

MAINTENANCE

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MA

GENERAL NOTES:

- Every service item in the periodic maintenance list must be performed.
- Failure to do even one item can cause the engine to run poorly and increase exhaust emissions.

MAINTENANCE SCHEDULE

Maintenance operations: A = Check and/or adjust if necessary;
 R = Replace, change or lubricate;
 I = Inspect and correct or replace if necessary

NORMAL CONDITION SCHEDULE

| System | Service interval (Odometer reading or months, whichever comes first) | Maintenance services beyond 60,000 miles (96,000 km) should be performed at the same intervals shown in each maintenance schedule. | | | | | | | See page (item No.) |
|----------|--|--|----|----|----|----|----|----|-----------------------------------|
| | | Miles × 1,000 | 10 | 20 | 30 | 40 | 50 | 60 | |
| | | Km × 1,000 | 16 | 32 | 48 | 64 | 80 | 96 | |
| | | Months | 12 | 24 | 36 | 48 | 60 | 72 | |
| ENGINE | Valve clearance** | | | | A | | | A | MA-6 (item 12) |
| | Drive belts ⁽¹⁾ | | | | I | | | I | MA-4 (item 1) |
| | Engine oil and oil filter** | | R | R | R | R | R | R | MA-5 (item 6) |
| | Engine coolant ⁽²⁾ | | | | | | | R | MA-5 (item 7) |
| | Exhaust pipes and mountings | | | | I | | | I | MA-6 (item 11) |
| FUEL | Idle speed* ⁽³⁾ | | A | | A | | | A | MA-7 (item 13) |
| | Air filter** | | | | R | | | R | MA-5 (item 5) |
| | Fuel lines and connections | | | | I | | | I | MA-6 (item 10) |
| | Fuel filler cap gasket | | | | | | | R | MA-6 (item 9) |
| IGNITION | Spark plugs** | | | | R | | | R | MA-4 (item 2) |
| EVAP | Charcoal canister | | | | | | | I | MA-5 (item 8) |
| BRAKES | Brake linings and drums (ex. IRS) | | | I | | I | | I | MA-8 (item 15) |
| | Parking brake lining and drums (w/IRS only) | | | I | | I | | I | MA-8 (item 16) |
| | Brake pads and discs | | | I | | I | | I | MA-8 (item 17) |
| | Brake line pipes and hoses | | | I | | I | | I | MA-7 (item 14) |
| CHASSIS | Steering linkage | | | I | | I | | I | MA-9 (item 18) |
| | Ball joints and dust covers | | | I | | I | | I | MA-9 (item 20) |
| | Automatic transmission, manual transmission, differential and steering gear housing oil | | | I | | I | | I | MA-9 (item 19) MA-10 (item 22) |
| | Front and rear (IRS only) wheel bearing grease ⁽⁴⁾ | | | | | R | | | MA-10 (item 21) |
| | Bolts and nuts on chassis and body | | | I | | I | | I | MA-11 (item 25) |

Maintenance services indicated by a star (*) or asterisk (**) are required under the terms of the Emission Control Systems Warranty. See Owner's Guide for complete warranty information.

- * For vehicles sold in California
- ** For vehicles sold outside California

NOTE:

- (1) After 60,000 miles (96,000 km) or 72 months, inspect every 10,000 miles (16,000 km) or 12 months.
- (2) After 60,000 miles (96,000 km) or 72 months, replace every 30,000 miles (48,000 km) or 36 months.
- (3) After 30,000 miles (48,000 km) or 36 months, adjust every 30,000 miles (48,000 km) or 36 months. Maintenance services performed only at 30,000 miles (48,000 km) or 36 months under the terms of the Emission Control Systems Warranty.
- (4) Change every 40,000 miles (64,000 km) or 48 months.

Follow the severe condition schedule if vehicle is operated mainly under one or more of the following severe conditions:

- Pulling a trailer
- Repeated short trips
- Driving on rough and/or muddy roads
- Driving on dusty roads
- Driving in extremely cold weather and/or on salted roads

SEVERE CONDITION SCHEDULE

| System | Service interval (Odometer reading or months, whichever comes first) | Maintenance services beyond 60,000 miles (96,000 km) should be performed at the same intervals shown in each maintenance schedule. | | | | | | | | | | | | | | | | See page (item No.) | |
|----------|---|--|---------------|----|----|----|----|----|----|----|----|----|----|----|--|--|--|------------------------|--|
| | | Maintenance items | Miles × 1,000 | | | | | | | | | | | | | | | | |
| | | | Km × 1,000 | | | | | | | | | | | | | | | | |
| | | | Months | | | | | | | | | | | | | | | | |
| | | | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | | | | | |
| | | | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 | 88 | 96 | | | | | |
| | | | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | | | | | |
| ENGINE | Valve clearance** | | | | | | | A | | | | | | A | MA-6 (item 12) | | | | |
| | Drive belts ⁽¹⁾ | | | | | | | I | | | | | | I | MA-4 (item 1) | | | | |
| | Engine oil and oil filter** | | R | R | R | R | R | R | R | R | R | R | R | R | MA-5 (item 6) | | | | |
| | Engine coolant ⁽²⁾ | | | | | | | | | | | | | R | MA-5 (item 7) | | | | |
| | Exhaust pipes and mountings | | | | I | | | I | | | I | | | I | MA-6 (item 11) | | | | |
| FUEL | Idle speed ^{*(3)} | | | A | | | | A | | | | | | A | MA-7 (item 13) | | | | |
| | Air filter** ⁽⁷⁾ | | I | I | I | I | I | R | I | I | I | I | I | R | MA-5 (item 4, 5) | | | | |
| | Fuel lines and connections | | | | | | | I | | | | | | I | MA-6 (item 10) | | | | |
| | Fuel filler cap gasket | | | | | | | | | | | | | R | MA-6 (item 9) | | | | |
| IGNITION | Spark plugs** | | | | | | | R | | | | | | R | MA-4 (item 2) | | | | |
| | Ignition wiring and distributor cap** | | I (4) | | | | | | | | | | | | MA-4 (item 3) | | | | |
| EVAP | Charcoal canister | | | | | | | | | | | | | I | MA-5 (item 8) | | | | |
| BRAKES | Brake linings and drums (ex. IRS) | | | I | | I | | I | | I | | I | | I | MA-8 (item 15) | | | | |
| | Parking brake lining and drums (w/IRS only) | | | I | | I | | I | | I | | I | | I | MA-8 (item 16) | | | | |
| | Brake pads and discs | | | I | | I | | I | | I | | I | | I | MA-8 (item 17) | | | | |
| | Brake line pipes and houses | | | | | I | | | | I | | | | I | MA-7 (item 14) | | | | |
| CHASSIS | Steering linkage ⁽⁸⁾ | | | I | | I | | I | | I | | I | | I | MA-9 (item 18) | | | | |
| | Ball joints and dust covers | | | I | | I | | I | | I | | I | | I | MA-9 (item 20) | | | | |
| | Automatic transmission, manual transmission, differential and steering gear housing ⁽⁵⁾ oil | | | | | R | | | | R | | | | R | MA-9 (item 19) MA-11 (item 23) MA-11 (item 24) | | | | |
| | Front and rear (IRS only) wheel bearing grease ⁽⁶⁾ | | | | | | | | | R | | | | | MA-10 (item 21) | | | | |
| | Bolts and nuts on chassis and body ⁽⁸⁾ | | | I | | I | | I | | I | | I | | I | MA-11 (item 25) | | | | |

