

CHASSIS INSPECTION

MA032-01

1. INSPECT STEERING LINKAGE

- (a) 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.

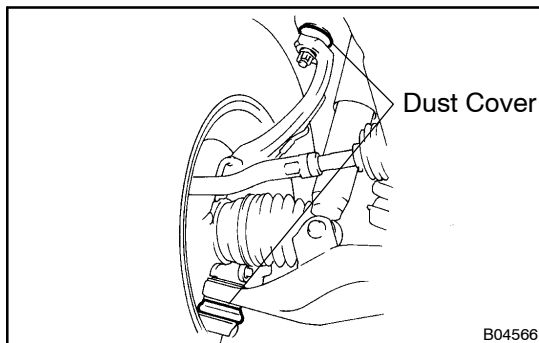
- (b) Inspect the dust cover for damage.

2. INSPECT SRS AIRBAG (See pages [RS-12](#), [RS-26](#))

3. INSPECT STEERING GEAR HOUSING OIL

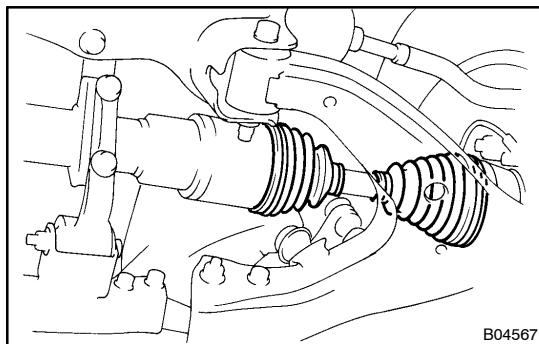
Check the steering gear housing for oil leakage.

If leakage is found, check for cause and repair.



4. INSPECT BALL JOINTS AND DUST COVERS

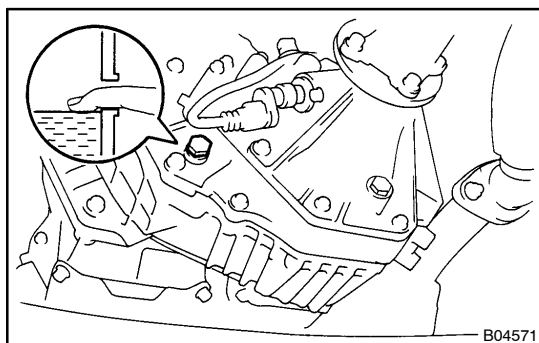
- (a) Jack up the front of the vehicle and support it with stands.
(b) Make sure the front wheels are in a straight-ahead position, and depress the brake pedal.
(c) Jack up the lower suspension arm until there is about half a load on the front suspension.
(d) Inspect the dust cover for damage.



5. INSPECT DRIVE SHAFT BOOTS

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

6. INSPECT AUTOMATIC TRANSMISSION OIL LEVEL (See page [DI-146](#))

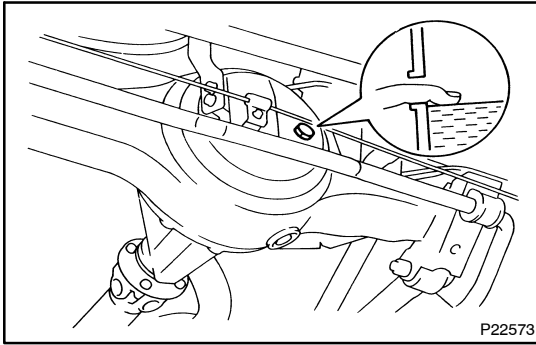


7. INSPECT TRANSFER AND DIFFERENTIAL OIL LEVEL

- (a) Transfer:

Remove the filler plug and feel inside the hole with your finger. Check that the oil comes to within 5 mm (0.20 in.) of the bottom edge of the hole. If the level is low, add oil until it begins to run out of the filler hole.

Transfer oil: See page [TR-6](#)



- (b) **Differential:**
Remove the filler plug and feel inside the hole with your finger. Check that the oil comes to within 5 mm (0.20 in.) of the bottom edge of the hole. If the level is low, add oil until it begins to run out of the filler hole.

Front differential oil: See page [SA-32](#)

Rear differential oil: See page [SA-92](#)

8. Canada:

REPLACE AUTOMATIC TRANSMISSION FLUID (See page [DI-3](#))

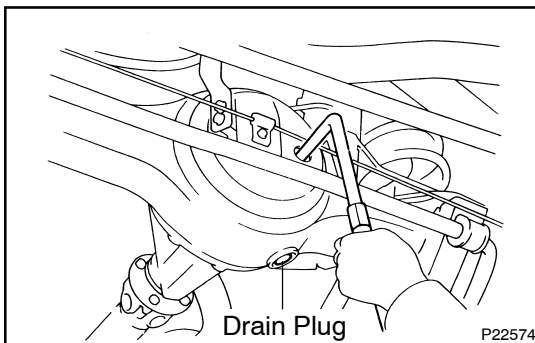
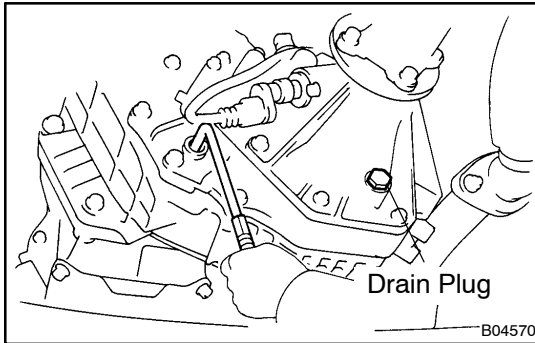
9. Canada:

