

STAGE 5 PRO TUNER

INSTALLATION INSTRUCTIONS

PARTS LIST

- 1 Stage 5 Pro Tuner Module
- 1 USB Cable
- 1 Installation Guide
- 1 Velcro
- 1 Alcohol swab
- 3 Zip ties



**2016
Yamaha YXZ1000R**

*** For Racing use only. Use of the Stage 5 Pro Tuner could void engine manufacturer warranty.

*** Use of the Stage 5 Pro Tuner should only be used with the corresponding Trinity performance parts. Using any other performance parts could damage the engine.

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION



STATUS Light

STATUS



LOW

MID

HIGH

MAP Select

LOW RPM Dial +/- 10

MID RPM Dial +/- 10

HIGH RPM Dial +/- 10

USB Port

Position	Note
Position 1	2016 model - Trinity Stage 5 exhaust - Stock air filter
Position 2	empty
Position 3	empty

SELECTING THE MAP POSITION

The Trinity controller comes loaded with maps preloaded into the unit. Using a #1 Phillips screwdriver, turn the map select dial to toggle between the loaded maps. Refer to the map position table for the maps included.

USING THE RPM RANGE DIALS

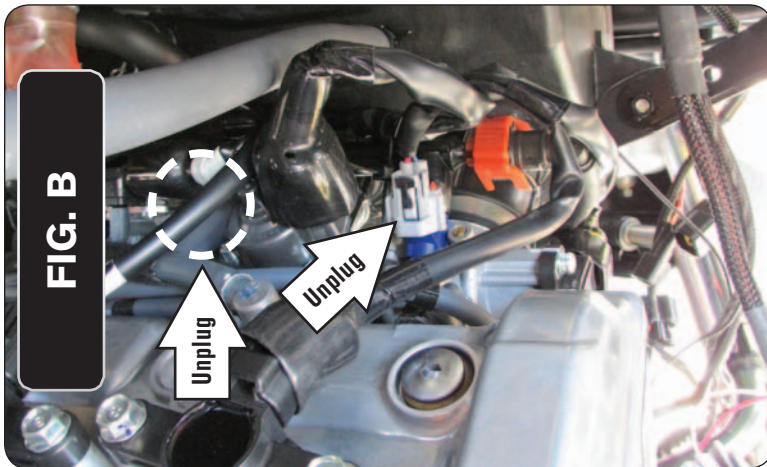
The Low, Mid, and High RPM Dials refer to the RPM range, in thirds, of your engine. Each dial allows +/- 10% fuel adjustment on top of what fuel changes are done in the map. With the dial facing straight up, there is no additional fuel change.

ex; If your redline was 9000rpm

- The low RPM dial will adjust 0-3000 RPM
- The mid RPM dial will adjust 3001-6000 RPM
- The high RPM dial will adjust 6001-redline



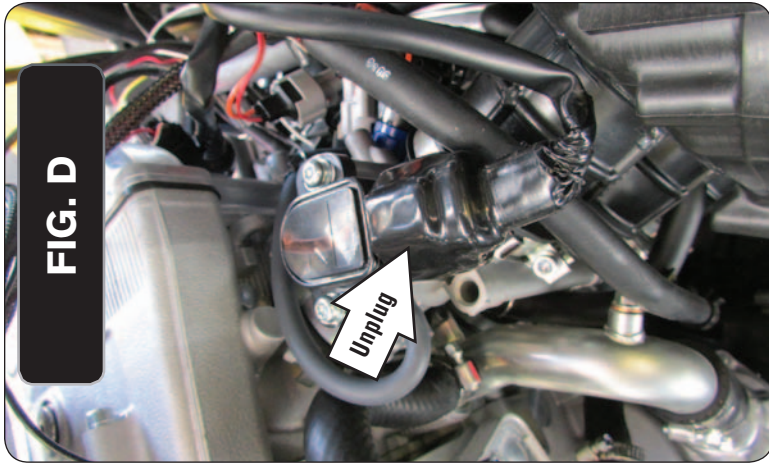
- 1 Remove the large cover at the front of the cargo bed.
- 2 Use the supplied Dual Lock strips to secure the Pro tuner module to the cargo bed left of the airbox (Fig. A).
Clean surfaces with the supplied alcohol swab before attaching the Dual Lock.
Use a zip tie to secure the Pro tuner wiring harness near the module to prevent it from falling directly downward and on to the hot exhaust.



