



INSTRUCTIONS

Diesel Solenoid

Please Read These First

These instructions are intended as a guide only and are not a substitute for a workshop manual. The fitter must have a degree of mechanical competence. If you are in any doubt as to your ability to fit the part, do not undertake the job.

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Diesel Solenoid

Warning

Dirt and debris in the fuel system is a primary cause of diesel system failure. A diesel stop solenoid fits into the most crucial part of a diesel injection system, the diesel distribution pump. The utmost cleanliness must be observed at all times to avoid irreparable damage to both the injection system and the engine's internal components.

Safety

Diesel stop solenoids are located on the engine in locations that can get very hot. Diesel fuel is flammable. Ensure that the vehicle has cooled to a safe level before attempting to replace it.

Removing the old stop solenoid

1. Disconnect the battery.
2. Remove the electrical connection and check its condition.
3. Clean the area around the solenoid.
4. Unscrew the solenoid. (Caution, this will be tight, use the correct size spanner or socket to avoid damage or injury.
5. Remove the sensor ensuring that the old control plunger, spring and seal are also removed.

Fitting the new stop solenoid

1. Fit the new solenoid ensuring that the seal, plunger and spring are assembled with the solenoid.
2. Tighten the solenoid to the factory recommended torque settings.
3. Remake the electrical connection. It may be necessary to replace the connector depending upon type.
4. Reconnect the battery.

5. Turn the vehicle's ignition on and off and listen for the solenoid operation (click). If OK start the engine and check for fuel leaks around the solenoid. Turn off the engine and check for engine cut out.

Note

If the solenoid fails to operate check the electrical supply from the vehicle's wiring loom.