

Items Supplied >

- 1 – POWRPRO Fuel Injection Module
- 1 – Injector Connector Installation Tool
- 1 – Velcro Strip
- 5 – Ziptie 4"
- 2 – Ziptie 6"

Application(s) >

- | | |
|----------------|-------------|
| INDIAN SCOUT | 2015 - 2017 |
| VICTORY OCTANE | 2017 |

Instruction Manual >**92-1057B**

Page 1 of 4

Read all instructions carefully and completely before installing your new POWRPRO module. It is recommended that a qualified mechanic or technician install this product.

1. Prep motorcycle for work in a well ventilated area, due to fuel leakage during this procedure. Remove bolt from center of seat on Octane or rear on Scout, and remove rider seat. Disconnect two hoses from fuel tank's rear mount area, then remove (4) M8 hex bolts to allow removal of fuel tank, see Figure 1. Place shop rag between front of fuel tank and cast frame. Prop rear of fuel tank up approximately 4 inches and disconnect fuel pump connector at rear of tank. Place shop rag under fuel outlet hose / quick disconnect. Press tabs on each side of fuel quick disconnect while pulling downward and remove from fuel tank nipple. Be sure to catch small amount of draining fuel in shop rag and dispose properly. Lift fuel tank upward and rearward approximately 3-4 inches and remove from motorcycle completely, place on towel or blanket in secure area to prevent damage to tank or paint.
2. Remove (2) M6 cap screws securing right side cover between engine cylinders, see Figure 2. Remove cover.
3. To gain access to front cylinder fuel injector: Remove cover on right side between cylinders. Remove (3) M6 cap screws securing water thermostat housing bracket to engine cylinders, see Figure 3. Pull bracket with thermostat outward and down, be sure to pull radiator hose over engine front cylinder head in the direction of outward and downward at the same time, see Figure 4.
4. Disconnect vent hoses from plastic T above fuel pressure regulator, behind radiator hoses, and route hoses out of the way temporarily, see Figure 4. Remove radiator cap for additional access, place paper towel or rag in thermostat temporarily.
5. From right side of motorcycle place velcro on back side of Fi2000 housing and mount to thermostat mount bracket, see Figure 5. Pull fuel supply hose to right of frame member and route harness's and connectors under right side upper frame rail. Route longest (front) oxygen sensor harness and fuel injector harness to left side of motorcycle under left side frame rail. Route shorter O₂ harness to under seat area. Route injector harness to left side of engine between cylinders. Route front O₂ sensor harness forward along left front cast frame member and down left side of radiator. See Figure 6 for routing location of each harness.
6. From right side of motorcycle locate front fuel injector connector behind water thermostat housing. Use flat blade screw driver or inner edge of supplied injector connector removal tool, and pull up on the RED tap on connector. See Figure 7. Once released, place narrow end of removal tool (end with part number stamped) around injector connector below RED tab and gently pull connector up and off of injector, do not pull too far with tool once off injector to prevent damage to wire harness and other components. See Figure 7 and 8. Route stock female connector to left side of motor cycle and connect to longest male connector on Fi2000 fuel injection harness. Plug female Fi2000 connector on to front injector using wider end of supplied tool.
7. On left side of motorcycle remove left side cover between cylinders to prevent it from being scratched. On Octane: remove (2) screws and plastic cover. On Scout: remove (3) screws and die cast cover. See Figure 6 for reference.
8. From left side of motorcycle locate rear cylinder fuel injector connector between cylinders and repeat removal process using injector removal tool. See Figure 9. Connect stock female connector to male Fi connector. Use wider end of supplied tool to install Fi female connector on to injector.

DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES.

