



FORD 6.0L POWERSTROKE DIESEL INDUCTION & EGR SERVICE JOB AID

Technical Service: 833-364-5932

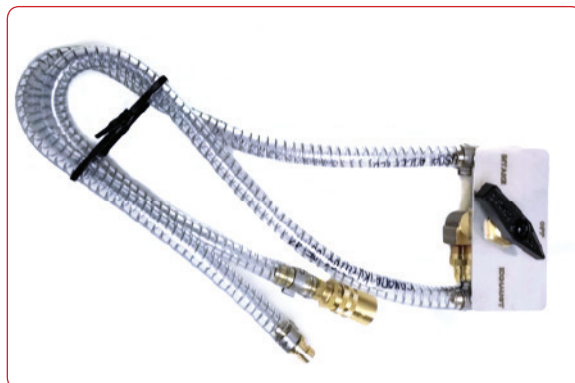
Safety Recommendations:

- 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.



Adapters Required for Diesel Induction & EGR Service:

- #ZW21002 - Ford 6.0L Power Stroke Intake/Exhaust Adapter
- #ZW21001 - EGR Manifold Assembly.



Preparing the Vehicle:

- Disconnect EGR electrical connection and remove EGR valve from the intake.
- Insert Ford 6.0L Power Stroke Intake/Exhaust Adapter (#ZW21002) into the EGR valve port and secure with (2) bolts.
- Before re-installing.....manually clean the EGR valve with appropriate cleaner to remove carbon. Keep electrical housing positioned "up" and be careful not to let liquid cleaner run into the electrical housing while cleaning.





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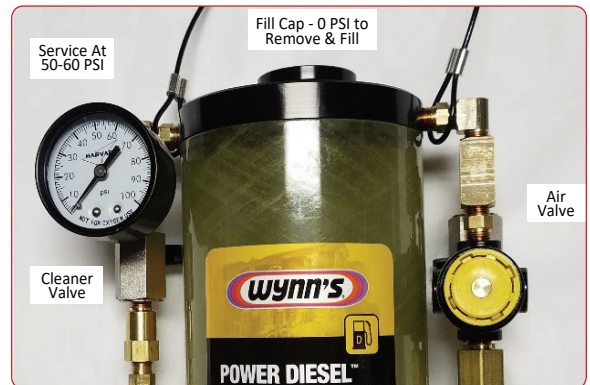
Preparing the Vehicle (continued):

- Attach EGR Manifold Assembly (#ZW21001) to the Ford 6.0L Power Stroke Intake/Exhaust Adapter (#ZW21002).
- Add tank additive to vehicle's fuel tank.



Preparing the the Wynn's Power Diesel™ Induction & EGR Service Tool:

- Insure Wynn's Power Diesel™ Induction & EGR Service Tool is depressurized, remove fill cap and fill with Wynn's Power Diesel™ Induction & EGR Cleaner (#71032). 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.



- Start the vehicle engine.



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Performing the Diesel Induction & EGR Service (continued):

- Set the EGR Manifold Assembly 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.



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

CAUTION: 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 Wynn's Power Diesel™ Induction & EGR Service Tool, EGR Manifold Assembly and EGR adapter. Re-install the EGR Valve and EGR valve electrical connection.
- Road test the vehicle to insure 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.