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Service Information Bulletin

SUBJECT	DATE
GHG17 DD5 Medium Duty - Exhaust and EGR - EGR Delivery Elbow Coolant Return Line	January 2017

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0194	Medium Duty - GHG17 DD5	Removal of the Exhaust Gas Recirculation Delivery Elbow Coolant Return Line	New procedures.
		Installation of the Exhaust Gas Recirculation Delivery Elbow Coolant Return Line	



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2 Removal of the Exhaust Gas Recirculation Delivery Elbow Coolant Return Line

Remove as follows:



WARNING: PERSONAL INJURY

To avoid injury before starting and running the engine, ensure the vehicle is parked on a level surface, parking brake is set, and the wheels are blocked.

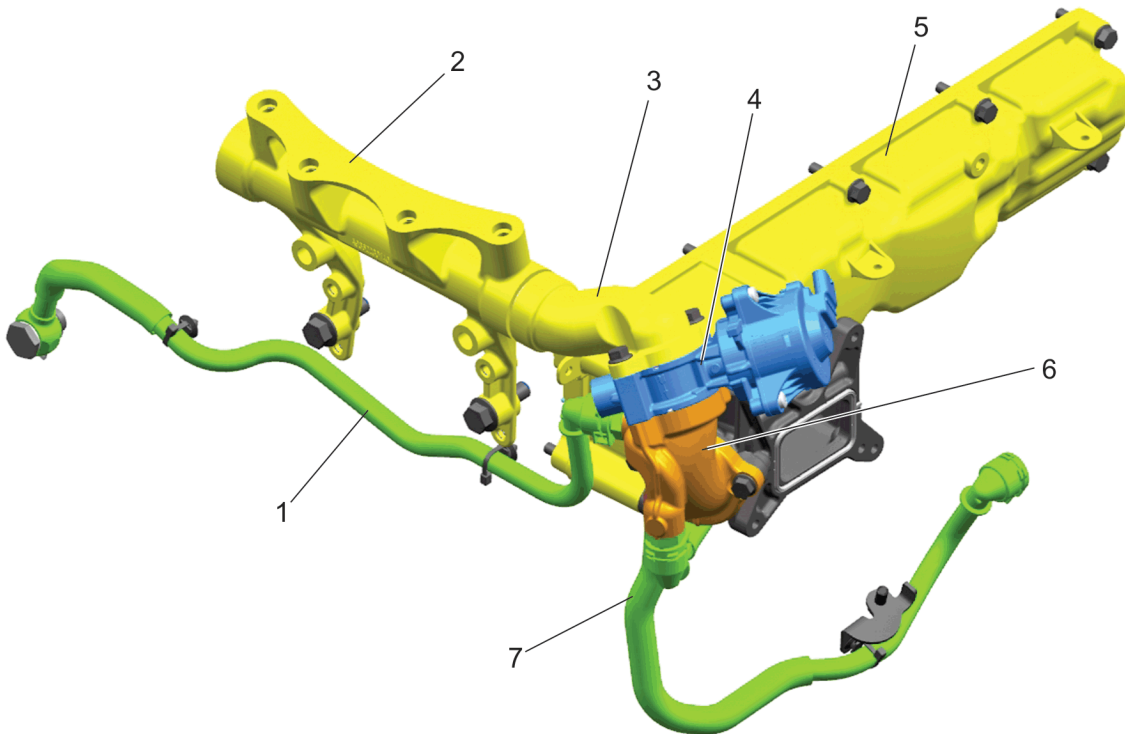
1. Shut off the engine, apply the parking brake, chock the wheels, and perform any other applicable safety steps.



CAUTION: ELECTRICAL SHOCK

To avoid injury from electrical shock, use care when connecting battery cables. The magnetic switch studs are at battery voltage.

2. Disconnect batteries.
3. Open the hood.
4. If needed, remove the bumper end(s).
5. Drain coolant. Refer to section "Cooling System Drain Procedure".
6. Disconnect the Exhaust Gas Recirculation (EGR) delivery elbow coolant return line (1) at the EGR delivery elbow (6). Retaining clip is captured within the EGR delivery elbow coolant return line.



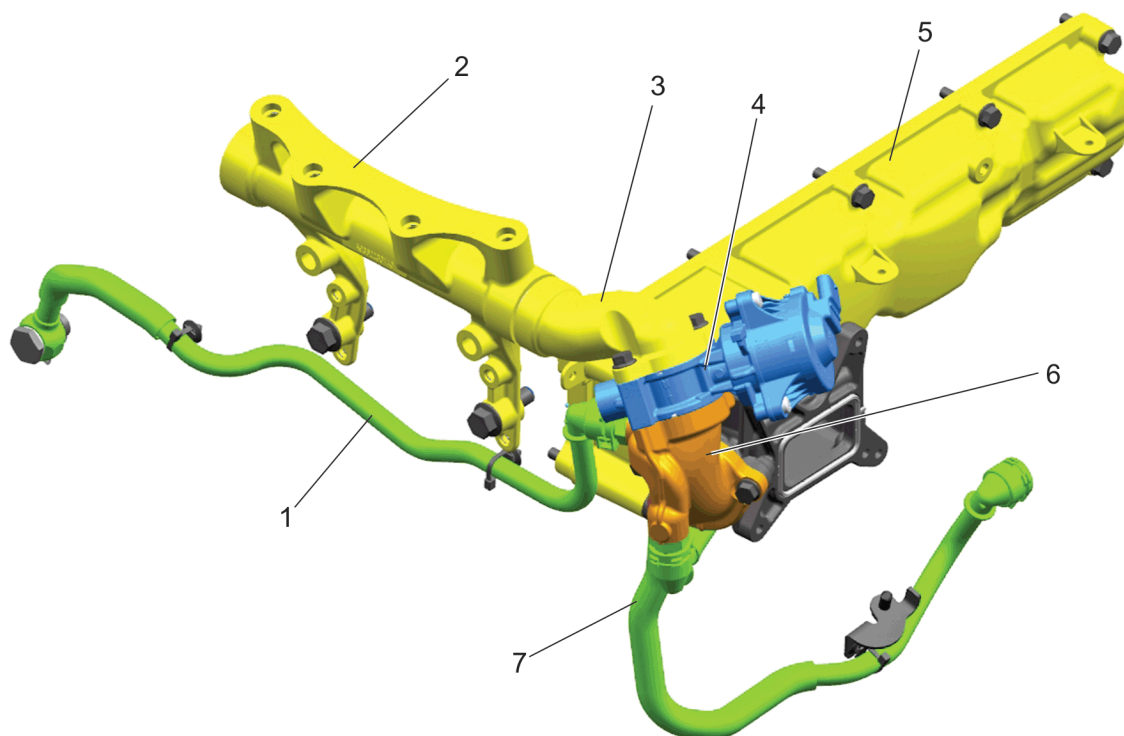
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7. Disconnect attachment points from the cylinder head.
8. Disconnect the EGR delivery elbow coolant return line at the thermostat housing. Discard seal rings.
9. Remove EGR delivery elbow coolant return line (1).

3 Installation of the Exhaust Gas Recirculation Delivery Elbow Coolant Return Line

Install as follows:

1. Install the Exhaust Gas Recirculation (EGR) delivery elbow coolant return line (1) and attach at the EGR delivery elbow (6).



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2. Connect attachment points to the cylinder head.
3. With new seal rings, secure the EGR delivery elbow coolant return line (1) to the thermostat housing. Torque banjo bolt to 30 N·m (22 lb·ft).
4. Fill the cooling system. Refer to section "Cooling System Fill Procedure".
5. If needed, install the bumper end(s).



CAUTION: ELECTRICAL SHOCK

To avoid injury from electrical shock, use care when connecting battery cables. The magnetic switch studs are at battery voltage.

6. Connect the batteries.
7. Close the hood.