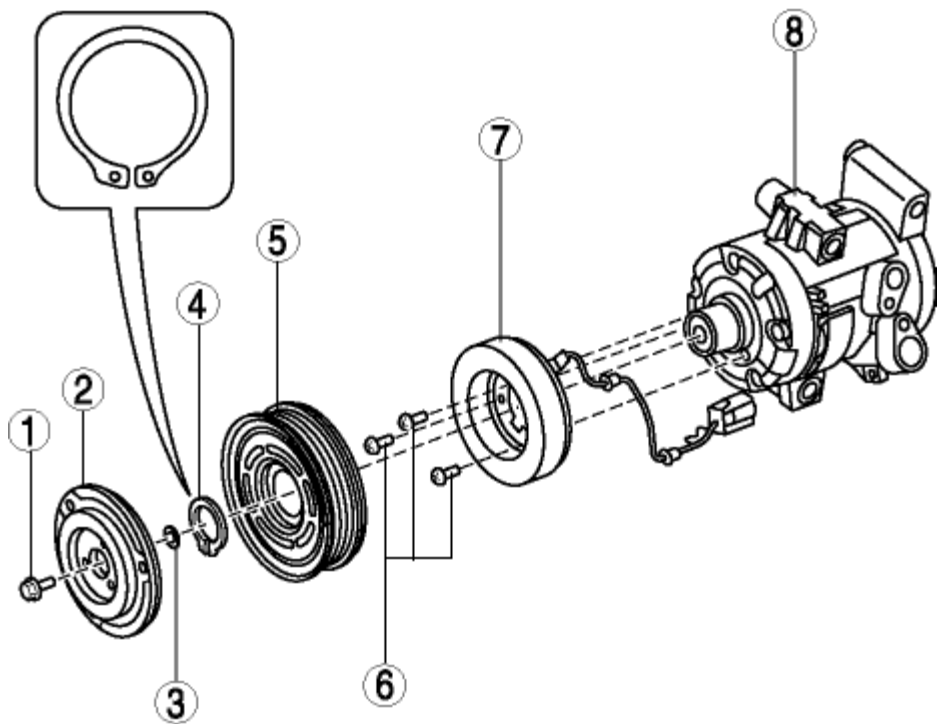


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MAGNETIC CLUTCH DISASSEMBLY/ ASSEMBLY [MANUAL AIR CONDITIONER]

1. Disassemble in the order indicated in the table.



1	Bolt (See Bolt Removal/ installation Note.)
2	Pressure plate
3	Shim (See Shim Installation Note.)
4	Snap ring (See Snap Ring Removal/ installation Note.)
5	A/C compressor pulley (See A/ C Compressor Pulley Removal Note.) (See A/ C Compressor Pulley Installation Note.)

