

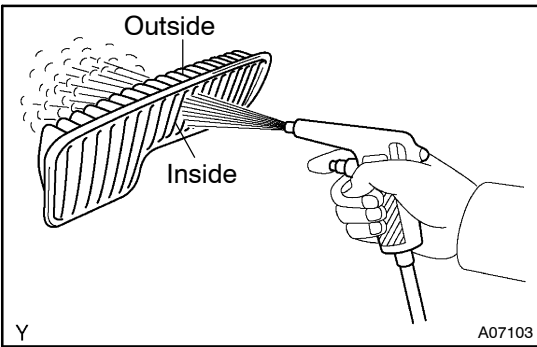
# ENGINE INSPECTION

MA052-01

**HINT:**

Inspect these items when the engine is cold.

1. **REPLACE TIMING BELT**  
(IS200: See Pub. No. RM684E on page EM-18)  
(IS300: See page EM-17)
2. **INSPECT DRIVE BELT**  
(IS200: See Pub. No. RM684E on page CH-1)  
(IS300: See page CH-1)
3. **REPLACE SPARK PLUGS**  
(IS200: See Pub. No. RM684E on page IG-1)  
(IS300: See page IG-1)



4. **INSPECT AIR FILTER**

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

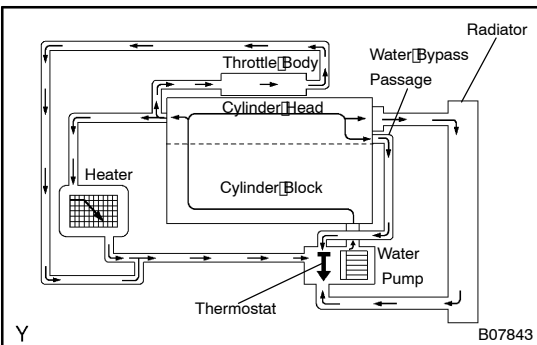
If necessary, replace the air filter.

- (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**  
(IS200: See Pub. No. RM684E on page LU-3)  
(IS300: See page LU-2)



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**

(IS200: See Pub. No. RM684E on page CO-2)

(IS300: See page CO-1)

**9. INSPECT PCV VALVE, HOSES AND CONNECTIONS**

(IS200: See Pub. No. RM684E on page EC-4)

(IS300: See page EC-4)

**10. INSPECT CHARCOAL CANISTER**

(IS200: See Pub. No. RM684E on page EC-6)

(IS300: See page EC-5)

**11. Except Europe:****REPLACE FUEL FILTER**

(IS200: See Pub. No. RM684E on page FI-9)

(IS300: See page FI-9)

**12. INSPECT FUEL TANK CAP**

(IS200: See Pub. No. RM684E on page EC-9)

(IS300: See page EC-5)

**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**

(IS200: See Pub. No. RM684E on page CH-1)

(IS300: See page CH-1)

**16. INSPECT VALVE CLEARANCE**

(IS200: See Pub. No. RM684E on page EM-6)

(IS300: See page EM-5)