Maintenance services indicated by a star (*) or asterisk (*) are required under the terms of the Emission Control Systems Warranty. See Owner's Guide for complete warranty information.

- * For vehicles sold in California
- * For vehicles sold outside California

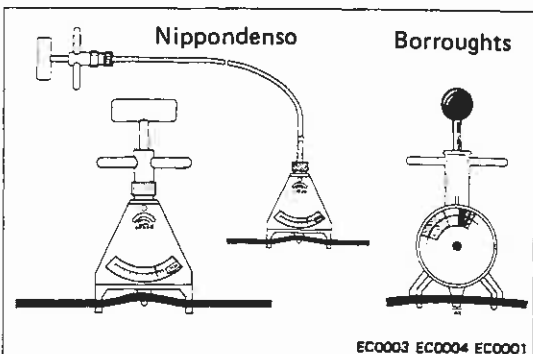
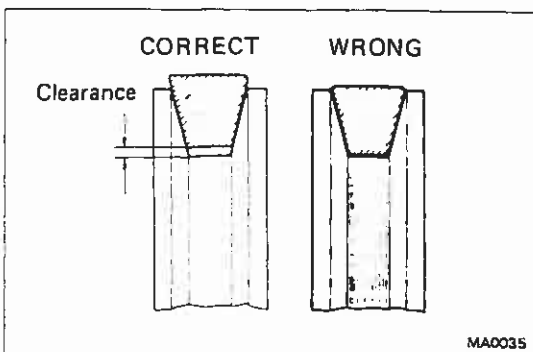
NOTE:

- (1) After 60,000 miles (96,000 km) or 72 months, inspect every 10,000 miles (16,000 km) or 12 months.
- (2) After 60,000 miles (96,000 km) or 72 months, replace every 30,000 miles (48,000 km) or 36 months.
- (3) After 30,000 miles (48,000 km) or 36 months, adjust every 30,000 miles (48,000 km) or 36 months. Maintenance services performed only at 30,000 miles (48,000 km) or 36 months under the terms of the Emission Control Systems Warranty.
- (4) In areas where road salt is used, inspect and clean each year just after the snow season.
- (5) Inspect the steering gear housing for oil leakage only.
- (6) Change every 40,000 miles (64,000 km) or 48 months.
- (7) Applicable when operating mainly on dusty roads. If not, follow the normal condition schedule.
- (8) Applicable when operating mainly on rough and/or muddy roads. If not, follow the normal condition schedule.

MAINTENANCE OPERATIONS

ENGINE

Cold Engine Operations



1. INSPECT DRIVE BELTS

- Visually check the drive belt for cracks, oiliness or wear. Check that the belt does not touch the bottom of the pulley groove.

If necessary, replace the drive belt.

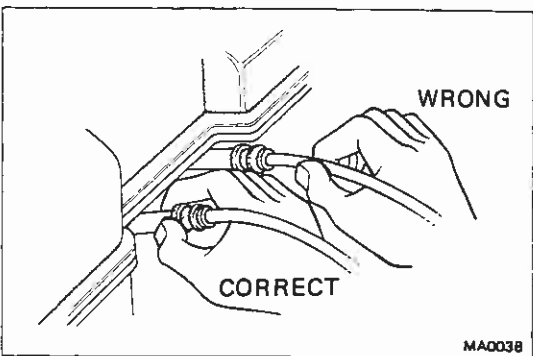
- Using a belt tension gauge, check the drive belt tension.

Belt tension gauge:

| | |
|-------------|-------------------------|
| Nippondenso | BTG-20 (95506-00020) or |
| Borroughs | No. BT-33-73F |

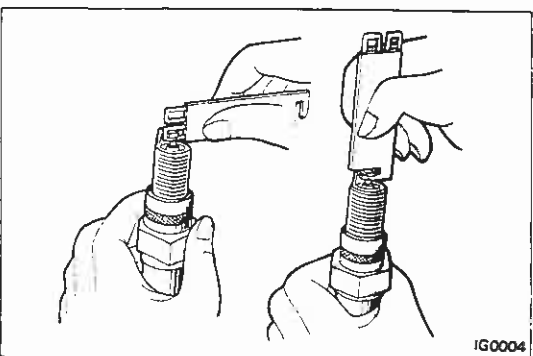
| | | |
|---------------------|-----------|-----------------|
| Drive belt tension: | Used belt | 80 ± 20 lb |
| | New belt | 125 ± 25 lb |

If necessary, adjust the drive belt tension.



