

## DC ELECTRICAL SYSTEM KIT

### HONDA CRF 150R/RB DC ELECTRICAL SYSTEM KIT

#### INSTALL TRAIL TECH STATOR:



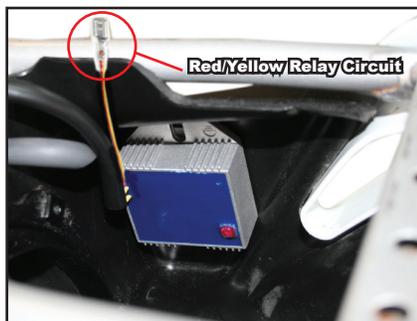
*Trail Tech CRF150R(B) stator*

#### STEPS FOR INSTALLATION OF STATOR:

1. Remove seat & fuel tank.
2. Drain oil from engine case; optionally lay bike on its side.
3. Remove shifter, and engine guard to allow for easy removal of side case.
4. Remove side case, exposing the stator and flywheel.
5. Uninstall stock stator from the side case.
6. Clean side case and bolts, remove any dirt or pieces of gasket.
7. Install Trail Tech stator, opposite of the removal process. Use factory torque specifications and bolts. (Use Loctite at your own risk, it may make future stator removal difficult.)
8. Reinstall side case and tighten bolts to factory torque specification. (Use a new gasket if the original one has torn or become damaged.)
9. Reinstall shifter and engine guard.
10. Refill the case oil to manufacturer specified level before operation

#### REG/REC INSTALL:

1. Clean the inside of air box thoroughly.
  2. Remove protective film from the VHB on the back of the Reg/Rec & apply to the inside of air-box.
- Note:** There will be an additional Red/Yellow wire found on the Reg/Rec. This lead can be used for

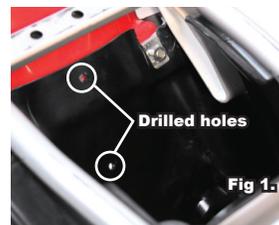


*7004-0020 Reg/Rec Installed*

any aftermarket accessory. This relayed circuit provides 12VDC once the motor is running and can be adjusted to leave power available for 30-45 seconds after the motor shuts off. This is an optional installation and is not required for the installation of the SR-8203(A) kit!

#### BATTERY TRAY INSTALL:

1. With seat & fuel tank removed, place the provided battery tray to the rear right side of the air-box, making sure the tray is placed below the cross member of your sub-frame and in the vertical position, (Fig2.) (Note: if the tray is installed slightly above the cross member of the sub-frame, it may cause a fitment issue when re-installing the seat.)
3. Once lined up, mark the two center holes of the provided tray against the rear fender/air-box.
4. Using a 13/64"(5.5MM) drill bit, drill the marked holes. (Fig1.)
5. After drilling use the provided bolt pack to install the battery tray, making sure it is installed as shown (Fig2.) (Note: Provided with the battery tray is an M5x16MM bolt intended to be used in the lower mounting hole (Fig2.), and a M5x20MM bolt which is intended for the upper mounting hole (Fig2.). Also provided are two flat washers and two nylon locknuts.(Fig3.)



*Drilled battery tray holes*



*Battery tray installed*



*Flat washers & locknuts installed*



*Finished installation*

#### REG/REC JUMPER INSTALL:

1. Plug the S-8203-PK into the reg/rec and route it as shown in the image below.
2. The two yellow wires route forward to the stator connection, matching yellow to yellow.(A)
3. The battery connections route towards the air-box and connect Red to (+) terminal & Black to the (-) terminal of the battery.(B)
4. Zip tie accordingly along the existing wiring or frame rails.

