

OUTSIDE VEHICLE

GENERAL MAINTENANCE

Performing the following maintenance checks on the vehicle is the owner's responsibility. The owner may perform the maintenance or take the vehicle to a service center. Check the parts of the vehicle described below on a daily basis. In most cases, special tools are not required. It is recommended that the owner performs these checks. The procedures for general maintenance are as follows.

1. GENERAL NOTES

- Maintenance requirements vary depending on the country.
- Check the maintenance schedule in the owner's manual supplement.
- Following the maintenance schedule is mandatory.
- Determine the appropriate time to service the vehicle using either miles driven or months elapsed, whichever reaches the specification first.
- Maintain similar intervals between periodic maintenance, unless otherwise noted.
- Failing to check each vehicle part could lead to poor engine performance and increase exhaust emissions.

2. TIRES

- (a) Check the tire inflation pressure with a gauge. Make adjustments if necessary.
- (b) Check the surfaces of the tires for cuts, damage or excessive wear.

3. WHEEL NUTS

- (a) Check for nuts that are loose or missing. Tighten them if necessary.

4. TIRE ROTATION (See page [TW-1](#))

5. WINDSHIELD WIPER BLADES

- (a) Check the blades for wear or cracks whenever they are unable to wipe the windshield clean. Replace them if necessary.

6. FLUID LEAKS

- (a) Check under the vehicle for leaking fuel, oil, water and other fluids.

NOTICE:

If you smell gasoline fumes or notice any leaks, locate the cause and correct it.

7. DOORS AND ENGINE HOOD

- (a) Check that all of the doors and the hood operate smoothly and that all the latches lock securely.
- (b) When the primary latch is released, check that the engine hood secondary latch prevents the hood from opening.

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INSIDE VEHICLE

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2. LIGHTS

- (a) Check that the headlights, stop lights, taillights, turn signal lights, and other lights illuminate or blink properly. Also, check if they have enough brightness.
- (b) Check that the headlights are aimed properly.

3. WARNING LIGHTS AND BUZZERS

- (a) Check that all the warning lights and buzzers are working.

4. HORNS

- (a) Check that the horn is working.

5. WINDSHIELD GLASS

- (a) Check for scratches, pits or abrasions.

6. WINDSHIELD WIPERS AND WASHER

- (a) Check that the windshield washers are aimed properly. Also, check that the center stream of washer fluid sprays on the windshield within the operating range of the wipers.
- (b) Check if the wipers streak or not.

7. WINDSHIELD DEFROSTER

- (a) When the heater or air conditioning is on the defroster setting, check if air comes out of the defroster outlet.

8. REAR VIEW MIRROR

- (a) Check that the rear view mirror is securely mounted.

9. SUN VISORS

- (a) Check that the sun visors move freely and are securely mounted.

10. STEERING WHEEL

- (a) Check that the steering wheel has the proper amount of free play. Also check for steering difficulty, free play in the steering wheel and unusual noises.

11. SEATS

- (a) Check that all front seat controls such as seat adjusters, seatback recliner, etc. operate smoothly.
- (b) Check that all latches lock securely in any position.
- (c) Check that the headrests move up and down smoothly and that the locks hold securely in any latch position.
- (d) For folding-down rear seatbacks, check that the latches look securely.

12. SEAT BELTS

- (a) Check that the seat belt system such as the buckles, retractors and anchors operate properly and smoothly.
- (b) Check that the belt webbing is not cut, frayed, worn or damaged. Replace if necessary.

13. ACCELERATOR PEDAL

- (a) Check that the accelerator pedal operates smoothly. In other words, check that the pedal does not have uneven pedal resistance or become stuck in certain positions.

14. BRAKE PEDAL

- (a) Check that the brake pedal operates smoothly.
- (b) Check that the pedal has the proper reserve distance and free play.
- (c) Start the engine and check the brake booster function.

