

# 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
- 1 Posi-tap



**2016-2018  
Polaris Ace 900**

\*\*\* 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

1 2 3

- +

LOW

- +

MID

- +

HIGH

MAP Select

LOW RPM Dial +/- 10

MID RPM Dial +/- 10

HIGH RPM Dial +/- 10

USB Port

Position	Note
Position 1	16-18 model - Stock exhaust - Stock air filter
Position 2	16-18 model - Trinity slip-on- Stock air filter
Position 3	16-18 model - Trinity Stage 5 full exhaust- Stock air filter

### SELECTING THE MAP POSITION

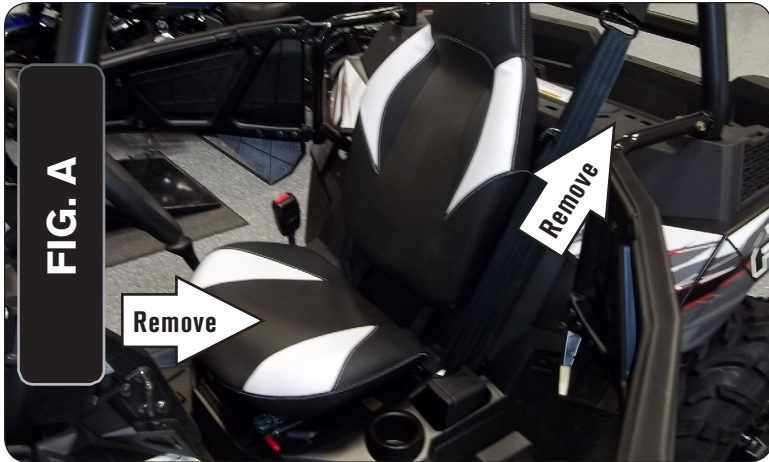
The Trinity controller comes loaded with maps preloaded into the unit. Using a #1 Phillips screwdriver, turn the map select dial to toggle between the loaded maps. Refer to the map position table for the maps included.

### 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



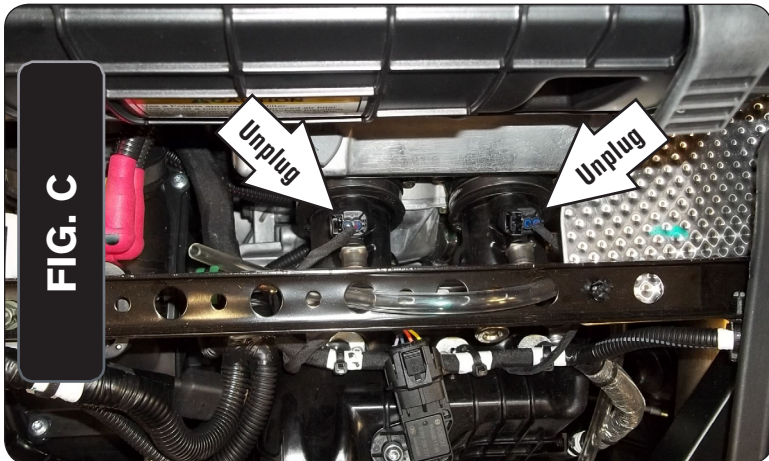
- 1 Remove the seat, the engine access panel behind the seat, and the engine access panel at the bottom of the cargo bed (Fig. A).



- 2 Use the supplied Velcro to secure the Stage 5 Pro Tuner module to the top of the battery.

*Clean both surfaces with the supplied alcohol swab prior to applying the Velcro.*

- 3 Secure the Stage 5 Pro Tuner ground wire with the small ring lug to the negative (-) terminal of the vehicle's battery (Fig. B).
- 4 Route the Stage 5 Pro Tuner wiring harness rearward towards the engine.



- 5 Unplug the stock wiring harness from both of the Fuel Injectors (Fig. C).

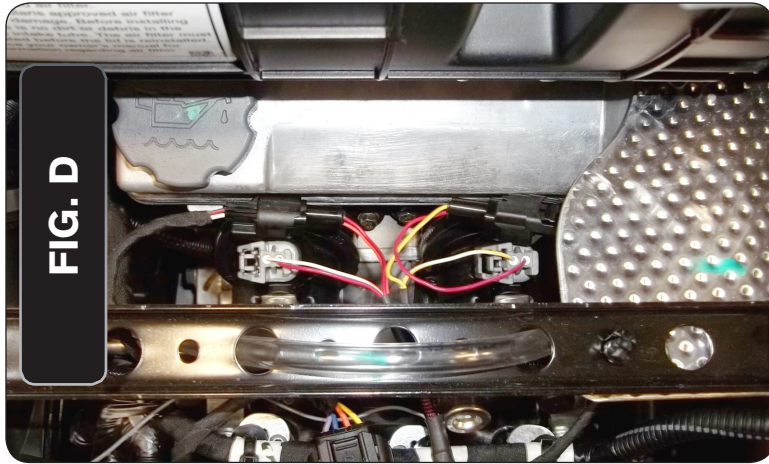


FIG. D

- 6 Plug the Stage 5 Pro Tuner wiring harness in-line of both Fuel Injectors and the stock wiring harness (Fig. D).

*The pair of Stage 5 Pro Tuner connectors with ORANGE colored wires should go in-line of the LEFT cylinder fuel injector.*

*The pair of Stage 5 Pro Tuner connectors with YELLOW colored wires should go in-line of the RIGHT cylinder fuel injector.*

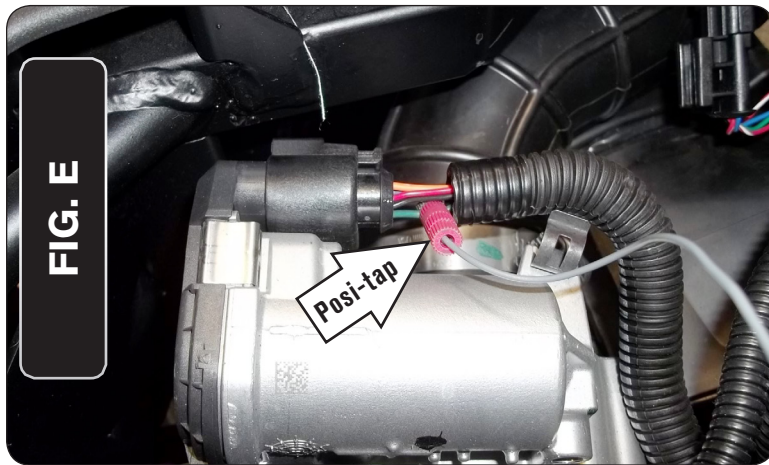


FIG. E

- 7 Use the supplied Posi-tap to attach the GREY wire of the Stage 5 Pro Tuner wiring harness to the stock DARK GREEN wire of the Throttle Body Servo connector (Fig. E).

