

Safety Recommendations:

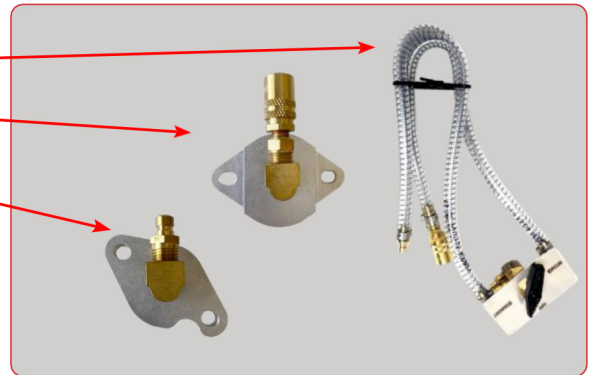
- Safety glasses and gloves should be worn during the service.
- Keep loose clothing and/or tools secured while engine is running.
- Use in well-ventilated area.

PSK54083



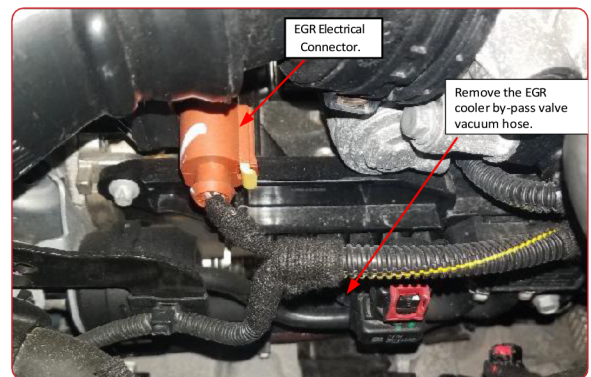
Adapters Required for Diesel Induction & EGR Service:

- #ZW21001 – EGR Manifold Assembly
- #AS21018 – Cruze 1.6L Intake Adapter
- #AS21019 – Cruze 1.6L Exhaust Adapter



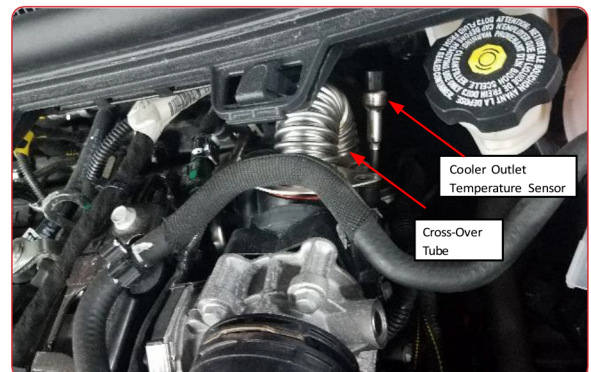
Preparing the Vehicle:

- Disconnect the EGR By-Pass Valve vacuum hose to close the EGR By-Pass Valve. The EGR By-Pass Valve is located on the driver side of the engine, below the EGR valve electrical connector. This will direct all cleaner back through the EGR cooler to the exhaust.



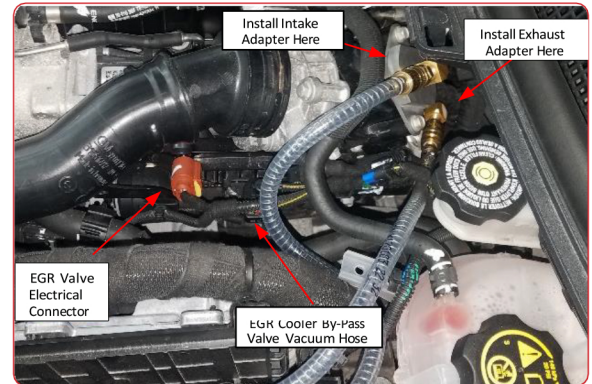
Preparing the Vehicle (continued):

- Locate the cross-over tube at the rear of the engine near the brake fluid reservoir. Disconnect the EGR cooler outlet temperature sensor, remove (2) bolts from each side of the cross-over tube and remove it.



Preparing the Vehicle (continued):

- Install (#AS21018) Cruze 1.6L Intake Adapter (top) and (#AS21019) Cruze 1.6L Exhaust Adapter (on rear below).
- Attach (#ZW21001) EGR Manifold Assembly to (#AS21018) Cruze 1.6L Intake Adapter and (#AS21019) Cruze 1.6L Exhaust Adapter. Connect the (#ZW21001) EGR Manifold Assembly to the EGR64 Diesel Induction and EGR Tool.
- Pour the diesel fuel tank additive into vehicle's fuel tank.



Preparing the Diesel Induction & EGR Service Tool:

- Ensure the Diesel Induction and EGR Service Tool is depressurized, remove fill cap and fill with **Dynamic Diesel Extreme IE Cleanup PSK54083**. Unless the cooler is frequently cleaned, two 32 oz. (950 ml) bottles are recommended.
- Reinstall the fill cap and hang the tool from the hood latch. Ensure both valves on the tool are closed. Attach shop air and set pressure on EGR tool to 50-60 PSI.



Performing the Diesel Induction & EGR Service:

- If the engine is hot, EGR cooler should be cooled before starting the service. With engine off, turn the EGR Manifold valve to Exhaust and open the air valve (on regulator side) and allow air to flow through the cooler for 2 minutes. Close air valve.
- Start the engine and bring to operating temperature.
- Use the scan tool to open the EGR valve as far as possible. Disconnect the EGR electrical connector to keep the EGR valve open and prevent it from cycling closed.



Performing the Diesel Induction & EGR Service (continued):

- Position (#ZW21001) EGR Manifold Assembly valve to "EXHAUST".
- Open the air valve (regulator side) and re-set the regulator to 50-60 PSI.
- Open the fluid/cleaner valve (pressure gauge side) and allow the cleaner to flow through the cooler until 8 oz. (250 ml) has been consumed. Shut off the fluid/cleaner valve and allow air flow through the cooler for (2) minutes to evacuate loose deposits/liquids into the exhaust. Repeat until half the product has been consumed.



Performing the Diesel Induction & EGR Service (continued):

- After half of the cleaner has been used on the Exhaust side, allow 3-4 minutes with liquid cleaner valve closed for air to push all the cleaner out of the EGR cooler.
- Increase engine RPM to 1800.
- Rotate (#ZW21001) EGR Manifold Assembly valve to "INTAKE".
- Open the air valve and then the cleaner valve to begin cleaning service on the engine intake.



Performing the Diesel Induction & EGR Service (continued):

- Do not stop or interrupt the service or reduce RPM during the INTAKE cleaning cycle. It's important that the higher RPM intake flow be maintain to avoid any puddling or accumulation of liquid cleaner in the intake system.

Performing the Diesel Induction & EGR Service (continued):

- Let the vehicle run for 5-10 minutes after all the fluid/cleaner has been consumed. Rev the engine several times to help clear any remaining deposits/fluid.
- Turn the fluid and air valves off, rotate pressure regulator to 0 PSI and disconnect the shop air. Turn the vehicle off.

Completing the Diesel Induction & EGR Service:

- Remove the EGR64 Diesel Induction and EGR Service Tool, EGR Manifold Assembly and EGR Adapters. Re-install EGR/ Intake Crossover Tube, connect EGR electrical connector and By-Pass Valve vacuum hose.
- Road test the vehicle to ensure all soot and cleaner has been fully evacuated. After return, check and erase any engine codes set during the service. If equipped with DPF a manual regeneration may be required to clear any accumulated soot evacuated by the service.