15. BRAKES

- (a) In a safe place, check that the vehicle remains straight when applying the brakes.

16. PARKING BRAKE

- (a) Check that the parking brake lever has the proper amount of travel (see page [PB-4](#)).
- (b) On a safe incline, check that the vehicle is held securely with only the parking brake applied.

17. AUTOMATIC TRANSMISSION "PARK" MECHANISM

- (a) Check the lock release button of the shift lever for proper and smooth operation.
- (b) When the shift lever is in the P position and all brakes are released on a low incline, check that the vehicle is stable.

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UNDER HOOD

GENERAL MAINTENANCE

1. GENERAL NOTES

- Maintenance requirements vary depending on the country.
- Check the maintenance schedule in the owner's manual supplement.
- Following the maintenance schedule is mandatory.
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- Maintain similar intervals between periodic maintenance, unless otherwise noted.
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2. WINDSHIELD WASHER FLUID

- (a) Check that there is sufficient fluid in the tank.

3. ENGINE COOLANT LEVEL

- (a) Check that the coolant level is between the "FULL" and "LOW" lines on the see-through reservoir.

4. RADIATOR AND HOSES

- (a) Check that the front of the radiator is clean and not blocked by leaves, dirt or bugs.
- (b) Check the hoses for cracks, kinks, rot or loose connections.

5. BATTERY ELECTROLYTE LEVEL

- (a) Check that the electrolyte level of all the battery cells is between the upper and lower level lines on the case.

6. BRAKE FLUID LEVEL

- (a) Check that the brake fluid levels are near the upper level lines on the see-through reservoirs.

7. ENGINE DRIVE BELT

- (a) Check the drive belt for fraying, cracks, wear or oiliness.

8. ENGINE OIL LEVEL

- (a) Check the level on the dipstick with the engine stopped.

9. INSPECT POWER STEERING FLUID LEVEL

- (a) Check the level on the dipstick.

NOTICE:

The level should be in the "HOT" or "COLD" range depending on the fluid temperature.

10. AUTOMATIC TRANSMISSION FLUID LEVEL

- (a) Check the level of the automatic transmission fluid.

Type	See Procedure
A750E	See page AT-141
A750F	See page AT-148

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MAINTENANCE – UNDER HOOD**MA-5****11. EXHAUST SYSTEM**

- (a) Visually inspect for cracks, holes or loose supports.
HINT:
If any change in the sound of the exhaust or smell of the exhaust fumes is noticed, have the cause inspected and repaired.

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ENGINE

GENERAL MAINTENANCE

HINT:

Inspect these items when the engine is cold.

1. **INSPECT TIMING CHAIN** (See page [EM-27](#))
2. **INSPECT VALVE CLEARANCE** (See page [EM-9](#))
3. **INSPECT DRIVE BELT** (See page [EM-6](#))
4. **REPLACE ENGINE OIL AND OIL FILTER** (See page [LU-4](#))
5. **REPLACE ENGINE COOLANT** (See page [CO-3](#))
6. **INSPECT EXHAUST PIPES AND MOUNTINGS**
 - (a) Visually inspect the pipes, hangers and connections for severe corrosion, leaks or damage.
7. **INSPECT AIR CLEANER FILTER**
 - (a) Remove the air cleaner case and air cleaner filter.
 - (b) Visually check that the air cleaner filter is not excessively damaged or oily.
If necessary, replace the air cleaner filter with a new one.
 - (c) Clean the filter with compressed. First blow from the inside thoroughly, then blow off the outside of the filter.
 - (d) Reinstall the air cleaner filter and air cleaner case.
8. **INSPECT FUEL LINES, CONNECTIONS AND FUEL TANK VAPOR VENT SYSTEM HOSES AND FUEL TANK BAND**
 - (a) Visually inspect the fuel lines for cracks, leakage loose connections, deformation or tank band looseness.
9. **INSPECT GASKET IN FUEL TANK CAP**
 - (a) Visually check if the cap and / or gasket are deformed or damaged.
If necessary, repair or replace the cap.
10. **REPLACE SPARK PLUGS** (See page [IG-5](#))
11. **INSPECT CHARCOAL CANISTER**

HINT:
For vehicles registered in California, Massachusetts and New York only.

