

Fuel Moto

2001-2006 Harley Davidson

Softail Models Installation Instructions

Parts List

- 1 EFI Tuner
- 1 USB Cable
- 1 CD-ROM
- 1 Installation Guide
- 1 Power Adapter
- 2 Velcro Strip
- 1 Alcohol Swab
- 1 Tray
- 2 Zip ties



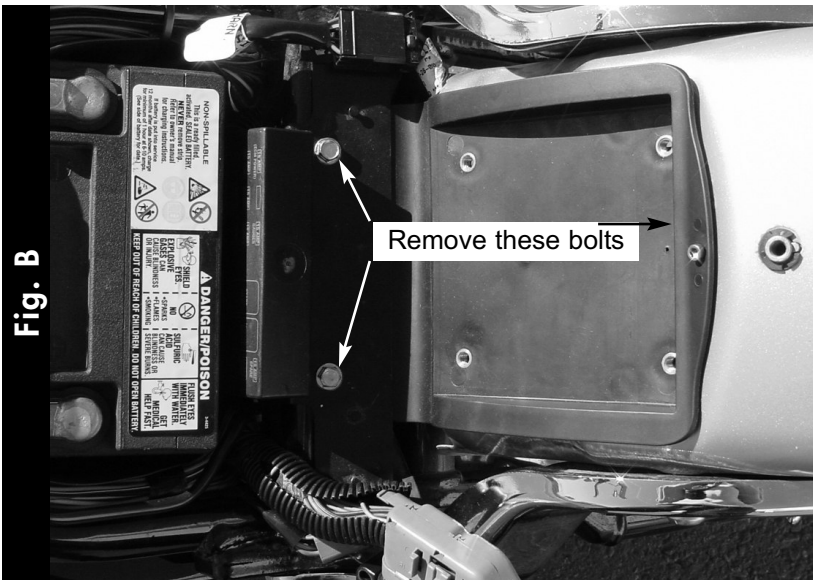
**The ignition MUST be turned
OFF before installation!**

You can also download the Power
Commander software and latest maps
from the Dynojet® web site at:
www.powercommander.com

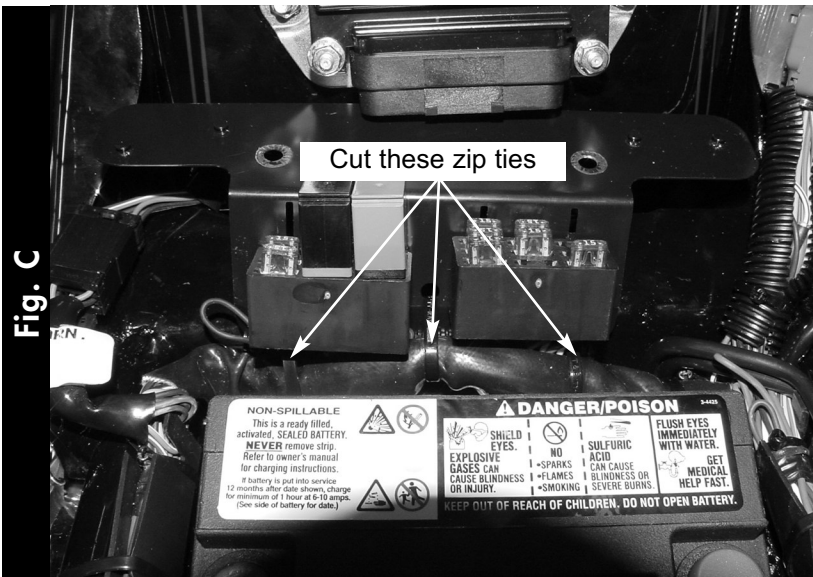
PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION



- 1 Remove the seat.
- 2 Remove the stock ECM by removing the four bolts (Fig. A).

