



# GENUINE PARTS

## INSTALLATION INSTRUCTIONS

1) **DESCRIPTION:** Alloy Wheel – 20 x 8.0 JJ (23)

2) **APPLICATION:** Titan

3) **PART NUMBER:** 999W1 WV000

4) **KIT CONTENTS:**

Item	Qty	Description	Part Number
A	1	Alloy Wheel – Wheel Disc, AL 20X8.0JJ	40300 ZT20A
B	1	Installation Instructions	999W1 WV000II
C	1	Maintenance Instructions	999W1 WV000MI

5) **TOOLS REQUIRED:**

Torque Wrench  
Tire Changer

21 mm Socket and Wrench  
Wheel Balancer

Balance Weights  
TPMS air valve tool (12mm)

6) **INSTALLATION NOTES:**

 **WARNING**

- After installation, check for tire clearance and interference between the body and/or suspension parts. Do not drive the vehicle if interference is found. Tire interference could cause tire failure and lead to an accident and serious injury.
- Failure to apply the proper torque to the lug nuts could cause wheel separation and lead to an accident and serious injury. Re-torque lug nuts to the specified value after 25 miles of driving
- Use only the recommended tire size, P275/60R20, for this alloy wheel.
- See the tire and loading information label (tire placard) for the recommended COLD tire air pressure.
- Center caps, wheel nuts and TPMS air valves from the Original Equipment wheels should be used on the new accessory wheels. If replacement parts are needed, please obtain the following part numbers: Center cap P/N 40342 ZW10A; wheel nut P/N 40224 V5510; TPMS air valve P/N 40700 JA01B with 40780 JA01A nut.
- For additional tire information, see owner’s manual.
- Balance the alloy wheel and tire assembly.
- Place the maintenance instructions in the glove compartment.

## INSTALLATION INSTRUCTIONS – Chrome Alloy Wheel

### 7) INSTALLATION PROCEDURE:

**Note:** Handle wheels carefully and do not scratch the decorative surface of the wheel.

- 1) Apply parking brake, chock wheels and raise the vehicle. Shift the automatic transmission into P (Park) or the manual transmission into R (Reverse).
- 2) Remove the original wheels and tires from the vehicle.
- 3) If vehicle is equipped with the Tire Pressure Monitor System, use a 12mm socket or wrench and remove the tire pressure monitor sensor from each wheel (after removing the tire). Be sure to install each sensor at the same corner of the vehicle in the new alloy wheel.

**Note:** If the sensors are not returned to the correct location, or if new sensors are installed, the system must be re-initialized. A trained technician should perform this procedure per the vehicle Service Manual.

- 4) Using a tire changer, mount the recommended tires on the new alloy wheels with the outboard sidewall facing the same direction as the wheels' outward surface.
- 5) Inflate the tires to the specified COLD air pressure.
- 6) Balance the wheel and tire assemblies per vehicle Service Manual, Wheel and Tire Assembly Section, Wheel Balance Adjustment (Use only adhesive balance weights).
- 7) Inspect the vehicle hub and studs for any damage and repair or replace any damaged components. Remove any corrosion that would cause mounting misalignment.
- 8) Check tires to determine if a rotational direction or mounting orientation is specified.
- 9) Mount the wheel and tire assembly on the vehicle.

**Note:** If a rotational direction is specified, ensure that the tire rotates in the specified direction when mounted on the vehicle.

- 10) Install the lug nuts hand-tight. Progressively tighten the lug nuts alternately and evenly in a crossing pattern similar to the sequence shown in Figure 1. Use a calibrated torque wrench. Do not use lubricant of any type on the lug nut or wheel nut seat surfaces.

<b>Tightening torque</b>	<b>96 – 108 ft-lbs ( 130 – 147 Nm)</b>
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- 11) Install the center caps.
- 12) Wipe off any dust and finger marks, and clean the decorative surface.
- 13) Re-torque lug nuts to the specified value after 25 miles of driving.

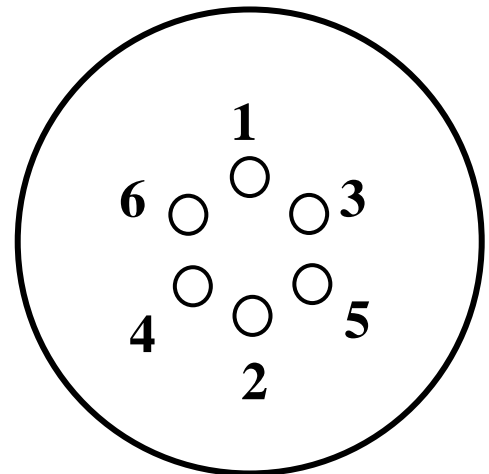


Figure 1. Tightening Sequence