SERVICE PROCEDURE

Date: 6/18/2014

Alert: SP2015-3

Subject: 6.2L Indmar/Ford Mechanical Fuel Pressure Testing

Special Tool Required P/N 605121FP Adapter Fuel Pressure Tester

The 6.2L Ford based engines are equipped electronic fuel pressure sensors that allow you to read and monitor fuel pressure using your Diacom Diagnostic tester or hand held scan tool. There are occasions where it might be desirable to read fuel pressure with a direct reading mechanical gauge. Unfortunately, the Ford based engines do not have permanently installed Schrader Valve connections like we have had available on other engines. To measure fuel pressure with a mechanical gauge, you must use a P/N 605121FP adapter. Please follow the procedure below for releasing the system fuel pressure before attempting to install the adapter.

1. Remove the fuel pump fuse(s) from the electrical box on the engine.
2. Crank the engine to relieve the system pressure through the fuel injectors. If the engine starts, it will not run long enough to do any damage. Crank the engine through one more 15 second Smart Start cycle to make sure the system pressure has been relieved.
3. Remove the fuel pressure sensor and install the 605121FP adapter as shown.
4. Reinstall the fuel pump fuse, connect the mechanical fuel pressure tester and make your evaluation. Note: you will be able to monitor the fuel pressure with your scan tool as well as with the mechanical tester. Nominal fuel pressure is 58.8 PSI plus or minus 5 PSI (53.8 – 63.8).
5. When finished, release the fuel pressure in the system. You should be able to do this with your fuel pressure tester or you can remove the fuel pump fuse as before.
6. Remove your fuel pressure tester from the adapter and remove the adapter.
7. Reinstall the fuel pressure sensor.
8. Wipe up any spilled fuel.
9. Reinstall the fuse(s), pressurize the fuel system and check for leaks. Repair as necessary.

P/N 605121FP Adapter

Adapter Installed