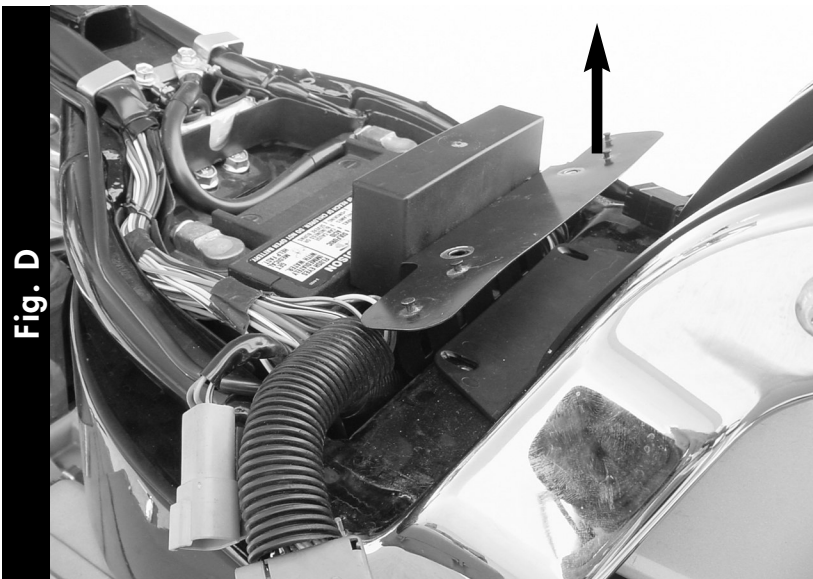


- 3 Remove the ECM tray by removing the 3 bolts (Fig. B). Lift the retaining plate up to remove the tray.



- 4 Lift straight up on the bracket enough to expose the zip ties that hold the wiring harness to the bracket. Cut these zip ties (Fig. C).

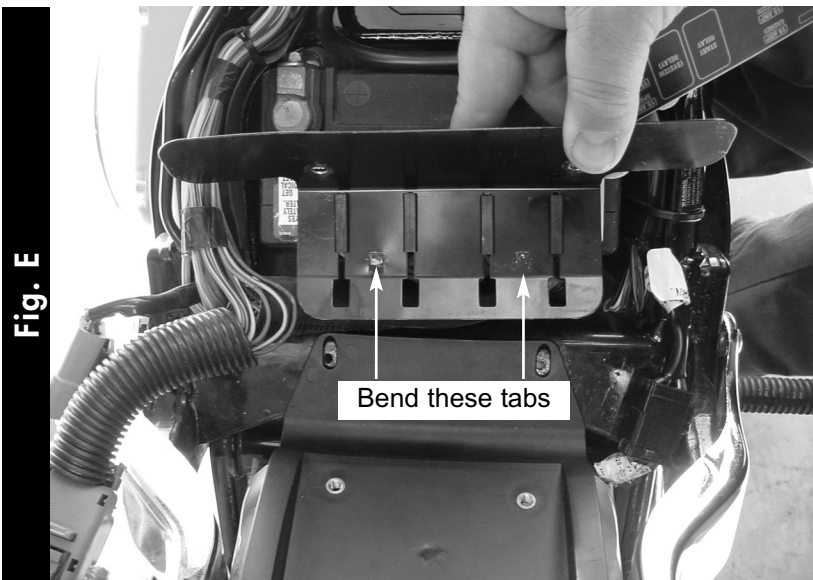
Fig. D



- 5 Pull upwards on the retaining plate, which holds the relays, enough to clear the battery (Fig. D).

NOTE: It may be necessary to remove the brakelight and datalink connectors from the retaining plate.

Fig. E



- 6 Rotate this plate forward to locate the relay retaining tabs (Fig. E). Bend these tabs so they are flush with the plate. This allows the relays to sit lower in the slots.

Fig. F



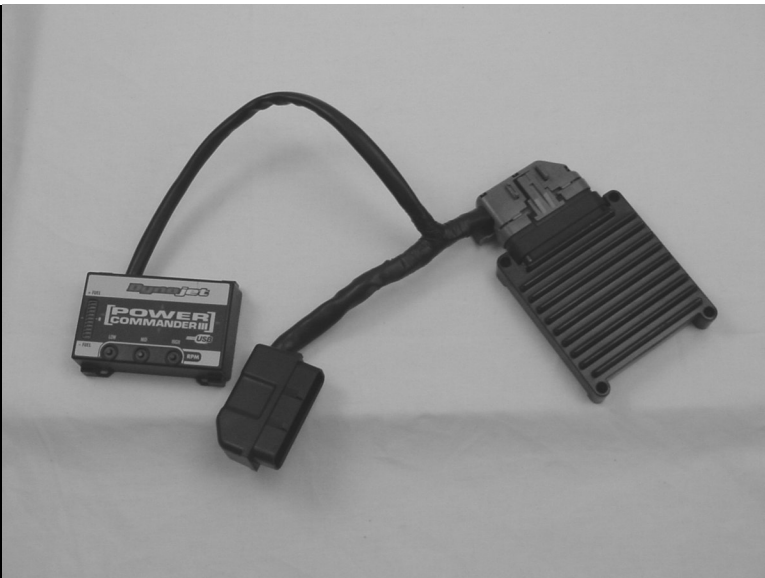
- 7 Install the ECM tray that is supplied onto the rear fender (Fig. F). Install the stock bolts.

