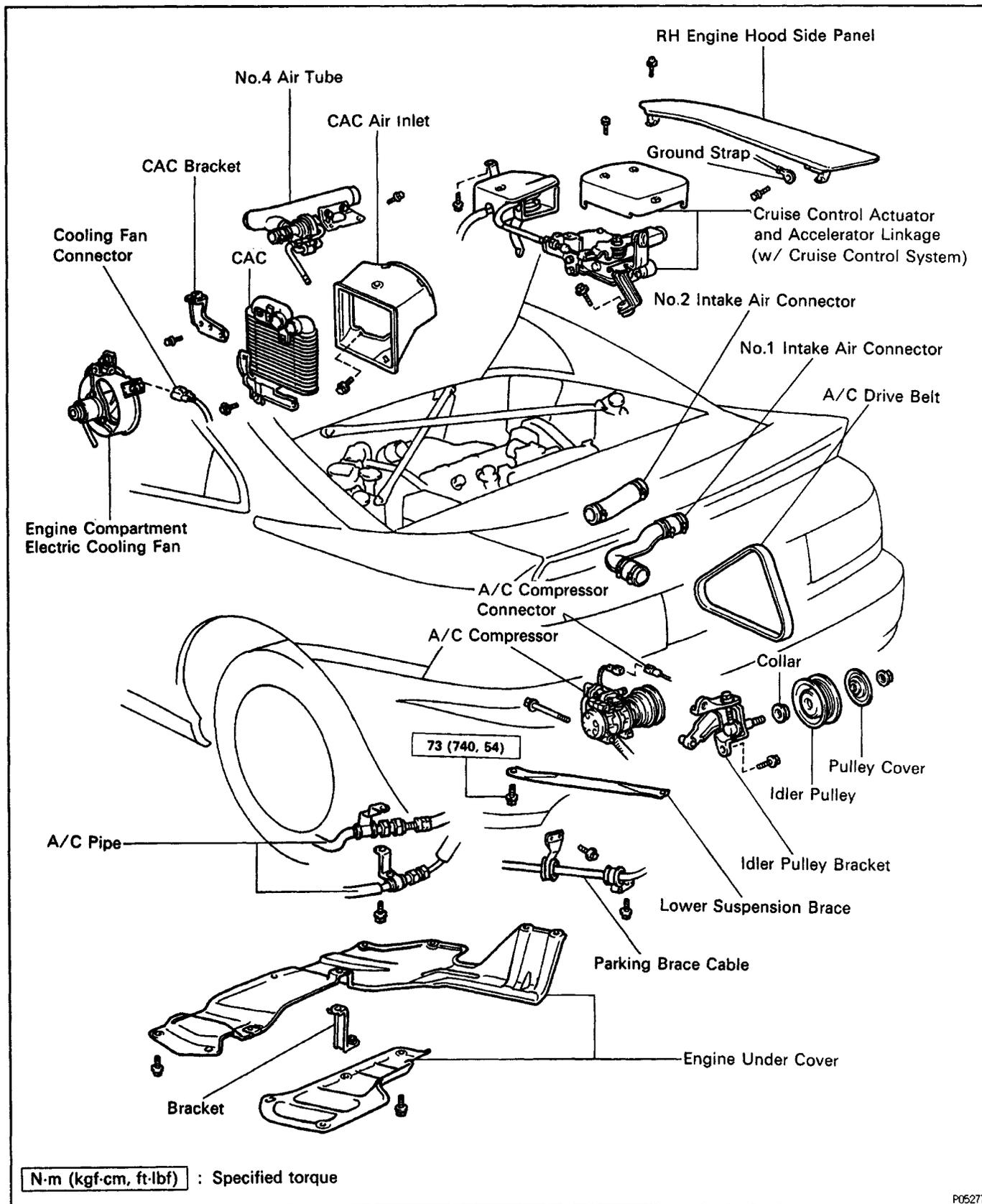
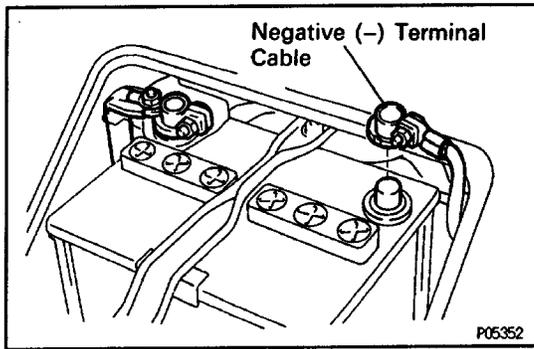


