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Service Information Bulletin

SUBJECT	DATE
Exhaust Gas Recirculation Actuator Lever	May 2015

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0083	DD Platform	Removal of the Exhaust Gas Recirculation Actuator Lever	Note, Notice, and step changes throughout.
		Installation of the Exhaust Gas Recirculation Actuator Lever	



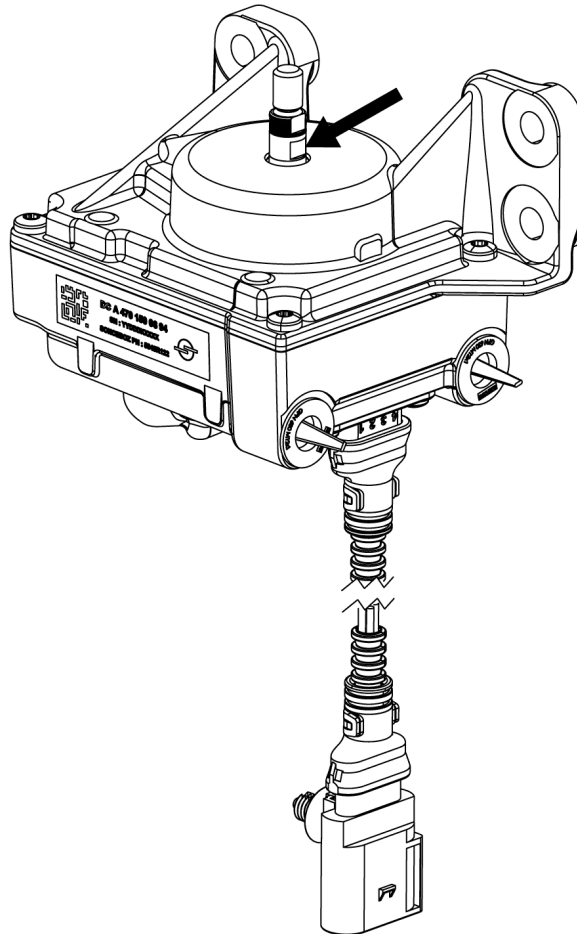
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2 Removal of the Exhaust Gas Recirculation Actuator Lever

Remove as follows:

NOTICE: The Exhaust Gas Recirculation (EGR) valve actuator shaft must be held still using a wrench when removing or installing the actuator lever or pull rod clamping nuts to avoid damage to the EGR valve actuator internal end stops.

1. Shut off the engine, apply the parking brake, chock the wheels, and perform any other applicable safety steps.
2. Remove the EGR pull rod.
 - a. For DD13 engines, Refer to section "Removal of the Exhaust Gas Recirculation Valve Actuator Pull Rod".
 - b. For DD15 Asymmetrical Turbo (AT) engines, Refer to section "Removal of the GHG14 DD15 AT Exhaust Gas Recirculation Valve Actuator Pull Rod".
 - c. For DD15/DD16 Turbo Compound (TC) engines, Refer to section "Removal of the Exhaust Gas Recirculation Valve Actuator Pull Rod".
3. While holding the EGR valve actuator shaft with a wrench, remove the clamping nut securing the EGR valve actuator lever.



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4. Remove the EGR valve actuator lever.

