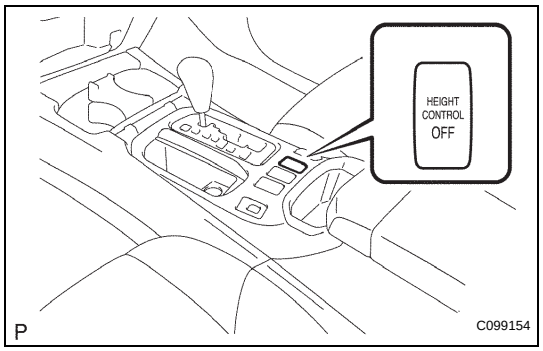


SUSPENSION CONTROL SYSTEM

PRECAUTION

1. WHEN LIFTING UP VEHICLE

(a) When jacking up or lifting up, stop operation of the air suspension control system by pressing the height control OFF switch.

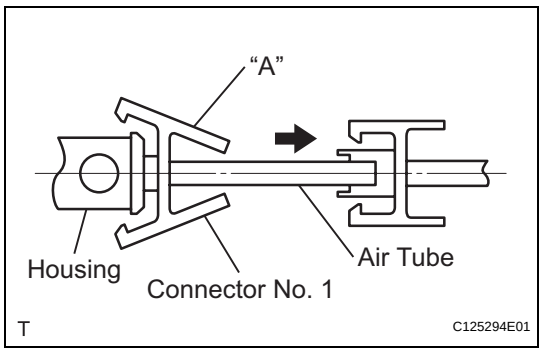
2. DISCONNECTION AND CONNECTION OF HEIGHT CONTROL TUBE

NOTICE:

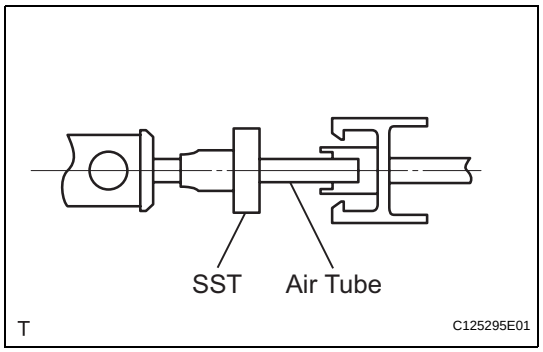
- **Disconnection and connection of the height control tube should be performed by hand to prevent foreign objects from entering.**
- **Never damage the height control tube.**

(a) Disconnect the height control tube.

(1) Pinch "A" of the connector No. 1 and pull out from the housing.



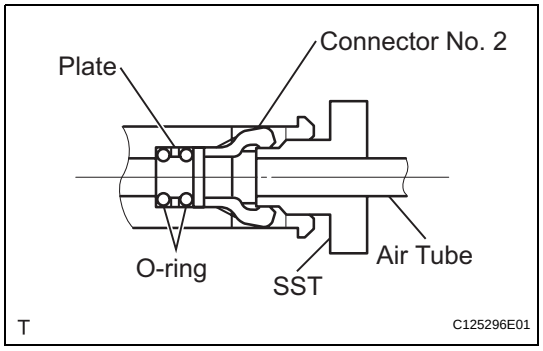
(2) Set the SST to the tube.
SST 09730-00010



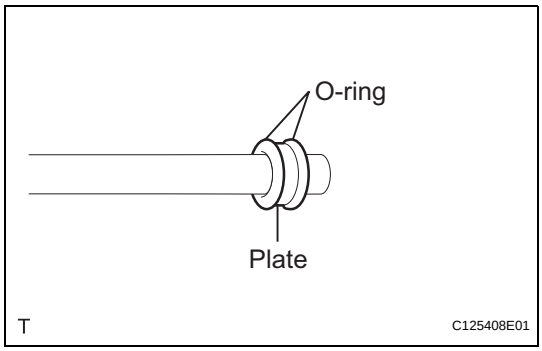
(3) Insert SST into the housing to expand the claw of the connector No. 2 in the housing.

(4) Pull out the tube with SST inserted.
NOTICE:
Do not pull on the tube with excessive force.

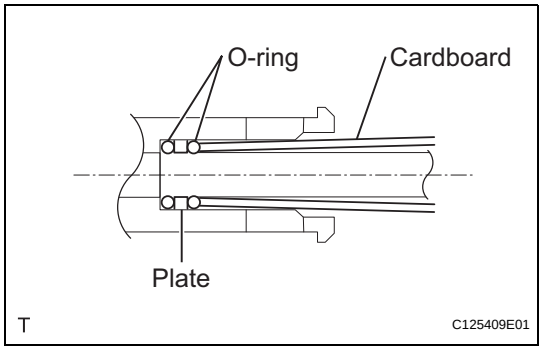
(5) Insert a screwdriver into the circular hole on the housing, and remove the connector No. 2, the 2 O-rings and the plate from the housing.
HINT:
The O-rings, plate and connector No. 2 are non-reusable parts.



