MAINTENANCE ENGINE GENERAL MAINTENANCE

CAUTION / NOTICE / HINT

HINT

Perform these procedures after the engine has cooled down.

PROCEDURE

■ 1.REPLACE TIMING BELT (for 1HZ)

a. Replace the timing belt.

Туре	See procedure
1HZ	(
)

■ 2.INSPECT VALVE CLEARANCE (for 1GR-FE, 1HZ)

a. <u>Inspect the valve clearance.</u>

Туре	See procedure
1GR-FE	(
)
1HZ	(
)

■ 3.INSPECT DRIVE BELT

a. Inspect the drive belt.

Туре	See procedure
1GR-FE	(
)
1HZ	(
)
1VD-FTV	(
)

■ 4.REPLACE ENGINE OIL AND OIL FILTER

a. Replace the engine oil and filter.

Туре	See procedure
1GR-FE	(
1HZ	(

Туре	See procedure
1VD-FTV	(
)

■ 5.INSPECT COOLING AND HEATER SYSTEM

a. Check that the radiator, condenser and/or intercooler is not blocked with leaves, dirt or insects, and clean them if necessary. Also check the hose connection for the installation condition, corrosion, etc.

6.INSPECT ENGINE COOLANT

a. Inspect the engine coolant.

Туре	See procedure
1GR-FE	(
)
1HZ	(
)
1VD-FTV	(
)

7.REPLACE ENGINE COOLANT

a. Replace the engine coolant.

Туре	See procedure
1GR-FE	(
1HZ	(
1VD-FTV	(

8.INSPECT OIL COOLER HOSE AND CONNECTIONS (for 1GR-FE)

a. Check the oil cooler hoses for cracks, leakage, loose connections and deformation.

9.INSPECT EXHAUST PIPES AND MOUNTINGS

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

■ 10.REPLACE SPARK PLUGS

a. Replace the spark plugs.

Туре	See procedure
1GR-FE	((a)
)

a. Inspect the battery electrolyte level.

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Туре	See procedure
1GR-FE	(
1HZ	(
)
1VD-FTV	(E
)

12.REPLACE FUEL FILTER (for 1GR-FE, 1HZ)

a. Replace the fuel filter.

Туре	See procedure
1GR-FE	(
)
1HZ	(

13.INSPECT WATER SEDIMENT ACCUMULATOR (for 1HZ, 1VD-FTV)

Inspect the water sediment accumulator.

Туре	See procedure
1HZ	(
1VD-FTV	(

■ 14.INSPECT AIR CLEANER FILTER

- **a.** Remove the air cleaner filter.
- **b.** Visually check that the air cleaner filter is not excessively damaged or oily. If necessary, replace the air cleaner filter with a new one.
- **c.** If cleaning an air cleaner filter element, blow compressed air to clean it.
- d. Reinstall the air cleaner filter.

■ 15.INSPECT AIR CLEANER CASE

a. Check if foreign matter has accumulated in the bottom of the air cleaner case. If foreign matter has accumulated in the bottom of the air cleaner case, clean the air cleaner case.

NOTICE:

When cleaning the air cleaner case, prevent any foreign matter from entering into the engine.

■ 16.INSPECT IDLE SPEED (for 1HZ)

a. Inspect the idle speed.

Туре	See procedure
1HZ	(

■ 17.INSPECT FUEL TANK CAP GASKET

a. Inspect the fuel tank cap gasket.

Туре	See procedure
1GR-FE	(
)
1HZ	(
	i i
)
1VD-FTV	_ (
	i i
)

- 18.INSPECT FUEL LINES, FUEL LINE CONNECTIONS, FUEL TANK VAPOR VENT SYSTEM HOSES AND FUEL TANK BAND
- **a.** Visually check the fuel lines and hoses for cracks, leakage, loose connections and deformation. Also, visually check the tank band for looseness.
- 19.INSPECT CHARCOAL CANISTER (for 1GR-FE)

a. Inspect the charcoal canister.

Туре	See procedure
1GR-FE	(

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