6	Screw
7	Stator
8	A/C compressor body

2. Assemble in the reverse order of disassembly.

3. Adjust the magnetic clutch clearance. (See [MAGNETIC CLUTCH ADJUSTMENT \[MANUAL AIR CONDITIONER\]](#).)

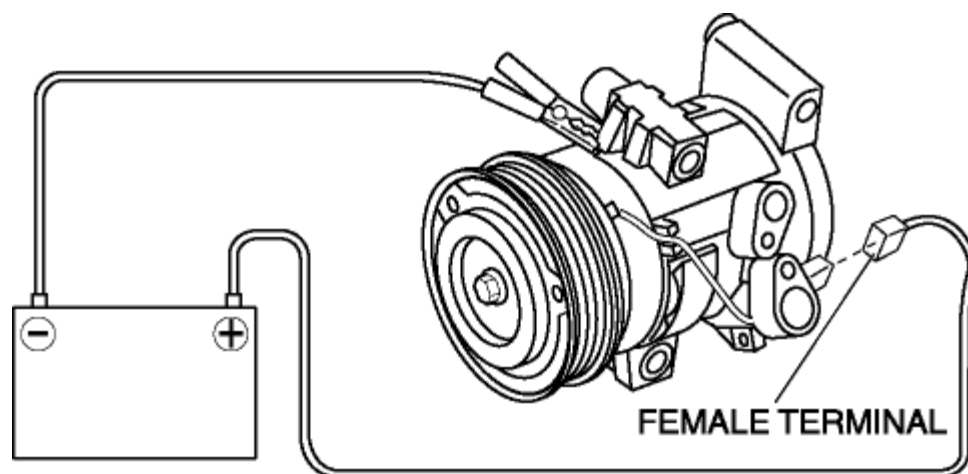
Bolt Removal/ installation Note

1. When removing or installing the bolt, lock the A/C compressor pulley against rotation using the following procedure.

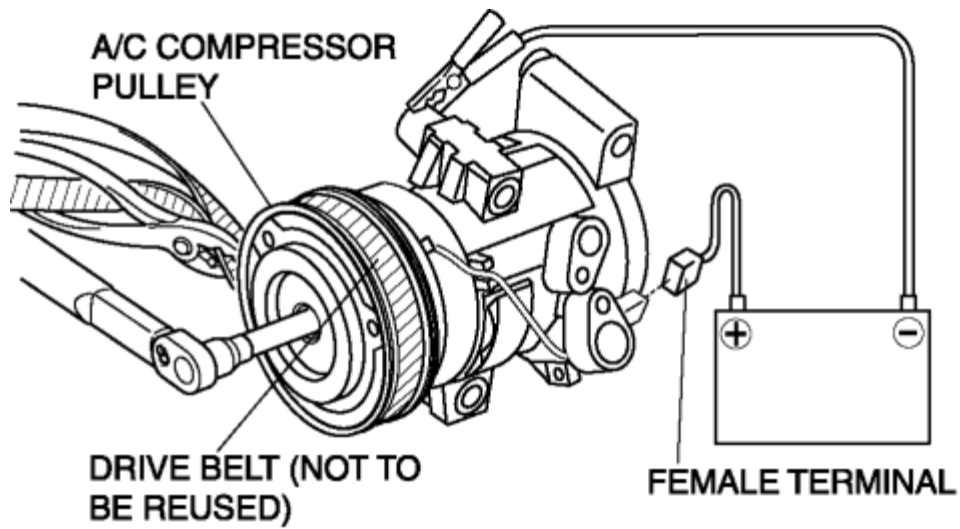
CAUTION:

- When connecting the positive battery cable to the magnetic clutch connector, use a cable with a female terminal of the correct size. Otherwise, load will be applied to the terminal, resulting in deformation or damage, and poor contact. In addition, the positive battery cable could disconnect from the connector resulting in a short circuit.

a. Apply battery positive voltage to the magnetic clutch terminal and connect the A/C compressor body to the ground.



b. Wrap the drive belt, which is no longer of use, tightly around the A/C compressor pulley.



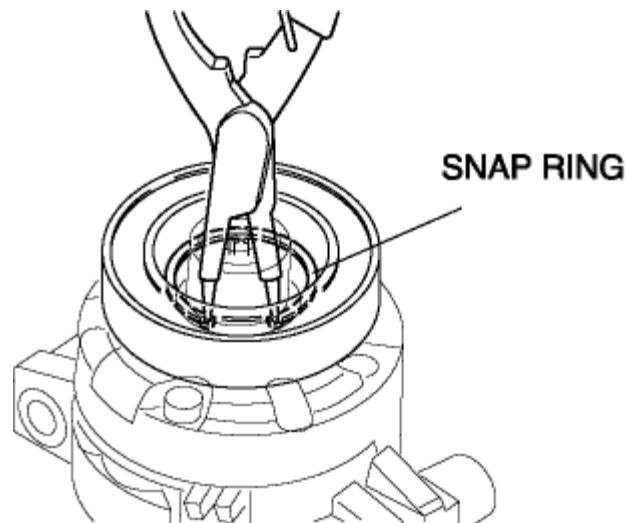
- c. Hold the drive belt in place with pliers.
- d. Remove/installation the bolt.