2. REPLACE SPARK PLUGS

- Disconnect the spark plug wires at the boot. DO NOT pull on the wires.
- Remove the spark plugs.

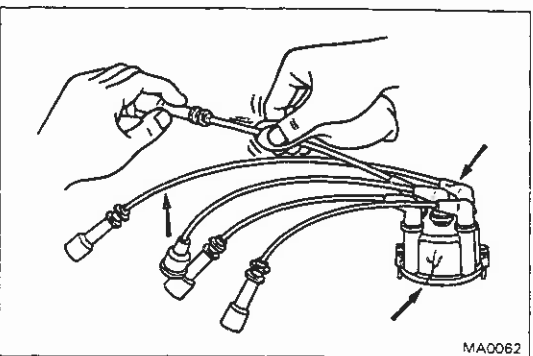


- Check the gap on the new plugs.

Gap: 0.8 mm (0.031 in.)

Recommended spark plugs:

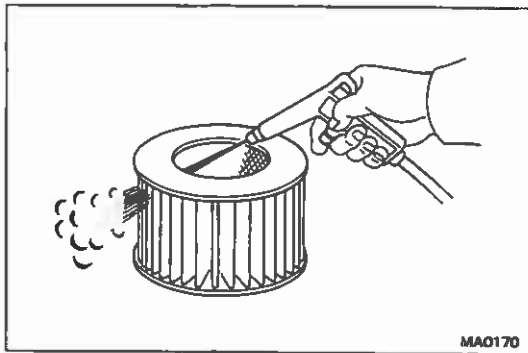
| | |
|-----|----------|
| ND | W16EXR-U |
| NGK | BPR5EY |



3. INSPECT IGNITION WIRING AND DISTRIBUTOR CAP

- Remove the distributor cap with wire.
- Clean the distributor cap and wires with a clean cloth.
- Visually inspect the wiring for cracks or damage.
- Visually inspect the cap for cracks, carbon tracks or wear.

NOTE: In areas where road salt is used, inspection and cleaning should be performed each year just after the snow season.



4. INSPECT AIR FILTER

- (a) Visually check that the air cleaner element is not excessively dirty, damaged or oily.
- (b) Clean the element with compressed air. First blow from the inside thoroughly. Then blow off the outside of the element.

5. REPLACE AIR FILTER

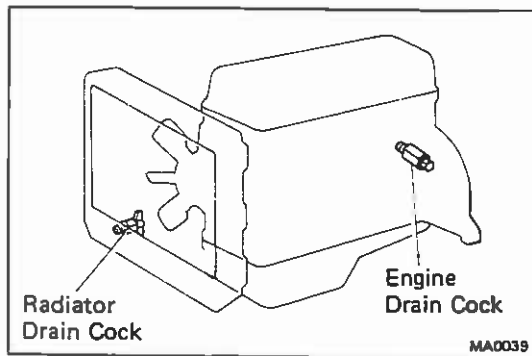
Replace the air cleaner element with a new one.

6. REPLACE ENGINE OIL AND OIL FILTER (See page LU-3)

Engine oil grade:

API grade SF or SF/CC, multigrade viscosity and fuel-efficient oil.

Engine oil capacity (Drain and refill with oil filter change):
4.6 liters (4.9 US qts, 4.0 Imp. qts)

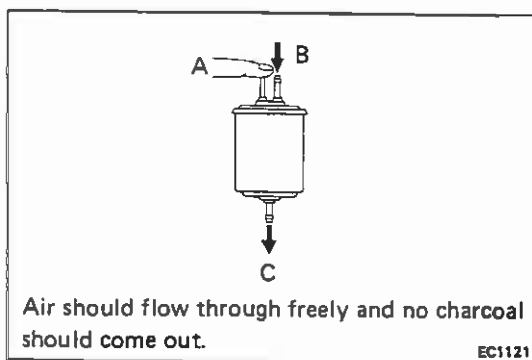


7. REPLACE ENGINE COOLANT

- (a) Drain the coolant from the radiator and engine drain cocks. (Engine drain is at left rear of engine block.)
- (b) Close the drain cocks.
- (c) Fill system with coolant.

Coolant capacity (w/ heater or air conditioner):
8.4 liters (8.9 US qts, 7.4 Imp. qts)

Use a good brand of ethylene-glycol base coolant, mixed according to the manufacturer's instructions.



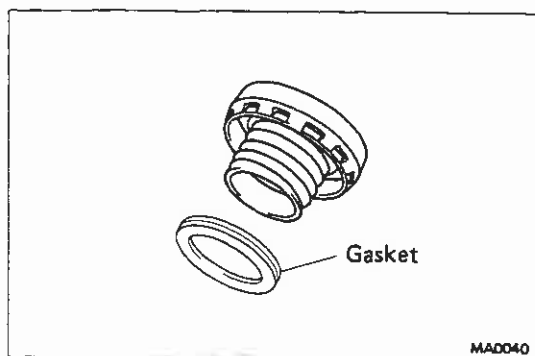
8. INSPECT CHARCOAL CANISTER

- (a) Disconnect the hoses to the charcoal canister. Label hoses for correct installation.
- (b) Plug pipes A with your finger and blow compressed air (3 kg/cm², 43 psi or 294 kPa) through pipe B (fuel tank side).
 - Check that air comes out of the bottom pipe C without resistance.
 - Check that no activated charcoal comes out.

If necessary, replace the charcoal canister.

