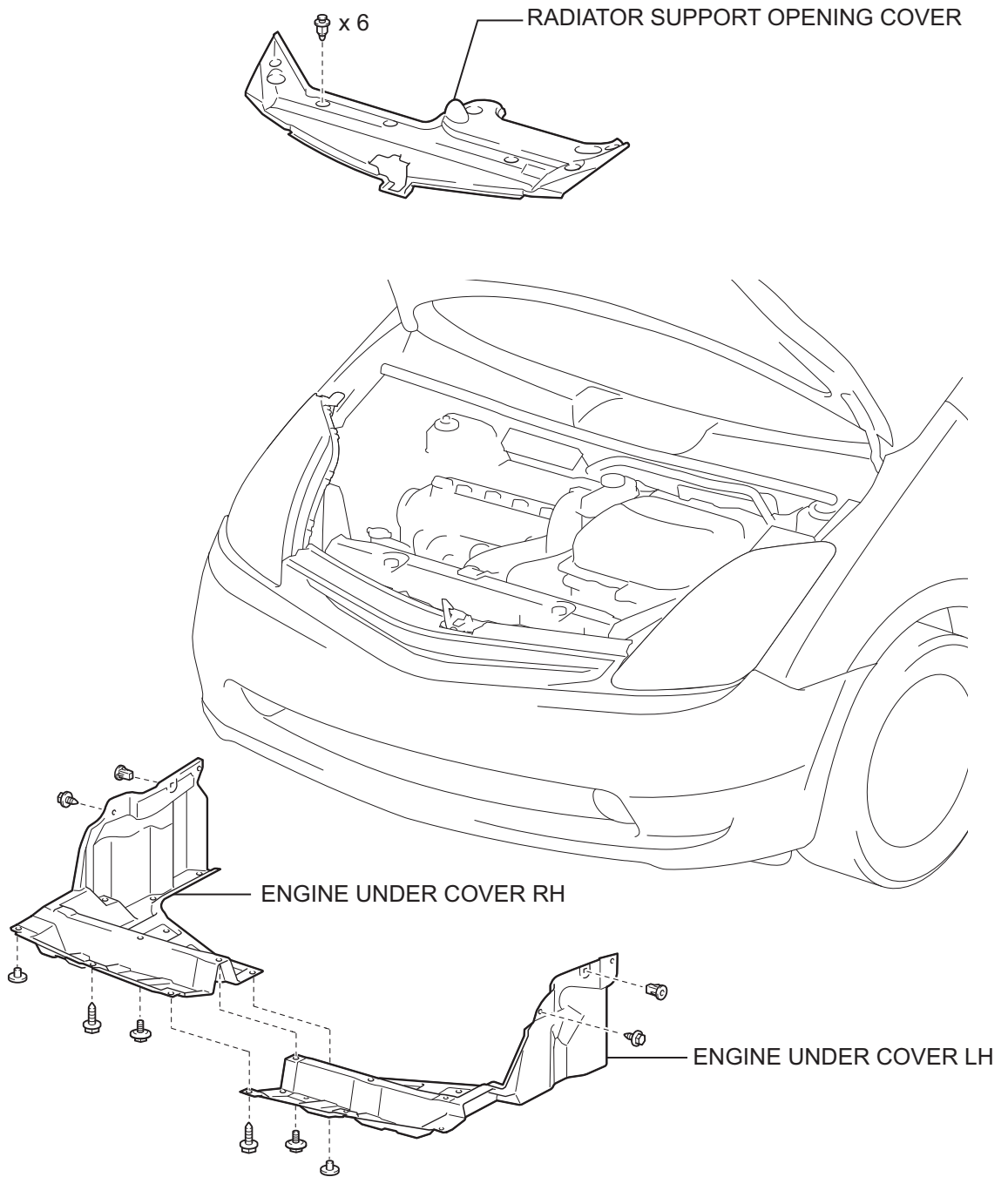
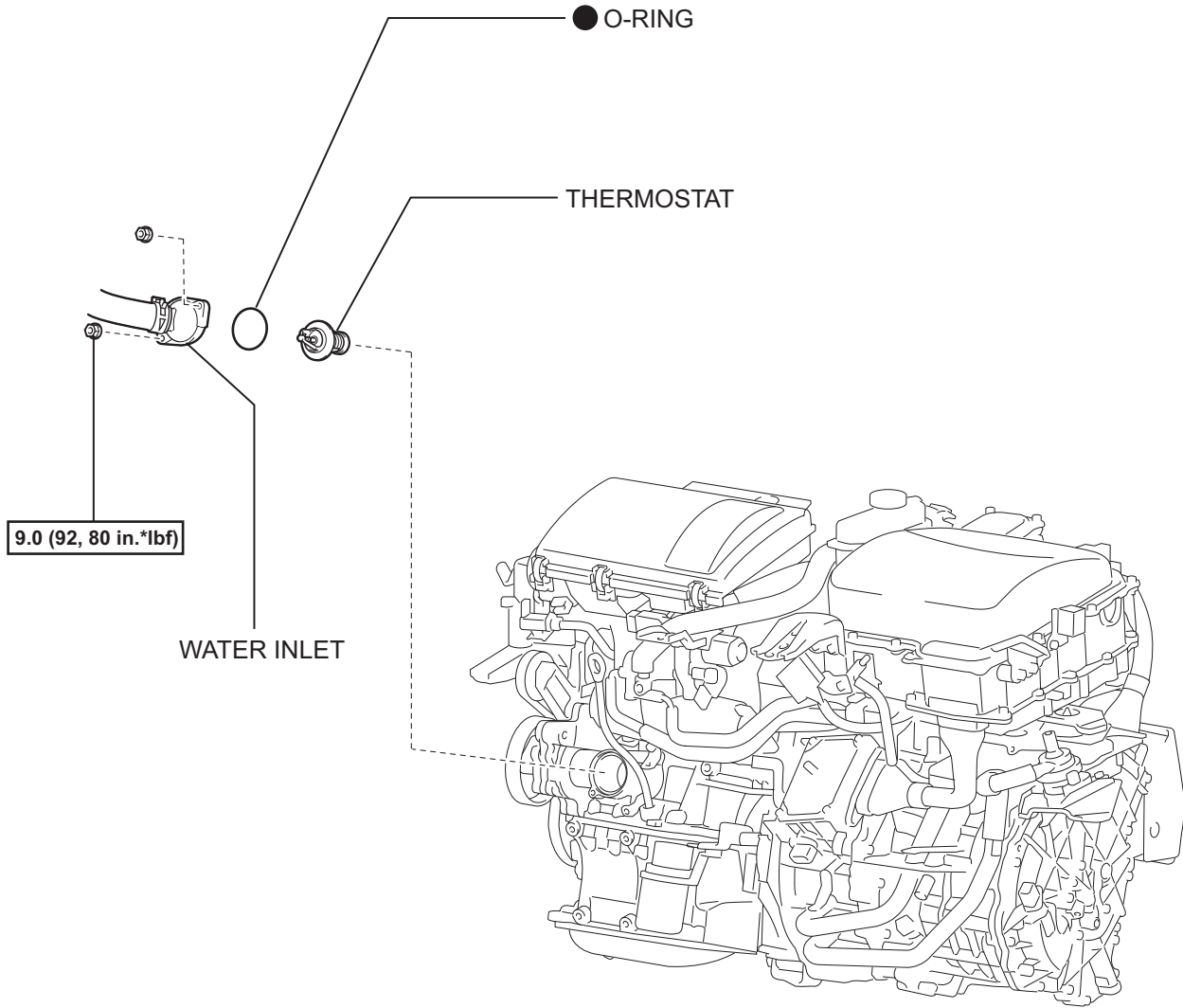


