

DIGI Z 10 – INSTALLATION INSTRUCTIONS



Tools Required: 10 mm socket, Torx T20 screwdriver, needle nose pliers, mag light.

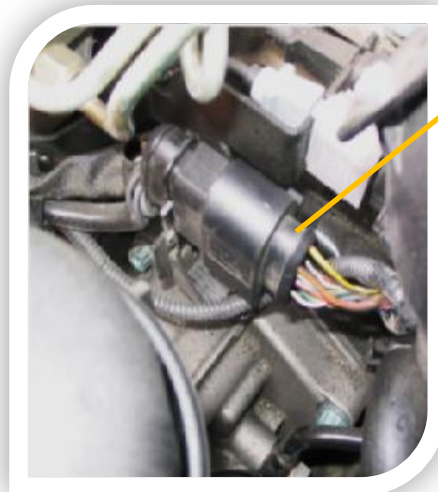
Estimated time of Installation: 45 minutes.

Diesel Power
Module



Diesel Power
Harness

- 1) Remove Top Plastic Engine Cover using a **10mm socket**.
- 2) Unplug Connector to Injection Pump and Connect **Female Diesel Power (DP) Harness Plug** to **Male Injection Pump Connector** and **Male DP Harness Plug** to **Female Injection Pump Connector**. *(Figure A)*



**INJECTION PUMP
CONNECTOR (Looking
Down into the Engine)**

Figure A

- 3) Now Attach DP **Module** to DP **Harness**. Slide Open Purple Connector to Attach the Module and Slide Closed to Secure. **Note thin black wire attached to module connector.*
- 4) Route the DP **Module** w/wire towards the driver's side firewall of the vehicle. Using the Zap Strap provided attach the Module to a secure location away from extreme sources of heat (i.e. air cleaner box). *You will be routing the thin black wire through the grommet in the firewall into the interior of the vehicle to attach to the throttle peddle potentiometer.*

Figure B



FIREWALL GROMMET (Driver's Side, Behind Boost Solenoid Valve)

Remove the 2 Bolts (use 10mm socket) that secure the boost solenoid bracket. Drill a small hole (1/8") in the rubber grommet to access the driver's side foot well area. Push the thin black wire through the hole in the grommet.

- 5) Enter the interior, driver's side of the Vehicle, to begin removing the foot well tray, located above the brake and accelerator pedals. Using your **Torx T20 screwdriver** remove the 3 screws that secure the driver's foot well tray and remove the foot well tray. Locate the throttle pedal potentiometer Figure C.



THROTTLE PEDDLE POTENTIOMETER (Location: Driver's Side, Behind the Accelerator Pedal)

Locate the White Wire with Thin Blue Tracer

Figure C

- 6) Using Scotch lock provided, route white wire with blue tracer through both sides of scotch lock and insert black wire from Diesel Power Harness into the single open end of the scotch lock adapter. *Note the black wire enters the hole with a blind end on the scotch lock. Using **needle nose pliers** squeeze metal tab flush and fold scotch lock tab over and snap closed. ((TEST OPTION – Key ON, Engine OFF. If connected properly, the DP black wire will emit .3 volts and increase in smooth increments while depressing the accelerator pedal up to a max. of 4.3 volts))
- 7) Re-assemble foot well tray.
- 8) Set the Potentiometer on the Diesel Power Module. For Maximum Performance Set Between 9 & C **Settings Vary within the Same Model Year. If a Check Engine Light Appears a temporary fault code has been set and will CLEAR AND RESET after starting the vehicle approx. 5 times. (PLEASE NOTE *** "9" is the lower setting and setting "C" is the maximum setting for this module. Too high of a setting will cause the vehicle to STUMBLE or lose power at maximum throttle.)