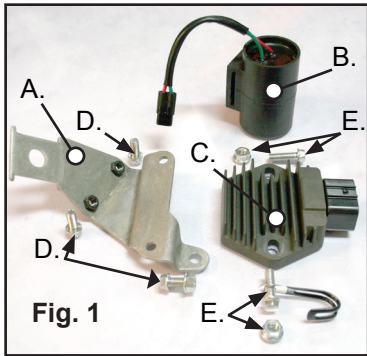


HONDA 2009-2016 CRF450R / 2010-2017 CRF250R BATTERY CONVERSION INSTALLATION

INSTALL REG/REC:

1. Remove OEM Reg/Rec assembly (Fig. 1.) Note: This is located on right hand side of this bike & holds OEM Reg/Rec and Capacitor.
2. Using isopropyl rubbing alcohol as a lubricant, slide the OEM capacitor off the mounting bracket.
3. Using an 8MM & 10MM socket/wrench remove the OEM Reg/Rec from the mounting bracket.
4. Using OEM fasteners, install Trail Tech Reg/Rec to mounting bracket. (Fig. 5)
5. Reinstall mounting bracket to frame opposite the removal process.

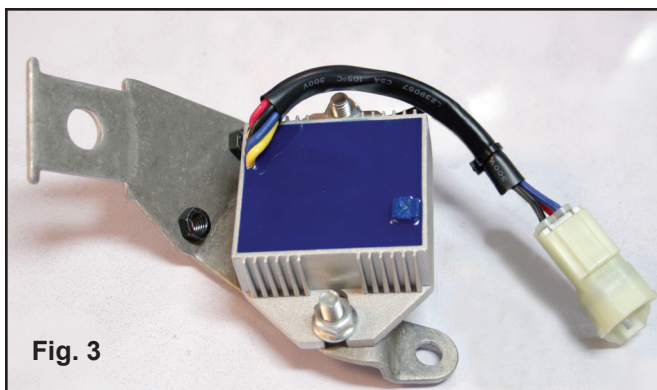


OEM Reg/Rec and Capacitor removed



OEM Reg/Rec and Capacitor Assembly

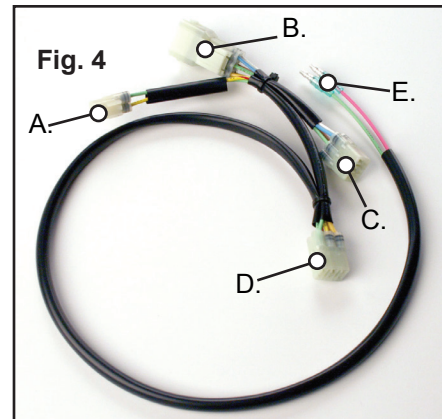
- A. OEM Mounting Bracket (This bracket will be used to mount provided Trail Tech Reg/Rec.)
- B. OEM Capacitor (Remove from bike completely.)
- C. OEM Reg/Rec (Remove from bike completely.)
- D. OEM Mounting Bracket Fasteners (Use OEM fasteners to mount bracket back to bike.)
- E. OEM Reg/Rec mounting fasteners (Use OEM fasteners to mount Reg/Rec to OEM mounting bracket.) (Fig. 5)



Trail Tech Reg/Rec installed & OEM Capacitor removed.

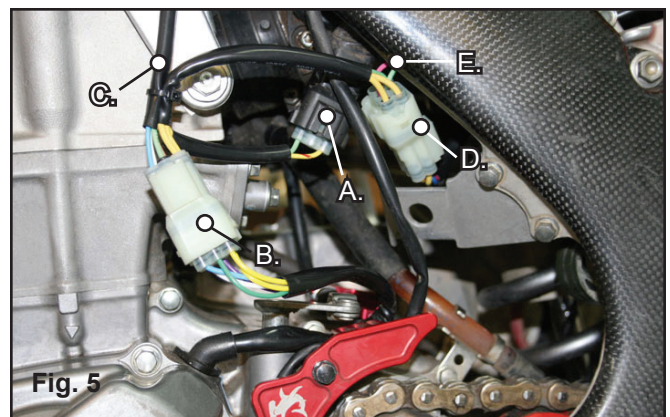
INSTALL HARNESS:

1. Remove Seat completely and loosen fuel tank fasteners; do not remove fuel tank. (This is an EFI system and requires additional tools to remove the fuel lines; see service manual for removal procedure)
2. Route provided harness (Fig. 4) onto bike & plug in each connector as shown in Fig. 5. (Note: Fig. 4 indicates what each connector plugs into.)



Provided DC Harness

- A. Harness to stock capacitor connection.
- B. Harness to Trail Tech stator connection.
- C. Harness to stock stator connection.
- D. Harness to Trail Tech Reg/Rec connection.
- E. Positive/Negative battery connection. (Route these leads to the battery installation, & connect the Red lead to the + and the Green lead the - of the provided battery (See Fig. 6))

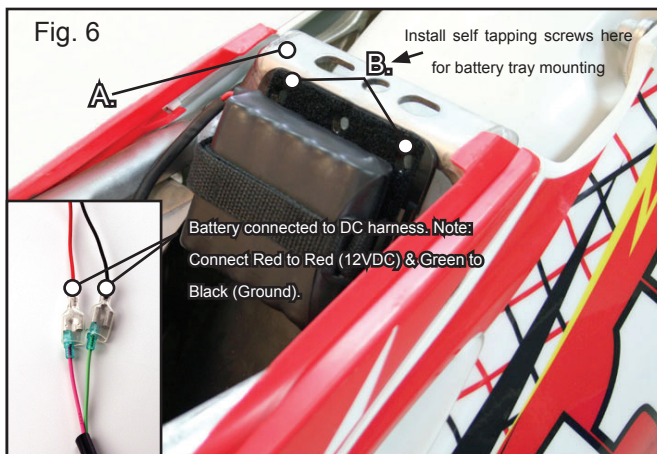


Provided DC Harness installed

HONDA 2009-2016 CRF450R / 2010-2017 CRF250R BATTERY CONVERSION INSTALLATION

INSTALL BATTERY:

1. Locate cross member of sub-frame. (Fig.6-A.)
2. Layout battery mounting kit (Fig. 7)
3. locate the 3 self tapping screws used to mount battery tray to sub frame cross member. (Fig.7) Note: a 3/16" pilot hole will need to be drilled for easy installation for the self tapping screws.
4. Install battery tray to cross member of air box. (Fig. 6-B)
5. Insert battery into battery bag & place battery on installed battery tray. (Fig. 8)
6. Secure the Velcro strap around the battery to finish installation.
7. Connect battery terminals to DC harness connections routed during installation of Trail Tech DC harness. Note: The Red lead (+) from the provided battery matches the Red lead from provided harness. The Black lead (-) from the provided battery matches the Green lead from the provided harness. (See Fig. 6)



Battery Mounting Kit (040-BAG-01)


 040-BATT3.7 NIMH Battery
 installed in Battery Bag

Note: Make sure to install the battery and battery tray allowing for proper clearance of seat and where it rest on the sub-frame cross member.