REPLACE TRANSFER AND DIFFERENTIAL OIL

- Remove the drain plug and drain the oil.
- Reinstall the drain plug securely.
- Add new oil until it begins to run out of the filler hole.

Transfer oil: See page [TR-6](#)

Front differential oil: See page [SA-32](#)



Rear differential oil: See page [SA-92](#)

10. REPLACE ACTIVE HEIGHT CONTROL SYSTEM FLUID (See page [SA-183](#))

11. INSPECT ACTIVE HEIGHT CONTROL SUSPENSION ACCUMULATOR (See page [SA-212](#))

12. REPACK FRONT WHEEL BEARINGS AND DRIVE SHAFT BUSHING GREASE

- Change the front wheel bearing grease (See page [SA-14](#)).

NOTICE:

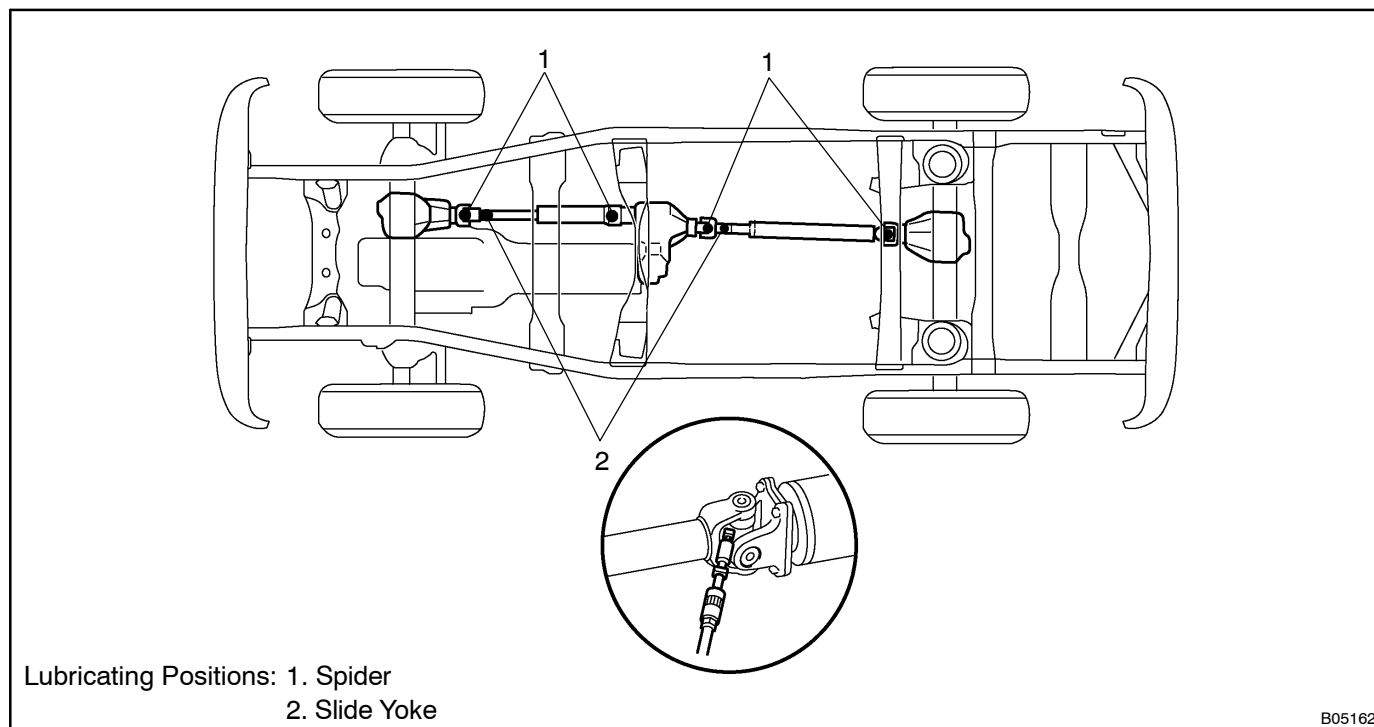
Maintenance free for rear wheel bearing.

- Repack the drive shaft bushing grease (See page [SA-30](#)).

13. LUBRICATE PROPELLER SHAFT AND TIGHTEN BOLTS

- Lubricate chassis components, referring to the lubrication chart. Before pumping in grease, wipe off any mud and dust on the grease fitting.

Grease grade:
Lithium base chassis grease (NLGI No.2)



(b) Tightening bolts for propeller shaft (See page [PR-7](#)).