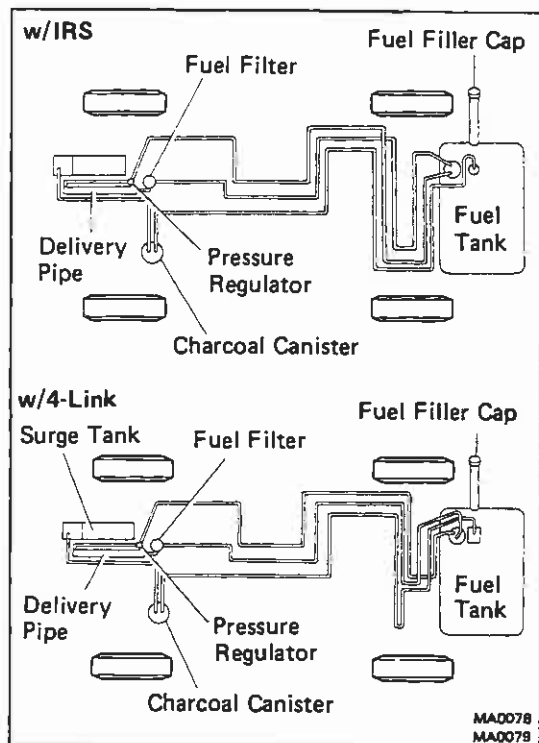
NOTE: Do not attempt to wash the charcoal.

- (c) Connect the hoses to the charcoal canister.



9. REPLACE GASKET IN FUEL FILLER CAP

- (a) Remove the old gasket (O-ring) from the fuel filler cap.
Do not damage the cap.
- (b) Install the new gasket by hand.
- (c) Inspect the cap for damage or cracks.
- (d) Install the cap and check the torque limiter.



10. INSPECT FUEL LINES AND CONNECTIONS

Visually inspect the fuel lines for cracks, leakage, loose connections, deformation or tank band looseness.

11. INSPECT EXHAUST PIPES AND MOUNTINGS

Visually inspect the pipes, hangers, and connections for severe corrosion, leaks or damage.

Hot Engine Operations

12. ADJUST VALVE CLEARANCE

- (a) Warm up the engine to normal operating temperature.
- (b) Stop the engine and remove the valve cover.
- (c) Adjust the valve clearance.
(See pages EM-25, 26)

Valve clearance: Intake 0.20 mm (0.008 in.)
Exhaust 0.30 mm (0.012 in.)

- (d) Reinstall the valve cover and air intake connector.

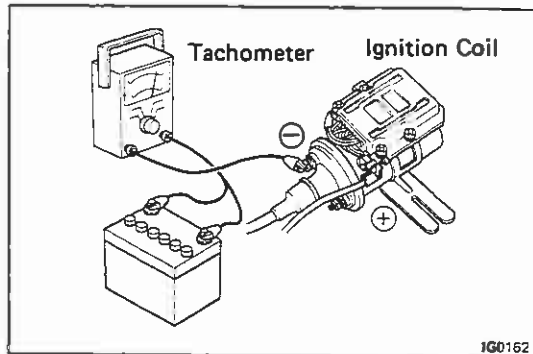
13. ADJUST IDLE SPEED

(a) Preparation

- Air cleaner installed
- All pipes and hoses of air intake system connected
- All vacuum lines connected (i.e. SC, EGR systems, etc.)
- EFI system wiring connectors fully plugged
- Engine at normal operating temperature
- Accessories switch off
- Transmission in N range

(b) Connect a tachometer to the engine.

Connect the tachometer positive (+) terminal to the ignition coil negative (−) terminal.



CAUTION:

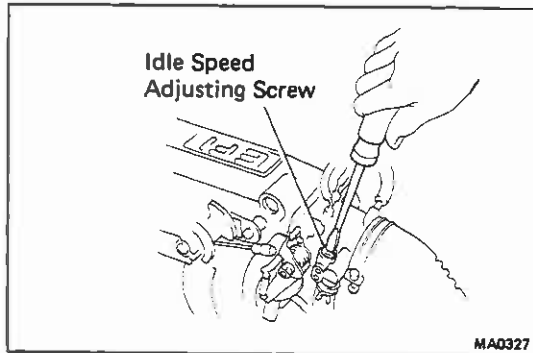
1. **NEVER** allow the tachometer terminal to touch ground as it could result in damage to the igniter and/or ignition coil.
2. As some tachometers are not compatible with this ignition system, it is recommended that you consult with the manufacturer.

(c) Race the engine at 2,500 rpm for about 2 minutes.

(d) Set the idle speed by turning the IDLE SPEED ADJUSTING SCREW.

Idle speed: 750 rpm

(e) Remove the tachometer.



BRAKES

14. INSPECT BRAKE LINE PIPES AND HOSES

NOTE: Inspect in a well lighted area. Inspect the entire circumference and length of the brake hoses using a mirror as required. Turn the front wheels fully right or left before inspecting the front brake.

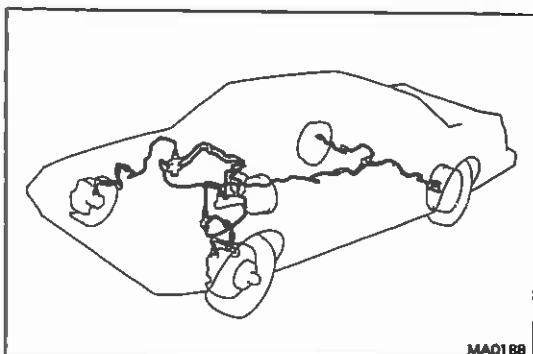
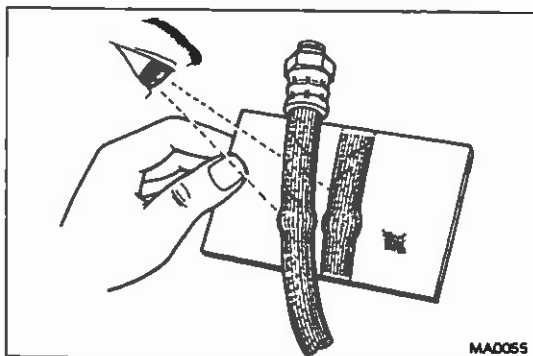
(a) Check all brake lines and hoses for:

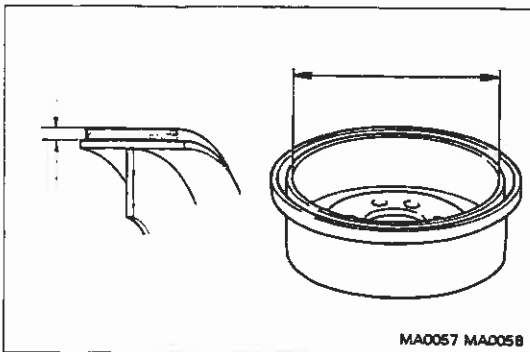
- | | |
|---------------|-------------|
| • Damage | • Corrosion |
| • Wear | • Leaks |
| • Deformation | • Bends |
| • Cracks | • Twists |

(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 grommets, pass through the center of the grommets.