9. Locate rear oxygen sensor along right side frame member in under seat area, see Figure 10. Pull connector set up, and disengage female from male connector by pressing tab on side of connector, be sure not to let male connector fall down between frame member and relay/main wire harness. Mate corresponding stock connectors with rear harness Fi O2 connectors. Tuck back into place between frame and relay area.
10. Follow left front cast frame member down to radiator fan. Below radiator fan, locate stock front oxygen sensor connectors. Cut two zipties securing connector / harness to bottom of radiator. Carefully pull stock connectors to bottom of bike near oil filter. See Figure 11. Pull Fi front O₂ connectors previously routed to this area in step 5, behind radiator fan and under radiator. Mate corresponding Fi front O₂ connectors with stock front O₂ connectors. Figure 12. Carefully tuck connectors back up behind radiator and secure with two large 6" zip ties.
11. Once all connectors have been installed and verified they are fully seated install (5) 4" zip ties along front oxygen sensor and fuel injector harnesses on left side of motorcycle, see Figure 6.
12. Reroute fuel supply hose under right frame rail and into position for fuel tank. Reconnect two vent hoses previously disconnected from T fitting. See Figure 4. Reposition water thermostat and mount bracket into position, use 1 of 3 screws on rear positions to attach **ground wire** from Fi2000, tighten to stock torque, see Figure 3.
13. Reinstall fuel tank, vent lines and bolts. Install left side cover between cylinders and seat. Do not install right side cover until Fi2000 connections have been verified.
14. Verify that the module has power and connections have been made correctly; watch the clear window on the FI housing and turn "ON" the key ignition and set the handlebar run switch to "ON", confirm that the Red LED turns on. On some models the Red light will turn off after 4-5 seconds as the fuel pump cycles off, which is OK. If you do not see a Red light, it may be necessary to wait for the alarm to reset (if applicable) and try again. Also confirm the side stand is up, bike is in neutral, and clutch is in. Start the bike and confirm the LED remains on solid Red. **NOTE:** Make sure ignition is turned off before attempting to change any Fi2000 harness connections if no Red light is seen. For access to the Blue Tooth Tuning App on the module, please download the PowrPro Black App to your smart device, Android 4.3 & later or Apple iOS 5.0 & later operating systems. Once the app is installed, make sure the motorcycle is in neutral and start the engine, use the connect button within the app and the Blue light on the Fi module window will light up during pairing connection and remain solid Blue while paired and connected with respective Android or Apple Device. Once the app has been used and settings saved and disconnected through the app, the Blue light will turn off, and the PowrPro Black will be ready for continued service on the motorcycle.
15. Once proper Powrpro operation has been verified, reinstall right side engine cover and secure with screws properly. Verify once more all hardware has been properly tightened.



FIGURE 1
(FUEL TANK REMOVAL)

REMOVE (4)
BOLTS TO
REMOVE FUEL
TANK

DISCONNECT (2)
VACUUM LINES

REMOVE COVER
TO PREVENT
SCRATCHING

REMOVE (2)
SCREWS AND
REMOVE COVER

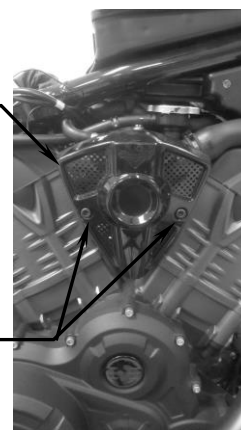


FIGURE 2
(SIDE COVER REMOVAL)

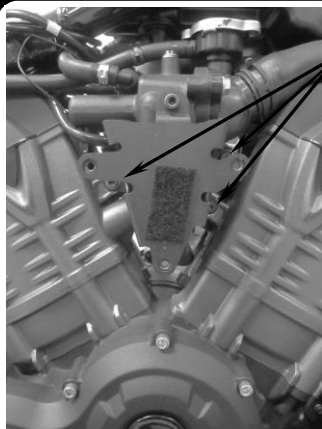


FIGURE 3
(RIGHT SIDE ACCESS)

- REMOVE (3) M6 SCREWS TO LOOSEN BRACKET
- REMOVE VACUUM LINE FOR ACCESS AND PULL FORWARD
- REMOVE RADIATOR CAP FOR ADDITIONAL ACCESS IF NEEDED
- PULL RADIATOR HOSE DOWN OVER FRONT CYLINDER HEAD
- PULL THERMOSTAT HOUSING AND BRACKET OUTWARD AND DOWN



FIGURE 4
(FRONT INJECTOR ACCESS)



FIGURE 5
(POWRPRO HOUSING LOCATION)

- HARNESS / GROUND WIRE ROUTING TO LEFT SIDE OF MOTORCYCLE / BATTERY
- MOUNT POWRPRO HOUSING TO FACE OF BRACKET
- FRONT O₂ HARNESS ROUTING ALONG LEFT FRONT FRAME MEMBER. ZIP TIE LOCATIONS
- ROUTE INJECTOR HARNESS BETWEEN CYLINDERS
- FRONT O₂ CONNECTOR BELOW THIS AREA



FIGURE 6
(INJECTOR & FRONT O₂ HARNESS ROUTING LOCATIONS)