3 Installation of the Exhaust Gas Recirculation Actuator Lever

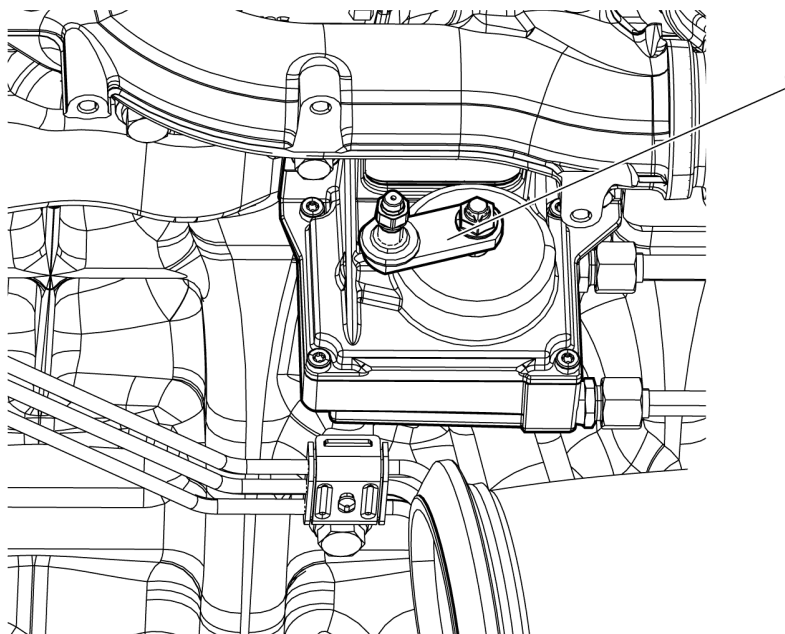
Install as follows:

NOTE: The lever on the top of the Exhaust Gas Recirculation (EGR) valve actuator is dependent on engine model and type. Verify the EGR valve actuator lever is correct before installation. For GHG14 units see the figures below:

Table 1.

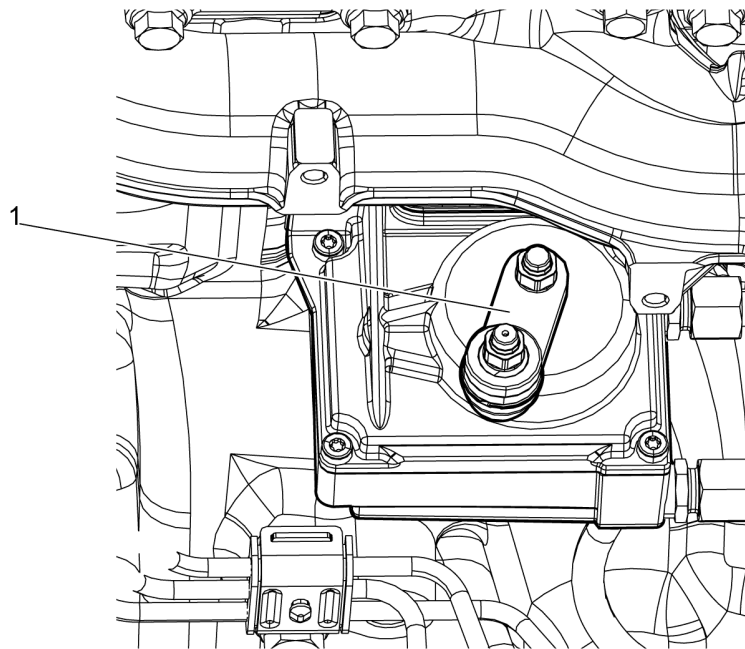
EGR Valve Actuator Lever Type		
		
d140495		
471 used on DD13	472 used on DD15AT (model 472906)	473 used on DD15TC (472909) and DD16

1. Shut off the engine, apply the parking brake, chock the wheels, and perform any other applicable safety steps.
2. Position the EGR valve actuator lever onto the EGR valve actuator.
 - a. For DD13 engines, see below for the correct EGR valve actuator lever position.