Fig.G



8 Push down on the relay cover so that the cover is flush with the retaining bracket (Fig. H).

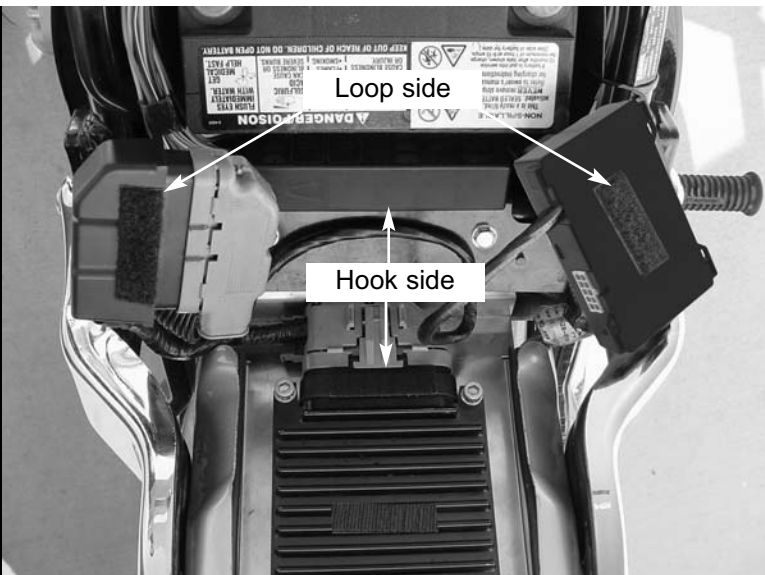
Fig.I



9 Plug the PCIII into the ECM (Fig. I).

Note: It is recommended to use dielectric grease on this connection.

Fig.J



10 Fasten the ECM to the new tray using the stock bolts.

11 Attach velcro in the areas shown in Fig. J. Be sure to clean these areas first with the alcohol swab provided.

Fig.K



- 12 Plug the connector from the stock wiring harness into the PCIII. Attach the PCIII connector and PCIII unit to the velcro areas (Fig. K).

Note: It is recommended to use dielectric grease on this connection.

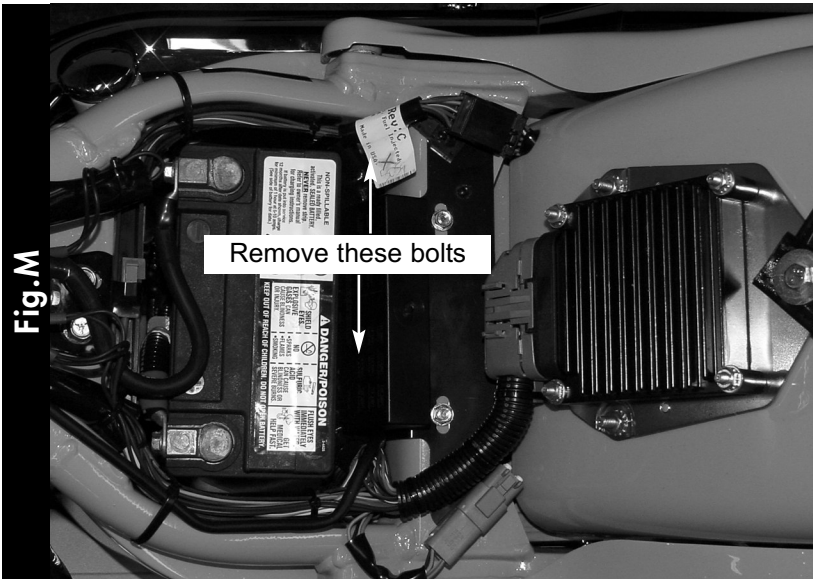
- 13 Make sure all bolts are secure and that the wiring will not interfere with the installation of the seat.
- 14 Reinstall the seat.