15. INSPECT REAR BRAKE LININGS AND DRUMS (EXCEPT IRS)

- (a) Check the linings for wear.

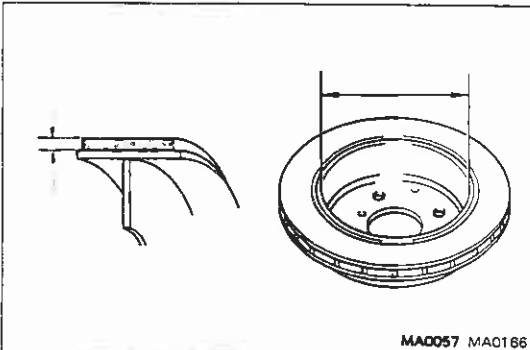
Minimum lining thickness: 1.0 mm (0.039 in.)

- (b) Check the brake drums for scoring or wear.

Maximum drum inside diameter: 230.6 mm (9.079 in.)

- (c) Clean the brake parts with a damp cloth.

NOTE: Do not use compressed air to clean brake parts.



16. w/IRS ONLY:

INSPECT PARKING BRAKE LININGS AND DRUMS

- (a) Check the lining-to-drum contact condition and lining wear.

Minimum lining thickness: 1.0 mm (0.039 in.)

- (b) Check the brake drums for scoring or wear.

Maximum drum inside diameter: 168 mm (6.61 in.)

- (c) Clean the brake parts with a damp cloth.

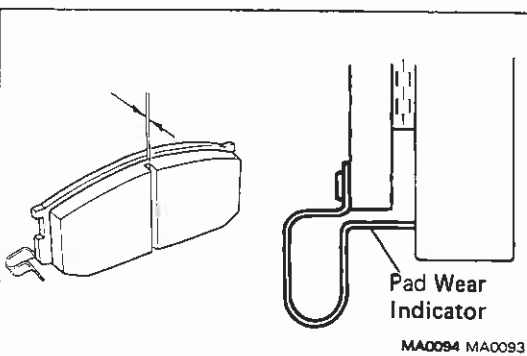
NOTE: Do not use compressed air to clean the brake parts.

- (d) Bed down parking brake shoes and drum.

When performing the road test in item 26, do the following:

- Drive the vehicle at about 30 mph (50 km/h) on a safe, level and dry road.
- With the parking brake release button pushed in, pull on the lever with 20 lb (9 kg, 88 N) of force.
- Drive the vehicle for about 1/4 mile (400 meters) in this condition.
- Repeat this procedure 2 or 3 times.
- Check parking brake lever travel.

If necessary, adjust the parking brake.



17. INSPECT FRONT AND REAR (IRS ONLY) BRAKE PADS AND DISCS

- (a) Check the thickness of the disc brake pads and check for irregular wear.

Minimum pad thickness: 3.0 mm (0.118 in.)

NOTE: If a squealing or scraping noise occurs from the front and rear brake during driving, check the pad wear indicator.

If there are traces of the indicator contacting the disc rotor, the disc pad should be replaced.

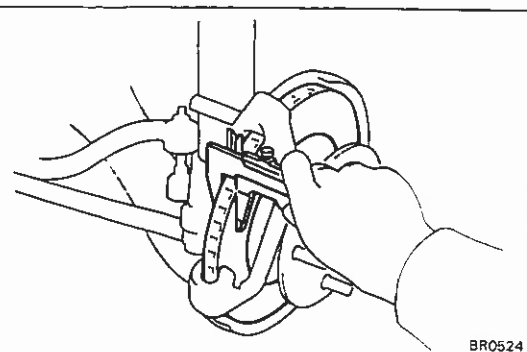
- (b) Check the disc for wear or runout.

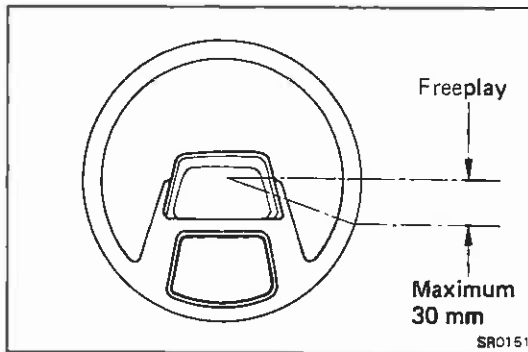
Minimum disc thickness:

Front 19.0 mm (0.748 in.)

Rear 17.0 mm (0.669 in.) — w/IRS only

Maximum disc runout: 0.15 mm (0.0059 in.)





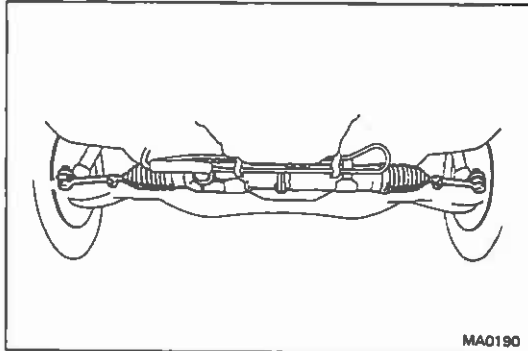
CHASSIS

18. INSPECT STEERING LINKAGE

- (a) Check that the steering wheel freeplay.