Tightening torque

- 20—22 N·m {2.0—2.2 kgf·m, 15—16 ft·lbf}

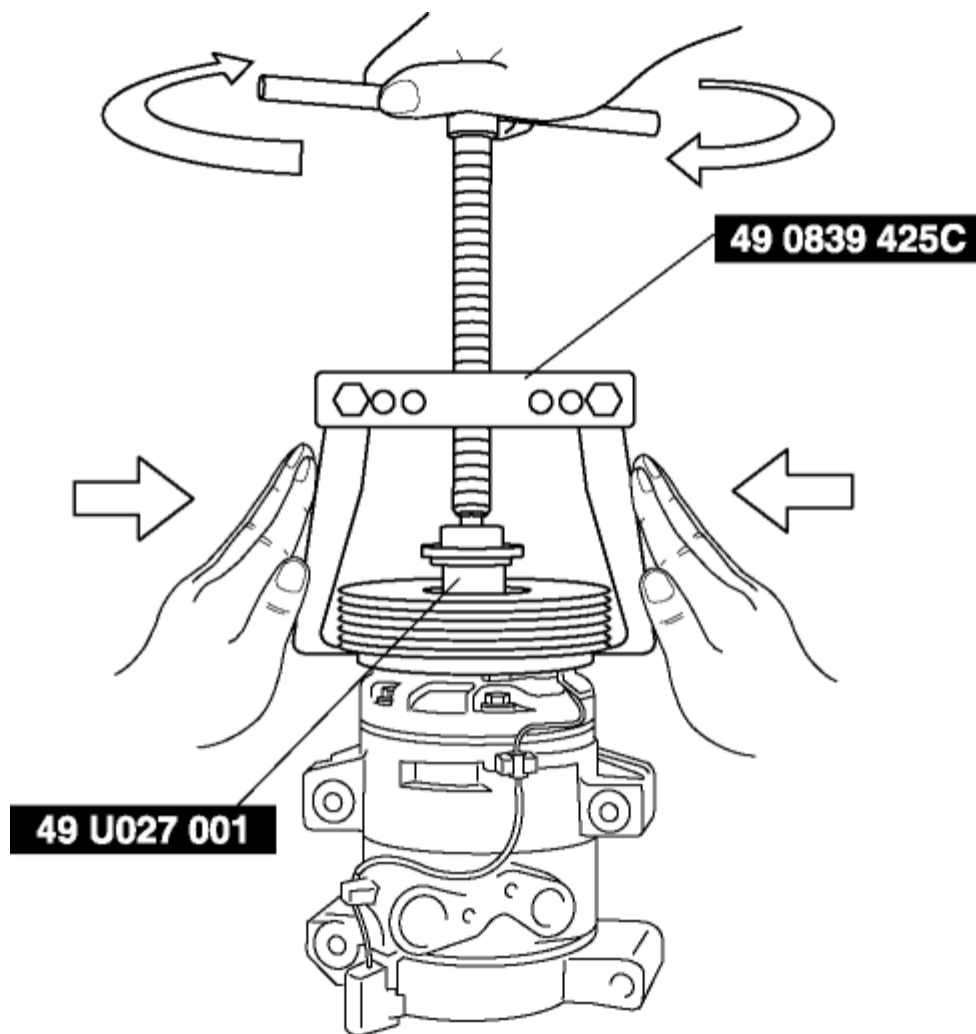
Snap Ring Removal/ installation Note

1. Remove/installation the snap ring using a snap ring pliers.



A/ C Compressor Pulley Removal Note

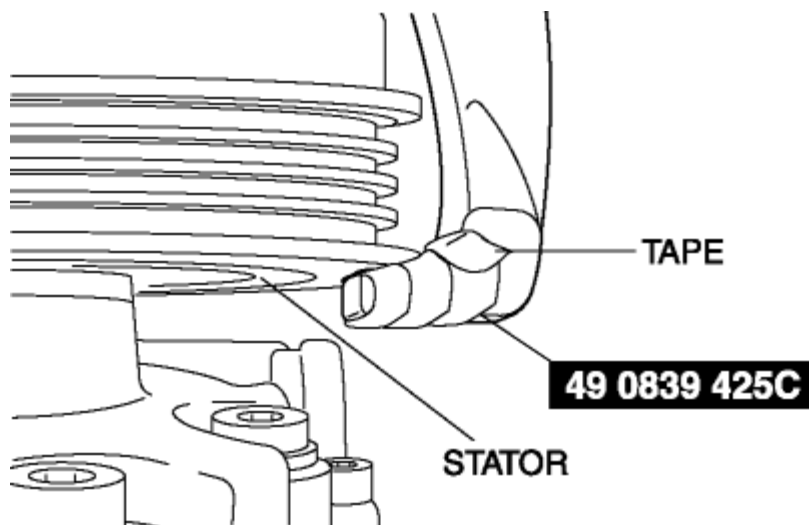
1. Remove the A/C compressor pulley using the SSTs(49 0839 425C, 49 U027 001) .



a. Tighten the handle and hold the **SST (49 0839 425C)** in the direction arrows shown in the figure.

CAUTION:

- Be careful that the SST (49 0839 425C) tabs do not hang over the stator.



