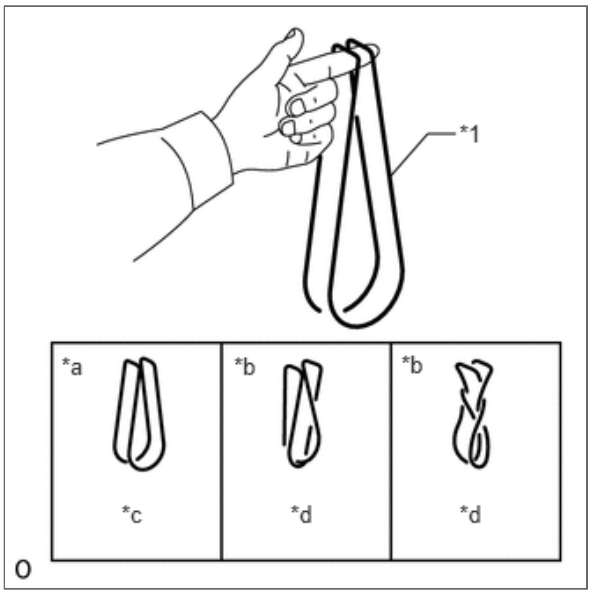
PROCEDURE

1.INSTALL UPPER AND LOWER RADIATOR TANK

a.



*1	O-Ring
*a	CORRECT
*b	INCORRECT
*c	Normal
*d	Twisted

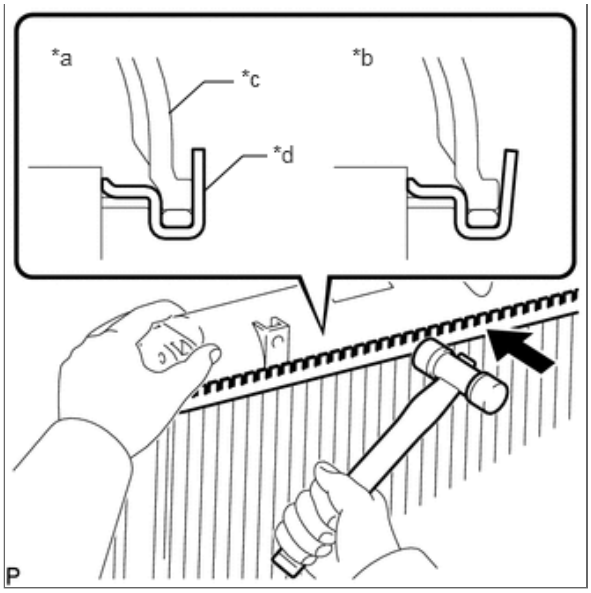
Check that there are no foreign objects in the lock plate groove, and install a new O-ring. Make sure the O-ring is not twisted.

HINT:

When cleaning the lock plate groove, lightly rub it with sandpaper without scratching it.

b. Install the upper and lower radiator tank without damaging the O-ring.

c.



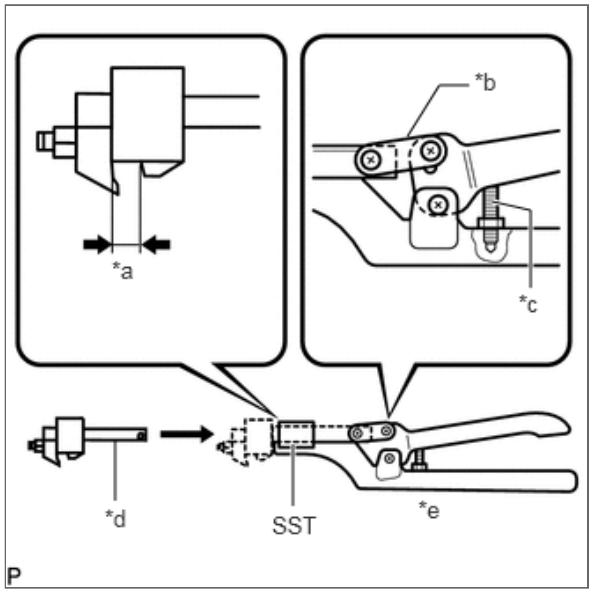
*a	CORRECT
*b	INCORRECT
*c	Tank

*d	Lock Plate

Tab the lock plate with a plastic-faced hammer so that there is no gap between the lock plate and upper and lower radiator tank.

