

## 18. Front and Rear Wheel Bearing Lubricant

MAINTENANCE INTERVAL																	
[Number of months or km (miles), whichever occurs first]																	
Months	3	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	97.5	105	112.5	120
× 1,000 km	4.8	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
× 1,000 miles	3	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	97.5	105	112.5	120
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### A: INSPECTION

#### 1. FRONT WHEEL BEARING

##### NOTE:

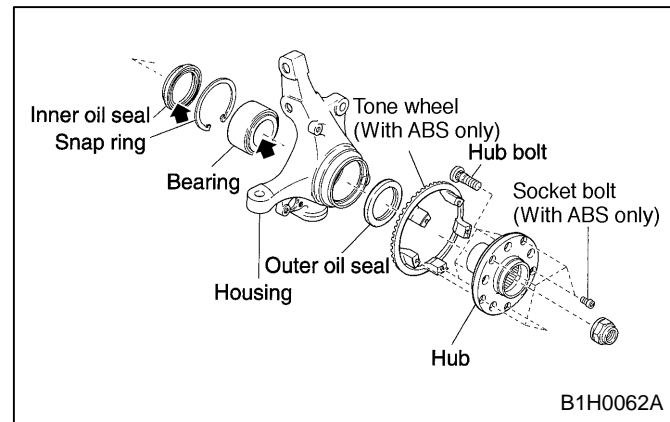
Inspect the condition of front wheel bearing grease.

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

##### Service limit:

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

- 5) Remove bolts and self-locking nuts, and extract transverse link from front crossmember.
- 6) While lightly hammering spring pin which secures DOJ to transmission spindle, remove it.
- 7) Extract DOJ from transmission spindle. <Ref. to 4-2 [W1A0].>
- 8) While supporting front drive shaft horizontally with one hand, turn hub with the other to check for noise or binding. If hub is noisy or binds, disassemble front axle and check condition of oil seals, bearing, etc.



#### 2. REAR WHEEL BEARING

##### NOTE:

Inspect the condition of rear wheel bearing grease.

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

##### Service limit:

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

- 5) Turn hub by hand to check for noise or binding. If hub is noisy or binds, disassemble rear axle and check condition of oil seals, bearings, etc.
- 6) Remove bolts and self-locking nuts, and remove front lateral link from cross member.

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7) Remove the DOJ of rear drive shaft from rear differential. <Ref. to 4-2 [W2A0].>

8) While supporting rear drive shaft horizontally with one hand, turn hub with the other to check for noise or binding.

If hub is noisy or binds, disassemble rear axle and check condition of oil seals, bearings, etc.

