

ENGINE

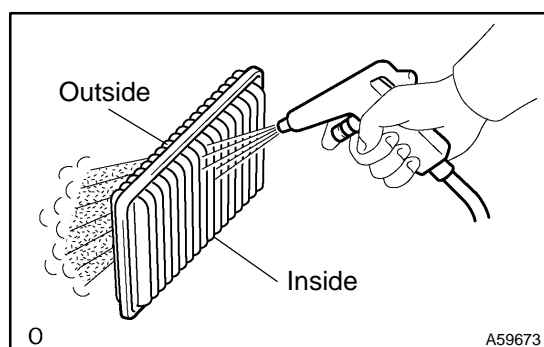
ON-VEHICLE INSPECTION

9900Y-15

HINT:

Inspect these items on a cooled down engine.

1. **REPLACE TIMING CHAIN** (2AZ-FE: [14-75](#))
2. **REPLACE TIMING BELT** (1MZ-FE/3MZ-FE: See page [14-218](#))
3. **INSPECT DRIVE BELT** (2AZ-FE: See page [14-5](#), 1MZ-FE/3MZ-FE: See page [14-140](#))
4. **REPLACE SPARK PLUGS** (2AZ-FE: See page [18-3](#), 1MZ-FE/3MZ-FE: See page [18-9](#))



5. 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, and then blow from the outside of the filter.
- (d) Reinstall the air filter.

6. REPLACE AIR FILTER

- (a) Replace the air filter with a new one.

7. REPLACE ENGINE OIL AND OIL FILTER

(2AZ-FE: See page [17-3](#), 1MZ-FE/3MZ-FE: See page [17-25](#))

8. REPLACE ENGINE COOLANT

(2AZ-FE: See page [16-6](#), 1MZ-FE/3MZ-FE: See page [16-27](#))

9. INSPECT GASKET IN FUEL TANK CAP

(2AZ-FE: See page [12-1](#), 1MZ-FE/3MZ-FE: See page [12-18](#))

10. INSPECT FUEL LINES AND CONNECTIONS AND FUEL TANK VAPOR VENT SYSTEM HOSES AND FUEL TANK BANDS

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

11. INSPECT EXHAUST PIPES AND MOUNTINGS

- (a) Visually check the pipes, hangers and connections for severe corrosion, leaks or damage.

12. INSPECT VALVE CLEARANCE

(2AZ-FE: See page [14-7](#), 1MZ-FE/3MZ-FE: See page [14-142](#))