Maximum steering wheel freeplay: 30 mm (1.18 in.)

With the vehicle stopped and pointed straight ahead, rock the steering wheel gently back and forth with light finger pressure.

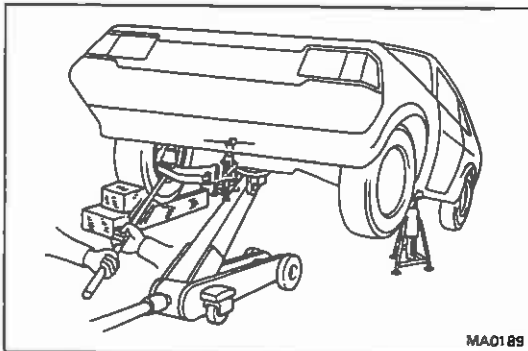


- (b) Check the steering linkage for looseness and damage. Check that:

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

19. INSPECT STEERING GEAR HOUSING

Check the steering gear housing for oil leakage.



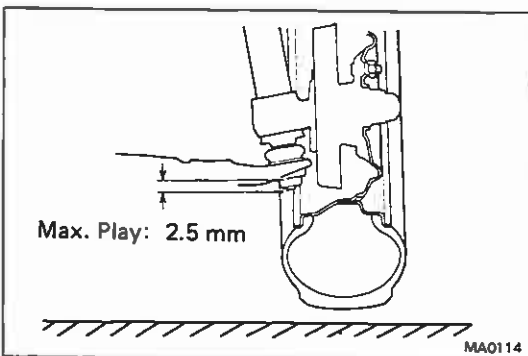
20. INSPECT BALL JOINTS AND DUST COVERS

- (a) Inspect the ball joints for excessive looseness.

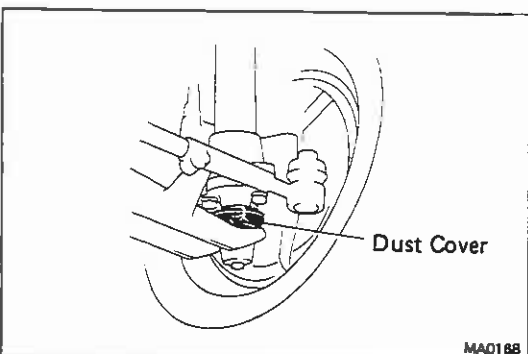
- Jack up the front of the vehicle and place a wooden block with a height of 180 – 200 mm (7.09 – 7.87 in.) under one front tire.
- Lower the jack until there is about half a load on the front coil springs. Place stands under the vehicle for safety.
- Make sure the front wheels are in a straight-forward position, and block them with chocks.
- Using a lever, pry up the end of the lower arm, and check the amount of play.

Maximum ball joint vertical play: 2.5 mm (0.098 in.)

If excessive play is found, replace the ball joints.



- (b) Inspect the dust cover for damage.



SEE PAGES FA-6 to 9

SEE PAGES RA-8 to 14

21. REPACK FRONT AND REAR (IRS ONLY) WHEEL BEARINGS

- (a) Change the front wheel bearing grease.
(See pages FA-6 to 9)

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

Front wheel bearing friction preload (while turning):

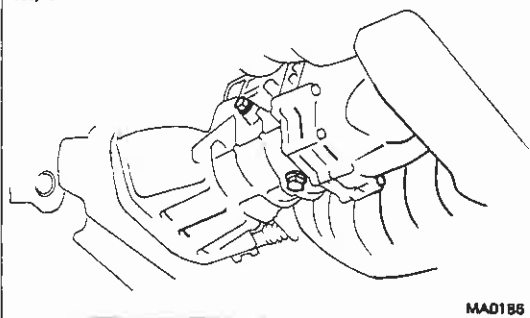
0 – 1,050 g (0 – 2.3 lb, 0 – 10 N)

In addition to oil seal frictional force

NOTE: If IRS type rear suspension is installed, change the rear wheel bearing grease also.

- (b) Change the rear wheel bearing grease.
(See pages RA-8 to 14)

M/T



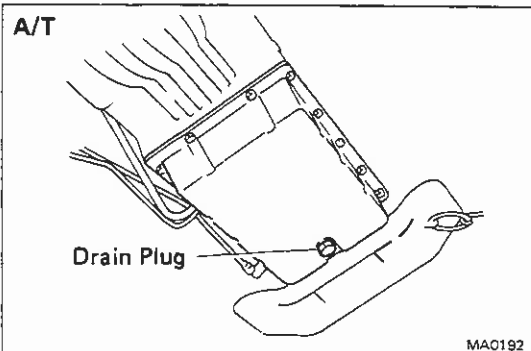
MA0185

22. CHECK TRANSMISSION (A/T OR M/T) AND DIFFERENTIAL OIL

Visually check the transmission (A/T or M/T) and differential for oil leakage.

If leakage is found, check for cause and repair.