# THERMOSTAT COMPONENTS



CO

CO



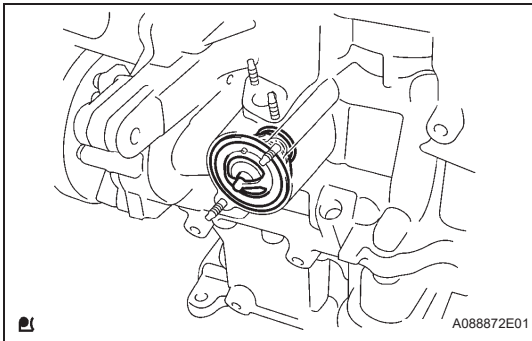
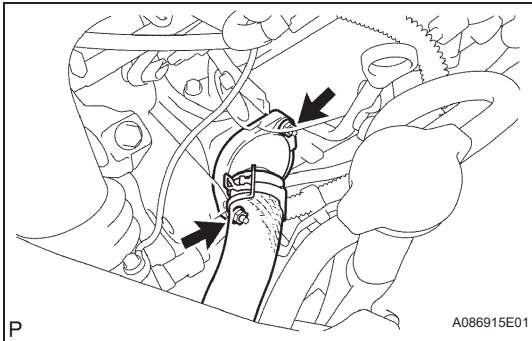
**N\*m (kgf\*cm, ft.\*lbf)** : Specified torque

● Non-reusable part

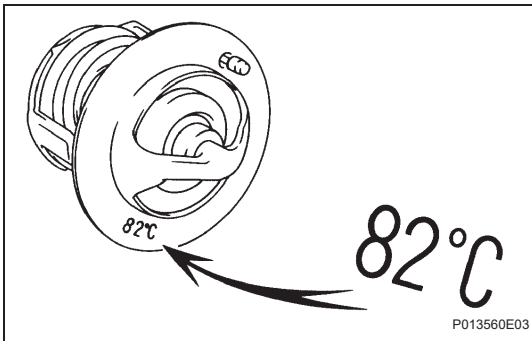
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## REMOVAL

1. REMOVE RADIATOR SUPPORT OPENING COVER  
(See page CO-6)
2. REMOVE ENGINE UNDER COVER LH
3. REMOVE ENGINE UNDER COVER RH
4. DRAIN ENGINE COOLANT (See page CO-6)
5. REMOVE WATER INLET
  - (a) Remove the 2 nuts and disconnect the water inlet from the cylinder block.