CHARGE AIR COOLER (CAC) COMPONENTS FOR REMOVAL AND INSTALLATION

EG0X5-01





CRC REMOVAL

(See Components for Removal and Installation)

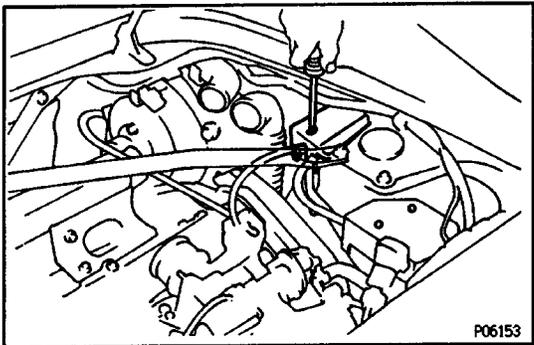
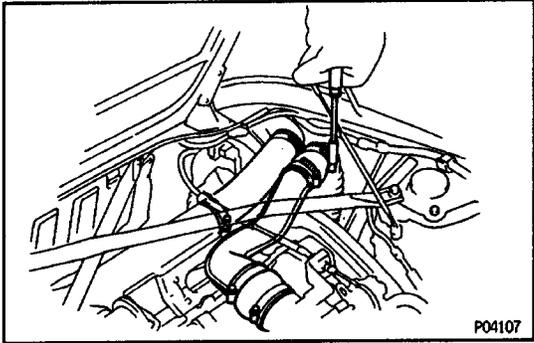
1. DISCONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY

CAUTION: Turn the ignition switch to "LOCK". Disconnect the negative terminal from the battery. Wait at least 20 seconds before proceeding with work.

