

# ENGINE INSPECTION

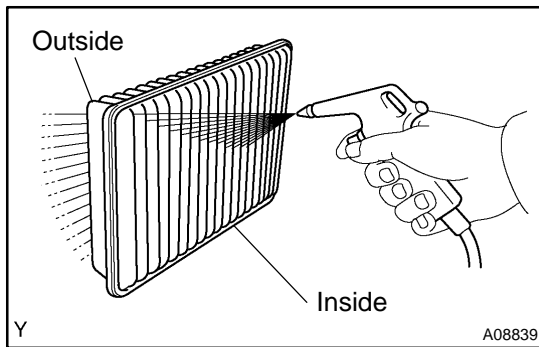
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**HINT:**

Perform the following procedures.

1. **REPLACE TIMING CHAIN OR BELT**  
(1GR-FE: See pages [EM-32](#) and [EM-44](#))  
(2UZ-FE: See pages [EM-16](#) and [EM-23](#))
2. **INSPECT VALVE CLEARANCE**  
(1GR-FE: See page [EM-4](#))  
(2UZ-FE: See page [EM-4](#))
3. **INSPECT DRIVE BELT(S)**  
(1GR-FE: See pages [SR-3](#) and [AC-17](#))  
(2UZ-FE: See page [SR-3](#) and [AC-17](#))
4. **REPLACE ENGINE OIL AND OIL FILTER**  
(1GR-FE: See page [LU-3](#))  
(2UZ-FE: See page [LU-2](#))
5. **REPLACE ENGINE COOLANT**  
(1GR-FE: See page [CO-2](#))  
(2UZ-FE: See page [CO-2](#))
6. **INSPECT EXHAUST PIPES AND MOUNTINGS**

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

**7. INSPECT AIR FILTER**

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

**HINT:**

Oiliness may indicate a stuck PCV valve.

If necessary, replace the air filter.

- (b) Clean the air filter with compressed air.  
First blow from the inside of the filter thoroughly then repeat from the outside.

**8. REPLACE AIR FILTER**

Replace the air filter with a new one.

**9. INSPECT FUEL LINES AND CONNECTIONS, AND FUEL TANK VAPOR VENT SYSTEM HOSES AND FUEL TANK BAND**

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

**10. REPLACE GASKET IN FUEL TANK CAP**

- (1GR-FE: See page [EC-6](#))  
(2UZ-FE: See page [EC-9](#))

11. REPLACE SPARK PLUGS  
(1GR-FE: See page [IG-1](#))  
(2UZ-FE: See page [IG-1](#))
12. INSPECT CHARCOAL CANISTER  
(1GR-FE: See page [EC-6](#))  
(2UZ-FE: See page [EC-9](#))