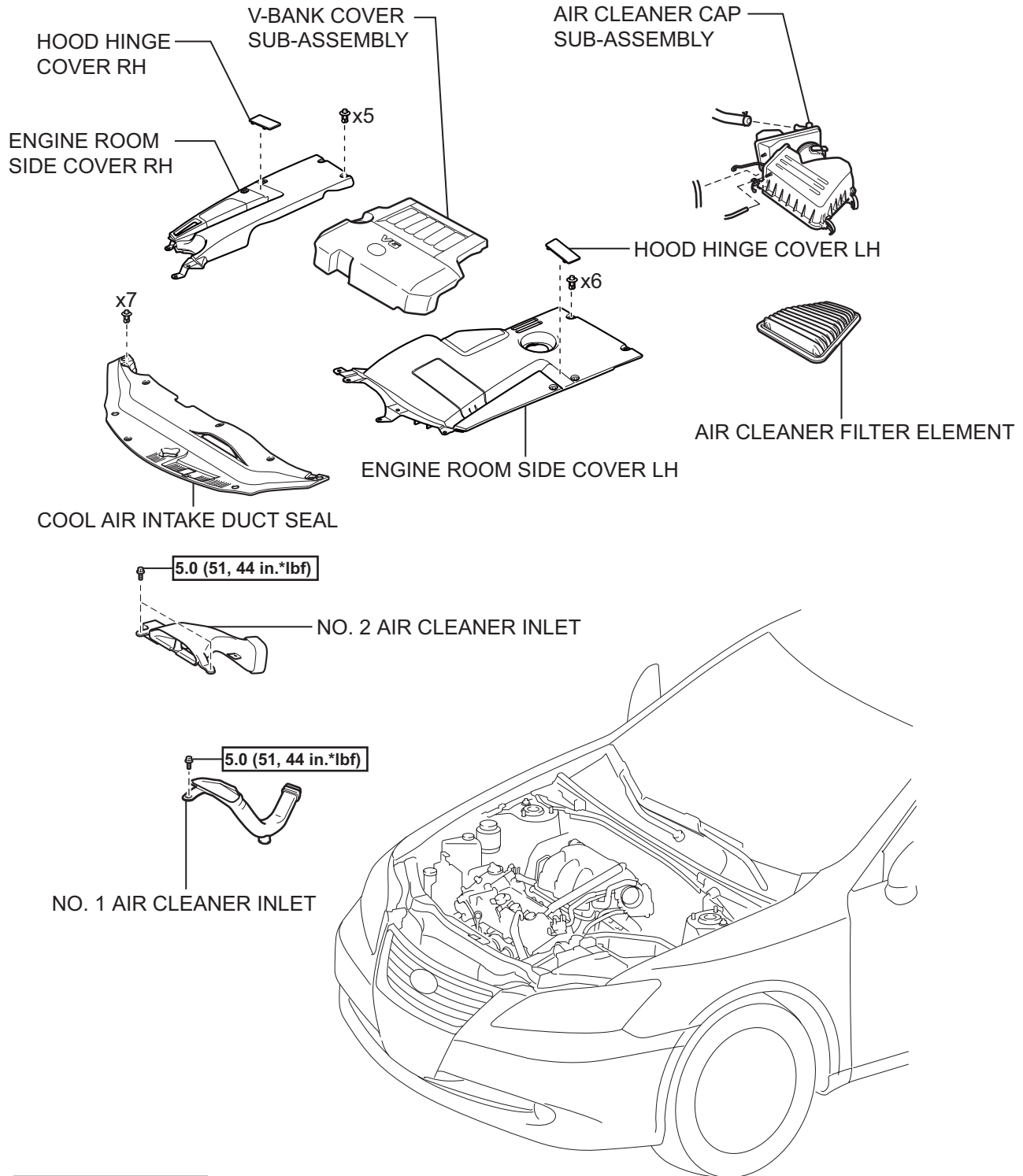


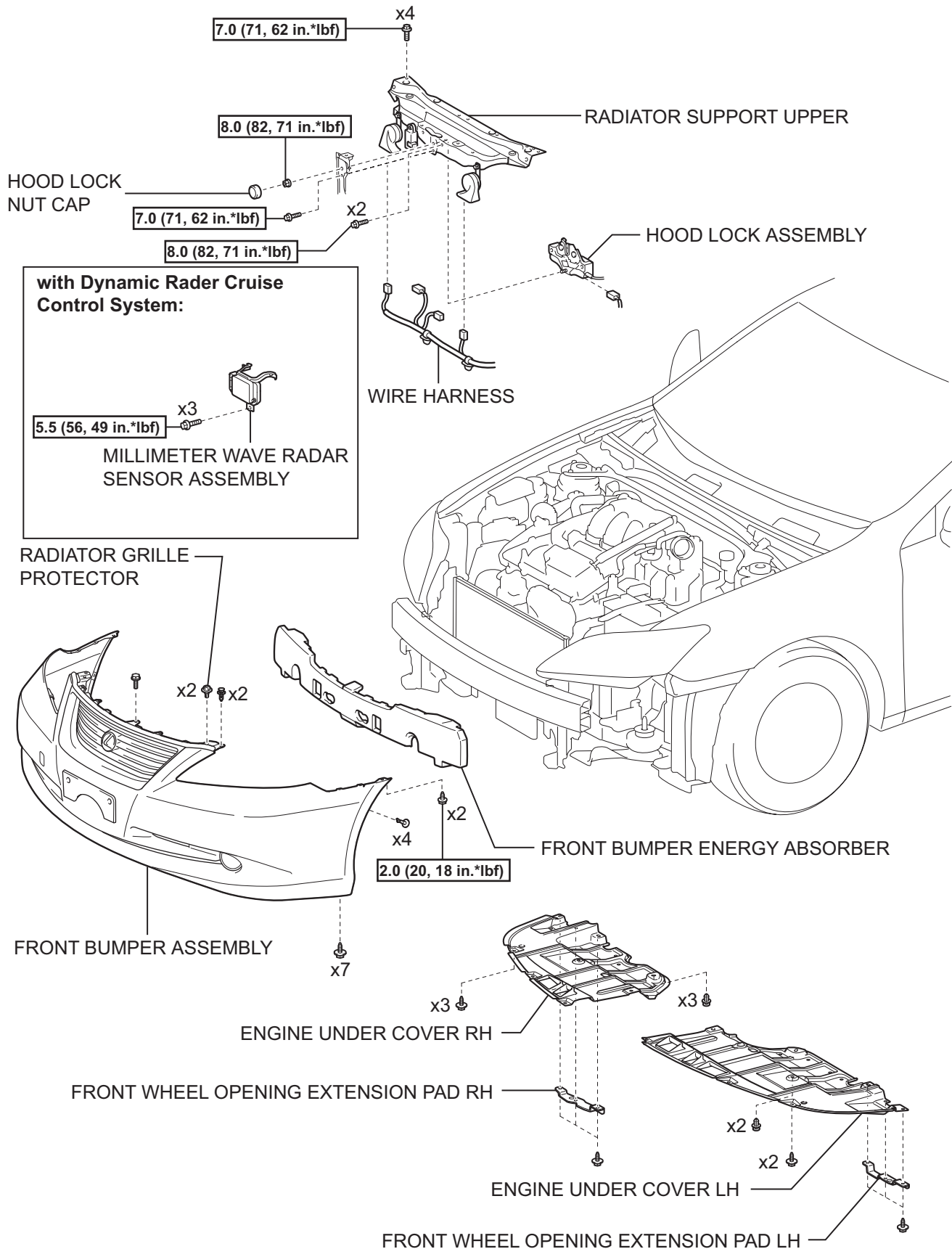