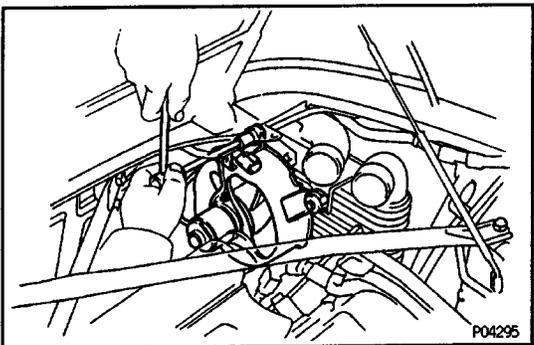
2. REMOVE ENGINE UNDER COVERS

3. REMOVE RH ENGINE HOOD SIDE PANEL

4. REMOVE NO.1 AND NO.2 INTAKE AIR CONNECTORS

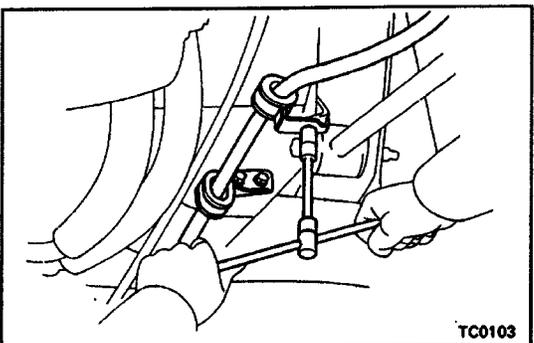


5. (w/ CRUISE CONTROL SYSTEM) REMOVE CRUISE CONTROL ACCELERATOR LINKAGE



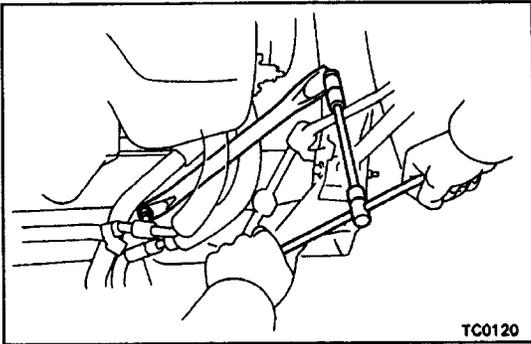
6. REMOVE ENGINE COMPARTMENT ELECTRIC COOLING FAN

- (a) Disconnect the cooling fan connector.
- (b) Loosen the three bolts, and remove the cooling fan.

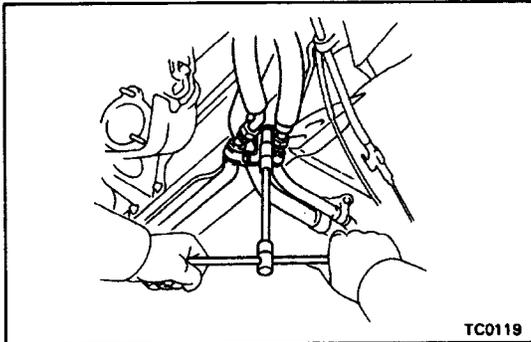


7. DISCONNECT A/C COMPRESSOR FROM ENGINE

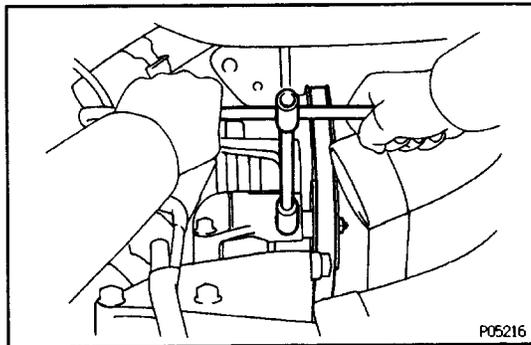
- (a) Remove the three clamp bolts, and disconnect the parking brake cable.



(b) Remove the two bolts and suspension brace.

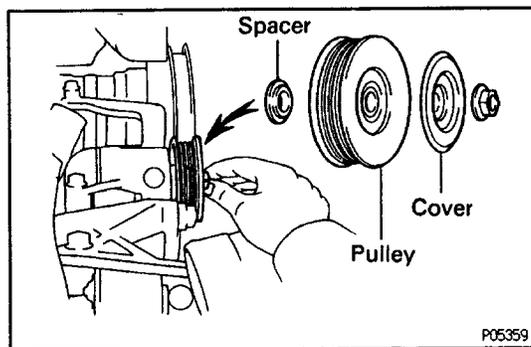


(c) Remove the clamp nut, and disconnect the two A/C pipes.

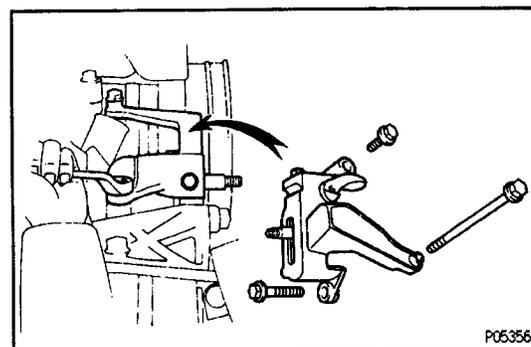


(d) Loosen the idler pulley nut.

(e) Loosen the adjusting bolt, and remove the drive belt.