2. ASSEMBLE SST

a.



*a	Dimension B
*b	Part A
*c	Stopper Bolt
*d	Punch Assembly
*e	Overhaul Handle

Install the punch assembly to part A of the overhaul handle as shown in the illustration.

SST

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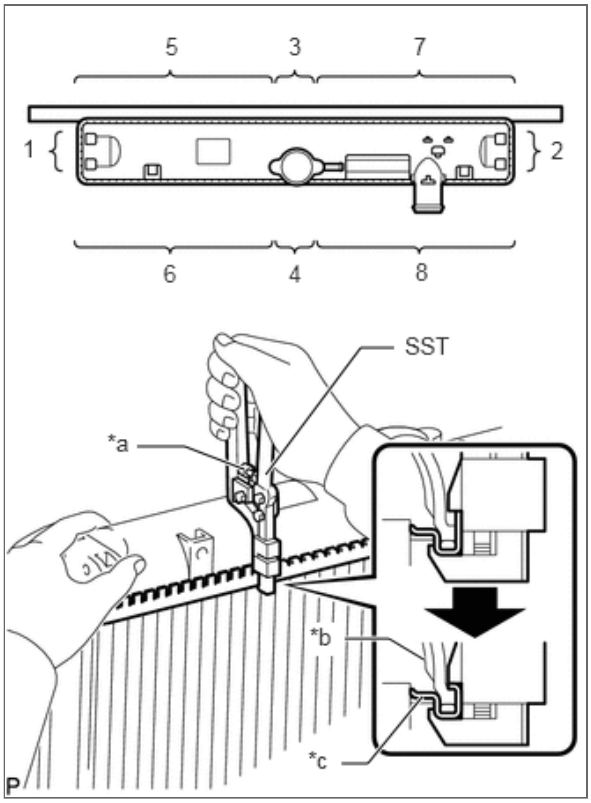
b. While gripping the handle, adjust the stopper bolt so that dimension B is as specified below.

Dimension B:

10.25 mm (0.404 in.)

3.CAULK LOCK PLATE

a.



*a	Stopper Plate
*b	Tank
*c	Lock Plate

Lightly press SST against the lock plate in the order shown in the illustration. After repeating this a few times, fully caulk the lock plate by squeezing the handle until stopped by the stopper bolt.

SST

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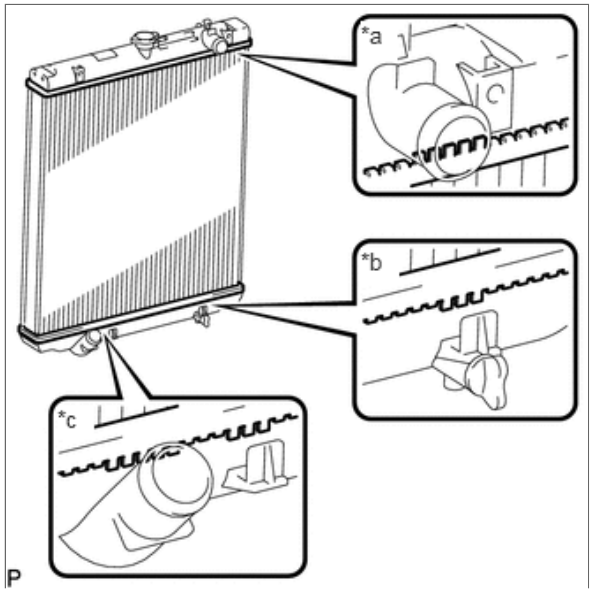
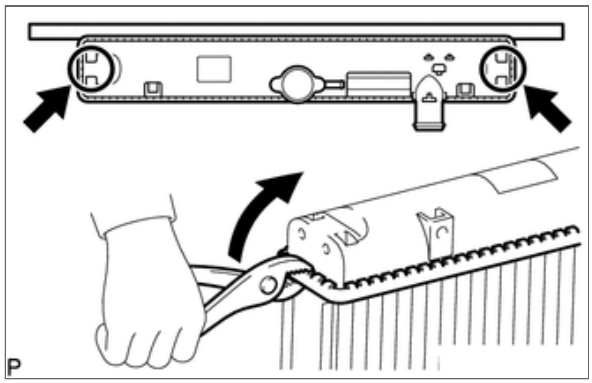
NOTICE:



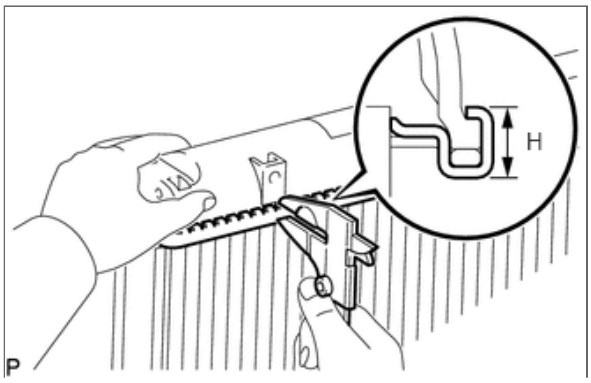
*a	Port and Bracket
*b	Port
*c	Bracket

Do not press the protruding areas around the ports and brackets.



Do not use SST to press the areas indicated by the circle marks in the illustration. Use pliers and be careful not to damage the core plates.

b.



Check the lock plate height H after completing the caulking.

Standard plate height H:
10.25 mm (0.404 in.)

If the height is not as specified, readjust the stopper bolt of the handle and caulk the lock plate again.

4.INSTALL RADIATOR DRAIN COCK PLUG 16400B

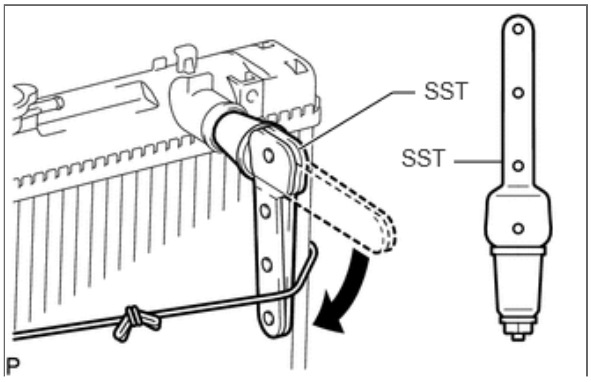
a. Install a new O-ring to the radiator drain cock plug.

b. Install the radiator drain cock plug by hand.

Torque:
2.0 N*m (20 kgf*cm, 18 in.*lbf)

5.INSPECT FOR WATER LEAK

a.



Plug the inlet and outlet ports of the radiator assembly with SST.

SST
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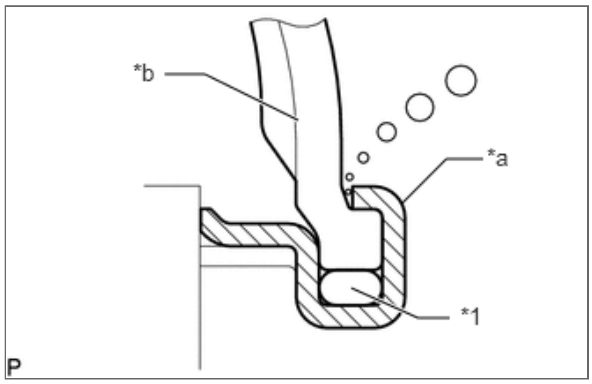
b. Using a radiator cap tester, apply pressure to the radiator assembly.

Standard test pressure:
177 kPa (1.8 kgf/cm^2, 26 psi)

c. Submerge the radiator assembly in water.

d.



*1	O-Ring
*a	Tank
*b	Lock Plate

Inspect for leak.

HINT:
For radiators with resin tanks, there is clearance between the tank and lock plate where a small amount of air will remain. This air is released when the radiator assembly is submerged in water, giving the appearance of an air leak. Before performing the water leak test, first shake the radiator assembly in water until all air bubbles are released.

6.INSTALL RADIATOR SIDE SUPPORT PLATE RH 16453

a. Install the radiator side support plate RH with the 4 bolts.

Torque:
13 N*m (133 kgf*cm, 10 ft.*lbf)

7.INSTALL RADIATOR SIDE SUPPORT PLATE LH 16454

a. Install the radiator side support plate LH with the 4 bolts.

Torque:
13 N*m (133 kgf*cm, 10 ft.*lbf)