator.
7. Connect the trigger wires.
8. Connect the black wire to engine ground.
9. Reconnect the stator wires.
10. Install the flywheel according to the service manual.

4 Cylinder Connections:

Pack #1 (Firing #1 and #2 cylinders)

| | |
|--------------------------------------|---------------------------|
| Trigger: Orange (White/Orange) | Pack: White/Orange Stripe |
| Green (White/Yellow Stripe) | White/Yellow Stripe |
| Red (White/Red) | White/Red stripe |
| White/Green Stripe | White/Green Stripe |
| Stator: Yellow (Brown/Yellow Stripe) | Pack: Brown/Yellow Stripe |
| Blue (Brown/Blue Stripe) | Pack: Brown/Blue Stripe |
| Coil #1: White (Orange/Blue Stripe) | Pack: Orange/Blue Stripe |
| Coil #2: White (Orange/Blue Stripe) | Pack: Blue/Red stripe |

Pack #2 (Firing #3 and #4 cylinders)

| | |
|--------------------------------------|---------------------------|
| Trigger: Orange (White/Orange) | Pack: White/Orange Stripe |
| Green (White/Yellow Stripe) | White/Yellow Stripe |
| Red (White/Red) | White/Red stripe |
| White/Green Stripe | White/Green Stripe |
| Stator: Yellow (Brown/Yellow Stripe) | Pack: Brown/Yellow Stripe |
| Blue (Brown/Blue Stripe) | Pack: Brown/Blue Stripe |
| Coil #3: White (Orange/Blue Stripe) | Pack: Orange/Blue Stripe |
| Coil #4: White (Orange/Blue Stripe) | Pack: Blue/Red stripe |

Color Code Cross Reference

| FUNCTION | OLD | NEW |
|---------------------|--------------------|---------------------|
| Trigger | Orange | White/Orange Stripe |
| Trigger | Green | White/Yellow Stripe |
| Trigger | Red | White/Red Stripe |
| Trigger | White/Green Stripe | White/Green Stripe |
| Stator | Blue | Brown/Blue Stripe |
| Stator | Yellow | Brown/Yellow Stripe |
| Ignition Coil | White | Orange/Blue |
| Stop (Kill) Circuit | White (Brown) | Black/Yellow |

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