

MAINTENANCE

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MA

GENERAL NOTES:

- The maintenance schedule for the vehicle consists of separate A and B schedules which are applicable depending on the conditions the vehicle is used in. Confirm the vehicle's usage conditions, select the appropriate schedule and service the vehicle accordingly.
- Every service item in the periodic maintenance list must be performed.
- Next to the columns of periods in the schedule, reference pages have been added for easy access to service data and procedures necessary for each position.
- Periodic maintenance service must be performed according to whichever interval in the periodic maintenance list occurs first, the odometer reading (miles) or the times interval (months).
- Maintenance services after the last period should be performed at the same interval as before unless otherwise noted.
- Failure to do even one item can cause the engine to run poorly and increase exhaust emissions.

MAINTENANCE SCHEDULE SCHEDULE A

CONDITIONS:

- Towing a trailer, using a camper or car top carrier.
- Repeated short trips less than 5 miles (8 km) and outside temperatures remain below freezing.
- Extensive idling and /or speed driving for long distance such as police, taxi or door-to-door delivery use.
- Operating on dusty, rough, muddy or salt spread roads.

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

System	Service interval (Odometer reading or months, whichever comes first)	Maintenance services beyond 60,000 miles (96,000 km) should continue to be performed at intervals shown for each maintenance schedule.																				See page (item No.)	
		Maintenance items										Months											
ENGINE	Maintenance items	Miles x 1,000	3,75	7.5	11.25	15	18.75	22.5	26.25	30	33.75	37.5	41.25	45	48.75	52.5	56.25	60					
	Timing belt ⁽¹⁾	km x 1,000	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96					
	Valve clearance																	R	-				
	Drive belt																	A	A: Every 72 months				
	Engine oil★	3S-GTE engine		I: First period, 60,000 miles (96,000 km) or 72 months. I: After that every 7,500 miles (12,000 km) or 12 months.																			
	5S-FE engine		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R: Every 6 months				
	Engine oilfilter★	3S-GTE engine		R: Every 5,000 miles (8,000 km) or 6 months																			
	5S-FE engine		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R: Every 6 months				
	Engine coolant		R: First period, 45,000 miles (72,000 km) or 36 months. R: After that every 30,000 miles (48,000 km) or 24 months																				
	Exhaust pipes and mountings			I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I: Every 24 months				
FUEL	Air Filter ^{(2)★}	3S-GTE engine	I: Every 5,000 miles (8,000 km) or 6 months R: Every 30,000 miles (48,000 km) or 36 months																				
	5S-FE engine		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	R	I: Every 24 months R: Every 36 months				
IGNITION	Fuel lines and connections ⁽³⁾									I								I	I: Every 36 months				
	Fuel tank cap gasket																	R	R: Every 72 months				
	Spark plug	3S-GTE engine																R	R: Every 72 months				
EVAP	5S-FE engine★																	R	R: Every 36 months				
	Charcoal canister																	I	I: Every 72 months				
BRAKES	Brake pads and discs (Front and rear)		I				I					I			I			I	I: Ever 12 months				
	Brake line pipes and hoses						I								I			I	I: Ever 24 months				
CHASSIS	Steering linkage		I				I					I			I			I	I: Ever 12 months				
	SRS airbag		I: First period, 10 years. I: After every 2 years.																				
	Drive shaft boots		I				I				I				I			I	I: Ever 12 months				
	Manual transaxle, automatic transaxle and differential						R							R				R	R: Ever 24 months				
	Steering gear housing oil ⁽⁶⁾														I			I	I: Ever 24 months				
	Bolts and nuts on chassis and body ⁽⁷⁾		I				I				I				I			I	I: Ever 12 months				
																			MA-4 (item 1)				
																		A	MA-7 (item 12)				
																			MA-4 (item 2)				
																			MA-6 (item 6)				
																			MA-6 (item 6)				
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																			MA-7 (item 11)				
																			MA-4 (item 3, 4)				
																			MA-4 (item 3, 4)				
																			MA-7 (item 10)				
																			MA-7 (item 9)				
																			MA-5 (item 5)				
																			MA-5 (item 5)				
																			MA-7 (item 8)				
																			MA-8 (item 14)				
																			MA-8 (item 13)				
																			MA-9 (item 15)				
																			MA-9 (item 16)				
																			MA-10 (item 18)				
																			MA-10 (item 20, 21)				
																			MA-9 (item 15)				
																			MA-12 (item 22)				

★ and * mark indicates maintenance which is part of the warranty conditions for the engine control system, the warranty period is in accordance with the owner's guide or the warranty booklet. (★: California specification vehicles * : Other specification vehicles)

- (1) Applicable to vehicles operated under conditions extensive idling and /or low speed driving for long distances such as police, taxi or door-to-door delivery use.

- (2) Applicable when operating mainly on dusty road. If not, apply SCHEDULE B.

- (3) Includes inspection
- (4) Check for leakage.

- (5) Check for oil leaks from steering gear housing.