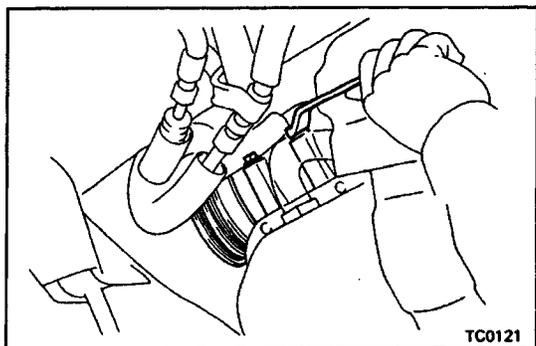


(f) Remove the nut, pulley cover, idler pulley and spacer.

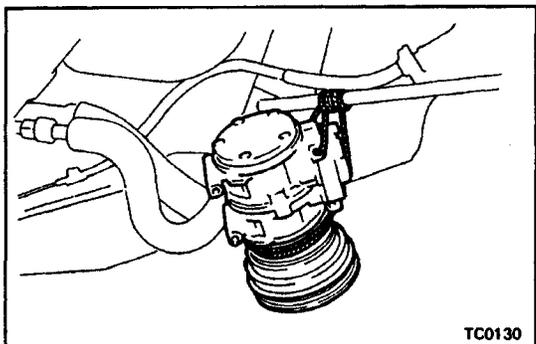


(g) Disconnect the A/C compressor connector.

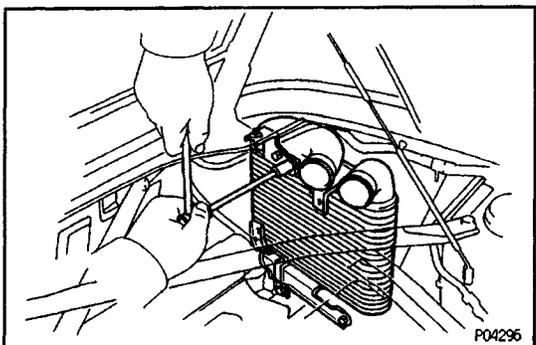
(h) Remove the three bolts and idler pulley bracket.



- (i) Remove the two bolts, and disconnect the A/C compressor from the engine.

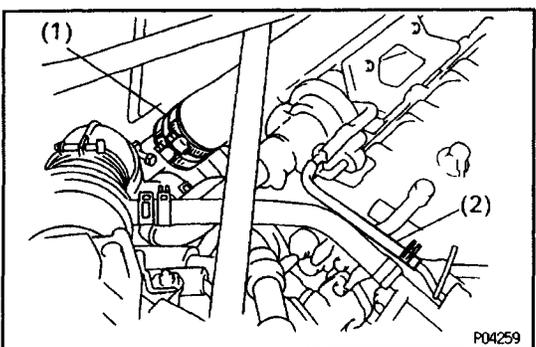


HINT: Suspend the A/C compressor to strut rod with a string.



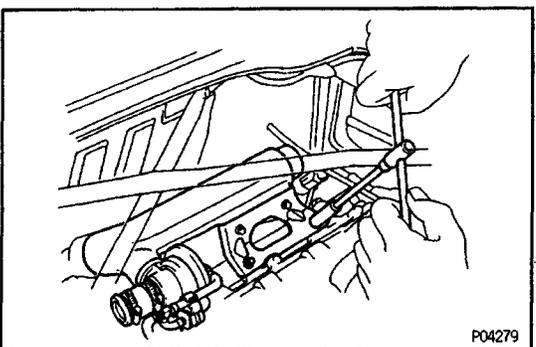
8. REMOVE CAC

- (a) Remove the two bolts holding the CAC to the upper bracket.
 (b) Remove the three bolts, upper bracket and CAC.