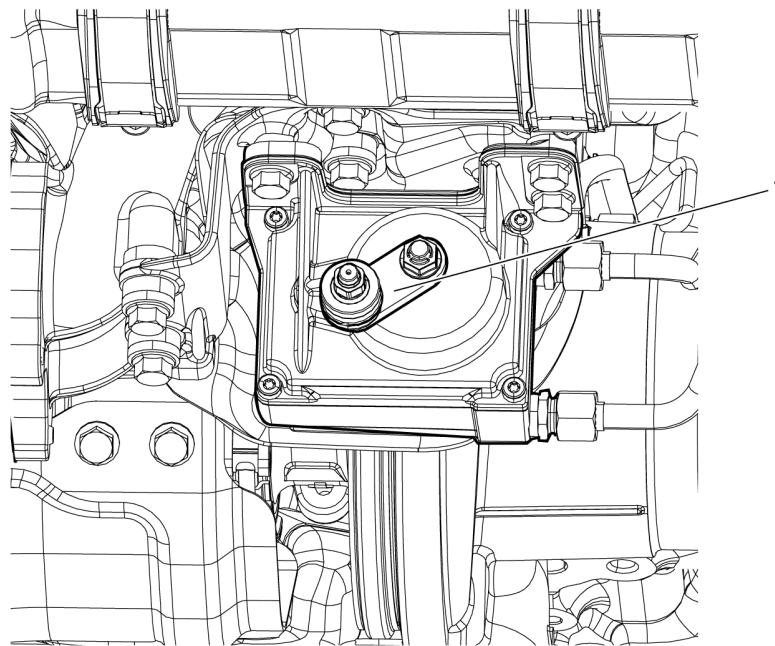
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- b. For DD15 AT engines, see below for the correct EGR valve actuator lever position.



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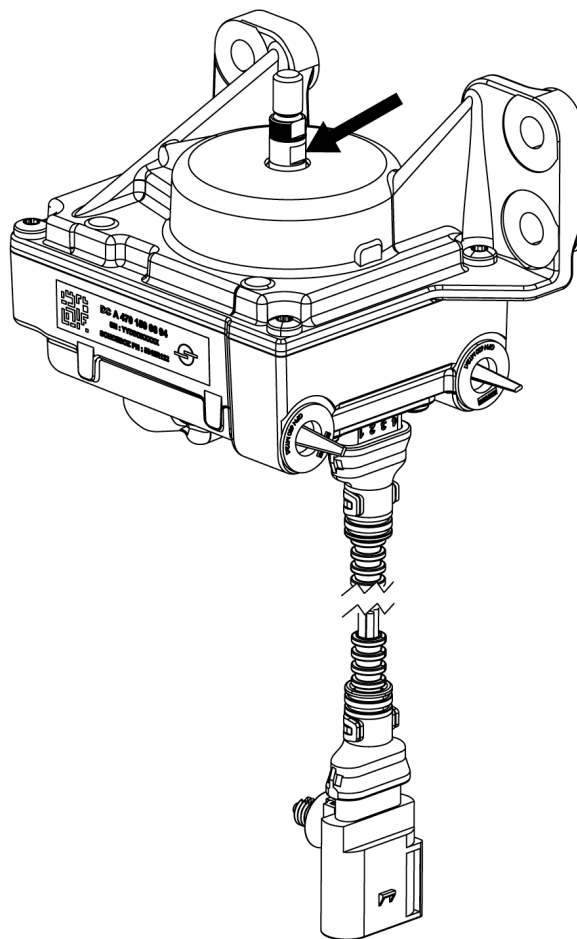
- c. For DD15/16 TC engines, see below for correct EGR valve actuator lever position.



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NOTICE: The EGR valve actuator shaft must be held still using a wrench when removing or installing the actuator lever or pull rod clamping nuts to avoid damage to the EGR valve actuator internal end stops.

3. While holding the EGR valve actuator shaft with a wrench, install the clamping nut onto the threads of the EGR valve actuator. Torque nut to 20 N·m (15 lb·ft).



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4. Install the EGR valve actuator pull rod.
 - a. For DD13 engines, Refer to section "Installation of the DD13 Exhaust Gas Recirculation Valve Actuator Pull Rod".
 - b. For DD15 AT engines, Refer to section "Installation of the GHG14 DD15 AT Exhaust Gas Recirculation Valve Actuator Pull Rod".
 - c. For DD15/16 TC engines, Refer to section "Installation of the DD15 and DD16 Exhaust Gas Recirculation Valve Actuator Pull Rod".