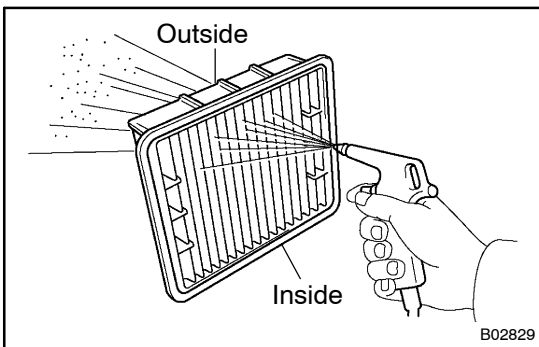


ENGINE INSPECTION

HINT:

Inspect these items when the engine is cold.

1. **REPLACE TIMING BELT**
 2JZ-GE: (See Pub. No. RM588E)
 3UZ-FE: (See page [EM-12](#))
2. **INSPECT DRIVE BELT**
 2JZ-GE: (See Pub. No. RM588E)
 3UZ-FE: (See page [CH-1](#))
3. **REPLACE SPARK PLUGS**
 2JZ-GE: (See Pub. No. RM588E)
 3UZ-FE: (See page [G-1](#))



4. INSPECT AIR FILTER

- (a) Remove the air filter.
- (b) Visually check that the air filter is not excessively damaged or oily.

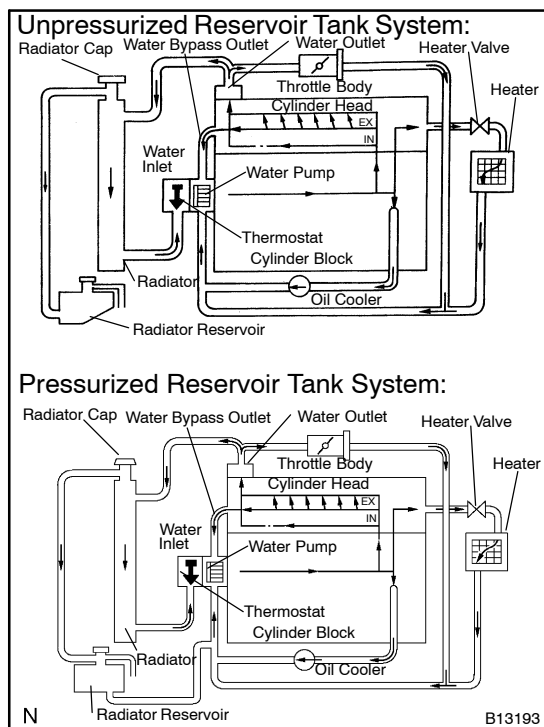
If necessary, replace the air filter.

- (c) Clean the filter with compressed air.
 First blow from the inside thoroughly, then blow the outside of the filter.
- (d) Reinstall the air filter.

5. REPLACE AIR FILTER

Replace the air filter with a new one.

6. **REPLACE ENGINE OIL AND OIL FILTER**
 2JZ-GE: (See Pub. No. RM588E)
 3UZ-FE: (See page [LU-3](#))



7. INSPECT COOLING, HEATER SYSTEM HOSES AND CONNECTIONS

(a) Check the relating parts for coolant leakage and damage.

• Radiator	• Water pump
• Radiator reservoir	• Cylinder block & Cylinder head
• Drain plugs	• Heater
• Water inlet	• Throttle body
• Water outlet	• Oil cooler

- (b) Check the hoses cracks or deterioration.
 (c) Check the clamps for looseness.
 (d) The coolant level at radiator reservoir should be between "LOW" and "FULL" lines.

8. REPLACE ENGINE COOLANT

2JZ-GE: (See Pub. No. RM588E)

3UZ-FE: (See page CO-2)

9. w/o TWC:

INSPECT PCV VALVE, HOSES AND CONNECTIONS

2JZ-GE: (See Pub. No. RM588E)

3UZ-FE: (See page EC-5)

10. INSPECT CHARCOAL CANISTER

2JZ-GE: (See Pub. No. RM588E)

3UZ-FE: (See page EC-7)

11. Except Europe:

REPLACE FUEL FILTER

2JZ-GE: (See Pub. No. RM588E)

3UZ-FE: (See page FI-9)

12. INSPECT FUEL TANK CAP

2JZ-GE: (See Pub. No. RM588E)

3UZ-FE: (See page EC-7)

13. INSPECT FUEL LINES, CONNECTIONS AND FUEL VAPOR CONTROL VALVE

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

14. INSPECT EXHAUST PIPES AND MOUNTINGS

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

15. INSPECT BATTERY

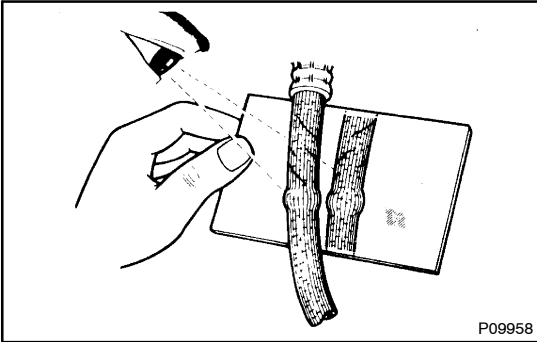
2JZ-GE: (See Pub. No. RM588E)