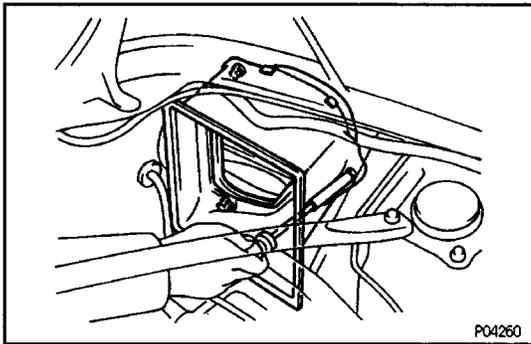


9. REMOVE NO.4 AIR TUBE

- (a) Disconnect the following hoses:
 (1) Air connector from No.4 air tube
 (2) Air hose from No.2 air tube

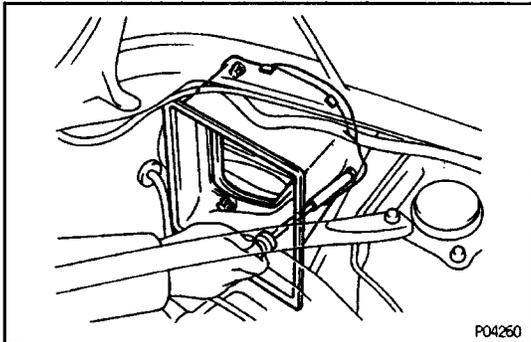


- (b) Remove the two bolts and No.4 air tube.



10. REMOVE COOL AIR INLET

Remove the three bolts and air inlet.



CAC INSTALLATION

(See Components for Removal and Installation)

EG0X7-01

1. INSTALL COOL AIR INLET

Install the air inlet with the three bolts.

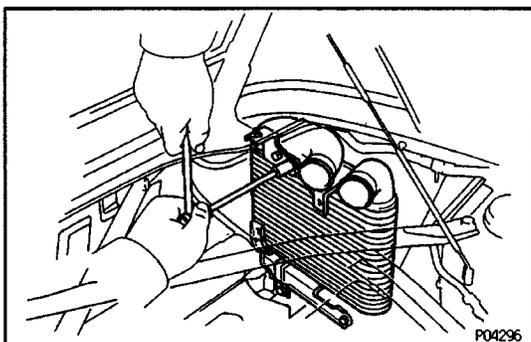
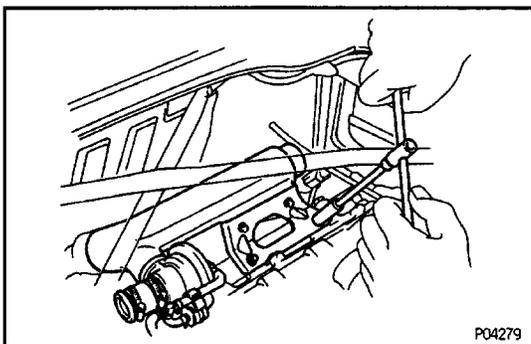


2. INSTALL NO.4 AIR TUBE

(a) Connect the following hoses:

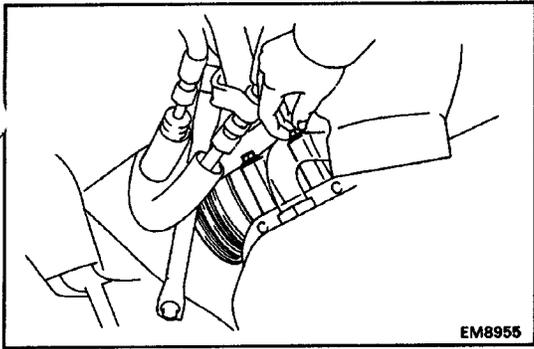
- (1) Air connector to No.4 air tube
- (2) Air hose to No.2 air tube

(b) Install the No.4 air tube with the two bolts.