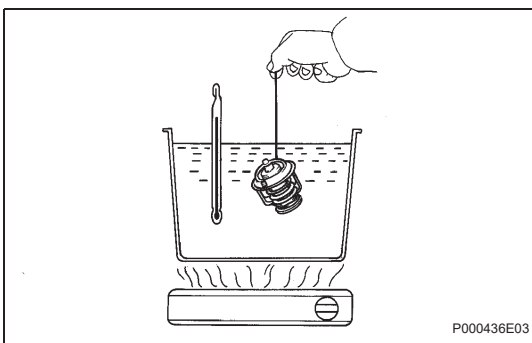


6. REMOVE THERMOSTAT
  - (a) Remove the thermostat.
  - (b) Remove the gasket from the thermostat.

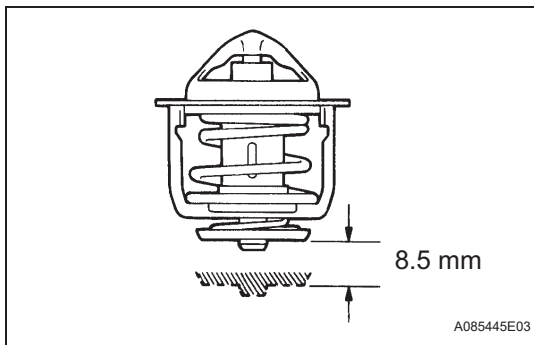


## INSPECTION

1. INSPECT THERMOSTAT  
HINT:  
The valve opening temperature is inscribed on the thermostat.



- (a) Immerse the thermostat in water and then gradually heat the water.
- (b) Check the valve opening temperature of the thermostat.  
**Standard valve opening temperature:**  
**80 to 84°C (176 to 183°F)**  
If the valve opening temperature is not as specified, replace the thermostat.

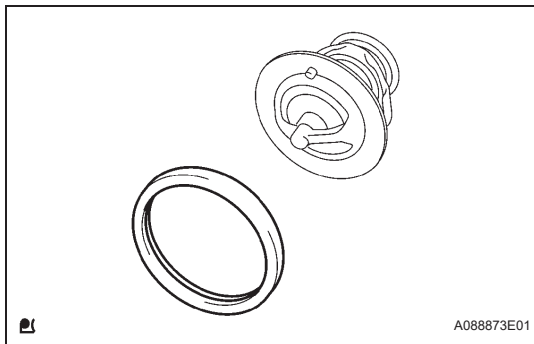


- (c) Check the valve lift.  
**Standard valve lift:**  
**8.5 mm (0.338 in.) or more at 95°C (203°F)**  
 If the valve lift is not as specified, replace the thermostat.
- (d) Check that the valve is fully closed when the thermostat temperature is below 77°C (171°F).  
 If not fully closed, replace the thermostat.

## INSTALLATION

### 1. INSTALL THERMOSTAT

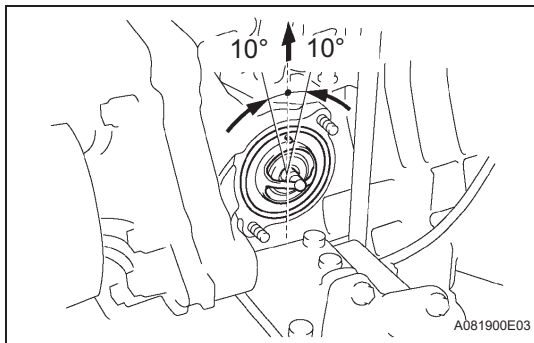
- (a) Install a new gasket to the thermostat.



- (b) Install the thermostat with the jiggle valve facing upward.

HINT:

The jiggle valve may be set within 10° of either side as shown in the illustration.



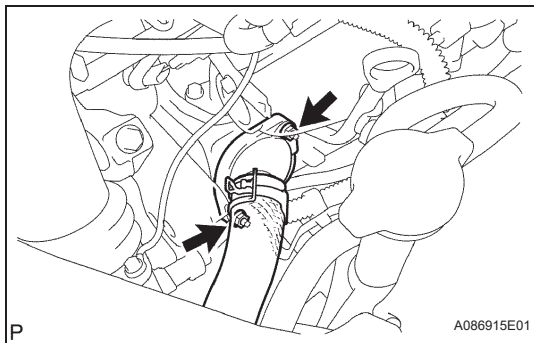
### 2. INSTALL WATER INLET

- (a) Install the water inlet to the cylinder block with the 2 nuts.