NOTE:

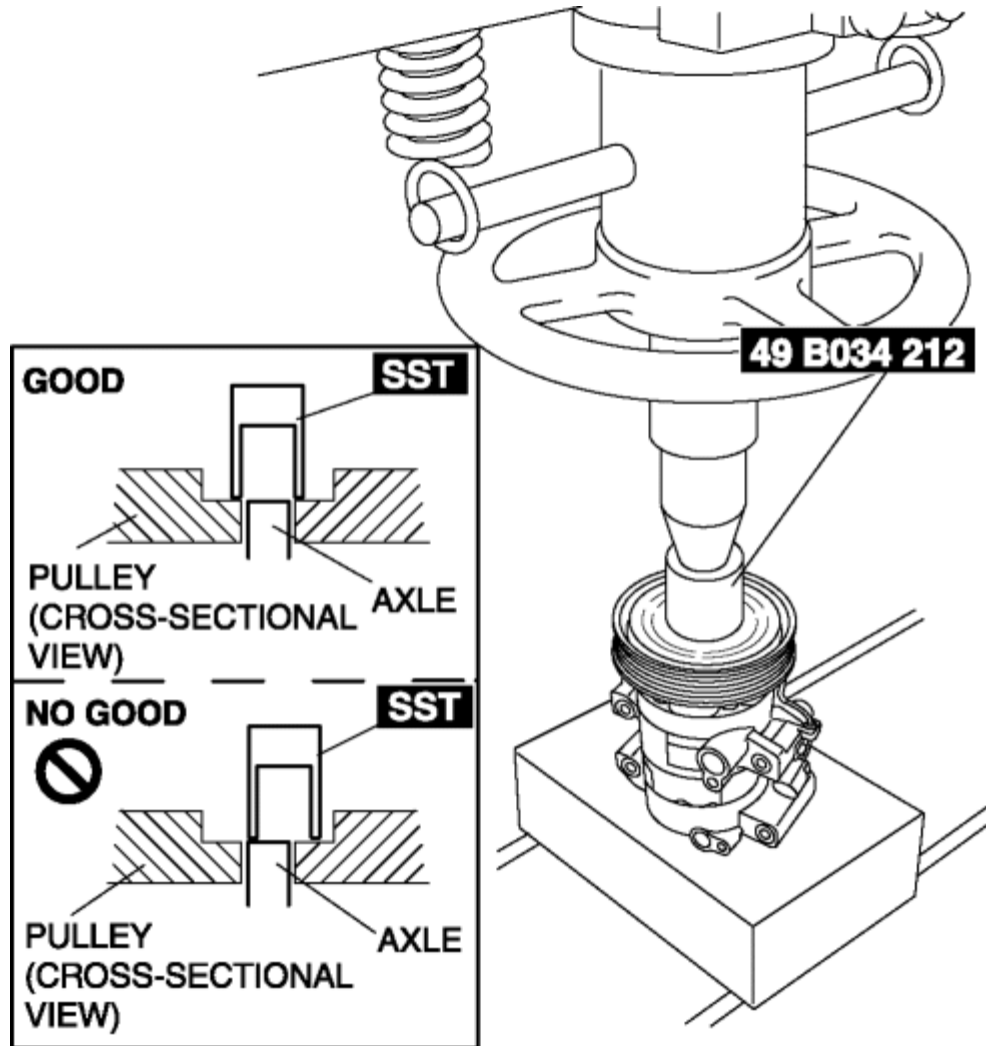
- Taping on the nail for protect to damage.

A/ C Compressor Pulley Installation Note

CAUTION:

- If the SST is not properly positioned when the A/C compressor pulley is press-fit, the A/C compressor axle will interfere with the SST, possibly damaging component parts. Verify the SST and axle are properly positioned and perform the procedure very carefully.

1. Install the inner wheel of the pulley using a press and **SST (49 B034 212)** to the compressor.

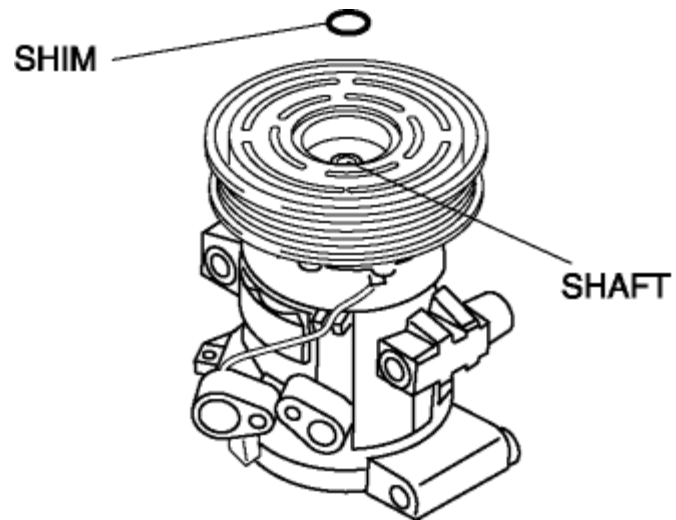


Substitution SST

- 49 B034 212
Outer diameter: 48 mm {1.9 in} or less
Inner diameter: 36 mm {1.4 in} or more
Plate thickness: 1 mm {0.04 in} or more
Height: 30 mm {1.2 in} or more

