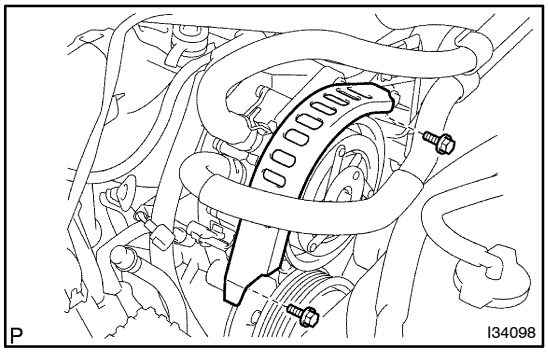
550SG–01

REPLACEMENT

HINT:

COMPONENTS: See page 55–123

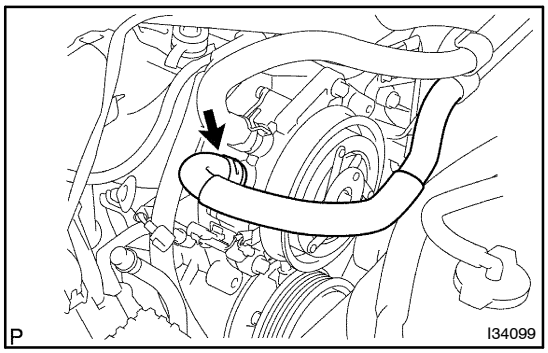
1. REMOVE ENGINE UNDER COVER SUB–ASSY NO.1



2. REMOVE HEATER BRACKET FRONT

(a) Remove the 2 bolts and heater bracket front.

3. REMOVE FAN AND GENERATOR V BELT (See page 14–139)



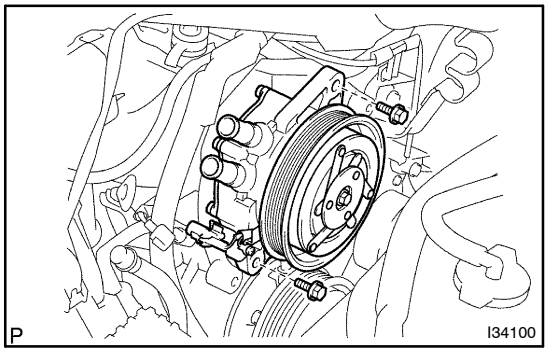
4. DISCONNECT WATER BY–PASS HOSE

(a) Using pliers, grip the claws of clip and side the clip and disconnect the water by–puss hose.

5. DISCONNECT HEATER WATER OUTLET HOSE C

HINT:

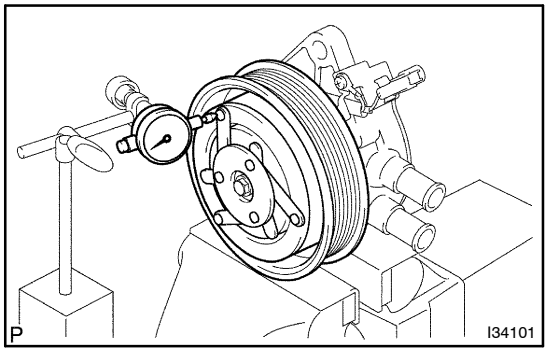
Disconnection of the heater water outlet hose C is same as the water by–pass hose.



6. REMOVE VISCOUS W/MAGNET CLUTCH HEATER ASSY

(a) Disconnect the connector.

(b) Remove the 2 bolts and viscous w/ magnet clutch heater assy.



7. INSPECT MAGNETIC CLUTCH CLEARANCE

(a) Place the viscous w/ magnet clutch heater assy in vise.

(b) Set the dial indicator to the magnet clutch hub.

(c) Connect the battery positive lead to the terminal 1 of magnet clutch connector and the negative lead to the earth wire. Turn on and off the magnet clutch and measure the clearance.

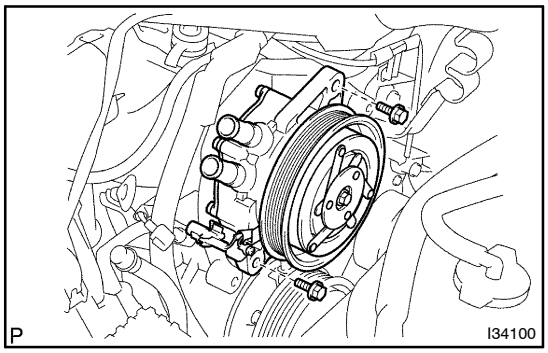
Standard clearance:

0.35 – 0.60 mm (0.03 – 0.023 in)

If the measured value is out of the standard range, remove the magnet clutch hub and adjust it with magnet clutch washers.

NOTICE:

Adjustment shall be performed with 3 or less magnet clutch washers.



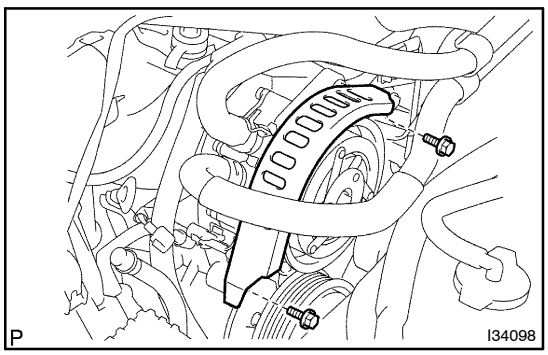
8. INSTALL VISCOUS W/ MAGNET CLUTCH HEATER ASSY

(a) Install the viscous w/ magnet clutch heater assy with the 2 bolts.

Torque: 45 N·m (459 kgf·cm, 33 ft·lbf)

(b) Connect the connector.

9. INSTALL FAN AND GENERATOR V BELT (See page 14–139)



10. INSTALL HEATER BRACKET FRONT

(a) Install the heater bracket front with the 2 bolts.

Torque: 25 N·m (255 kgf·cm, 18 ft·lbf)

11. INSTALL ENGINE UNDER COVER SUB–ASSY NO.1