- (6) Applicable only when operating mainly on rough, muddy roads. The applicable parts are listed below. For other usage conditions, refer to SCHEDULE B.
- Front and rear suspension member to cross body
 - Strut bar bracket to body bolts
 - Bolts for sheet installation

SCHEDULE B

CONDITIONS: Conditions other than those listed for SCHEDULE A.

System	Service interval (Odometer reading or months. Whichever comes first)	Maintenance service beyond 60,000 miles (96,000 km) should continue to be performed at the same intervals shown for each maintenance schedule.												See page (item No.)	
		Miles x 1,000 km x 1,000						Months							
		7.5	15	22.5	30	37.5	45	52.5	60	60	96				
ENGINE	Maintenance items	12	24	36	48	60	72	84	96				A	A: Every 72 months	MA-7 (item 12)
	Valve clearance														
	Drive belt	I: First period, 60,000 miles (96,000 kn) or 72 months. I: After that every 7,500 miles (12,000 km) or 12 months.													MA-4 (item 2)
	Engine oil★	R: Every 5,000 miles 8,000 km) or 6 months.													MA-6 (item 6)
		R	R	R	R	R	R	R	R	R	R	R	R	R: Every 12 months	MA-6 (item 6)
	Engine oilfilter★	R: Every 10,000 miles (16,000 km) or 12 months.													MA-6 (item 6)
		R	R	R	R	R	R	R	R	R	R	R	R	R: Every 12 months	MA-6 (item 6)
FUEL	Engine coolant	R: First period, 45,000 miles (72,000 km) or 36 months. R: After that every 30,000 miles (48,000 km) or 24 months.													MA-6 (item 7)
	Exhaust pipes and mountings				I								I	I: Every 36 months	MA-7 (item 11)
	Air filter★*							R					R	R: Every 36 months	MA-4 (item 3, 4)
	Fuel lines and connections ⁽¹⁾							I					I	I: Every 36 months	MA-7 (item 10)
	Fuel tank cap gasket												R	R: Every 72 months	MA-7 (item 9)
	Speak plugs												R	R: Every 72 months	MA-5 (item 5)
		3S-GTE engine											R	R: Every 36 months	MA-5 (item 5)
IGNITION	5S-FE engine**								R					I: Every 72 months	MA-7 (item 8)
	Charcoal canister												I	I: Every 72 months	MA-8 (item 14)
BRAKES	Brake pads and discs (Front and rear)		I		I								I	I: Every 24 months	MA-8 (item 13)
	Brake line pipes and hoses		I		I								I	I: Every 24 months	MA-9 (item 15)
CHASSIS	Steering linkage		I		I								I	I: Every 24 months	MA-9 (item 16)
	SRS airbag	I: First period, 10 years. I: After that every 2 years.													MA-10 (item 18)
	Drive shaft boots		I		I								I	I: Every 24 months	MA-10 (item 19)
	Ball joints and dust covers		I		I								I	I: Every 24 months	MA-10 (item 20, 21)
	Manual transaxle, automatic transaxle and differential ⁽²⁾		I		I								I	I: Every 24 months	MA-9 (item 15)
	Steering gear housing oil ⁽³⁾		I		I								I	I: Every 24 months	MA-12 (item 22)
	Bolts and nuts on chassis and body ⁽⁴⁾		I		I								I	I: Every 24 months	

★and* mark indicates maintenance which is part of the warranty conditions for the engine control system. The warranty period is in accordance with the owner's guide or the warranty booklet.

(★): California specification vehicle **: Other specification vehicles)

(1) Includes inspection of fuel tank band and vapor vent system.

(2) Check for leakage.

(3) Check for oil leaks from steering gear housing.

(4) The Applicable part are listed below.

- Front and rear suspension member to cross body
- Strut bar bracket to body body bolt
- Bolts for sheet installation

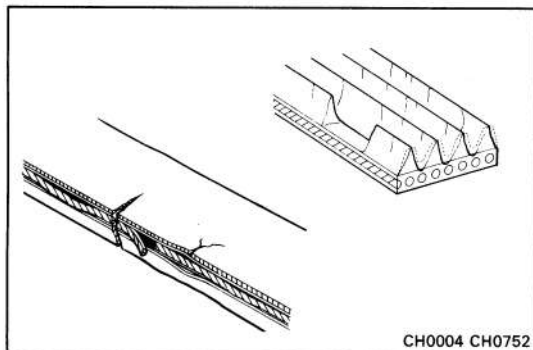
MAINTENANCE OPERATIONS

ENGINE

Cold Engine Operations

1. REPLACE TIMING BELT

- Remove the timing belt.
3S-GTE (See pages EM-26 to 31)
5S-FE (See pages EM-47 to 52)
- Install the timing belt.
3S-GTE (See pages EM-35 to 41)
5S-FE (See pages EM-55 to 60)



2. INSPECT DRIVE BELT

- Visually check the drive belt for excessive wear, frayed cords etc.

If necessary, replace the drive belt.

HINT: Cracks on the ribbed side of a drive belt are considered acceptable. If the drive belt has chunks missing from the ribs, it should be replaced.

