

Diesel RIDS Induction Cleaning Procedure

COMPLAINT: Diesel induction system service causes engine runaway; engine failure

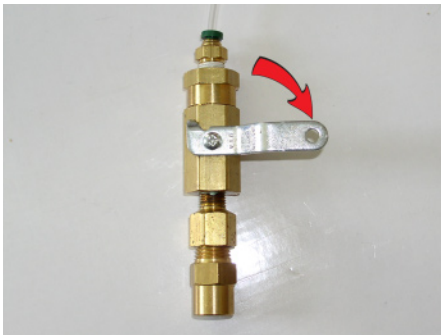
CAUSE: Improper induction system service procedure

CORRECTION: Follow the induction system service procedure to the letter

WARNING Diesel engines don't use a throttle plate; engine RPM is controlled solely by the amount of fuel entering the engine. So always control the flow of induction cleaner carefully. Too much cleaner can cause the engine to overrev.

Never rev the engine during the cleaning procedure.

And always have a CO2 fire extinguisher handy when working on a diesel engine. If the engine begins an uncontrolled runaway, you can shut it off without harming the engine by spraying the intake with CO2.



1. Bring the engine to normal operating temperature.

2. Engine off.

3. Close the valve on the Rapid Induction Deposit System (RIDS) installation tool.

4. Hold the RIDS aerosol can upright and quickly screw it onto the installation tool.

5. Hang the bottle on the hood of the vehicle using the installation tool hanger.



Technical Service Bulletin (continued)



6. Loosen the clamp on the intake hose and carefully disconnect the hose from the throttle body.



7. Slip the S-nozzle into place along the edge of the throttle body and slide the intake hose back on to hold the S-nozzle in place.

8. Start the engine.



9. Open the valve slowly to release the cleaner a little at a time. If the engine begins to race or run rough, close the valve a little.

CAUTION Never rev the engine during the cleaning procedure.

Run the cleaner slowly through the system until the can is empty. The service should take between 12 and 20 minutes to complete.



10. Let the engine run for a couple minutes to burn off any cleaner left in the intake.

11. Engine off.

12. Remove the S-nozzle and reconnect the induction hose. Tighten all clamps.

That's all there is to it; the vehicle is ready to deliver.