SC

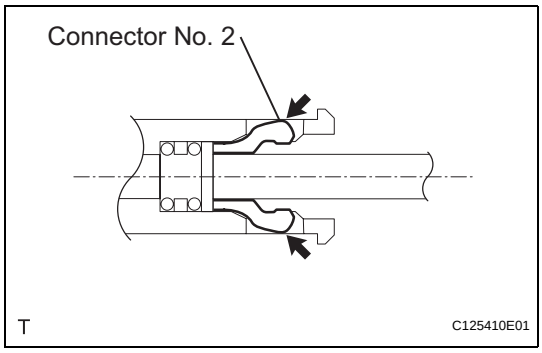


(b) Install height control tube O-ring and the plate.
NOTICE:
When replacing the parts on which the tube to be installed with a new one, it is not necessary to perform the procedure for installation.
(1) Apply MP grease to 2 new O-rings and plate and install them to the straight tube or an equivalent.
NOTICE:
Install the plate between the O-rings.
Keep foreign matter from adhering to the O-rings and the height control tube in order to prevent air leaks.

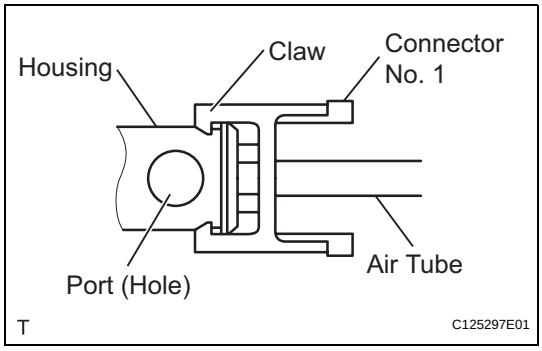


(2) Insert the tube on which the 2 O-rings and plate are installed into the housing, and then push it in lightly with a piece of rolled up cardboard.

SC



(3) Push the connector No. 2 into the housing to where a clicking sound is heard.



(c) Install the height control tube.
(1) Push the tube and connector No. 1 into the housing to where a clicking sound is heard.
NOTICE:
- **The port (hole) of the housing should be set in the position 90° from the claws of connector No. 1.**
- **Pull the tube lightly to make sure that it is securely connected.**
- **Prevent foreign matter from being attached to the O-rings and height control tube. Failure to do so may cause air leakage.**

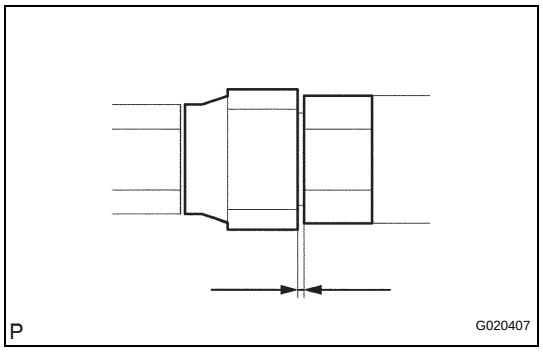
3. HANDLING PRECAUTIONS FOR CENTER UNIT AND SHOCK ABSORBER

(a) Replacement of each unit is allowed if there is no oil leakage. But, in case of oil leakage from the system, replace both the absorber and the center unit as a set.

(b) For replacement of the system, make it possible to replace a unit only at the first time and replace the system as a set of delivery at the second time or later.
(c) When carrying each unit, be sure to hold the body of the unit and never hang the body by holding joint parts or hoses.
Also, do not deform metal tubes.
(d) Each unit should not be at a high temperature at the time of replacement.
(e) Since the shock absorber could be damaged by a sudden temperature change as being disconnected from the center unit, be careful about its storage.
(f) Do not loosen the union bolt except the time of the disposal of each unit.
(g) Never loosen the absorber hoses and the flare nuts at the joint parts.

4. REMOVAL AND INSTALLATION PRECAUTION FOR CENTER UNIT AND SHOCK ABSORBER

(a) Conduct the operations as stretching all the shock absorbers out by jacking up the vehicle.
(b) Never put a great compressive load to the shock absorbers, such as contacting the tires on the ground, before connecting them to the center unit to avoid the break down.
(c) Avoid the contacting surfaces of the joint parts to get any foreign objects, and wipe them away so as not to damage the O-rings in case of the adhesion.
(d) Be sure to fit the detentes attached to the bracket on the front absorber hose side, the rear absorber hose side and the middle unit joint part into a hole on the frame side.
(e) Never loosen the absorber hoses and the flare nuts at the joint parts.



(f) For the joint that is connecting the supplied parts, tighten the joint as checking the gap spacing shown in the illustration.
Dimension of gap:
1 mm (0.04 in.)
Torque: 25 N*m (255 kgf*cm, 18 ft.*lbf)

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