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

Belt tension gauge:

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

Drive belt tension:

Alternator	New belt	120 ± 20 lb
	Used belt	104 ± 20 lb
A/C compressor	New belt	160 ± 25 lb
	Used belt	100 ± 20 lb

If necessary, adjust the drive belt tension.

HINT:

- "New belt" refers to a belt which has been used 5 minutes or less on a running engine.
- "Used belt" refers to a belt which has been used on a running engine for 5 minutes or more.
- After installing the belt, check that it fits properly in the ribbed grooves.
- Check by hand to confirm that the belt has not slipped out of the groove on the bottom of the pulley.
- After installing a new belt, run the engine for about 5 minutes and recheck the belt tension.

3. INSPECT AIR FILTER

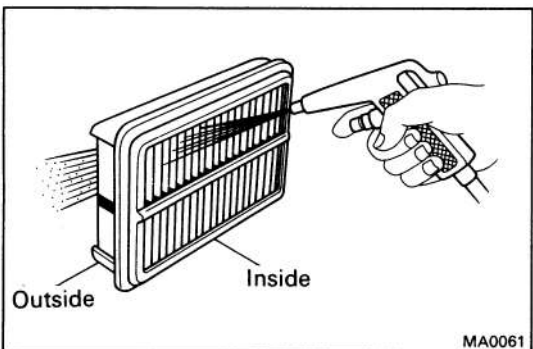
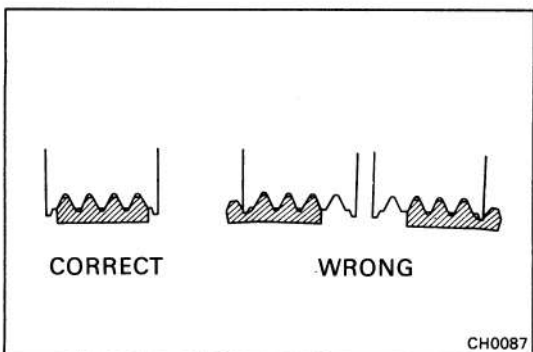
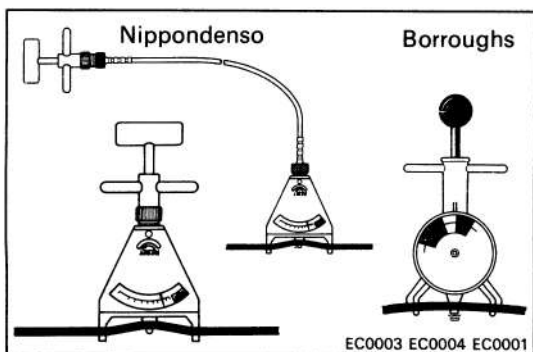
- Visually check that the air cleaner element is not excessively, damaged or oily.

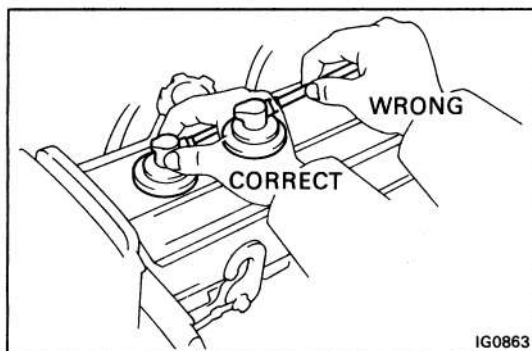
If necessary, replace the air cleaner element.

- Clean the element with compressed air.
First blow from the inside thoroughly, then blow off the outside of the element.

4. REPLACE AIR FILTER

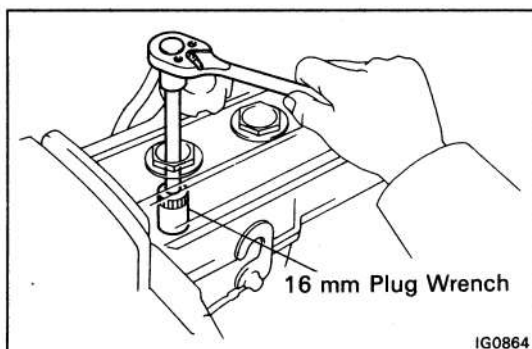
Replace the air cleaner element with a new one.



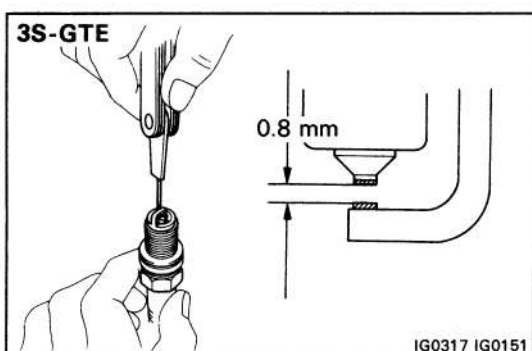


5. REPLACE SPARK PLUGS

- (a) Disconnect the spark plug cords at the rubber boot. **DO NOT** pull on the cords.



- (b) Using a 16 mm plug wrench, remove the spark plugs.



