



TW44000 ENVIROPURGE™ II FUEL CLEANING TOOL SERVICE JOB AID

Technical Support: 833-364-5932

Safety Recommendations:

- Use extreme safety measures when working around a running engine.
- Always block the vehicles drive wheels.
- Ventilate the vehicles exhaust.
- Always wear safety glasses.
- It's a good idea to wear gloves.



Preparing the Vehicle:

- Ensure vehicles engine is at operating temperature.
- Disable vehicles fuel pump, (this process varies by vehicle and it is recommended that you consult the service manual for the proper procedure).



Preparing the Vehicle (continued):

- Select the proper adapter from the Wynn's® Fuel Tool Adapter Kit (P/N #ZW04001) and connect the adapter to the vehicles fuel rail.

NOTE: *The vehicles fuel rail will be under pressure. Use caution to protect against fuel spray.*

- If the vehicle has a fuel return system, disable the return. Consult the service manual for the proper method.



In-Rail Fuel System Service:

- Depressurize Enviropurge™ II Fuel Cleaning Tool before removing fill cap.
- Pour the appropriate cleaning product into the Enviropurge™ II Fuel Cleaning Tool canister.
- Replace fill cap.





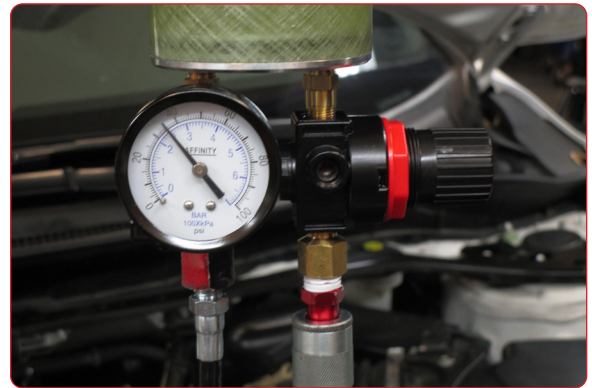
In-Rail Fuel System Service (continued):

- Connect the service hose from the Enviropurge™ II Fuel Cleaning Tool to the adapter at the fuel rail.
- Confirm that the pressure regulator on the Enviropurge™ II Fuel Cleaning Tool is "OFF" (fully counterclockwise) and control valve is closed before connecting shop air.



In-Rail Fuel System Service (continued):

- Connect shop air to the Enviropurge™ II Fuel Cleaning Tool.
- Adjust Enviropurge™ II Fuel Cleaning Tool air pressure to match vehicles fuel pressure via the fuel pressure regulator on the front of the Enviropurge™.
- Check appropriate service manual to determine required fuel pressure.



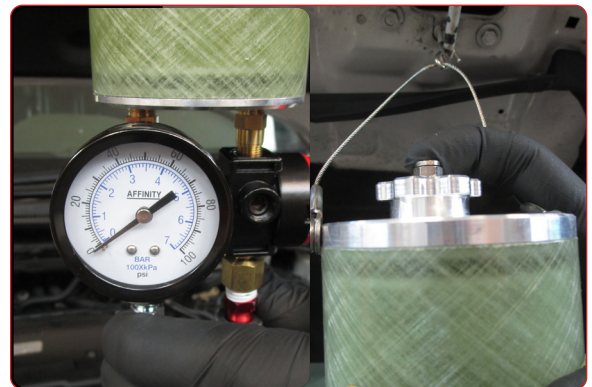
In-Rail Fuel System Service (continued):

- Rotate control valve on the Enviropurge™ II Fuel Cleaning Tool service hose gauge 90 degrees.
- Inspect connections for leaks.
- Start the vehicle and run at idle, until engine stalls (all fuel cleaning product will be consumed).
- Switch off the vehicles ignition.



In-Rail Fuel System Service (continued):

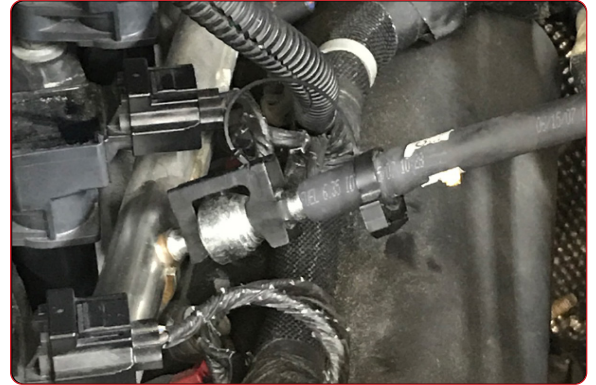
- Reduce pressure regulator to "0" (turn the knob fully counterclockwise).
- Depress the pressure release button on the fill cap of the Enviropurge™ II Fuel Cleaning Tool to release pressure from the fuel system and fuel tool.
- Rotate the control valve on the Enviropurge™ II Fuel Cleaning Tool service hose gauge 90 degrees to the "OFF" position.
- Disconnect shop air from the Enviropurge™ II Fuel Cleaning Tool.