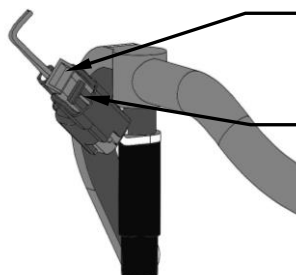


FIGURE 7
(FRONT INJECTOR CONNECTOR REMOVAL/INSTALL)

- LIFT RED TAB UP FIRST WITH FLAT BLADE SCREW DRIVER OR EDGE OF INJECTOR TOOL
- USE NARROW END OF INJECTOR TOOL TO DEPRESS BLACK TAB
- 1. USE NARROW END OF TOOL TO RELEASE STOCK INJECTOR CONNECTOR
- 2. USE WIDE END FOR POWRPRO CONNECTOR INSTALL

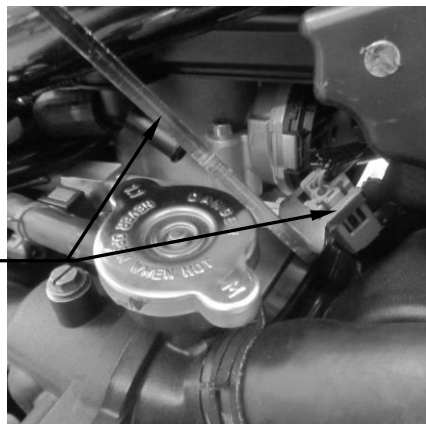


FIGURE 8
(FRONT INJECTOR CONNECTOR REMOVAL/INSTALL)

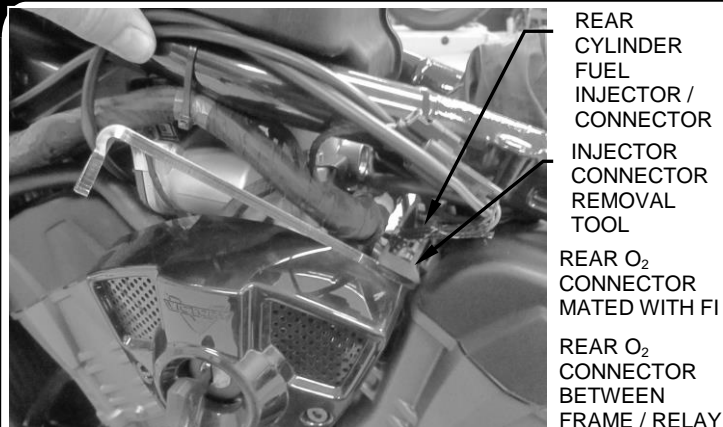


FIGURE 9

(REAR INJECTOR CONNECTOR REMOVAL/INSTALL)

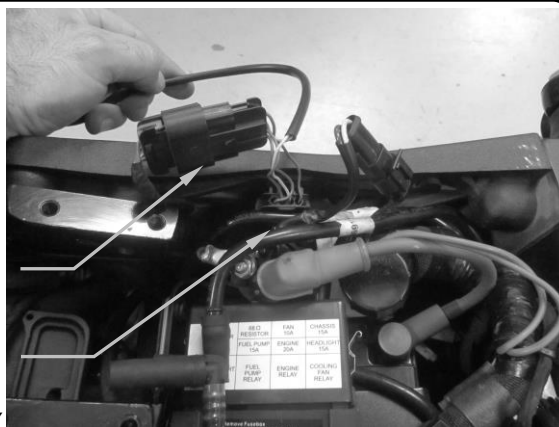


FIGURE 10

(REAR O₂ SENSOR CONNECTOR INSTALL)

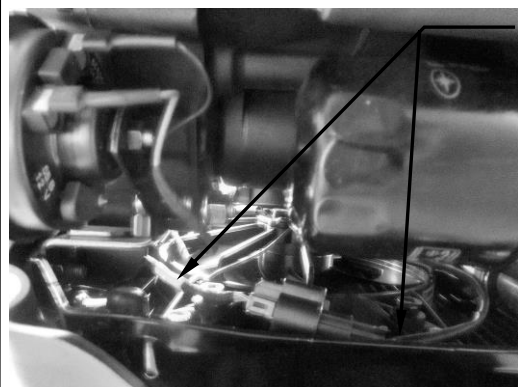


FIGURE 11

(FRONT O₂ SENSOR CONNECTOR LOCATION)

CLIP ZIPTIES TO ALLOW CONNECTOR TO BE LOWERED

MATE POWRPRO MALE AND FEMALE CONNECTORS WITH CORRESPONDING STOCK CONNECTORS



FIGURE 12

(FRONT O₂ SENSOR CONNECTOR INSTALL)

DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES.