TRAIL TECH

# KTM EXC-R PLUG AND PLAY DC CONVERSION

SUMMARY & BENEFITS:

• This installation is applicable to Trail Tech HID headlight installation, as well as general DC conversions.

• Install Stator (and flywheel) before completing these wiring instructions
• The reg/rec has a new wire to bypass the AC stator connection to the stock wiring harness.
• The DC jumper is used to provide DC power to the stock wiring harness.

BENEFITS:
• No cutting or splicing required. Makes a clean installation using factory KTM connectors.
• The installation is completely reversible.

PARTS:

The Reg/Rec provided has an optional relayed 12VDC circuit. The Red/Yellow lead pictured right, can be used to power any accessory during motor operation, & can be adjusted to provide power for 30-45 seconds after the motor is shut off. Optionally seal off this Red/Yellow wire and follow the standard installation instructions for the SR-8313 stator kit. Note: The Red/Yellow wire is not required to complete the installation of the SR-8313 kit!
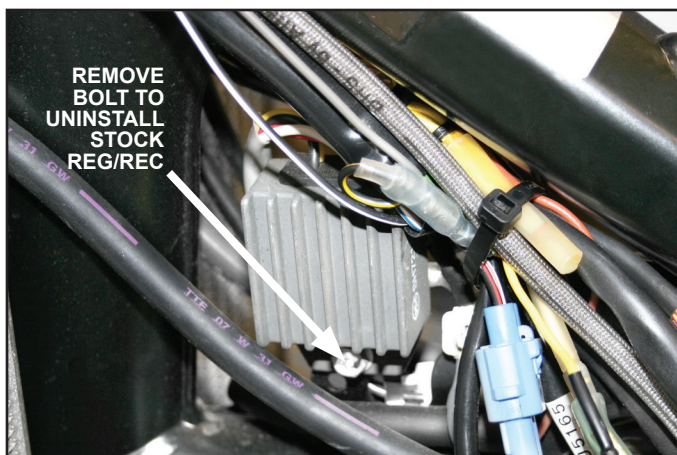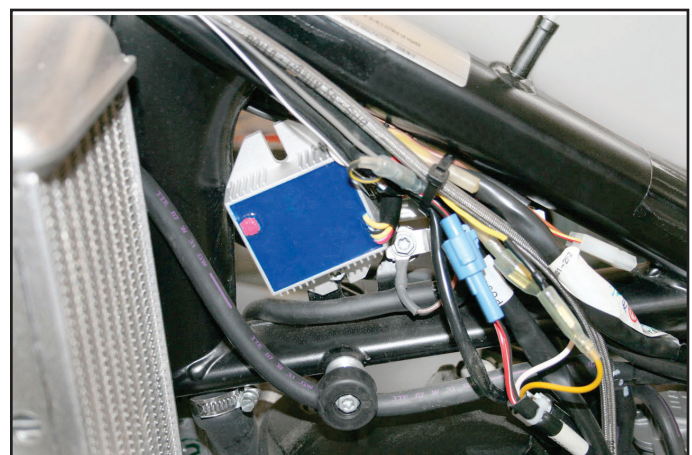

Seal off extra Red/Yellow wire
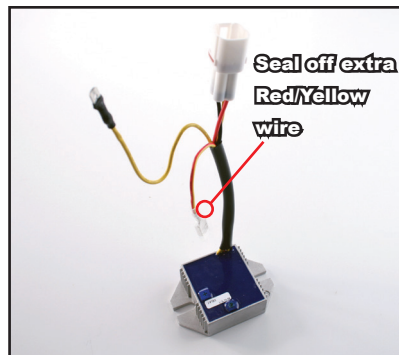
REGULATOR/RECTIFIER

DC JUMPER

INSTALLATION:

REMOVE BOLT TO UNINSTALL STOCK REG/REC
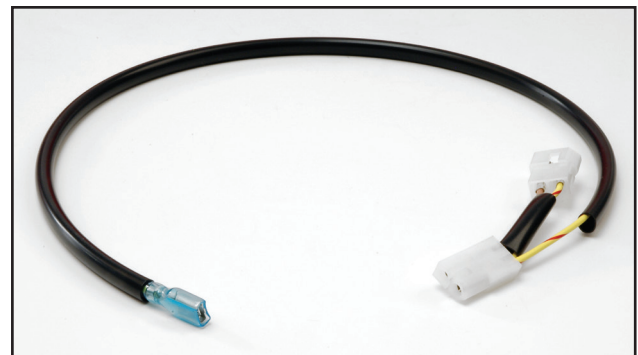
STEP 1:
1A. Remove the fuse (located under the seat, near the battery)
1B. Locate the stock reg/rec underneath the tank.
1C. Remove the 8mm bolt holding the stock reg/rec.
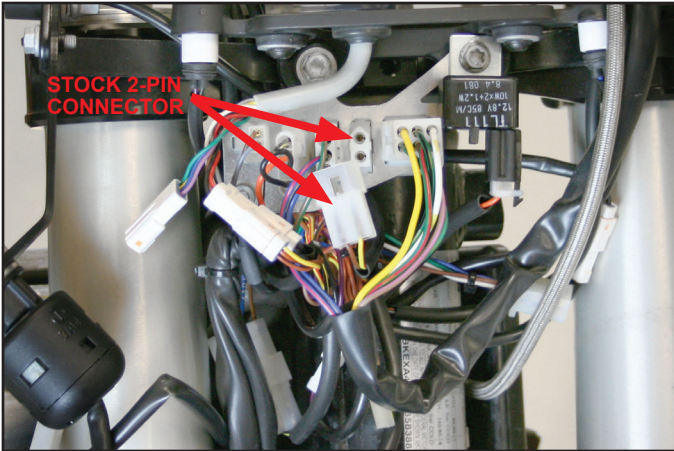**1D.** Disconnect the 4-pin connector
1E. Remove stock reg/rec from machine.

STEP 2:
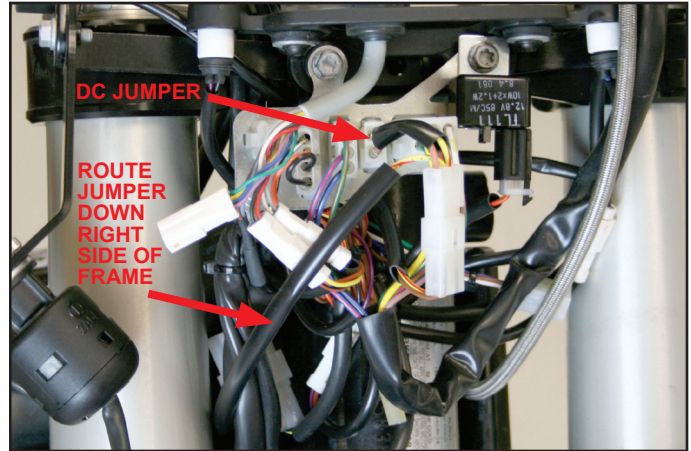Install regulator/rectifier using stock 8mm bolt.

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INSTALLATION CONTINUED:

STEP 3: Locate the stock 2-pin DC connector behind the headlight. Disconnect the 2-pin connector.

STEP 4: Install DC jumper between stock 2-pin connectors. Route spade connector from DC jumper down right side of frame with stock wire bundle. Cross to the right side of the frame with the spade connecor (near regulator/rectifier.)
STEP 5: Re-install the fuse removed during Step 1A.

VIEW OF FINISHED INSTALLATION:

YELLOW WIRE FROM REGULATOR/RECTIFIER
TO EITHER YELLOW WIRE FROM STATOR

WHITE WIRE FROM BIKE TO
EITHER YELLOW STATOR WIRE

YELLOW WIRE FROM BIKE TO
YELLOW/RED DC JUMPER WIRE

YELLOW/RED DC JUMPER WIRE

THE TWO YELLOW
STATOR WIRES