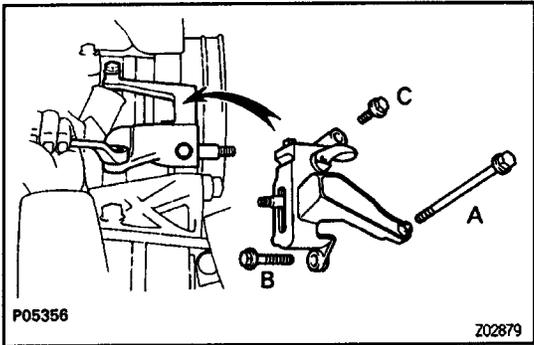
3. INSTALL CAC

Install the CAC and upper bracket with the five bolts.



4. INSTALL A/C COMPRESSOR

- (a) Temporarily install the A/C compressor with the with the two bolts.



- (b) Install the idler pulley bracket with the three bolts.

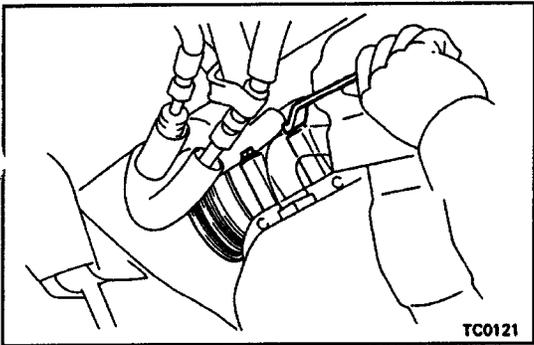
Torque:

25 N-m (250 kgf-cm, 18 ft-lbf) for A

27 N-m (275 kgf-cm, 20 ft-lbf) for B

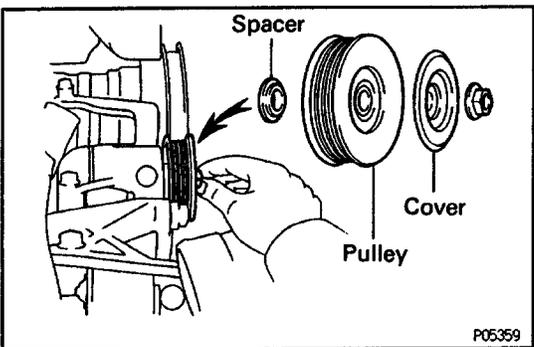
37 N-m (375 kgf-cm, 27 ft-lbf) for C

- (c) Connect the A/C compressor connector.

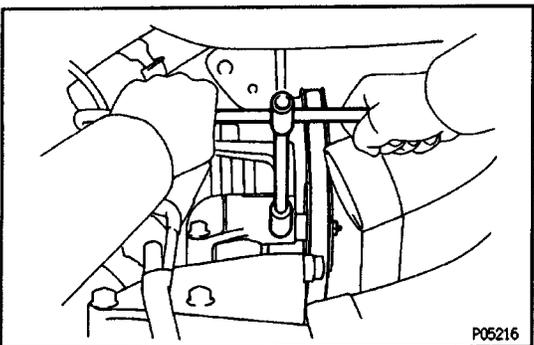


- (d) Tighten the two bolts of the lower side of the A/C compressor.

Torque: 25 N-m (250 kgf-cm, 18 ft-lbf)

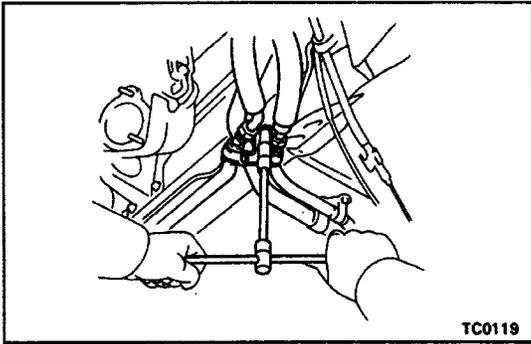


- (e) Temporarily install the spacer, idler pulley and pulley cover with the nut.