**Torque: 9.0 N\*m (92 kgf\*cm, 80 in.\*lbf)**

**NOTICE:**

Ensure that the gasket is not stuck between the water inlet and cylinder block.



### 3. ADD ENGINE COOLANT (See page [CO-7](#))

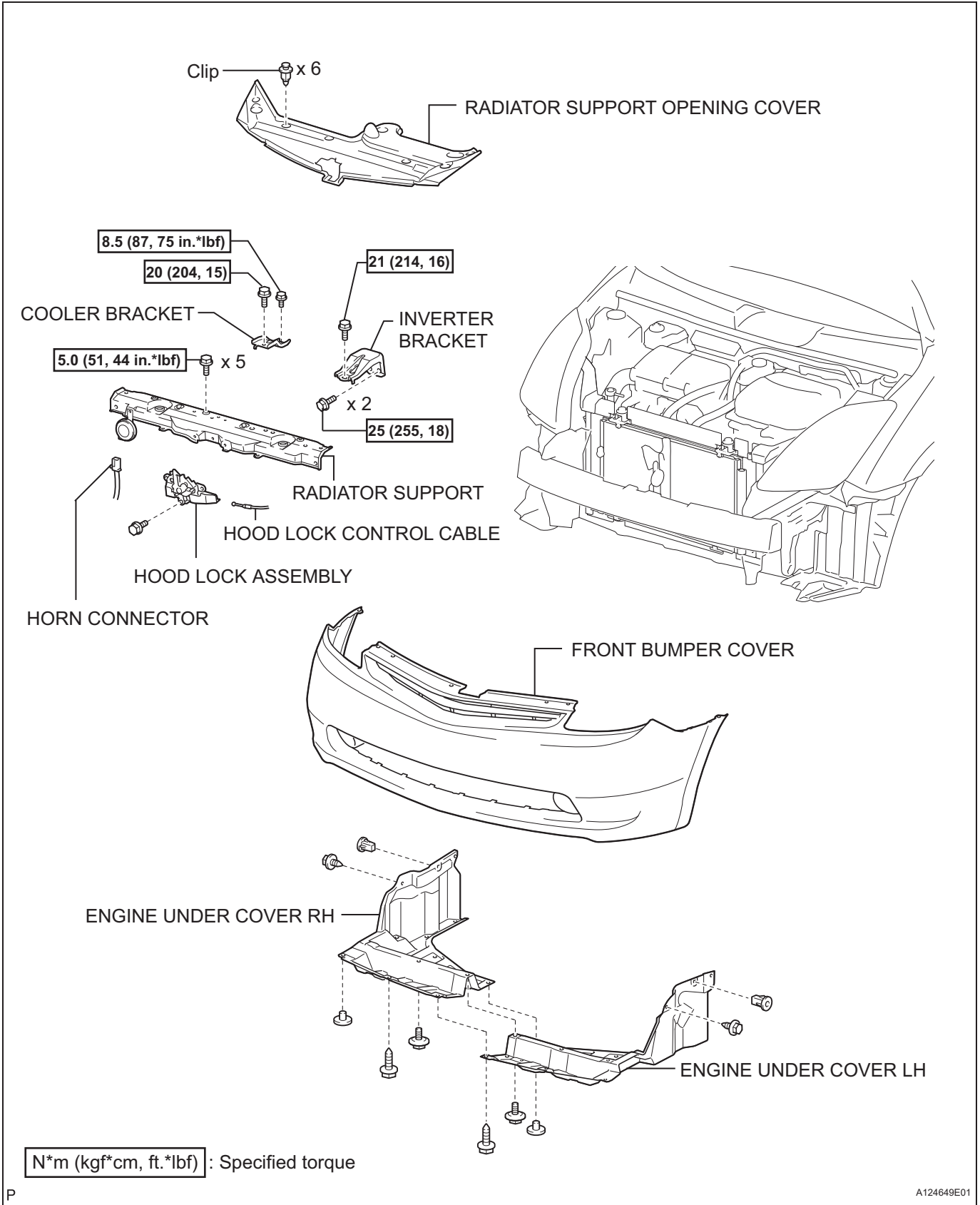
### 4. CHECK FOR ENGINE COOLANT LEAKS (See page [CO-9](#))

### 5. INSTALL ENGINE UNDER COVER RH

### 6. INSTALL ENGINE UNDER COVER LH

### 7. INSTALL RADIATOR SUPPORT OPENING COVER (See page [CO-9](#))

# FAN COMPONENTS



CO