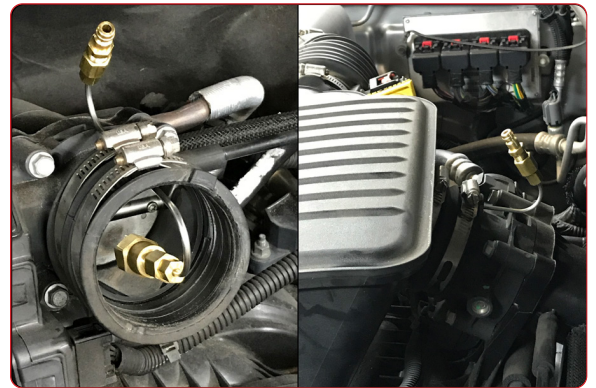
In-Rail Fuel System Service (continued):

- Disconnect the Enviropurge™ II Fuel Cleaning Tool from the adapter.
- Remove adapter from the vehicles fuel rail.
- If the vehicles fuel return system was disabled prior to the service re-enable the system and re-enable the vehicles fuel pump.
- Start the vehicle and check for leaks.
- Test drive the vehicle for proper operation.



Liquid Throttle Body Service:

- Disabling the vehicles fuel system is not required with this service method.
- Remove air intake boot from vehicles throttle body.
- Insert Wynn's® "S" Tool (#ZW31500) into throttle bore.
- Re-attach air intake boot to the throttle body over the "S" Tool.



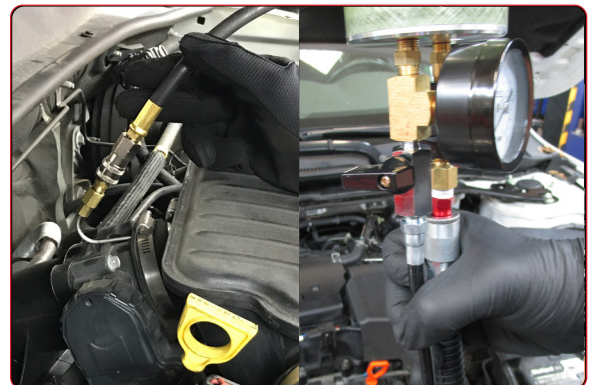
Liquid Throttle Body Service (continued):

- Depressurize Enviropurge™ II Fuel Cleaning Tool before removing fill cap.
- Pour the appropriate cleaning product into the Enviropurge™ Fuel Cleaning Tool canister.
- Replace fill cap.



Liquid Throttle Body Service (continued):

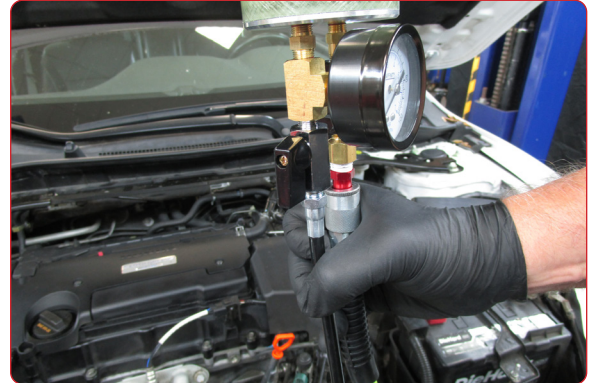
- Connect Enviropurge™ II Fuel Cleaning Tool service hose to "S" Tool.
- With the pressure regulator "OFF" (fully counterclockwise) and the control valve closed, connect the shop air to the Enviropurge™ II Fuel Cleaning Tool.
- Start engine.





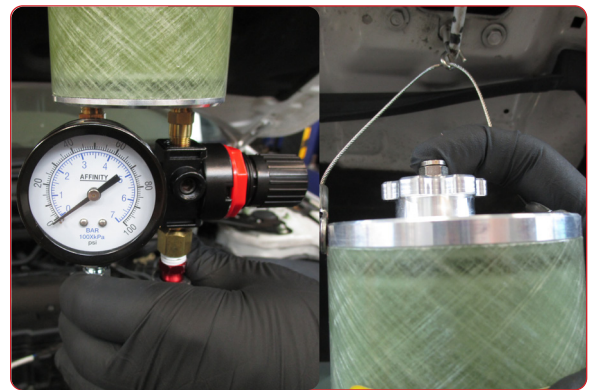
Liquid Throttle Body Service (continued):

- Maintain engine idle 1200 to 1500 RPM (use pedal depressor or electronic method).
- Open control valve on the Enviropurge™ II Fuel Cleaning Tool service hose gauge.
- Increase pressure by turning regulator clockwise until engine begins to run rough or to 40 psi.
- Allow engine to run until all product is consumed. (Engine will continue to run after product is consumed).



Liquid Throttle Body Service (continued):

- Decrease pressure to "0" by turning the pressure regulator counter clockwise.
- Close the control valve on the Enviropurge™ II Fuel Cleaning Tool service hose gauge.
- Release pressure by depressing relief valve on Enviropurge™ II Fuel Cleaning Tool.



Completing the Liquid Throttle Body Service:

- Remove pedal depressor or electronic methods.
- Turn engine off.
- Remove "S" Tool from the throttle body and re-attach the air intake boot to the throttle body.
- Start engine and test drive for proper operation.