Shim Installation Note

1. First, insert the **1 mm { 0.039 in }** thick shim into the shaft.



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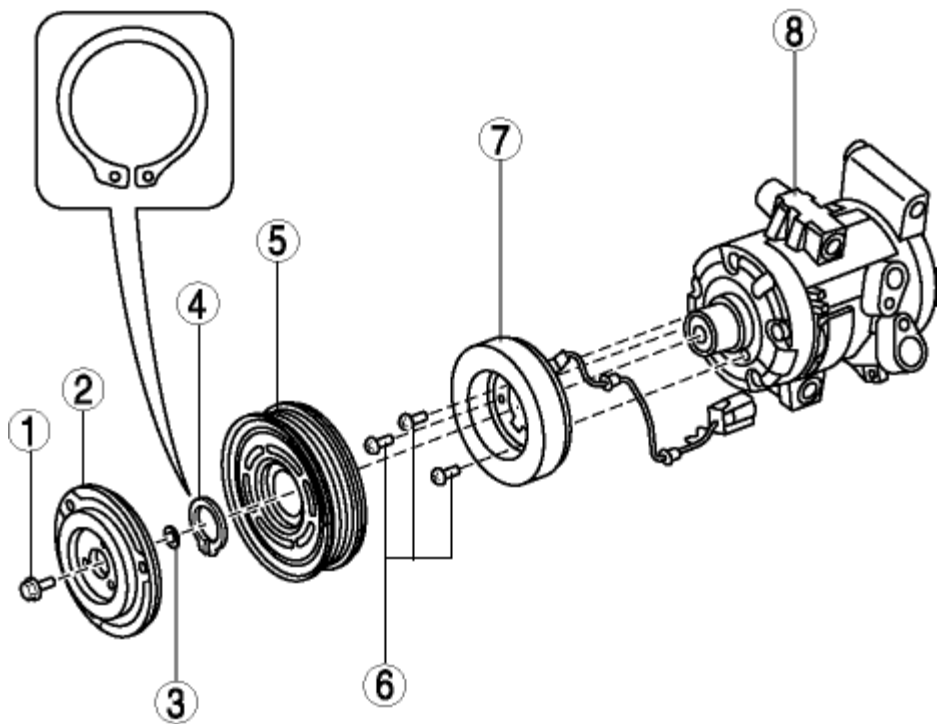
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MAGNETIC CLUTCH DISASSEMBLY/ ASSEMBLY [MANUAL AIR CONDITIONER]

1. Disassemble in the order indicated in the table.



1	Bolt (See Bolt Removal/ installation Note.)
2	Pressure plate
3	Shim (See Shim Installation Note.)
4	Snap ring (See Snap Ring Removal/ installation Note.)
5	A/C compressor pulley (See A/ C Compressor Pulley Removal Note.) (See A/ C Compressor Pulley Installation Note.)