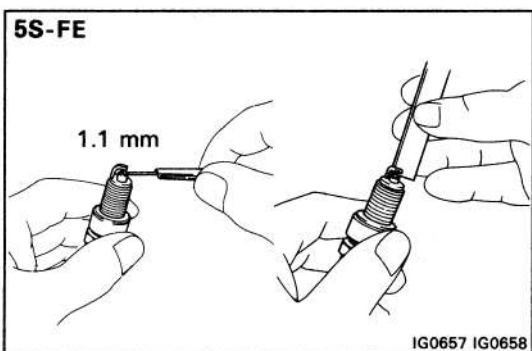
- (c) (3S-GTE)

Check the electrode gap of new spark plugs.

Correct electrode gap: 0.8 mm (0.031 in.)

Recommended spark plugs: ND PK20R8
NGK BKR6EP8

HINT: If adjusting the gap of a new spark plug, bend only the base of the ground electrode. **DO NOT** touch the tip.

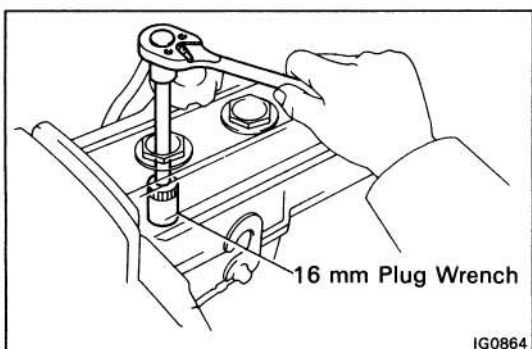


- (d) (5S-FE)

Adjust the electrode gap of new spark plugs.

Correct electrode gap: 1.1 mm (0.043 in.)

Recommended spark plugs: ND K16R-U11
NGK BKR5EYA11

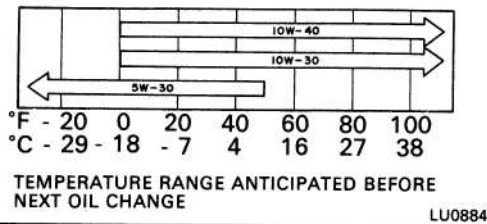


- (e) Using a 16 mm plug wrench, install the spark plugs.

Torque: 180 kg-cm (13 ft-lb, 18 N·m)

- (f) Connect the spark plug cords.

Recommended Viscosity (SAE):



6. REPLACE ENGINE OIL AND OIL FILTER (See page LU-7)

Oil grade: API grade SG, multigrade viscosity and fuel-efficient oil

Drain and refill capacity (3S-GTE):

w/ Oil filter change

3.9 liters (4.1 US qts, 3.4 Imp. qts)

w/o Oil filter change

3.6 liters (3.8 US qts, 3.2 Imp. qts)

Drain and refill capacity (5S-FE):

w/ Oil filter change

4.2 liters (4.4 US qts, 3.7 Imp. qts)

w/o Oil filter change

3.8 liters (4.0 US qts, 3.3 Imp. qts)

7. REPLACE ENGINE COOLANT (See page CO-5)

HINT:

- Used a good brand of ethylene-glycol base coolant, mixed according to the manufacturer's instructions.
- Using coolant which has more than 50 % ethylene-glycol (but not more 70 %) is recommended.

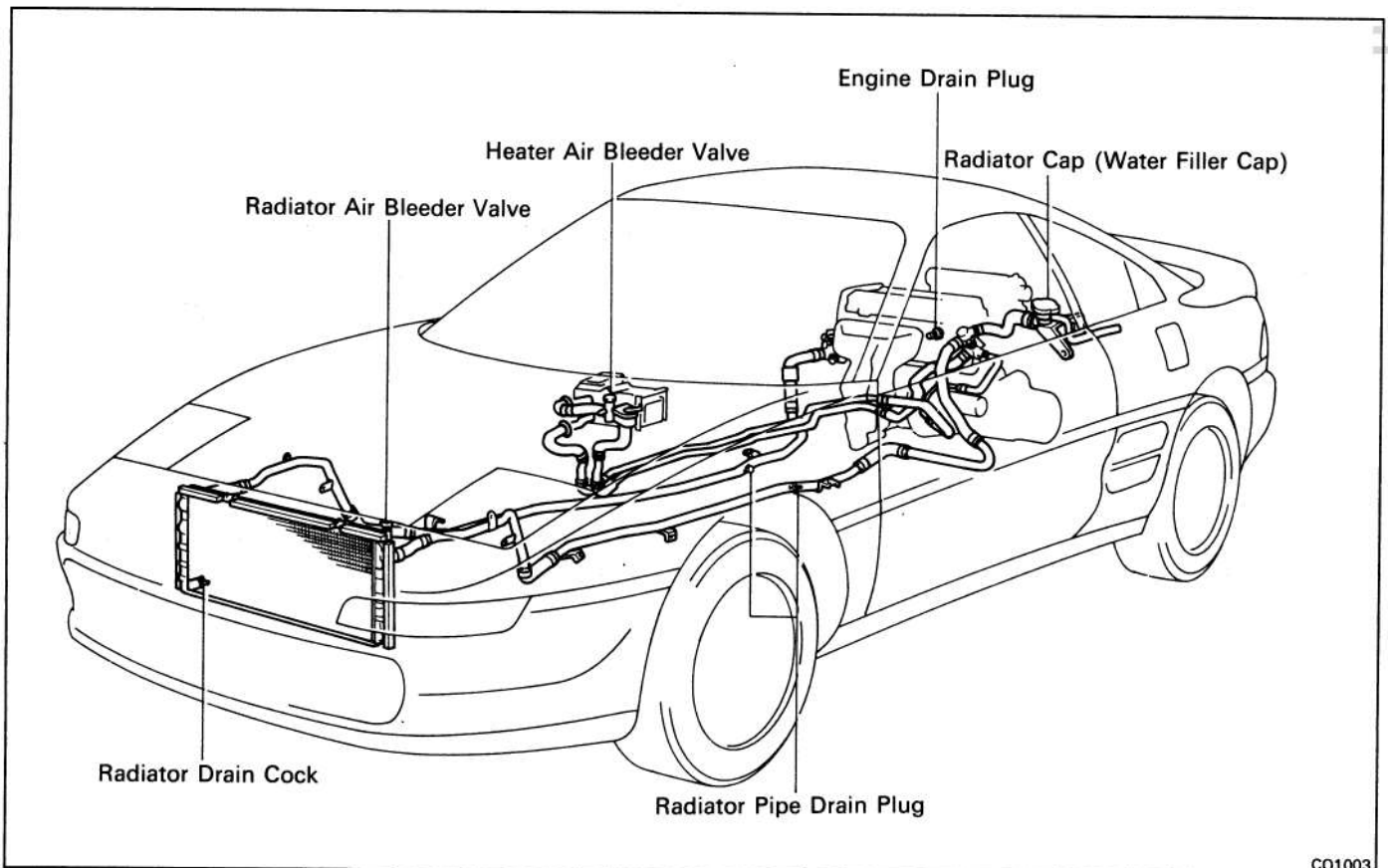
NOTICE:

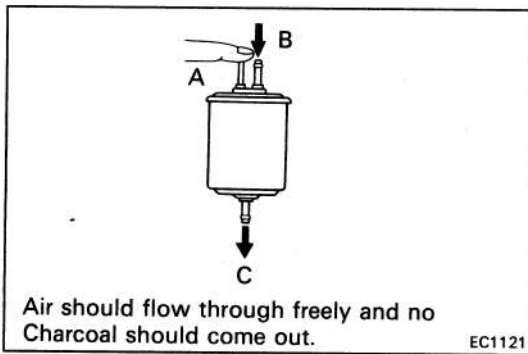
- Do not use as alcohol type coolant.
- The coolant should be mixed with demineralized water or distilled water.

Coolant capacity (w/ Heater):

3S-GTE 13.6 liters (14.4 US qts, 12.0 Imp. qts)

5S-FE 13.0 liters (13.7 US qts, 11.4 Imp. qts)





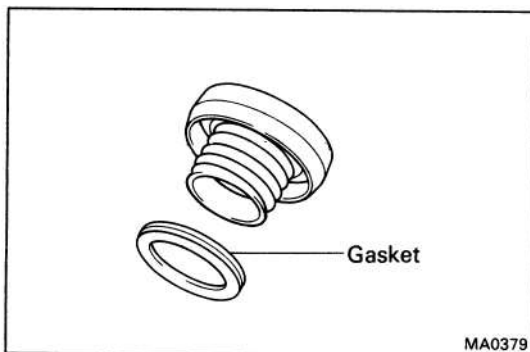
8. INSPECT CHARCOAL CANISTER

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

If necessary, replace the charcoal canister.

NOTICE: Do not attempt to wash the charcoal.

- Reconnect the hoses to the charcoal canister.

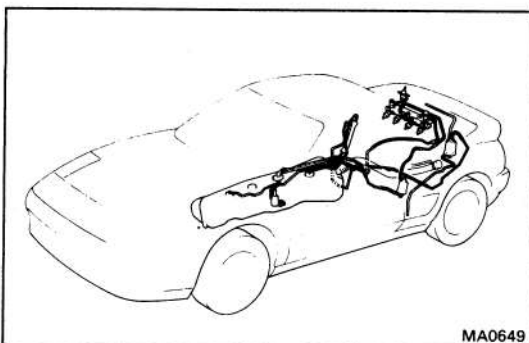


9. REPLACE GASKET IN FUEL TANK CAP

- Remove the old gasket from the tank cap.

NOTICE: Do not damage the tank cap.

- Install a new gasket by hand.
- Check the cap for damage or cracks.
- Install the cap and check the torque limiter.