Fig.L

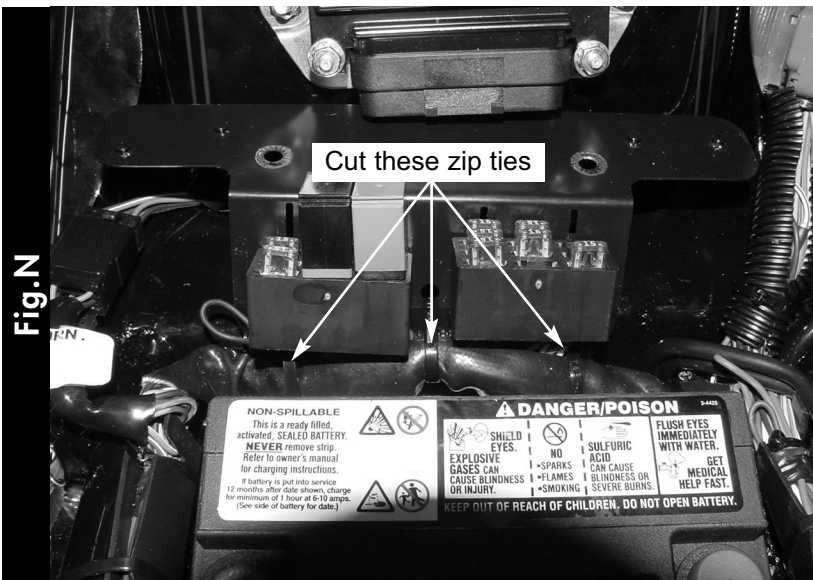


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- If you are not using the optional alarm siren or aftermarket accessories it is possible to mount the PCIII to the rear fender with the velcro. Mount the PCIII 2" from the rear of the solo seat bolt hole (Fig. L)

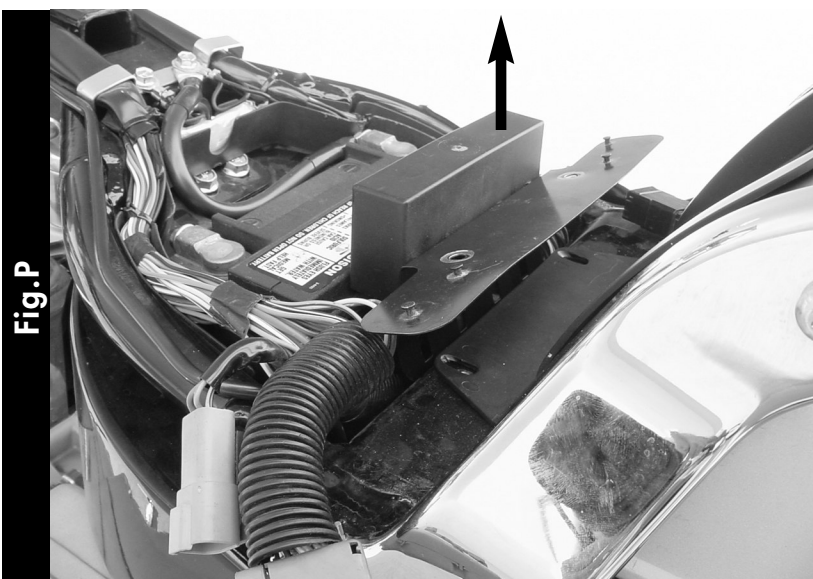
Use the following instructions if you have a Softail Deuce model.



- 1 Remove the seat.
- 2 Remove the two bolts that hold the relay bracket (Fig. M).



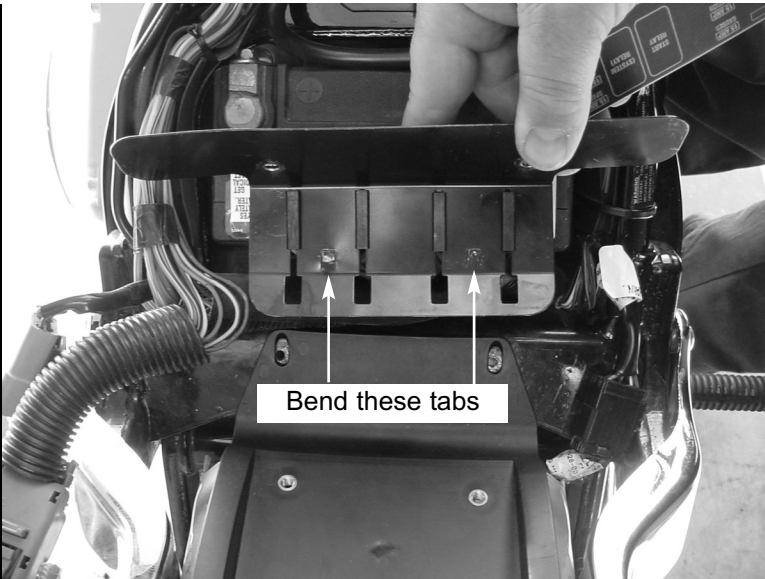
- 3 Pull straight upwards on the bracket. Lift the bracket enough to expose the 3 zip ties that hold the wiring harness to the bracket (Fig. N). Cut these 3 zip ties.



