

22. Wheel Bearing

A: INSPECTION

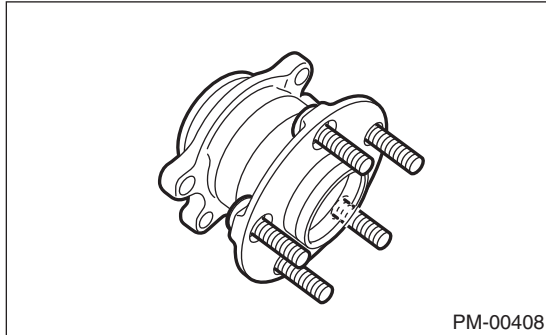
1. FRONT HUB UNIT

- 1) Jack-up the front of the vehicle.
- 2) While holding the front wheel by hand, swing it in and out to check if there is any bearing free play.
- 3) Loosen the wheel nuts, and remove the front wheel.
- 4) If the bearing free play exists in step 2) above, attach a dial gauge to hub and measure the looseness in the axial direction.

Service limit:

From the straight-ahead position: Max. of 0.05 mm (0.0020 in)

- 5) Remove the bolts and self-locking nuts, and extract transverse link from the front crossmember.
 - 6) Remove the PTJ of the front drive shaft from the transmission. <Ref. to DS-13, Front Axle.>
 - 7) While supporting the front drive shaft horizontally with one hand, turn the hub with the other hand to check for noise or binding.
- Replace the front hub unit if there is any abnormal noise from the hub or if it drags.



2. REAR HUB UNIT

- 1) Jack-up the rear of the vehicle.
- 2) While holding the rear wheel by hand, swing it in and out to check if there is any bearing free play.
- 3) Loosen the wheel nuts, and remove the rear wheel.
- 4) If the bearing free play exists in step 2) above, attach a dial gauge to hub and measure the looseness in the axial direction.

Service limit:

From the straight-ahead position: Max. of 0.05 mm (0.0020 in)

- 5) Remove the DOJ of the rear drive shaft from the rear differential. <Ref. to DS-33, Rear Drive Shaft.>
 - 6) While supporting the rear drive shaft horizontally with one hand, turn the hub with the other hand to check for noise or dragging/catching.
- Replace the front hub unit if there is any abnormal noise from the hub or dragging/catching.