6	Screw
7	Stator
8	A/C compressor body

2. Assemble in the reverse order of disassembly.

3. Adjust the magnetic clutch clearance. (See [MAGNETIC CLUTCH ADJUSTMENT \[MANUAL AIR CONDITIONER\]](#).)

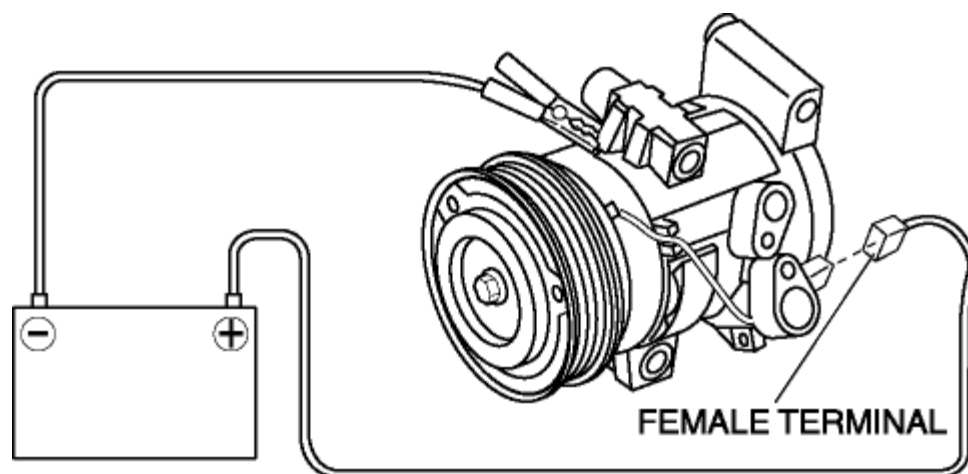
Bolt Removal/ installation Note

1. When removing or installing the bolt, lock the A/C compressor pulley against rotation using the following procedure.

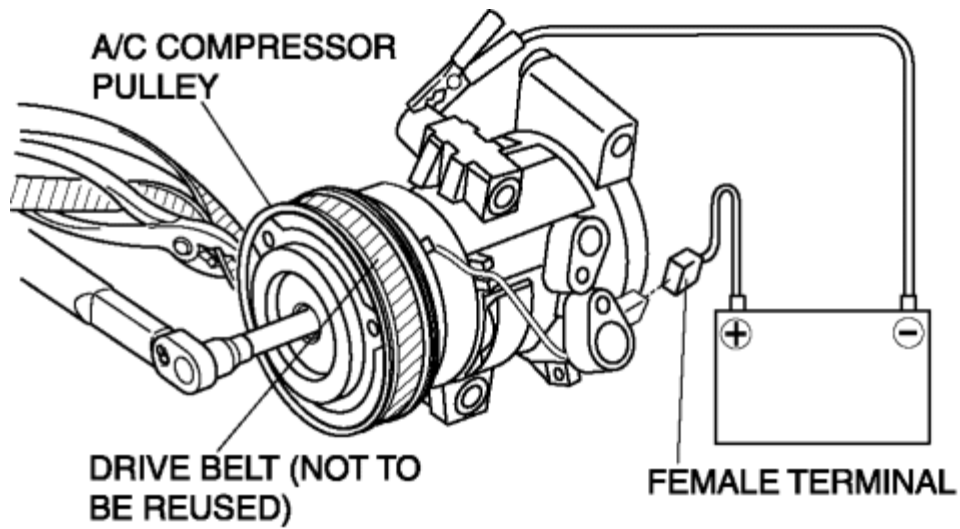
CAUTION:

- When connecting the positive battery cable to the magnetic clutch connector, use a cable with a female terminal of the correct size. Otherwise, load will be applied to the terminal, resulting in deformation or damage, and poor contact. In addition, the positive battery cable could disconnect from the connector resulting in a short circuit.

a. Apply battery positive voltage to the magnetic clutch terminal and connect the A/C compressor body to the ground.



b. Wrap the drive belt, which is no longer of use, tightly around the A/C compressor pulley.



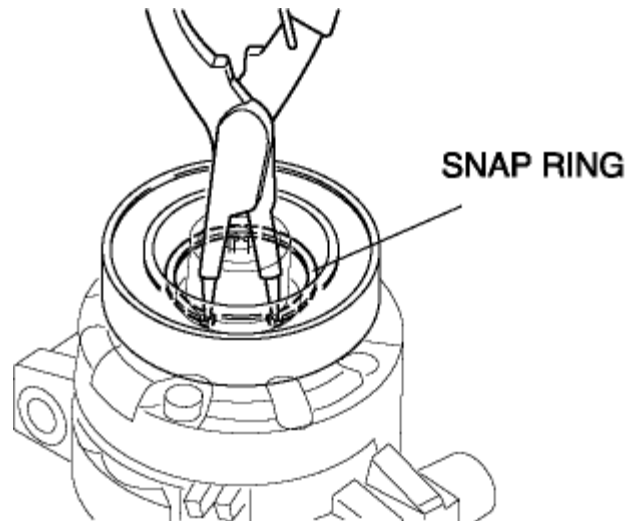
- c. Hold the drive belt in place with pliers.
- d. Remove/installation the bolt.