 - (a) Check the canister for cracks or damage (see page [EC-10](#)).

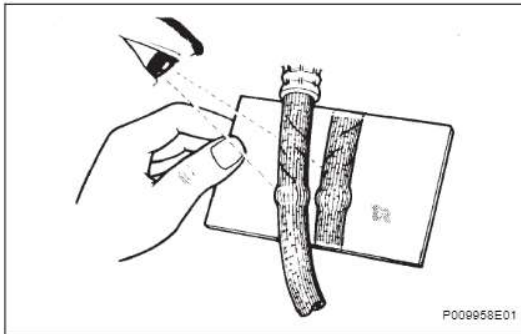
BRAKE

GENERAL MAINTENANCE

1. INSPECT BRAKE LINE PIPES AND HOSES

HINT:

Check in a well lighted area. Check the entire circumference and length of the brake hoses using a mirror as necessary. Turn the front wheels fully right or left before checking the front brakes.



(a) Check all brake lines and hoses for:

- Damage
- Wear
- Deformation
- Cracks
- Corrosion
- Leaks
- Bends
- Twists

(b) Check all clamps for tightness and connections for leakage.

(c) Check that the hoses and lines are clear of sharp edges, moving parts and the exhaust system.

(d) Check that the lines installed in the grommets pass through the center of the grommets.

2. INSPECT FRONT BRAKE

(a) Check the front brake pads and discs (see page [BR-43](#)).

3. INSPECT REAR BRAKE

(a) Check the rear brake pads and discs (see page [BR-51](#)).

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CHASSIS

GENERAL MAINTENANCE

1. INSPECT STEERING LINKAGE

- (a) Check the steering linkage for looseness or damage.
 - (1) Check that the tie rod ends do not have excessive play.
 - (2) Check that the dust seals and boots are not damaged.
 - (3) Check that the boot clamps are not loose.
- (b) Inspect the dust cover for damage.

2. INSPECT STEERING GEAR HOUSING OIL

- (a) Check the steering gear housing for oil leakage. If leakage is found, check for the cause and repair it.

3. INSPECT BALL JOINT AND DUST COVER

- (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.

4. INSPECT DRIVE SHAFT BOOTS (for 4WD)

- (a) Inspect the drive shaft boots for clamp looseness, grease leakage or damage.

5. INSPECT TRANSFER OIL (for 4WD)

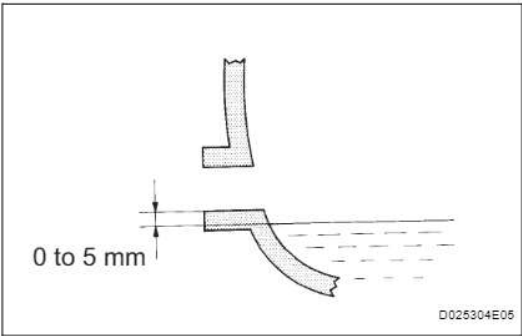
- (a) Remove the filler plug and feel inside the hole with your finger. Check that the oil comes to within 5 mm (0.20 in.) of the bottom edge of the hole. If the level is low, add oil until it begins to run out of the filler hole.

6. INSPECT DIFFERENTIAL OIL

- (a) 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.

7. REPLACE AUTOMATIC TRANSMISSION FLUID LEVEL

- (a) Check the level of the automatic transmission fluid.



