Additions, Revisions, or Updates

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2 Removal of the GHG14 Selective Catalytic Reduction Inlet NOx Sensor

Remove as follows:
1. Shut off the engine, apply the parking brake and chock the wheels.
2. Disconnect the batteries.
3. Remove the Electronic Control Unit (ECU) protective cover (1).
4. Remove the two bolts (4) that secure the ECU to the sensor mounting bracket, disconnect and remove the ECU (3).
NOTE: Do NOT cut the wires to remove the NOx sensor; use a slotted automotive-type oxygen sensor socket.

5. Note the location of the zip ties securing the NOx sensor’s wire harness to the 1-BOX™ before removing for proper installation.
6. Use a slotted socket and unscrew the inlet NOx sensor (1) and remove the NOx sensor ECU and the NOx sensor from the 1-BOX™.
3 Installation of the GHG14 Selective Catalytic Reduction Inlet NOx Sensor

Install as follows:

**NOTICE:** When re-using a NOx sensor, apply a small amount of anti-seize compound to the threads. Excessive amounts of anti-seize will squeeze out when torquing, possibly contaminating the sensor. New sensors already have a small amount of anti-seize compound on their threads.

1. Apply anti-seize to the threads of the NOx sensor.

**NOTICE:** DO NOT over tighten sensors; damage to threads may occur.

2. Install the Selective Catalytic Reduction (SCR) inlet NOx sensor (1) to the 1-BOX™. Use an automotive-type oxygen sensor socket and torque the NOx sensor to 50 N·m (37 lb·ft).

3. Connect the ECU (3) and install the two bolts (4) fastening the ECU to mounting bracket. Torque the bolts to 12 N·m (9 lb·ft).
4. Route the NOx sensor wiring harness back over the support bracket and install zip-ties to properly secure the harness.

5. Install the ECU cover (1) and tighten the screw.
6. Connect the batteries.