MAINTENANCE CHASSIS GENERAL MAINTENANCE

PROCEDURE

■ 1.INSPECT POWER STEERING FLUID

 Inspect the power steering fluid (See page Steering>POWER ASSIST SYSTEMS>POWER STEERING SYSTEM>ON-VEHICLE INSPECTION).

■ 2.INSPECT STEERING LINKAGE AND GEAR BOX

- a. Check the steering wheel free play.
- **b.** Check the steering linkage for looseness or damage.
 - i. Check that the tie rod ends do not have excessive play.
 - ii. Check that the steering relay rod ends do not have excessive play.
 - iii. Check that the dust seals and boots are not damaged.
 - iv. Check that the boot clamps are not loose.
 - **v.** Check that the steering gear box is not damaged.
 - vi. Check that the connectors are properly connected to the steering gear box.

■ 3.LUBRICATE STEERING KNUCLE, DRAG LINK, KINGPIN, CENTER ARM AND STEERING LINKAGE GREASE

- a. Lubricate the relay rod. Before pumping in grease, wipe off any mud and dust on the grease fitting. Click hereSteering>STEERING GEAR / LINKAGE>STEERING LINKAGE>INSTALLATION
- b. Visually check the steering knuckle for grease leakage. If grease is leaking, find the cause and repair it.

4.LUBRICATE PROPELLER SHAFT AND TIGHTEN BOLTS

a. Lubricate the propeller shaft by referring to the lubrication chart. Before pumping in grease, wipe off any mud and dust on the grease fitting.

Туре	See procedure	
Front	(
Rear	(

b. Tighten the bolts of the propeller shaft.

Туре	See procedure
Front	(
Rear	(

- a. Visually check the transmission for oil leaks. If oil is leaking, find the cause and repair it.
- **b.** Inspect the transmission oil.

Туре	See procedure
H150F	(
R151F	(
)

6.REPLACE MANUAL TRANSMISSION OIL

a. Replace the transmission oil.

Туре	See procedure
H150F	(
R151F	(

■ 7.INSPECT TRANSFER OIL

- a. Visually check the transfer for oil leakage. If fluid is leaking, find the cause and repair it.
- **b.** Inspect the transfer oil.

Туре	See procedure
BF1B	(
HF1A	(
	_)

■ 8.REPLACE TRANSFER OIL

a. Replace the transfer oil.

Туре	See procedure
BF1B	(
HF1A	(

9.INSPECT FRONT DIFFERENTIAL OIL

- a. Visually check the front differential for oil leaks. If oil is leaking, find the cause and repair it.
- b. Inspect the front differential oil (See page Drivetrain>AXLE AND DIFFERENTIAL>DIFFERENTIAL OIL>REPLACEMENT).

■ 10.REPLACE FRONT DIFFERENTIAL OIL

a. Replace the front differential oil (See page Drivetrain>AXLE AND DIFFERENTIAL>DIFFERENTIAL OIL>REPLACEMENT).

■ 11.INSPECT REAR DIFFERENTIAL OIL

- a. Visually check the rear differential for oil leaks. If oil is leaking, find the cause and repair it.
- **b.** Inspect the rear differential oil (See page Drivetrain>AXLE AND DIFFERENTIAL>DIFFERENTIAL OIL>REPLACEMENT).

■ 12.REPLACE REAR DIFFERENTIAL OIL

a. Replace the rear differential oil (See page Drivetrain>AXLE AND DIFFERENTIAL>DIFFERENTIAL OIL>REPLACEMENT).

■ 13.REPLACE WHEEL BEARING GREASE

a. Replace the wheel bearing grease.

Туре	See procedure
Front axle hub	(
Rear axle hub	(

■ 14.INSPECT FRONT AND REAR SUSPENSION

a. Check the Suspension parts for looseness or damage.

b. Inspect the front suspension

Туре		See procedure
Front suspension	a	(
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