

Technical Notice

OXYGEN SENSOR INSTALLATION INSTRUCTIONS

Warning : Read instructions completely before proceeding with the oxygen sensor installation.

CAUTION

- The sensing element in the oxygen sensor may be damaged if dropped.
- The use of products such as leaded fuel and silicone based products will rapidly degrade the sensor.
- Position the sensor wiring harness away from hot exhaust parts or from rubbing on sharp objects.
- To prevent sensor contamination, use approved oxygen sensor products.
- Upon installation, use the appropriate oxygen sensor socket. NEVER USE IMPACT TOOLS. (follow the tightening instruction or damage will occur to the sensor)

INSTALLATION PROCEDURES

1. Remove protective cap only when ready for installation, this will prevent sensor contamination.
2. During sensor installation, ensure not to damage, bend or twist the wiring harness.
3. Install the sensor by hand, do not use air tools or impact wrench.
4. Tighten the sensor to the specified torque as shown below:
 - a. M12 oxygen sensor: Finger-tighten the sensor first, then use a wrench and tighten $\frac{3}{4}$ turn, or torque specifications using a socket (13.2-17 ft. lbs. – 18-23 Nm)
 - b. M18 oxygen sensor: Finger-tighten the sensor first, then use a wrench and tighten $\frac{1}{2}$ turn, or torque specifications using a socket (26-33 ft. lbs. – 35-44 Nm)
5. Connect sensor harness to vehicle harness.
 - Make sure to route the wiring harness as previously found with the original part, add the clips or the grommets supplied in the box.

WARNING

Compound used on the threads may cause eye or skin irritation. Wash hands thoroughly after contact with compound. KEEP OUT OF CHILDREN'S REACH.

