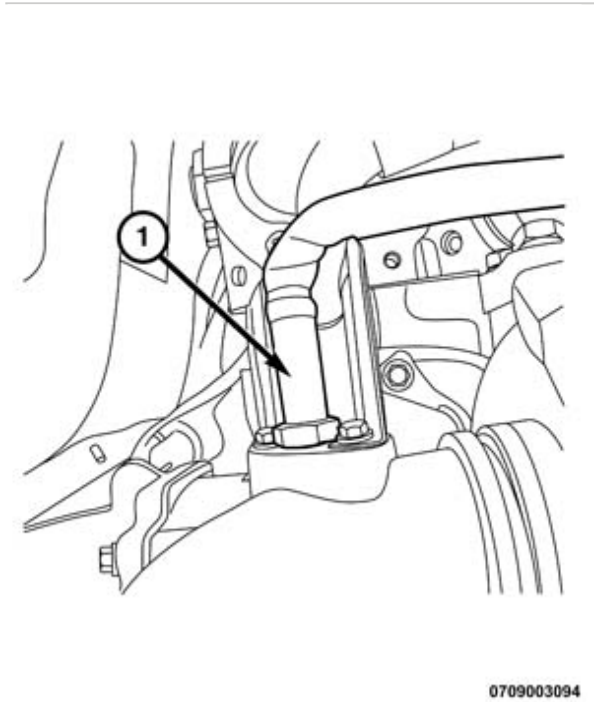


2014 Dodge or Ram Truck RAM 3500 Truck 4WD L6-6.7L DSL Turbo High Output

Vehicle > Powertrain Management > Sensors and Switches - Powertrain Management > Sensors and Switches - Computers and Control Systems > Exhaust Gas NOx Sensor > Service and Repair > Removal and Replacement > NOx Sensor - Installation

## BANK 1 SENSOR 1

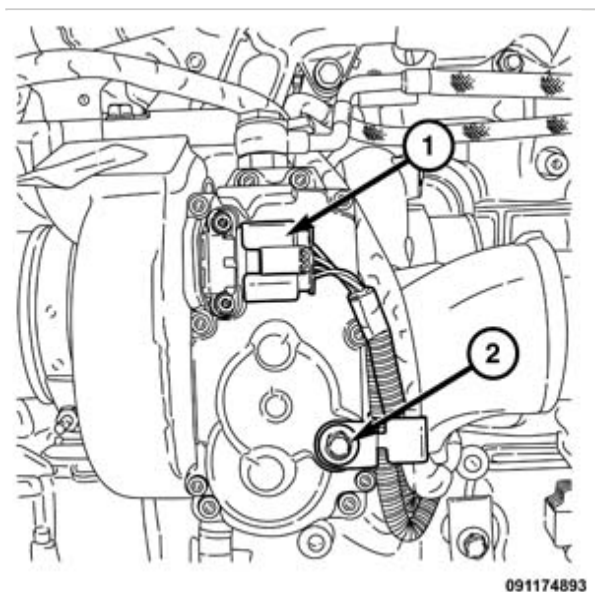
### NOx SENSOR 1/1



#### NOTE:

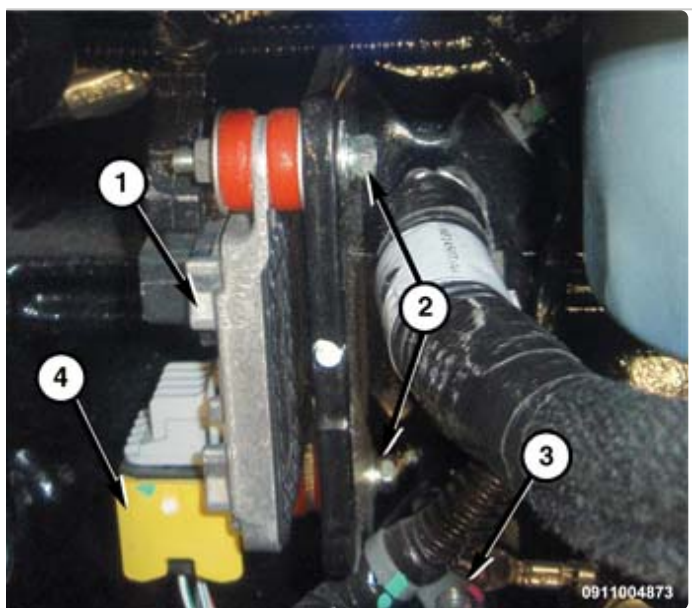
**NOx sensor 1/1 module has a gray wire harness connector. Make sure the right NOx sensor is being installed.**

1. Install NOx sensor 1/1 (1) into the turbocharger elbow. Tighten sensor (1) to 50 Nm (37 ft. lbs.).



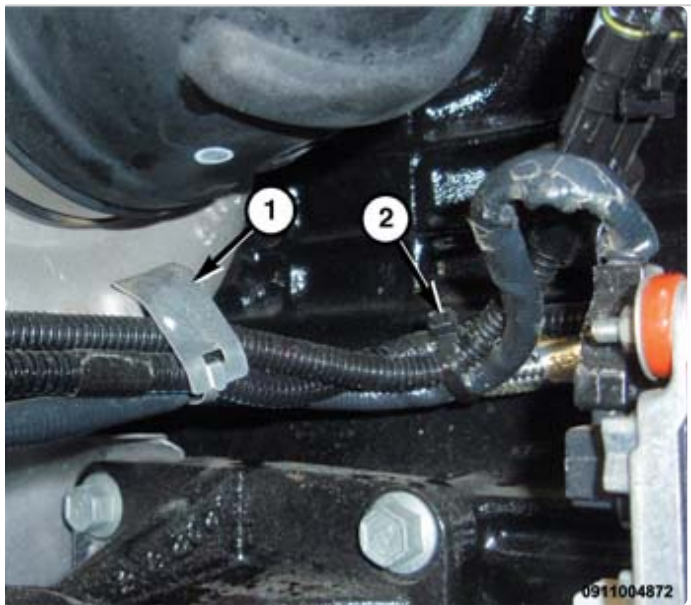
2. Position NOx wire harness and the turbocharger speed sensor wire harness into retainer clip and connect clip. Install retainer clip to turbocharger actuator. Tighten bolt (2) to 11 Nm (8 ft. lbs.).

3. Using a cable tie, tie wires together at turbocharger coolant line.



4. Install the NOx module (1). Tighten bolts (2) to 6 Nm (53 in. lbs.).

5. Connect the NOx sensor wire harness connector (4).



6. Position the NOx wire harness and the turbocharger speed sensor wire harness and close retainer clip (1).
7. Using a cable tie, tie (2) the NOx sensor wire harness and turbocharger speed sensor wire harness together.
8. Install the right wheel house splash shield See: Front Fender Liner > Removal and Replacement > Splash Shield - Installation.
9. Remove support and lower the vehicle.
10. Connect both negative battery cables.