10. INSPECT FUEL LINES AND CONNECTIONS

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

11. INSPECT EXHAUST PIPES AND MOUNTINGS

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

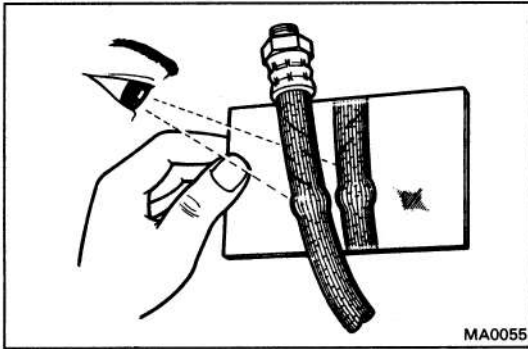
12. ADJUST VALVE CLEARANCE

3S-GTE (See page EM-11)

5S-FE (See page EM-16)

Valve clearance (Cold):

3S-GTE	Intake	0.15 – 0.25 mm (0.006 – 0.010 in.)
	Exhaust	0.20 – 0.30 mm (0.008 – 0.012 in.)
5S-FE	Intake	0.19 – 0.29 mm (0.007 – 0.011 in.)
	Exhaust	0.28 – 0.38 mm (0.011 – 0.015 in.)

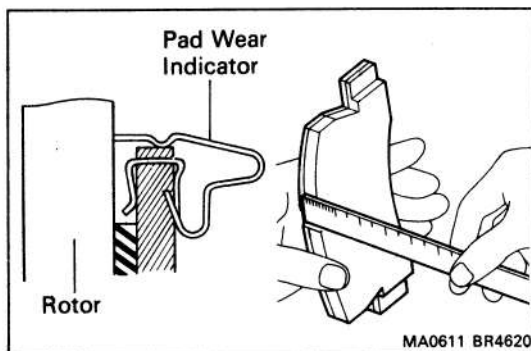


BRAKES

13. 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 required. Turn the front wheels fully right or left before checking the front brake.

- (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 grommets pass through the center of the grommets.

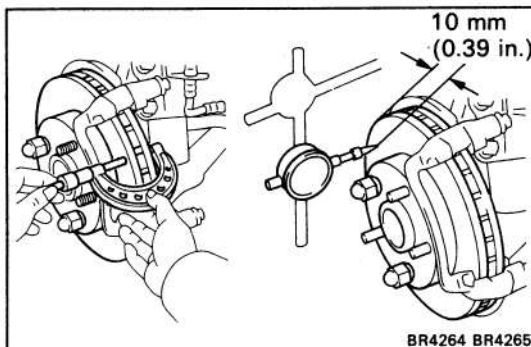


14. INSPECT BRAKE PADS AND DISCS

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

Minimum pad thickness: 1.0 mm (0.039 in.)

HINT: If a squealing or scraping noise comes from the brake during driving, check the pad wear indicator to see if it is contacting the disc rotor. If so, the disc pad should be replaced.



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

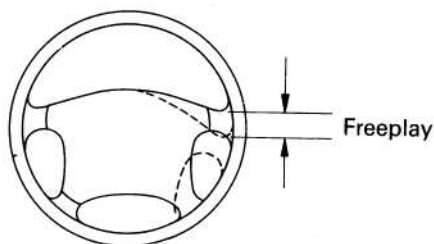
Minimum disc thickness:

Front 24.0 mm (0.787 in.)
Rear 15.0 mm (0.590 in.)

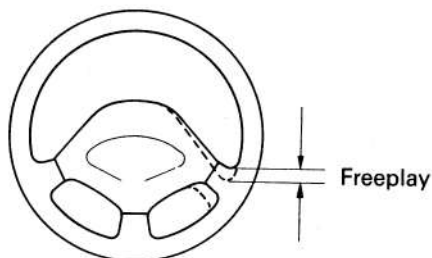
Maximum disc runout:

Front 0.07 mm (0.0028 in.)
Rear 0.10 mm (0.0039 in.)

USA



CANADA


SR3556
SR3807

CHASSIS

15. INSPECT STEERING LINKAGE

(a) Check 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 or damage.

Check that:

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

16. INSPECT SRS AIRBAG

Visually check the steering wheel pad (airbag and inflator).

- Use the diagnosis check to check if there are abnormalities.
- Check that there are no cuts, cracks or noticeable color changes on the surface of the steering wheel pad or in the center groove of the pad.
- Remove the steering wheel pad from the vehicle and check the wiring and steering wheel for damage and corrosion due to rusting, etc.

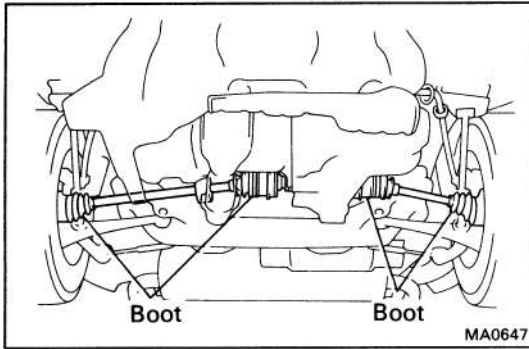
If necessary, replace the pad.

CAUTION:

- For removal and replacement of the steering wheel pad, see page AB-15 and be sure to perform the operation in the correct order.
- Before disposing of the steering wheel pad, the airbag must first be deployed by using an SST (see page AB-82).