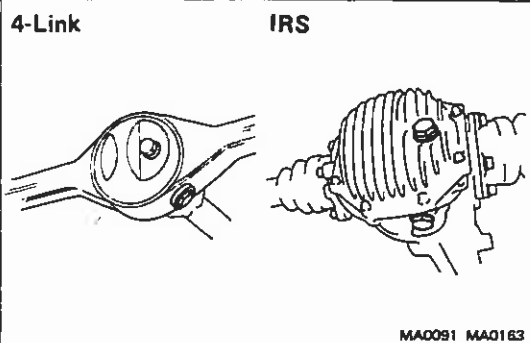
A/T



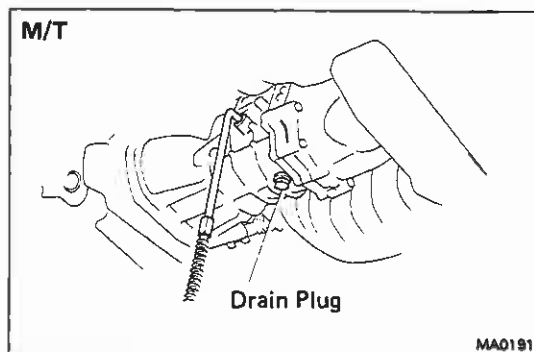
MA0192

4-Link

IRS



MA0091 MA0163



23. REPLACE MANUAL TRANSMISSION AND DIFFERENTIAL OIL

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

Transmission oil—

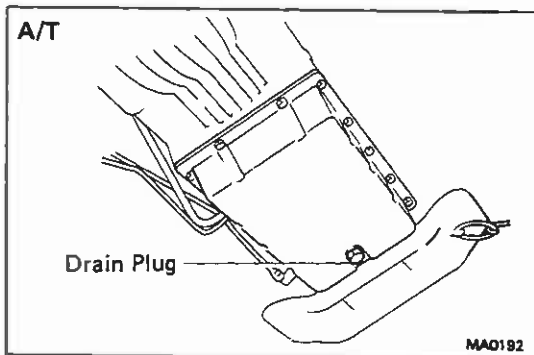
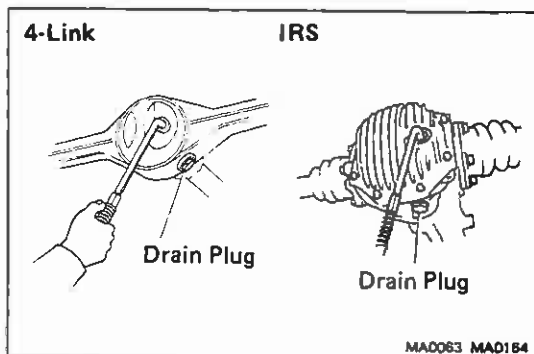
Oil grade: API GL-4 or GL-5
 Viscosity: SAE 75W-90 or 80W-90
 Capacity: 2.4 liters (2.5 US qts, 2.1 Imp. qts)

Differential oil—

Oil grade: API GL-5 hypoid gear oil
 Viscosity: Above -18°C (0°F) SAE 90
 Below -18°C (0°F) SAE 80W-90 or 80W

Capacity:

4-Link 1.3 liters (1.4 US qts, 1.1 Imp. qts)
 IRS 6.7" 1.0 liters (1.1 US qts, 0.9 Imp. qts)
 7.5" 1.2 liters (1.3 US qts, 1.0 Imp. qts)



24. REPLACE AUTOMATIC TRANSMISSION FLUID

- Remove the drain plug and drain the fluid.
- Reinstall the drain plug securely.
- With the engine OFF, add new fluid through the dipstick tube.

Fluid: ATF DEXRON® II

Drain and refill capacity:

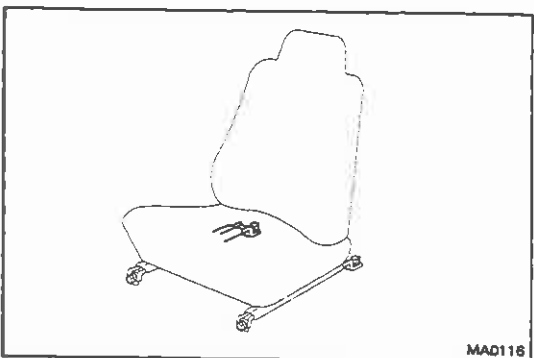
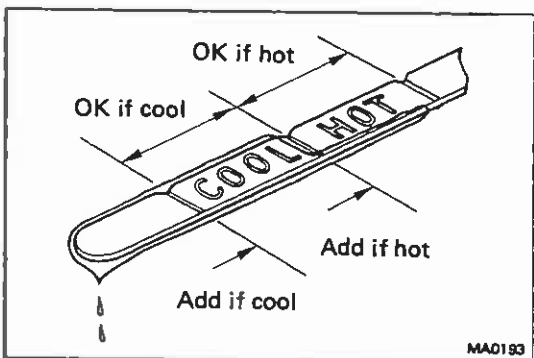
2.4 liters (2.5 US qts, 2.1 Imp. qts)

Dry fill capacity:

6.3 liters (6.7 US qts, 5.5 Imp. qts)

- Start the engine and shift the selector into all positions from P through L, and then shift into P.
- With the engine idling, check the fluid level. Add fluid up to the COOL level on the dipstick.

CAUTION: Do not overfill.

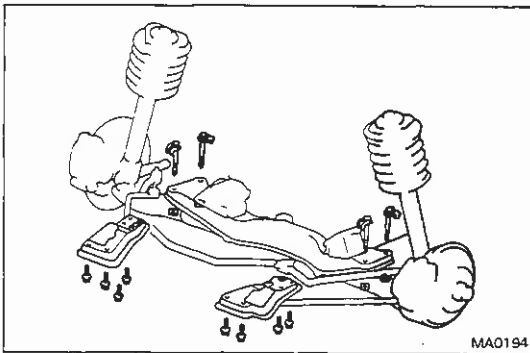


25. TIGHTEN BOLTS AND NUTS ON CHASSIS AND BODY

Tighten the following parts:

- Front seat mounting bolts

Torque: 375 kg-cm (27 ft-lb, 37 N·m)

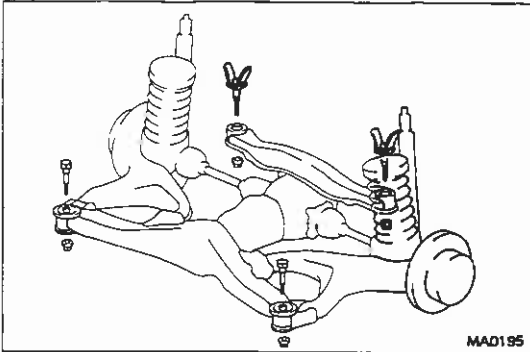


- Front suspension member-to-body mounting bolts and nuts

Torque: 800 kg-cm (58 ft-lb, 78 N·m)

