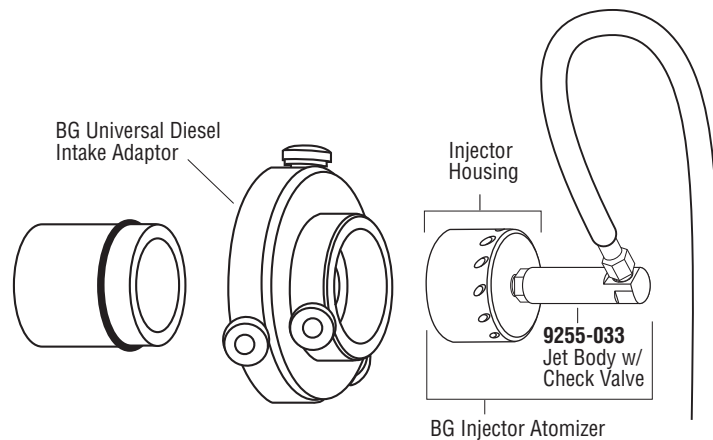


9. During this stage of the service the EGR valve should remain open until the entire quart (946 mL) of BG Diesel ISC[®] has been consumed. Note: Diagnostic scan tool will be needed to command the EGR valve open.
10. When cleaning is complete, shut engine off. Be sure to turn the BG Timer Box off and shut off the ball valve on the BG 1Q VIA[®]. Remove the BG Ford 6.4L EGR System Service Adaptor, and reinstall the EGR temperature sensor. Disassemble the BG Ford 6.4L EGR System Service Adaptor parts from the Jet Body (remove and replace nozzle only).



Install BG Injector Atomizer into BG Universal Diesel Intake Adaptor

Cleaning Air Intake

11. Locate the connection in the air tube that runs from the turbo to the plenum. Separate the tube and install the BG Universal Diesel Intake Adaptor over the metal tube on the engine side. Center the adaptor using the thumb screws. Connect Injector Housing to Jet Body. Install the BG Injector Atomizer to the BG Universal Diesel Intake Adaptor.
12. Refill the BG 1Q VIA[®] with one quart (946 mL) of BG Diesel ISC[®]. Seal and pressurize the BG 1Q VIA[®] to 90 PSI.
13. Start engine and bring to full operating temperature. Use throttle depressor to set RPM between 900–1000. Open ball valve on BG 1Q VIA[®] and turn BG Timer Box to the highest number, which will give the longest time between firings. If the vehicle runs well and does not clatter or knock, switch to the lower number for a faster cleaning setting.

NOTE: If the engine begins to clatter or knock, immediately turn off the BG Timer Box and wait for the engine to run normally. Restart service by setting selector to highest number. If vehicle bellows black smoke, decrease engine RPM. If vehicle continues to bellow black smoke, do not proceed with service.
14. When the BG Diesel ISC[®] has been consumed, shut engine off and remove all apparatus. Reconnect air tube to the intake.
15. Restart engine, raise RPM between 1500–2000 for 15 minutes to dry out pockets of cleaner that may have accumulated. **Do not skip this step!**
16. Install one quart (946 mL) of BG EPR[®] Engine Performance Restoration, PN 10932, in the crankcase of the engine. This step will clean the oil passages and help restore compression.
17. Engine oil and filter will be contaminated with cleaning solution from the service and must be changed at this time. Failure to do so will result in engine damage.
18. Add one quart (946 mL) of BG DOC[®] Diesel Oil Conditioner, PN 11232, to new engine oil.
19. Clear any codes that may have been set.
20. Drive the vehicle for 5–10 miles to remove any loose deposits.