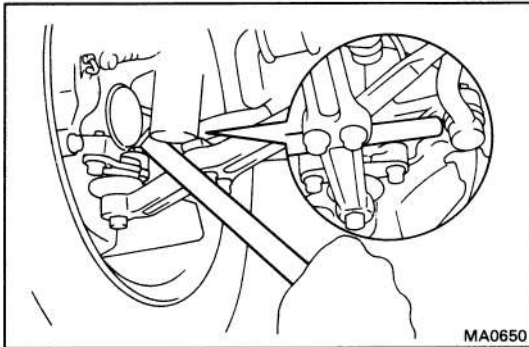
17. INSPECT STEERING GEAR HOUSING OIL

Check the steering gear box for oil leakage.



18. INSPECT DRIVE SHAFT BOOTS

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



19. INSPECT BALL JOINTS AND DUST COVERS

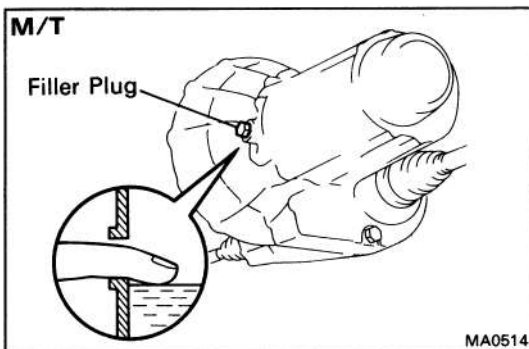
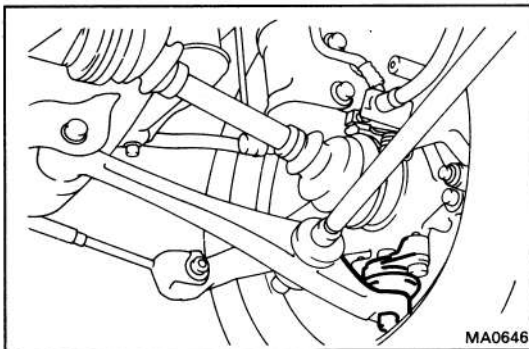
(a) Inspect the ball joints for excessive looseness.

- 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 springs. Place stands under the vehicle for safety.
- Check that 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: 0 mm (0 in.)

If there is play, replace the ball joint.

(b) Check the dust cover for damage.



20. CHECK TRANSAXLE FLUID

A. (M/T)

Check manual transaxle oil (fluid)

- Visually check the transaxle for oil (fluid) leakage. If leakage is found, check for the cause and repair.
- Remove the filler plug and feel inside the hole with your finger. Check that the oil (fluid) comes to within 5 mm (0.20 in.) of the bottom edge of the filler hole.

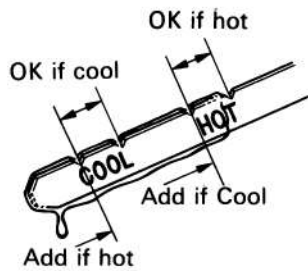
If the level is low, add oil (fluid) until it begins to run out the filler hole.

Transaxle oil (3S-GTE): See item 21 (A)

Transaxle fluid (5S-FE): See item 21 (A)

- Reinstall the filler plug securely.

A/T



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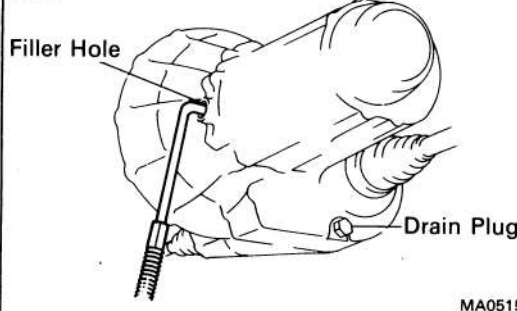
B. (A/T)

Check automatic transaxle fluid

- Visually check the transaxle for fluid leakage. If leakage is found, check for the cause and repair.
- Check the fluid level. If the level is low, add fluid.

Transmission fluid: See item 21 (B)

M/T



MA0515

21. REPLACE TRANSAXLE OIL (FLUID)

A. (M/T)

Replace transaxle oil (fluid)

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

(3S-GTE)

Transaxle oil: Transaxle oil E50 (088885-80206) or equivalent

Recommended transaxle oil:

Oil grade: API GL-5
Viscosity: SAE 75W-90 or 80W-90
 Above – 18°C (0°F) SAE 90
 Below – 18°C (0°F) SAE 80W

Capacity: 4.2 liters (4.4 US qts, 3.7 Imp. qts)

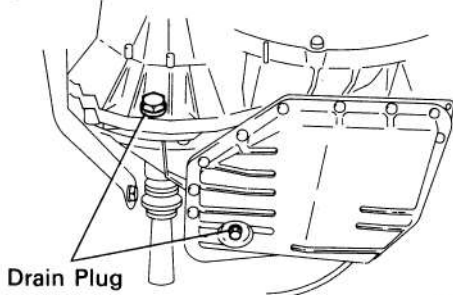
(5S-FE)

Transaxle fluid: ATF DEXRON II

Capacity: 2.6 liters (2.7 US qts, 2.3 Imp. qts)

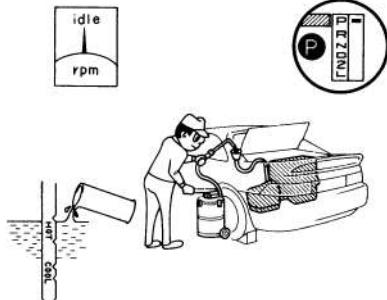
- Reinstall the filler plug securely.