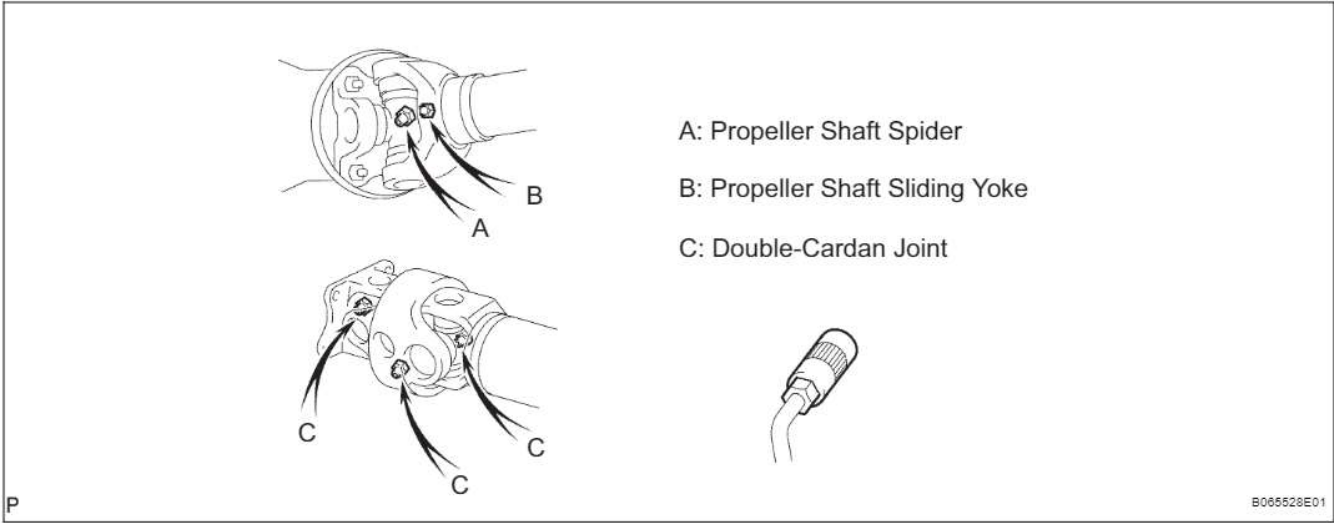
Type	See Procedure
A750E	See page AT-141
A750F	See page AT-148

MAINTENANCE – CHASSIS

8. LUBRICATE PROPELLER SHAFT AND TIGHTEN BOLTS

- (a) 4WD:
- (1) Lubricate propeller shaft, referring to the lubrication chart. Before pumping in grease, wipe off any mud and dust on the grease fitting.
- Grease grade:**
- Spider:**
Lithium base chassis grease (NLGI No.2)
- Slide yoke and double-cardan joint:**
Molybdenum dialulphide lithium base chassis grease (NLGI No.2)

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(b) Tighten the bolts of the propeller shaft.

Type	See Procedure
Front propeller shaft	See page PR-6
Rear propeller shaft (for 2WD)	See page PR-14
Rear propeller shaft (for 4WD)	See page PR-14

9. INSPECT MANUAL TRANSMISSION OIL (See page [MT-2](#))

BODY

GENERAL MAINTENANCE

1. INSPECT BOLTS AND NUTS ON CHASSIS AND BODY

- (a) In addition to the scheduled maintenance items, check for loose or missing bolts and nuts of the following.

Canada:

- Steering system
- Drive train
- Suspension system
- Fuel tank mounts
- Engine mounts, etc.

2. FINAL INSPECTION

- (a) Check the operation of the body parts:

(1) Hood:

- Auxiliary catch operates properly
- Hood locks securely when closed

(2) Front and rear doors:

- Door locks operate properly
- Doors close properly

(3) Back door:

- Door lock operates properly

(4) Seats:

- Seat adjusts easily and locks securely in any position
- Front seatback locks securely in any position
- Folding down rear seatbacks lock securely.

- (b) Be sure to deliver a clean car. Especially check:

- Steering wheel
- Shift lever knob
- All switch knobs
- Door handles
- Seats