Tightening torque

- 20—22 N·m {2.0—2.2 kgf·m, 15—16 ft·lbf}

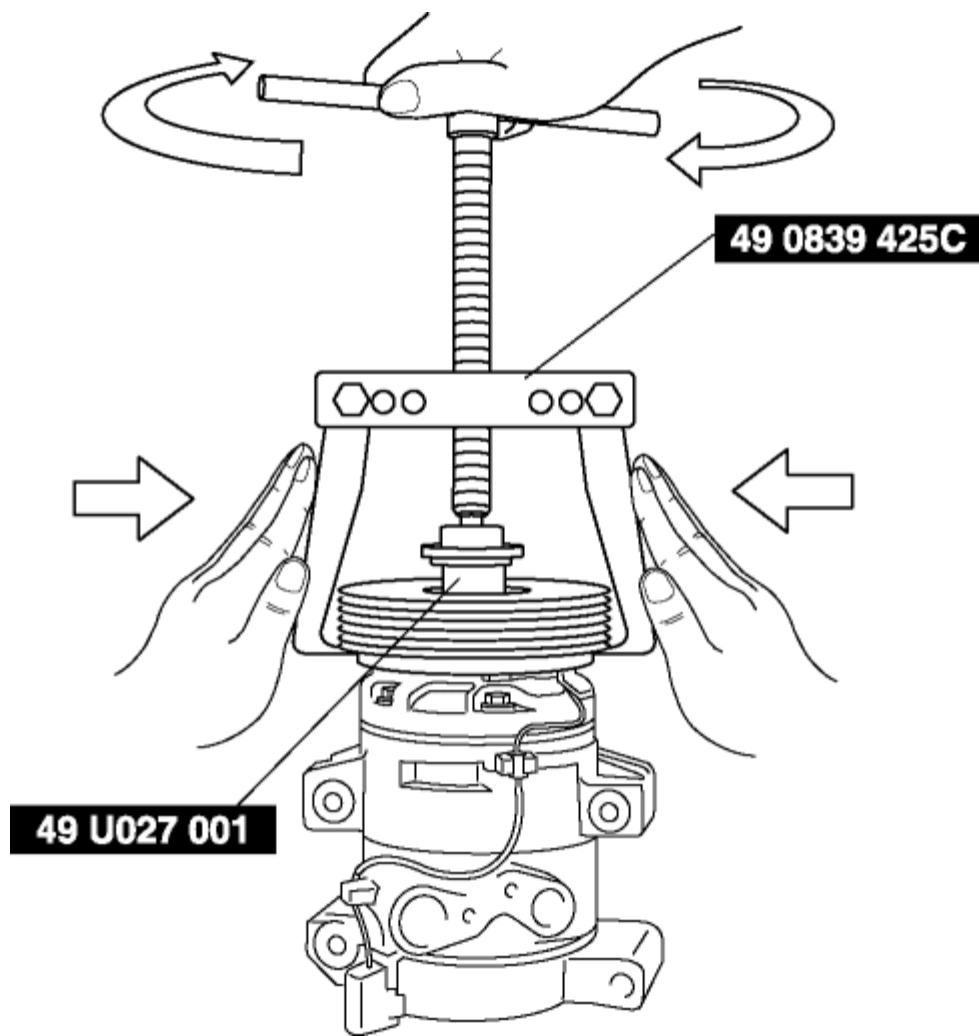
Snap Ring Removal/ installation Note

1. Remove/installation the snap ring using a snap ring pliers.



A/ C Compressor Pulley Removal Note

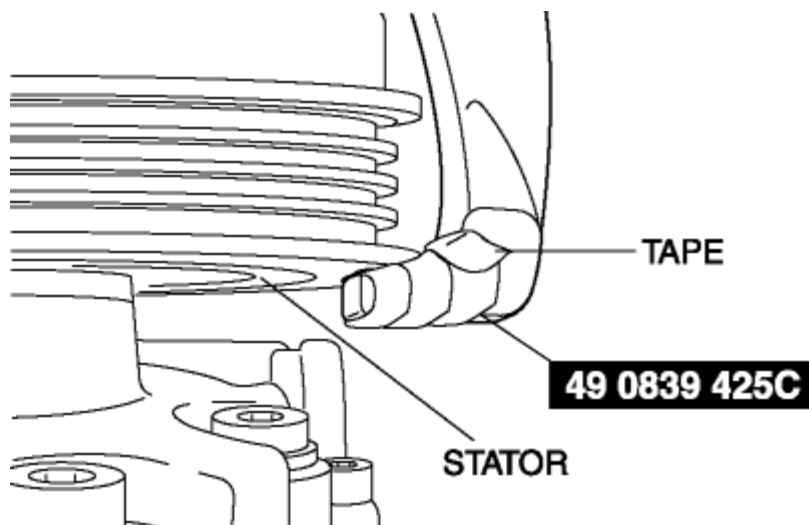
1. Remove the A/C compressor pulley using the SSTs(49 0839 425C, 49 U027 001) .



a. Tighten the handle and hold the **SST (49 0839 425C)** in the direction arrows shown in the figure.

CAUTION:

- Be careful that the SST (49 0839 425C) tabs do not hang over the stator.