- 4 Pull upwards on the retaining plate (which holds the relays) enough to clear the battery (Fig. P).

NOTE: It may be necessary to remove the brakelight and datalink connectors from the retaining plate.

Fig.Q



5 Rotate this plate forward to locate the relay retaining tabs (Fig. Q). Bend these tabs so they are flush with the plate. This allows the relays to sit lower in the slots.

Fig.R



6 Push down on the relay cover so that the cover is flush with the retaining bracket (Fig. R). Reinstall the bolts for the relay bracket.

Fig.S



7 Plug the grey connector of the PCIII into the ECM. Plug the black connector from the PCIII into the stock wiring harness (Fig. S).

Note: It is recommended to use dielectric grease on this connection.

Install the PCIII and connectors with the velcro supplied in the locations shown in Fig. F.

NOTE: If you are not using the optional alarm siren or additional accessories go to step 9.

8 Relocate the tail light connector (Fig. F) to the right hand side of the PCIII. Attach the connector to the PCIII with a piece of velcro.

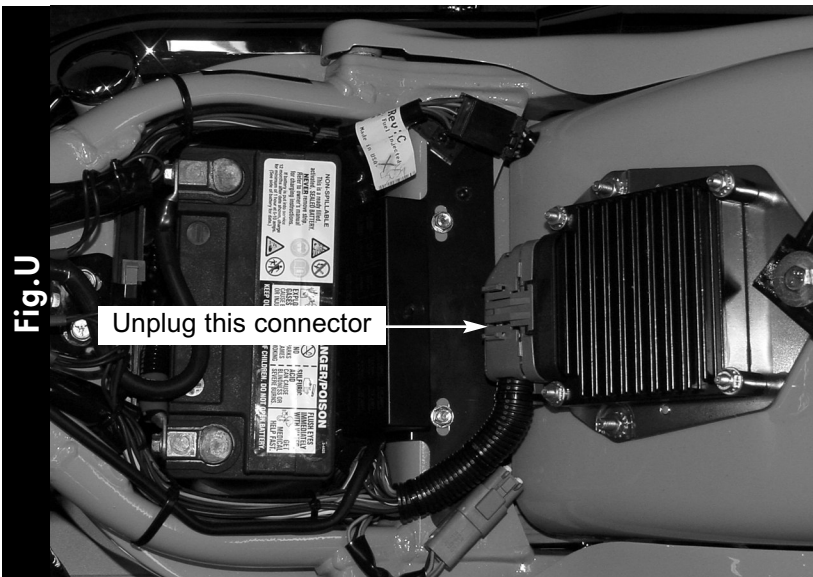
Fig.T



- 9 If you are not using the optional alarm siren or additional accessories it is easier to mount the PCIII to the rear fender in the location shown in Fig. T. Mount the PCIII so the edge of the PCIII touches the first rubber bumper.
- 10 Reinstall the seat. Make sure that the seat does not interfere with the wiring harness or the tail light connector.