RADIATOR

COMPONENTS

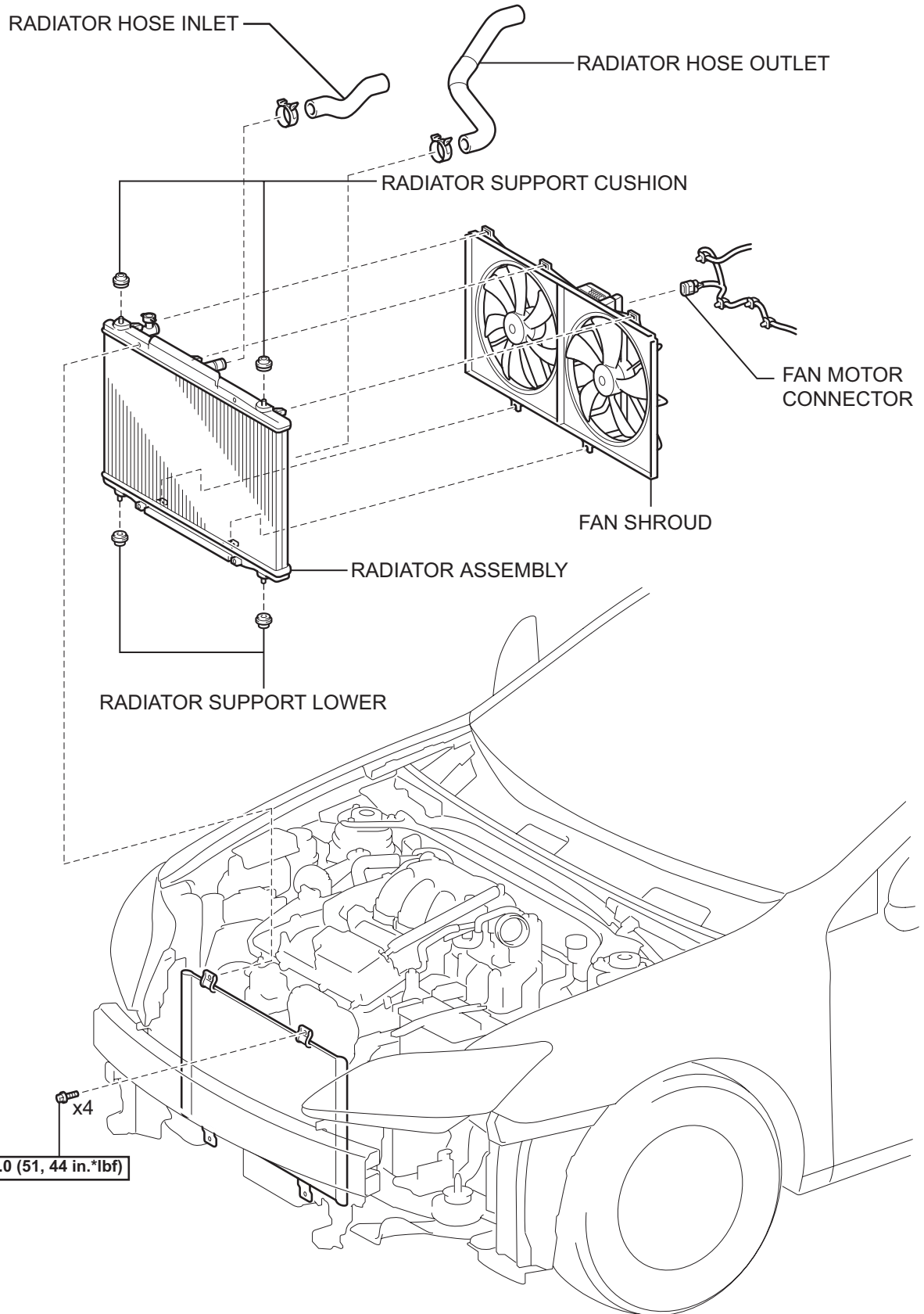


