

CHASSIS INSPECTION

MA02N-04

1. INSPECT STEERING LINKAGE

- Check the steering wheel freeplay (See page [SR-9](#)).
- Check the steering linkage for looseness or damage.

Check that:

- Tie rod ends do not have excessive play.
- Dust seals and boots are not damaged.
- Boot clamps are not loose.

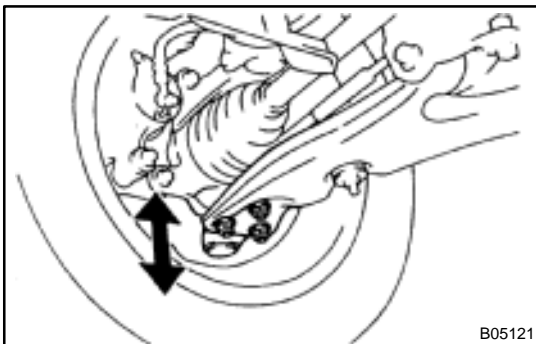
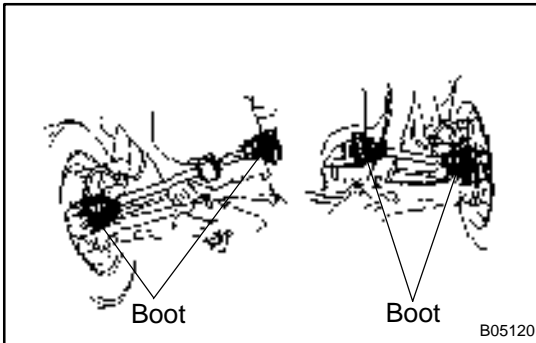
2. INSPECT SRS AIRBAG (See page [RS-2](#))

3. INSPECT STEERING GEAR HOUSING OIL

Check the steering gear housing for oil leakage.

4. INSPECT DRIVE SHAFT BOOTS

Check the drive shaft boots for clamp looseness, leakage or damage.



5. INSPECT BALL JOINT AND DUST COVERS

- Inspect the ball joints for excessive looseness.
 - Jack up the front of the vehicle and place wooden blocks with a height of 180 – 200 mm (7.09 – 7.87 in.) under the front tires.
 - Lower the jack until there is about half a load on the front coil spring. Place stands under the vehicle for safety.
 - Make sure the front wheels are in a straightforward position and block the wheel with chocks.
 - Move the lower arm up and down, and check that the ball joint has no excessive play.

Maximum ball joint vertical play: 0 mm (0 in.)

If there is play, replace the ball joint.

- Check the dust cover for damage.

6. CHECK TRANSAXLE OIL (FLUID)

Visually check the transaxle for oil (fluid) leakage.

If leakage is found, check for the cause and repair.

7. REPLACE TRANSAXLE FLUID

- M/T:
Replace the transaxle oil (See page [MX-3](#)).
- A/T:
Replace the transaxle (transmission) fluid (See page [DI-126](#)).



8. REPACK REAR WHEEL BEARINGS

- (a) Change rear wheel bearing grease.
- Remove the hub and inner and outer bearings. Clean in solvent and inspect the bearings for damage.
 - Pack the bearings and axle hubs with multipurpose grease.

Wheel bearing grease grade:

Lithium base multipurpose grease (NLGI No.2)

- (b) Install inner bearing and new oil seal.
- (c) Install the hub and adjust the wheel bearing preload (See page [SA-45](#)).

Preload (while turning):

Add frictional force plus

0 – 12 N (0 – 1.2 kgf, 0 – 2.6 lbf)