A/T



AT5924

A/T



AT5941

B. (A/T)

Replace transaxle fluid

- Remove the drain plugs, and drain the fluid.
- Reinstall the drain plugs securely.

- With the engine OFF, add new fluid through the dipstick tube.

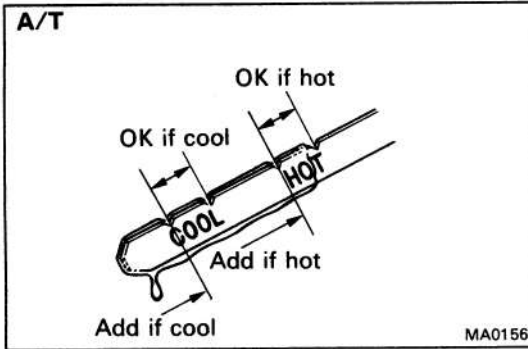
Transaxle fluid: ATF DEXRON II

Drain and refill capacity:

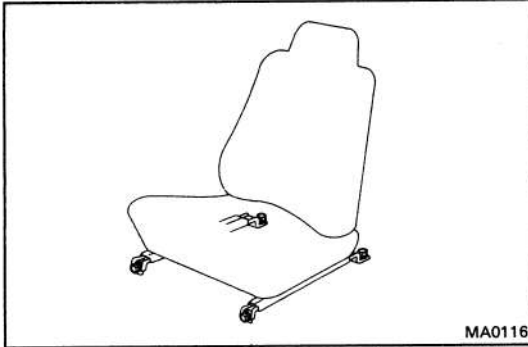
3.3 liters (3.6 US qts, 2.9 Imp. qts)

- 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.

NOTICE: Do not overfill. The transmission and differential are separate units.



- (f) Recheck the fluid level with the normal temperature (70 – 80°C (158 – 176°F)) and add as necessary.

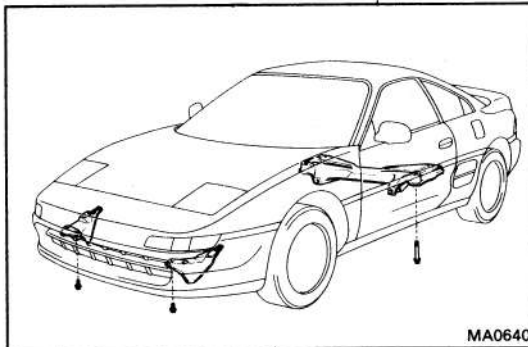


22. TIGHTEN BOLTS AND NUTS ON CHASSIS AND BODY

Tighten the following parts:

- Front seats mount bolts

Torque: 375 kg-cm (27 ft-lb, 37 N·m)



- Strut bar bracket-to-body mount bolts

Torque: 740 kg-cm (54 ft-lb, 73 N·m)

- Rear suspension lower crossmember-to-body mount bolts

Torque: 1,150 kg-cm (83 ft-lb, 113 N·m)

23. BODY INSPECTION

- Check the body exterior for dents, scratches and rust.
- Check the underbody for rust and damage.

24. 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.

25. FINAL INSPECTION

(a) Check the operation of the body parts:

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

(b) Be sure to deliver a clean car. 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, and in most cases, do not require (Special) tools and are considered to be reasonable for the owner to perform. 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. WINDSHIELD WIPER BLADES

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

4. 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.

5. 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

6. LIGHTS

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

7. WARNING LIGHTS AND BUZZERS

Check that all warning lights and buzzers function properly.

8. HORN

Check that it is working.

9. WINDSHIELD GLASS

Check for scratches, pits or abrasions.

10. WINDSHIELD WIPER AND WASHER

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

11. WINDSHIELD DEFROSTER

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

12. REAR VIEW MIRROR

Check that it is mounted securely.

13. SUN VISORS

Check that they move freely and are mounted securely.

14. STEERING WHEEL

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

15. SEATS

- (a) Check that all front seat controls such as seat adjuster, 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 fold-down rear backs, check that the latches lock securely.

16. 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.

17. ACCELERATOR PEDAL

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

18. CLUTCH PEDAL (See page CL-3)

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

19. 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.

20. BRAKES

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

21. 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.

22. AUTOMATIC TRANSMISSION "PARK" MECHANISM

- (a) Check the lock release button of the selector lever 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

23. WINDSHIELD WASHER FLUID

Check that there is sufficient fluid in the tank.

24. ENGINE COOLANT LEVEL

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

25. RADIATOR AND HOSES

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

26. 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.

27. 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 within ± 5 mm (0.20 in.) of the reservoir hem.

28. ENGINE DRIVE BELTS

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

29. ENGINE OIL LEVEL

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

30. 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.

31. 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. Reinsert 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).

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

32. 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.