

22. Wheel Bearing

A: INSPECTION

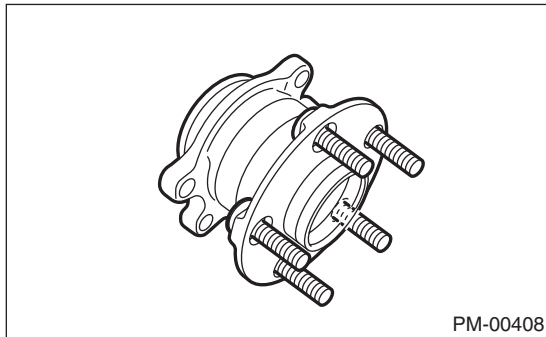
1. FRONT HUB UNIT

- 1) Jack-up the front side of vehicle.
- 2) While holding the front wheel by hand, swing it in and out to check that there is no 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.

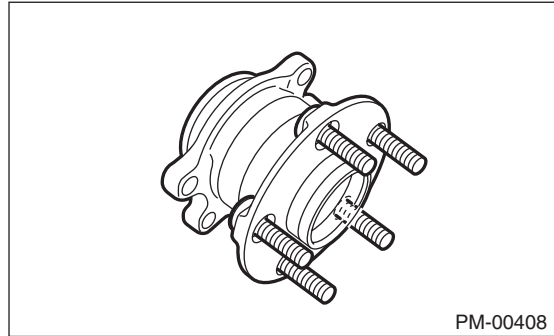
Service limit:

***Straight-ahead position within 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 AAR of front drive shaft from 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.
- If the hub is noisy or binds, replace the front hub unit.



- 6) While supporting rear drive shaft horizontally with one hand, turn the hub with the other to check for noise or binding.
- If the hub is noisy or binds, replace the rear hub unit.



2. REAR HUB UNIT

- 1) Jack-up the rear side of vehicle.
- 2) While holding the rear wheel by hand, swing it in and out to check 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:

***Straight-ahead position within 0.05 mm
(0.0020 in)***

- 5) Remove the DOJ of rear drive shaft from rear differential. <Ref. to DS-30, Rear Drive Shaft.>