- Strut bar bracket-to-body mounting bolts (LH and RH)

Torque: 425 kg-cm (31 ft-lb, 42 N·m)



- w/IRS only:

Rear suspension member-to-body mounting bolts and nuts

Torque: 1,200 kg-cm (87 ft-lb, 118 N·m)

26. FINAL INSPECTION

(a) Check the operation of the body parts:

- Hood
Auxiliary catch operates properly
Hood locks securely when closed
- Front doors
Door locks operate properly
Doors close properly
- Lift back door
Door lock operates properly
- Seats
Seat adjusts easily and locks securely in any position
Front seat back locks securely at any position
Folding-down rear seat backs lock securely

(b) Road test

- Check the engine and chassis for abnormal noises.
- Check that the vehicle does not wander or pull to one side.
- Check that the brakes work properly and do not drag.
- Perform bedding down of the parking brake shoes and drum. (See page MA-8)

(c) Be sure to deliver a clean car and especially check:

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

GENERAL MAINTENANCE

These are the maintenance and inspection items which are considered to be the owner's responsibility. They can be performed by the owner or he can have them done at a service shop. These items include those which should be checked on a daily basis, those which, in most cases, do not require (special) tools and those which are considered to be reasonable for the owner to perform.

Items and procedures for general maintenance are as follows.

OUTSIDE VEHICLE

1. TIRES

- (a) Check the pressure with a gauge. Adjust if necessary.
- (b) Check for cuts, damage or excessive wear.

2. WHEEL NUTS

When checking the tires, check the nuts for looseness or for missing nuts. If necessary, tighten them.

3. TIRE ROTATION

It is recommended that tires be rotated every 7,500 miles (12,000 km).

4. WINDSHIELD WIPER BLADES

Check for wear or cracks whenever they do not wipe clean. Replace if necessary.

5. FLUID LEAKS

- (a) Check underneath for leaking fuel, oil, water or other fluid.
- (b) If you smell gasoline fumes or notice any leak, have the cause found and corrected.

6. DOORS AND ENGINE HOOD

- (a) Check that all doors including the trunk lid and back door operate smoothly, and that all latches lock securely.
- (b) Check that the engine hood secondary latch secures the hood from opening when the primary latch is released.

INSIDE VEHICLE

7. LIGHTS

- (a) Check that the headlights, stop lights, tail lights, turn signal lights, and other lights are all working.
- (b) Check the headlight aiming.

8. WARNING LIGHTS AND BUZZERS

Check that all warning lights and buzzers function properly.

9. HORN

Check that it is working.

10. WINDSHIELD GLASS

Check for scratches, pits or abrasions.

11. WINDSHIELD WIPER AND WASHER

- (a) Check operation of the wipers and washer.
- (b) Check that the wipers do not streak.

12. WINDSHIELD DEFROSTER

Check that air comes out from the defroster outlet when operating the heater or air conditioner.

13. REAR VIEW MIRROR

Check that it is mounted securely.

14. SUN VISORS

Check that they move freely and are mounted securely.

15. STEERING WHEEL

Check that it has specified freeplay. Be alert for changes in steering condition, such as hard steering, excessive freeplay or strange noise.

16. 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 locks hold securely in any latched position.
- (d) Check that the head restraints move up and down smoothly and that the locks hold securely in any latched position.
- (e) For folding-down rear seat backs, check that the latches lock securely.

17. SEAT BELTS

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

18. ACCELERATOR PEDAL

Check the pedal for smooth operation and uneven pedal effort or catching.

19. CLUTCH PEDAL (See page CL-3)

Check the pedal for smooth operation.
Check that the pedal has the proper freeplay.

20. BRAKE PEDAL (See page BR-6)

- (a) Check the pedal for smooth operation.
- (b) Check that the pedal has the proper reserve distance and freeplay.
- (c) Check the brake booster function.

21. BRAKES

At a safe place, check that the brakes do not pull to one side when applied.

22. PARKING BRAKE (See page BR-8)

- (a) Check that the lever has the proper travel.
- (b) On a safe incline, check that vehicle is held securely with only the parking brake applied.

23. AUTOMATIC TRANSMISSION "PARK" MECHANISM

- (a) Check the lock release button of the selector lever for proper and smooth operation.
- (b) On a safe incline, check that vehicle is held securely with the selector lever in the "P" position and all brakes released.

UNDER HOOD**24. WINDSHIELD WASHER FLUID**

Check that there is sufficient fluid in the tank.

25. ENGINE COOLANT LEVEL

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

26. RADIATOR AND HOSES

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

27. BATTERY ELECTROLYTE LEVEL

Check that the electrolyte level of all battery cells is between the upper and lower level lines on the case. If level is low, add distilled water only.

28. BRAKE AND CLUTCH FLUID LEVELS

- (a) Check that the brake fluid level is near the upper level line on the see-through reservoir.
- (b) Check that the clutch fluid level is up to the top of the narrow neck of the see-through reservoir.

29. ENGINE DRIVE BELTS

Check all drive belts for fraying, cracks, wear or oiliness.

30. ENGINE OIL LEVEL

Check the level on the dipstick with the engine turned off.

31. POWER STEERING FLUID LEVEL

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

32. AUTOMATIC TRANSMISSION FLUID LEVEL

- (a) Park the vehicle on a level surface.
- (b) With the engine idling and the parking brake applied, shift the selector into all positions from P to L, and then shift into P.
- (c) Pull out the dipstick and wipe off the fluid with a clean rag. Re-insert the dipstick and check that the fluid level is in the HOT range.
- (d) Perform this check with the fluid at normal driving temperature (70 — 80°C or 158 — 176°F).

NOTE: Wait about 30 minutes before checking the fluid level after extended driving at high speeds, in hot weather, in heavy traffic or with a trailer.

33. EXHAUST SYSTEM

Visually inspect for cracks, holes or loose supports.

If any change in the sound of the exhaust or smell of the exhaust fumes is noticed, have the cause located and corrected.