N*m (kgf*cm, ft.*lbf): Specified torque

CO



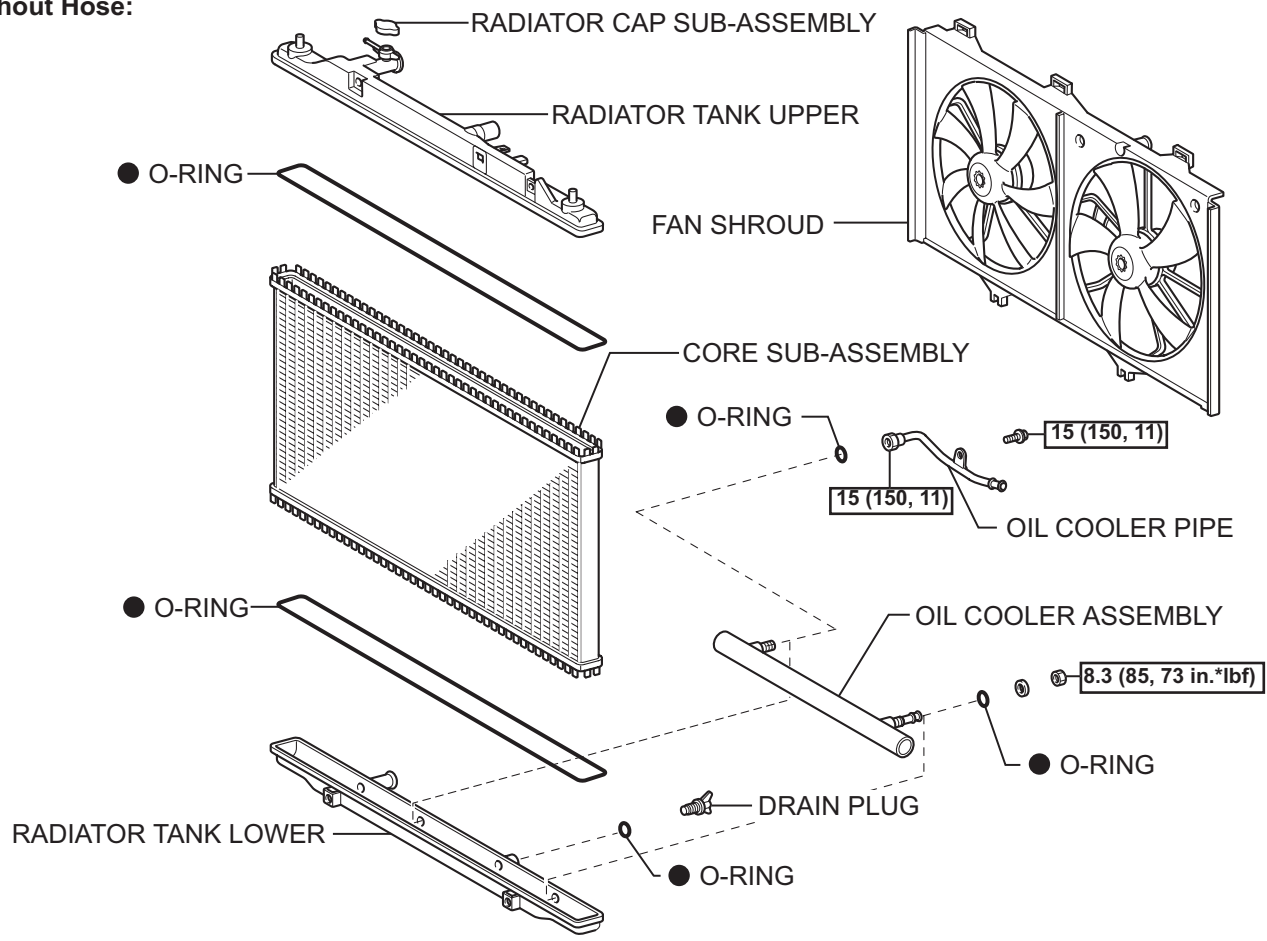
N*m (kgf*cm, ft.*lbf) : Specified torque



N*m (kgf*cm, ft.*lbf) : Specified torque

CO

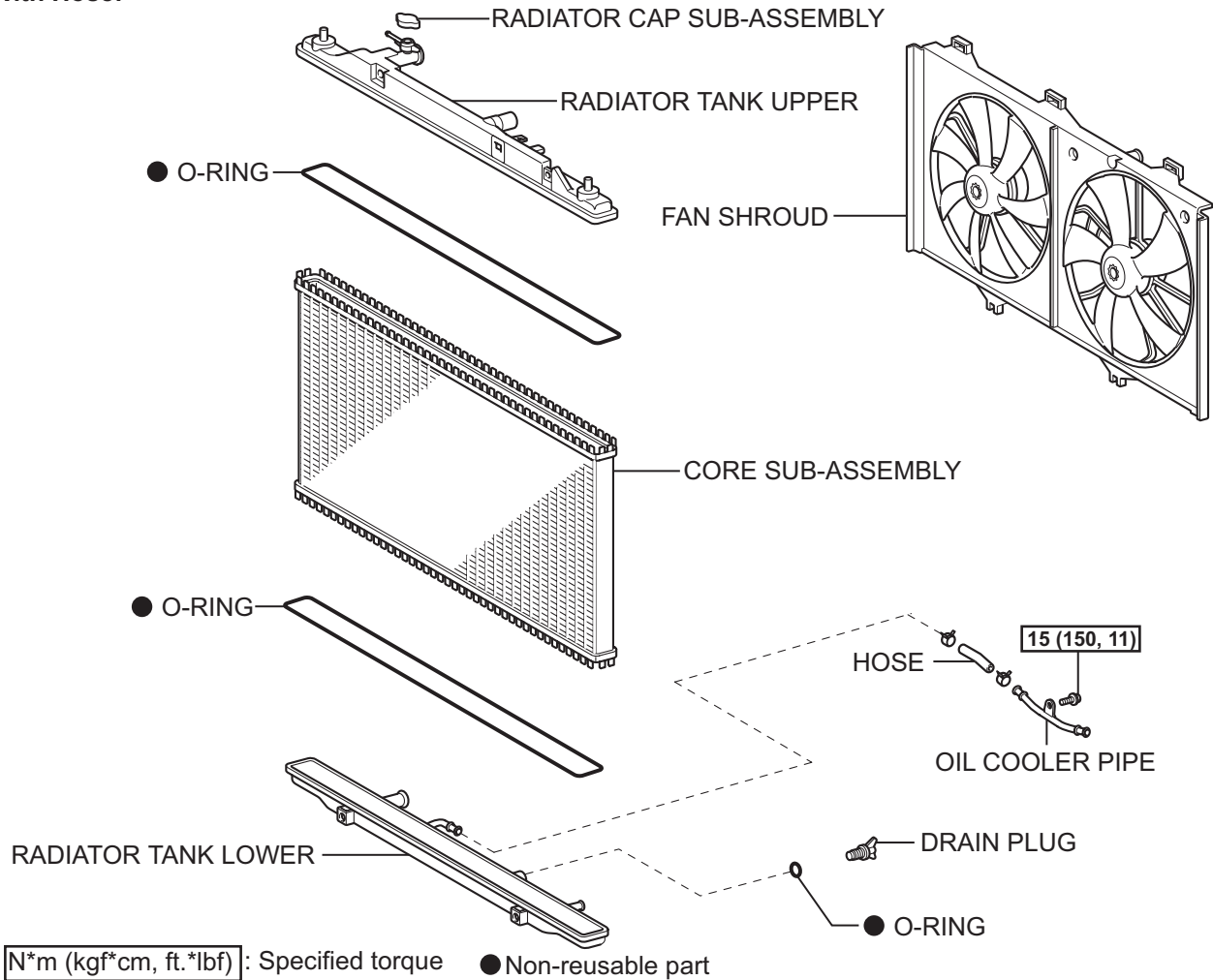
Without Hose:



N*m (kgf*cm, ft.*lbf) : Specified torque ● Non-reusable part

CO

With Hose:



CO

T

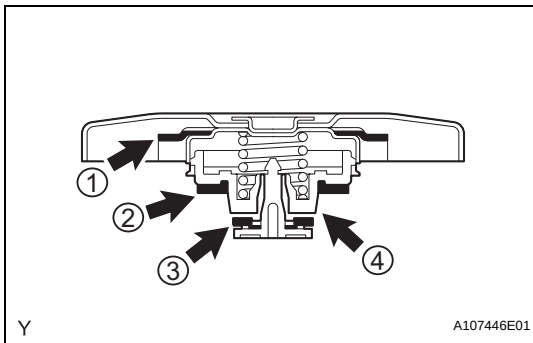
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ON-VEHICLE INSPECTION

1. CHECK RADIATOR CAP SUB-ASSEMBLY

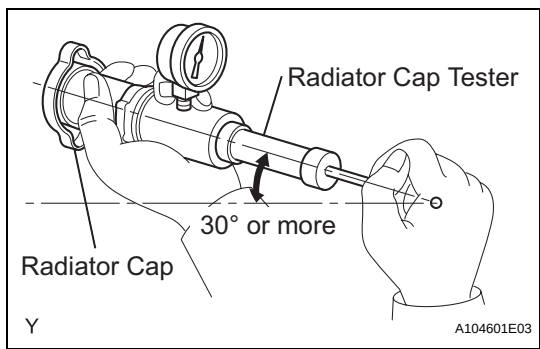
(a) Measure the valve opening pressure.

- (1) If there are water stains or foreign matter on rubber packings 1, 2 or 3, clean the part(s) with water and finger scouring.
- (2) Check that rubber packings 1, 2 and 3 are not deformed, cracked or swollen.
- (3) Check that rubber packings 3 and 4 are not stuck together.
- (4) Apply engine coolant to rubber packings 2 and 3 before using the radiator cap tester.
- (5) When using the cap tester, tilt it to 30° or more above the horizontal.



Y

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- (6) Pump the cap tester several times, and check the maximum pressure. ^{*1}

Pumping speed:
1 pump every second

^{*1}: Even if the cap cannot maintain the maximum pressure, it is not a defect.

Judgment Criteria

Item	Specified Condition
Standard valve (for brand-new cap)	93.3 to 122.7 kPa (0.95 to 1.25 kgf/cm ² , 13.5 to 17.8 psi)
Minimum standard valve (after using cap)	78.5 kPa (0.8 kgf/cm ² , 11.4 psi)

If the maximum pressure is less than the specified pressure for the minimum standard valve, replace the radiator cap sub-assembly.

ON-VEHICLE CLEANING

1. INSPECT FINS BLOCKAGE

- (a) If the fins are clogged, wash them with water or a steam cleaner. Dry with compressed air.

NOTICE:

- If the distance between the steam cleaner and the core is too close, the fins may become damaged. Keep the following injection distance.
Standard

Injection Distance	Injection Pressure
300 mm (11.81 in.)	2,942 to 4,903 kPa (30 to 50 kg/cm ² , 427 to 711 psi)
500 mm (19.69 in.)	4,903 to 7,845 kPa (50 to 80 kg/cm ² , 711 to 1,138 psi)

- If the fins are bent, straighten them with a screwdriver or pliers.
- Never apply water directly onto the electronic components.