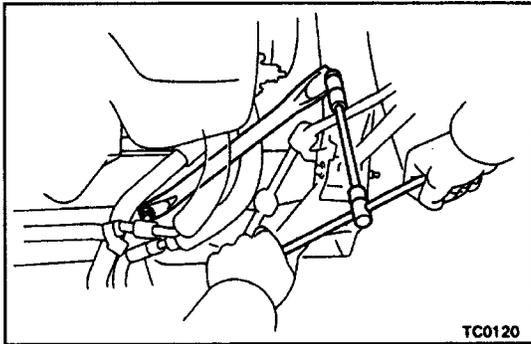


- (f) Install the drive belt with the adjusting bolt.

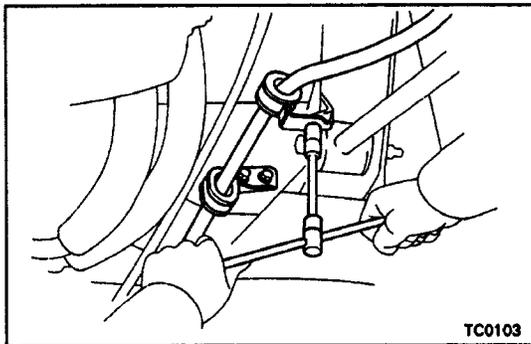
- (g) Tighten the idler pulley nut.



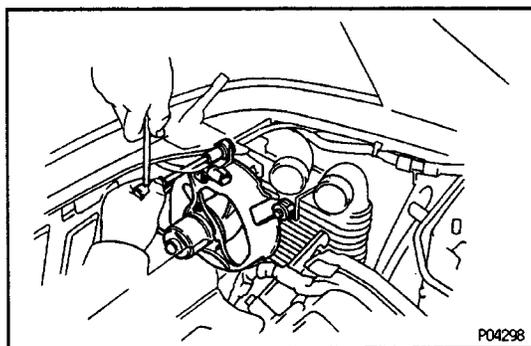
(h) Install the A/C pipes with the two clamps and nut.



(i) Install the lower suspension brace with the two bolts.
Torque: 73 N-m (740 kgf-cm, 54 ft-lbf)

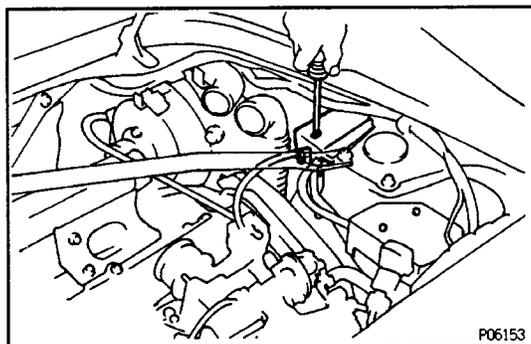


(j) Install the parking brake cable with the two clamp and three bolts.

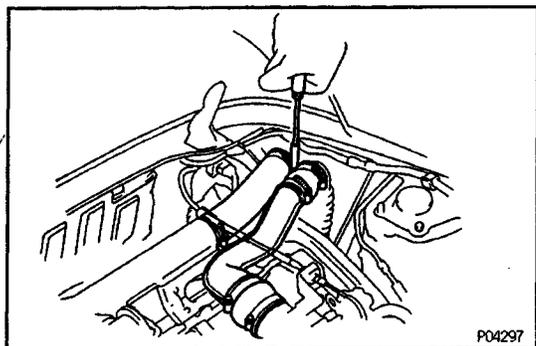


5. INSTALL ENGINE COMPARTMENT ELECTRIC COOLING FAN

- (a) Install the cooling fan with the three bolts.
- (b) Connect the cooling fan connector.



6. (w/ CRUISE CONTROL SYSTEM) INSTALL CRUISE CONTROL ACCELERATOR LINKAGE



7. INSTALL NO.1 AND NO.2 INTAKE AIR CONNECTORS

- 8. INSTALL RH ENGINE HOOD SIDE PANEL**
- 9. INSTALL ENGINE UNDER COVERS**
- 10. CONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY**