

ALUMINUM WHEEL

PARTS LIST

Aluminum wheel (The illustration may differ from the actual wheel.)



Wheel center cap (The illustration may differ from the actual center cap.)



Tire pressure sensor assembly

Tire pressure sensor



Washer



Valve nut



TOOLS AND SUPPLIES REQUIRED

Ratchet 11 mm and 17 mm Sockets Torque wrench Isopropyl alcohol Shop towel

SPECIFICATIONS

Rim size	Front	19 x 8 1/2J (inset 55)
	Rear	20 x 11 J (inset 55)
Tire size	Front	245/35ZR19 93Y
	Rear	305/30ZR20 103Y
Bolt hole PCD		120 (5 holes)
Tire pressure	Front	220 kPa (2.2 kgf/cm², 32 psi)
	Rear	220 kPa (2.2 kgf/cm², 32 psi)

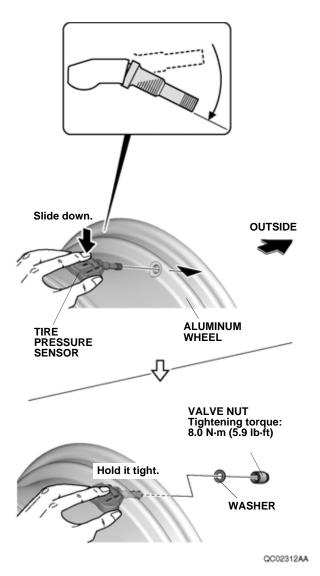
INSTALLATION

Client Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

NOTE:

- This aluminum wheel is designed for use on a vehicle equipped with a TPMS (Tire Pressure Monitoring System).
- This aluminum wheel is equipped with a tire pressure sensor. See the service information for the tire replacement and tire pressure sensor installation procedures.
- The illustrations of the aluminum wheels are shown for reference purposes only.
- Install the correct size tire.
- Follow the instructions in the owner's manual when lifting the vehicle and when removing and installing the wheels. Do not overtighten the wheel nuts. Wheel nut torque: 170 N·m (125 lb·ft).
- Use a tire changer to install and remove the tires according to the directions in the operation manual furnished with the tire changer. Do not use a tire lever to install and remove the tires as it may cause damage to the tire and aluminum wheel.

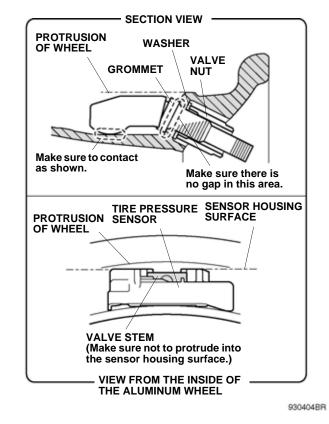
1. Before installing the tire pressure sensor, clean the mating surface on the sensor and the aluminum wheel.



- 2. Install the tire pressure sensor and the washer on the aluminum wheel and tighten the valve nut, finger tight. Make sure the tire pressure sensor is resting on the wheel.
- 3. While holding the tire pressure sensor against the wheel, tighten the valve nut to the specified torque. Tightening torque: 8.0 N·m (5.9 lb·ft)

NOTE:

- Check the grommet on the tire pressure sensor to make sure it is seated properly.
- Make sure the valve stem does not protrude into the sensor housing surface.
- To prevent the sensor housing from getting caught on the bead of the tire, install the tire pressure sensor so that the sensor housing does not protrude into the bead area of the wheel.
- Do not reuse a grommet, even one time, as it maybe deformed inside.
- Do not use pneumatic or electric tools on the valve nut.
- Over-tightening the valve nut can damage the grommet.



- 4. Install the tires according to the instructions in the service information.
- Install the wheels on the vehicle and torque to 170 N·m (125 lb·ft).
- 6. Drive the vehicle for at least 40 seconds at a speed of 15 mph (24 km/h) or more, and all sensor IDs will be memorized automatically.