3UZ-FE: (See page CH-1)

16. INSPECT VALVE CLEARANCE

2JZ-GE: (See Pub. No. RM588E)

3UZ-FE: (See page EM-4)



MA01R-07

BRAKE INSPECTION

1. **INSPECT BRAKE PEDAL AND PARKING BRAKE**
(See Pub. No. RM588E)
2. **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 install in grommets pass through the center of the grommets.
3. **INSPECT FRONT AND REAR BRAKE PADS AND DISCS** (See Pub. No. RM588E)
4. **INSPECT PARKING BRAKE LININGS AND DRUMS**
(See Pub. No. RM588E)
5. **INSPECT OR CHANGE BRAKE FLUID**
(See Pub. No. RM588E)
Fluid: SAE J1703 or FMVSS No.116 DOT3

CHASSIS

INSPECTION

MA026-03

1. INSPECT POWER STEERING FLUID (See Pub. No. RM588E)

2. INSPECT STEERING LINKAGE

(a) Check the steering wheel freeplay (See Pub. No. RM588E).

(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.

3. INSPECT SRS AIRBAG (See Pub. No. RM588E)

4. INSPECT STEERING GEAR HOUSING OIL

Check the steering gear housing for oil leakage.

5. CHECK WHEEL ALIGNMENT (SIDE SLIP)

Side slip: 3.0 mm/m (0.118 in./3.3 ft) or less

6. INSPECT LOWER 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 coil spring.

(d) Inspect the dust cover for damage.

7. CHECK AUTOMATIC TRANSMISSION AND DIFFERENTIAL

Visually check the automatic transmission and differential for oil leakage.

If leakage is found, check for the cause and repair it.

8. REPLACE AUTOMATIC TRANSMISSION FLUID (See Pub. No. RM588E)

9. REPLACE DIFFERENTIAL OIL (See Pub. No. RM588E)

10. INSPECT FRONT AND REAR SUSPENSIONS

(a) Check the suspension parts for looseness or damage.

(b) Check the shock absorber performance.

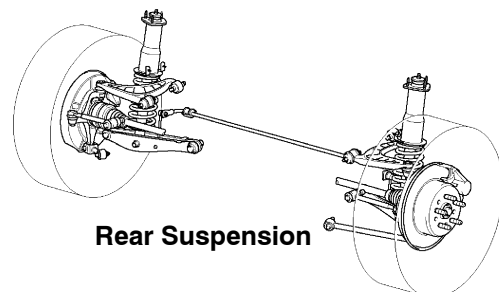
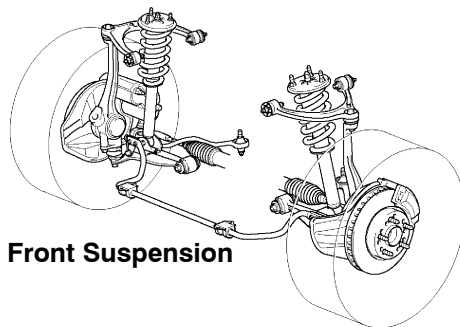
(c) Check the vehicle for tilting.

(d) Check the springs for wear or breakage.

(e) Check the suspension bushings for wear.

(f) Check the wheel bearings for wear or noise.

- Jack up the front and rear axle and support them on stands.
- Move the wheel in axial and radial directions and check the wheel bearing for wear.
- Rotate the wheel and check the bearing for noise.



B02820

BODY

INSPECTION

1. TIGHTEN BOLTS AND NUTS ON CHASSIS AND BODY

(a) Where necessary, tighten all parts of the chassis.

- Front axle and suspension
- Driven train
- Rear axle and suspension
- Steering system
- Brake system
- Engine mounting etc.

(b) Where necessary, tighten all parts of the body.

- Seat belt system
- Seats
- Doors and hood
- Body mountings
- Fuel tank
- Exhaust pipe system etc.

2. CHECK TIRES AND INFLATION PRESSURE

(a) Check tires for abnormal abrasion or cracks.

(b) Check and adjust the tires inflation pressure.

Cold tire inflation pressure:

2JZ-GE: (See Pub. No. RM588E)

3UZ-FE: (See page SA-1)

3. CHECK LIGHTS, HORNS, WIPERS AND WASHERS

Check the function of lights, horns, wipers and washers.

4. Australia and New Zealand:

REPLACE AIR REFINER FILTER (See Pub. No. RM588E)

5. New Zealand and General:

CHECK AIR CONDITIONER REFRIGERANT AMOUNT (See Pub. No. RM588E)

6. ROAD TEST

- (a) Check the engine and chassis for abnormal noises.
- (b) Check that the vehicle does not wander or pull to one side.
- (c) Check that the brakes work properly and do not drag.
- (d) Do setting of the parking brake shoes and drum.

7. 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
 - Door lock operates properly
- Seat adjusts easily and locks securely in any position
 - Front seat back locks securely in any position

- (b) Be sure to deliver a clean car. Especially check:
- Steering wheel
 - Shift lever knob
 - All switch knobs
 - Seats