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 Group: 47

Revision a: Added Chassis 902.

**SUBJECT: MY-All, Model 902 with Engine 612, 903, 904, and 906 with Engine 642 and 647
 Procedure for When Diesel Fuel Tank is Filled with Incorrect Fuel Type**

If the above model diesel powered vehicles with a common rail injection system have been refueled with gasoline, kerosene, etc. and/or other mixtures thereof, follow the steps below to remedy. In addition, biodiesel fuel above 5% (B5) in the fuel tank is not permitted for use in the above model vehicles. Please follow the procedure below.

i **Note:** If the fuel tank is filled with the wrong type of fuel this may not be submitted as a warranty claim.

If the engine was **NOT** started after the fuel tank was filled with the wrong type of fuel, then emptying the tank and cleaning the fuel low-pressure lines should be enough to resolve the problem.

If the engine **was** started after the fuel tank was filled with the wrong type of fuel, disconnect the Y-distributor unit (return line high pressure pump/rail) at the output and with the ignition **ON** collect the fuel in a clean container. Check fuel for shavings.

If there are **no** shavings in the injection system and the high pressure pump is not damaged, emptying the fuel tank, cleaning the low pressure lines and changing the fuel filter should resolve the condition.

If metal shavings **are** found in the injection system and/or the high pressure pump is damaged, replace the following components to ensure there are no metal particles in the fuel system. Refer to EPCNet for applicable part number.

- a) Fuel Tank
- b) Low Pressure fuel pump
- c) Fuel Filter

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- d) High Pressure pump
- e) Rail (Including Pressure regulating valve and the rail pressure sensor)
- f) High pressure lines and the leak lines
- g) Injectors

The low pressure lines need to be thoroughly cleaned.

If there are **no** shavings in the injection system and the high pressure pump **is** damaged, the reason for the damaged high pressure pump must be found and resolved prior to replacing the high pressure pump.