

Safety Recommendations:

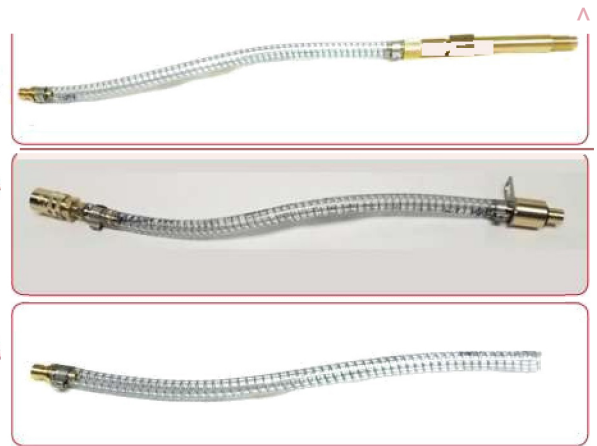
- * Safety glasses and gloves should be worn during the service.
- * Keep loose clothing and/or tools secured while engine is running.
- * Use in a well-ventilated area.

PSK54083



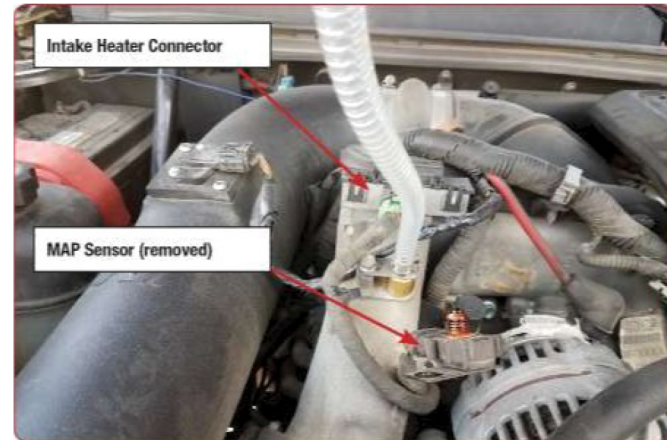
Adapters Required for Diesel Induction & EGR Service:

- #ZW21006 - GM Duramax 6.6L Exhaust Adapter
- #ZW21007 - GM Duramax 6.6L Intake Adapter
- #ZW21011 - GM Duramax 6.6L Intake Open Hose
- #ZW21001 - EGR Manifold Assembly



Preparing the Vehicle:

- * On 2008 LMM, remove MAP sensor bracket and install GM Duramax 6.6L Intake Adapter (#ZW21007) into the intake plenum using the Mounting bracket.
- * Disconnect the electrical control connector to the intake air heater during service.
- * Add tank additive to vehicle's fuel tank



Preparing the Vehicle (continued):

- On 2009-2010 LMM models with remote count MAP sensor, remove MAP sensor remote hose and attach GM Duramax 6.6L Intake Open Hose (#ZW21011). Use clamp to secure.
- * Disconnect the electrical control connector to the intake air heater during service.
- Add tank additive to vehicle's fuel tank



- * Remove the EGR cooler exhaust Temperature sensor (front of cooler) and install the GM Duramax 6.6L Exhaust Adapter (#ZW21006).
- * Attach GM Duramax Intake Adapter (#ZW21007 Or #ZW21011) and 6M Duramax 6.6L Exhaust Adapter (#ZW21006) to EGR Manifold Assembly (#ZW21001). Connect EGR Manifold Assembly (#ZW21001) to the EGR64 Diesel Induction & EGR Service Tool (#ZW21000).



Preparing the EGR64 Diesel Induction & EGR Service Tool:

- * Ensure the EGR64 Diesel Induction & EGR Service Tool is depressurized, remove fill cap and fill with Dynamic Diesel Extreme IE Cleanup #PSK54083 Unless the cooler is frequently cleaned, two (2) 32oz. (950 ml) bottles are recommended.
- * Reinstall the fill cap and hang the tool from the hood latch. Insure both valves on the tool are closed and EGR Manifold Assembly is positioned to "OFF". 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 and manifold turned to "EXHAUST™", open air valve (on regulator side) and allow air to flow through the cooler for 2 minutes. Close air valve & return manifold to "OFF" position.



Performing the Diesel Induction & EGR Service (continued):

Disconnect EGR Valve connector to position valve closed.

- * Start the vehicle's engine.

- " 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. While cleaner is flowing, connect/disconnect the EGR electrical connector for short periods to allow cleaner to also flow through EGR valve.



- * Set the EGR Manifold Assembly to "INTAKE" and open the fluid/cleaner valve (pressure gauge side). Continue the service until all fluid/cleaner has been consumed. Run at 1500 RPM's for the best service.

If the engine begins knocking at any time during the Intake service, turn the EGR Manifold Assembly to "OFF" for 2 minutes to allow all the fluid to evacuate the engine. Turn the EGR Manifold Assembly to "INTAKE" and continue the service.



- * Let the vehicle run for 5-10 minutes after all of 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 & EGR Service Tool, EGR Manifold Assembly and EGR Adapters. Re-install the MAP Sensor, EGR valve connector, outlet temperature sensor and intake heater connector.
- * Road test the vehicle to ensure all carbon 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 carbon evacuated by the service.