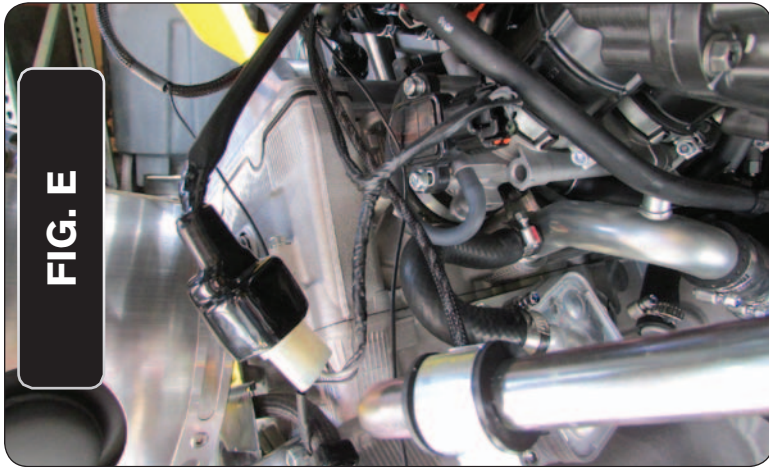
- 3 Unplug all three Fuel Injectors (Fig. B).
Only the rear most fuel injector can be clearly seen in this picture.



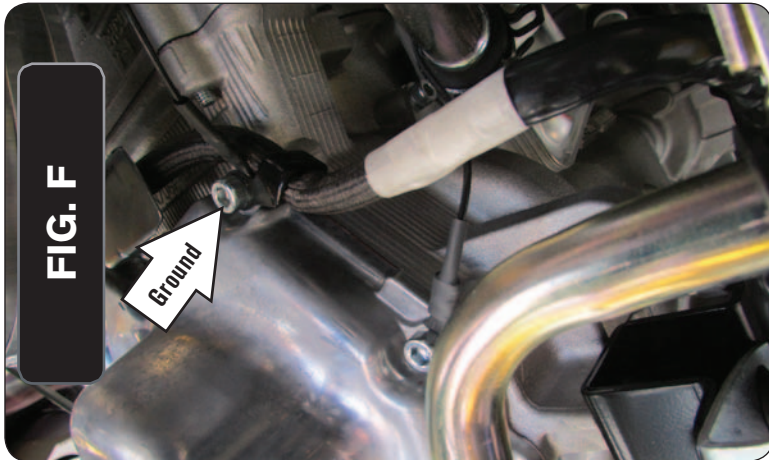
- 4 Plug the Pro tuner wiring harness in-line of each Fuel Injector and the stock wiring harness (Fig. C).
The Pro tuner connector pair with ORANGE colored wires go in-line of the rear most injector.
The Pro tuner connector pair with YELLOW colored wires go in-line of the middle injector.
The Pro tuner connector pair with GREEN colored wires go in-line of the forward most injector.



5 Unplug the Throttle Position Sensor at the rear of the throttle bodies (Fig. D).



6 Plug the Pro tuner wiring harness in-line of the TPS and the stock wiring harness (Fig. E).



- 7 Secure the Pro tuner ground wire with the small ring lug to the rear engine cover bolt shown in Figure F.
- 8 Use the supplied zip ties to secure the Pro tuner wiring harness and module away from the hot exhaust.
- 9 Reinstall the cover at the front of the cargo bed.