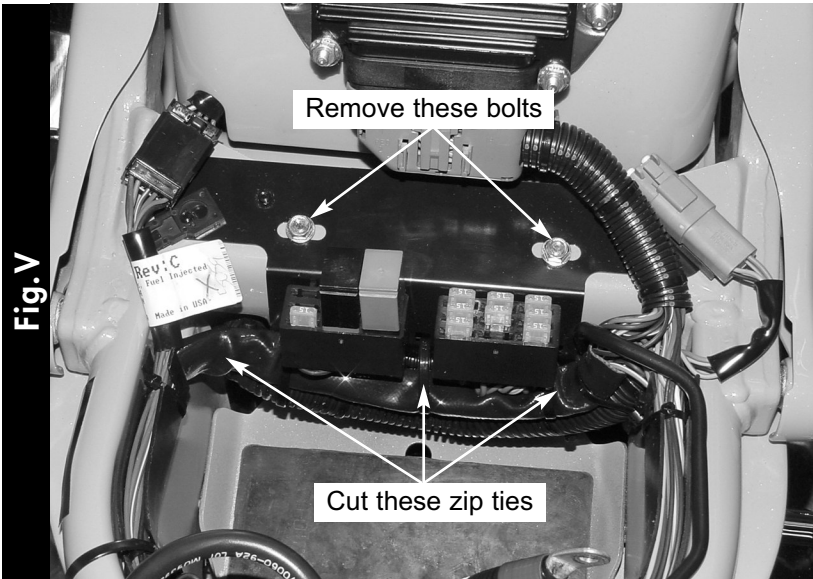
Use the following instructions if you have a Screamin Eagle Softail Deuce or 2006 model.

Fig.U



- 1 Remove the seat.
- 2 Remove the battery (negative side first).
- 3 Disconnect the wiring harness from the ECM (Fig. U).

Fig.V



Remove these bolts

Cut these zip ties

- 4 Remove the two bolts that hold the relay bracket to the frame (Fig. V).
- 5 Cut the 3 zip ties that hold the harness to the relay bracket (Fig. V).
- 6 Remove the relay bracket. This part will *NOT* be reused.

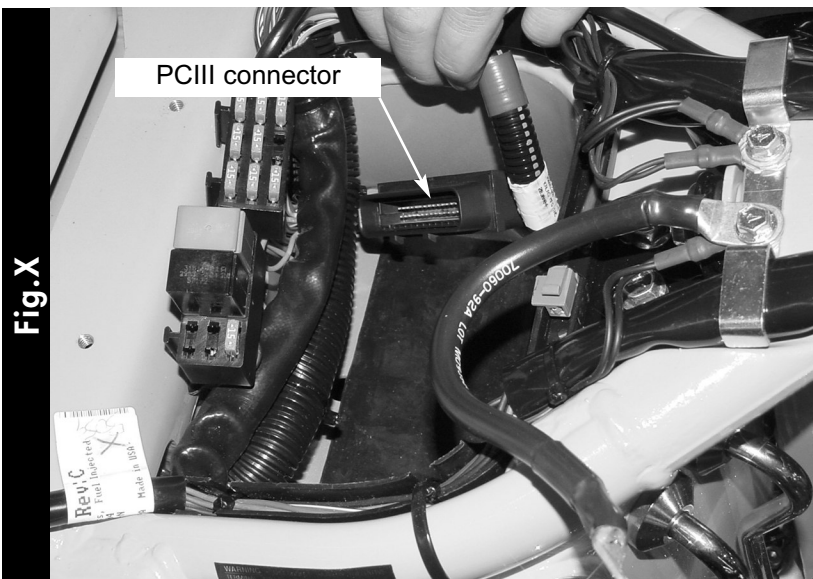
Fig.W



Remove the mudguard

- 7 From the left side of the bike remove the two bolts that hold the mudguard in place.
- 8 Remove the mudguard (Fig.W).

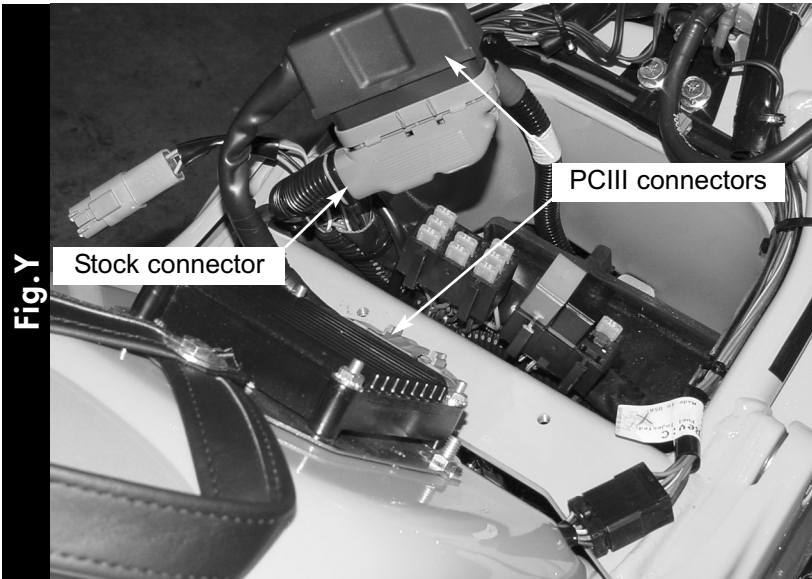
Fig.X



PCIII connector

- 9 Route the PCIII connectors from the bottom of the bike into the battery tray area through the hole in the left rear (Fig. X).
- 10 Run the harness from the PCIII in between the frame and the stock wiring harness.

Fig.Y

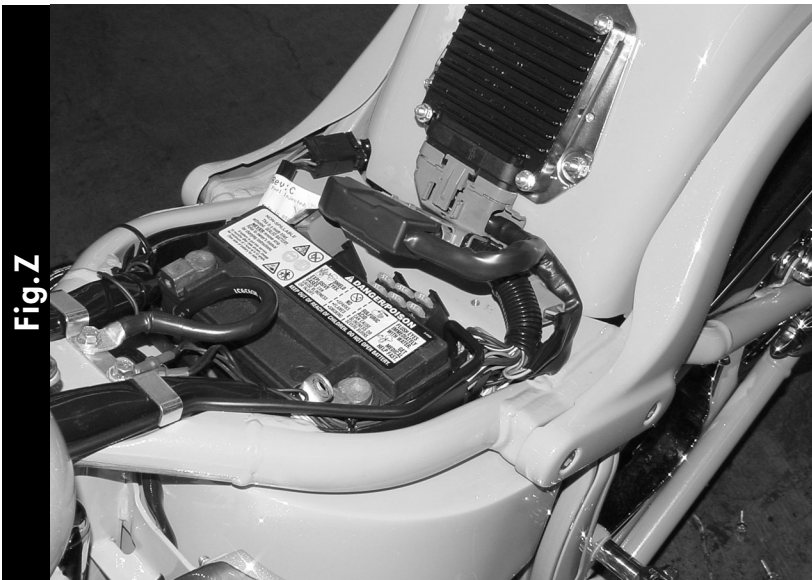


- 11 Plug the grey PCIII connector into the ECM and the black PCIII connector into the stock wiring harness (Fig. Y).

Note: It is recommended to use dielectric grease on this connection.

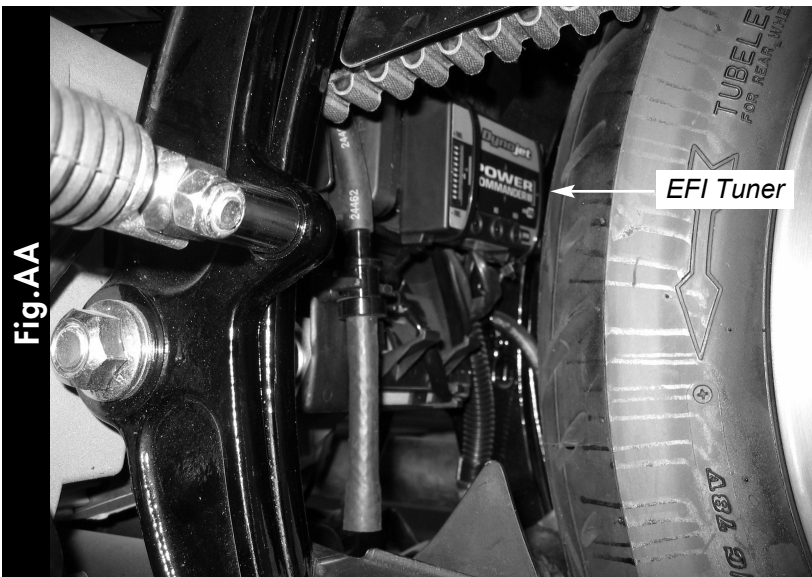
- 12 Reinstall the battery.
- 13 Push the stock wiring harness and relays down between the frame and battery.

Fig.Z



- 14 Attach the connectors to the top of the frame using the supplied velcro (Fig. Z).

Fig.AA



- 15 Install the PCIII in the location shown in Fig.AA. Use the supplied zip ties to hold into place. Make sure the PCIII is not going to interfere with the swingarm movement or drive belt.

- 16 Reinstall the mudguard
- 17 Reinstall the seat.