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Service Information Bulletin

SUBJECT	DATE
Enhanced Steam Clean	January 2015

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0080	DD Platform	Enhanced Steam Clean	This is a new procedure.
DDC-SVC-MAN-0180	EuroIV DD Platform		



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2 Enhanced Steam Clean

Check as follows:

NOTE: This procedure does not replace a standard steam clean and should only be performed when instructed.

NOTICE: Do not power wash or steam clean the engine bay in the area of vehicle electrical components such as the SAM Cab, SAM Chassis, or powernet distribution box. Power washing/steam cleaning can permanently damage these components, which could result in fire, personal injury, or property damage.

1. Shut off the engine, apply the parking brake, chock the wheels, and perform any other applicable safety steps.
2. Open the hood.
3. Steam clean the left-hand side of the engine as follows:
 - a. Avoid spraying directly into the air cleaner inlet.
 - b. Clean the area where the camshaft frame mounts to the cylinder head. Work in a front to rear motion.
 - c. Clean the top of the oil coolant module. Focus on areas where debris collects such as around the oil filter cap.
 - d. Clean the front of the oil coolant module.
 - e. Clean the exposed areas of the cylinder block.
4. Remove the air cleaner assembly. Refer to the OEM procedure.
5. Cover the turbocharger inlet and air compressor inlet hose to protect them from the cleaning process.
6. Steam clean the right-hand side of the engine as follows:
 - a. Clean the rocker cover, working from side to side.
 - b. Clean the area between the camshaft frame and water manifold assembly or EGR cooler water manifold assembly, depending on engine model. Work in a front to rear motion.
 - c. Clean the exposed areas of the cylinder block.



WARNING: EYE INJURY

To avoid injury from flying debris when using compressed air, wear adequate eye protection (face shield or safety goggles) and do not exceed 276 kPa (40 psi) air pressure.

7. Using a rubber tip blow gun, use compressed air to clean and dry the area between the camshaft frame and water manifold assembly or EGR cooler water manifold assembly, depending on engine model.
8. Remove protective covers from turbocharger inlet and air compressor inlet hose.
9. Install the air cleaner assembly. Refer to the OEM procedure.
10. Close the hood.