NOTE:

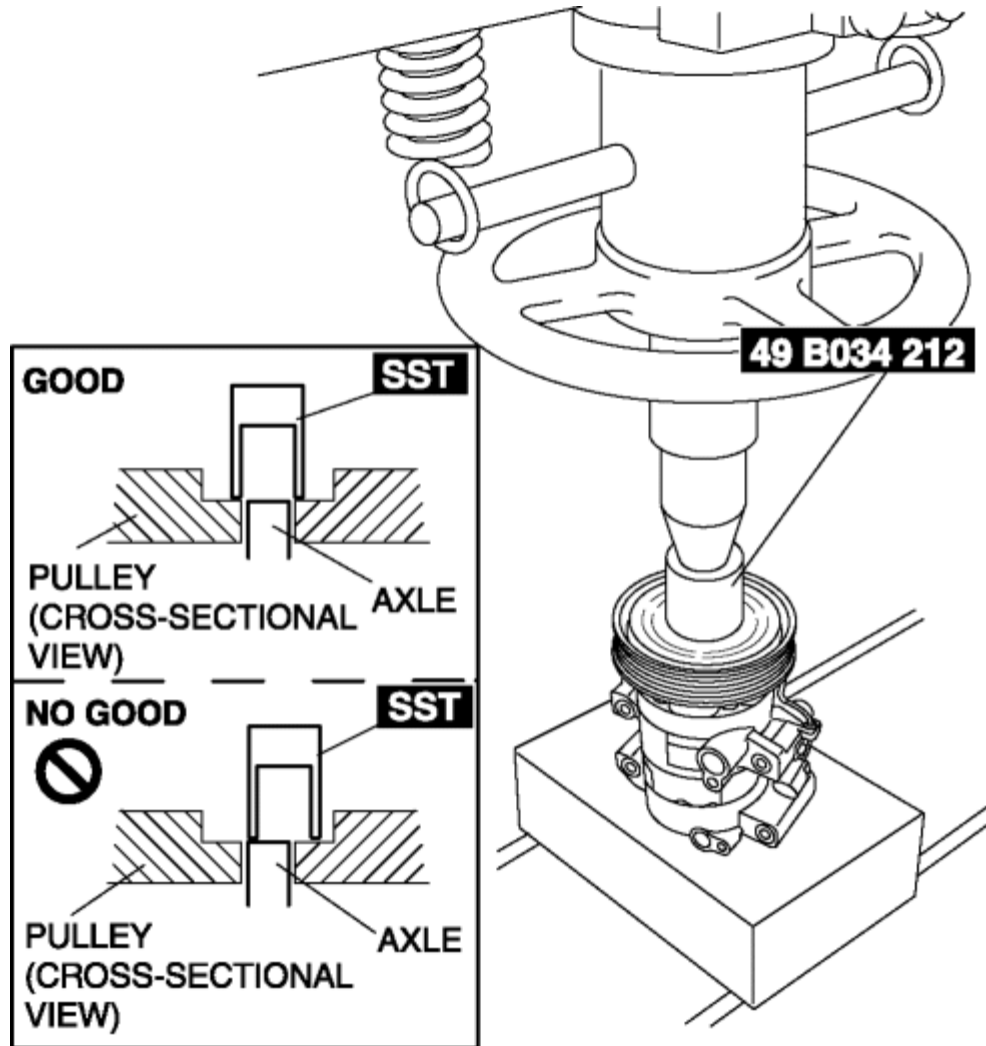
- Taping on the nail for protect to damage.

A/ C Compressor Pulley Installation Note

CAUTION:

- If the SST is not properly positioned when the A/C compressor pulley is press-fit, the A/C compressor axle will interfere with the SST, possibly damaging component parts. Verify the SST and axle are properly positioned and perform the procedure very carefully.

1. Install the inner wheel of the pulley using a press and **SST (49 B034 212)** to the compressor.

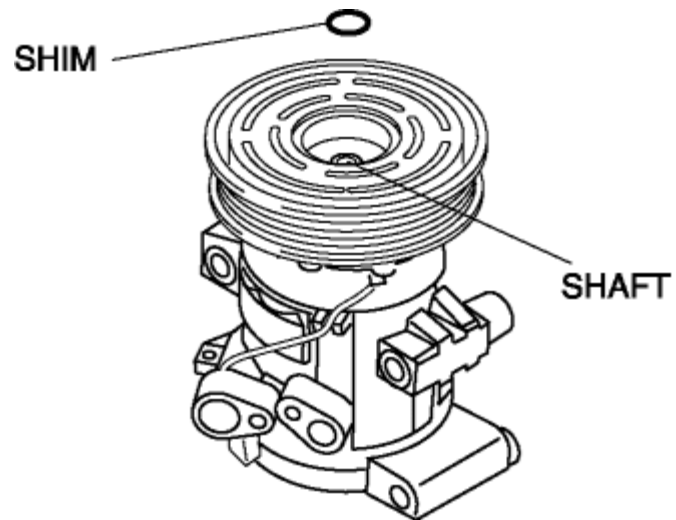


Substitution SST

- 49 B034 212
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