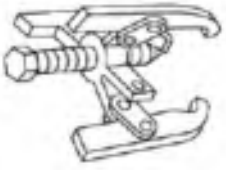


Air Conditioning (A/C) Clutch and Air Conditioning (A/C) Clutch Field Coil

Base Part Number: Base Part Number: 19D786

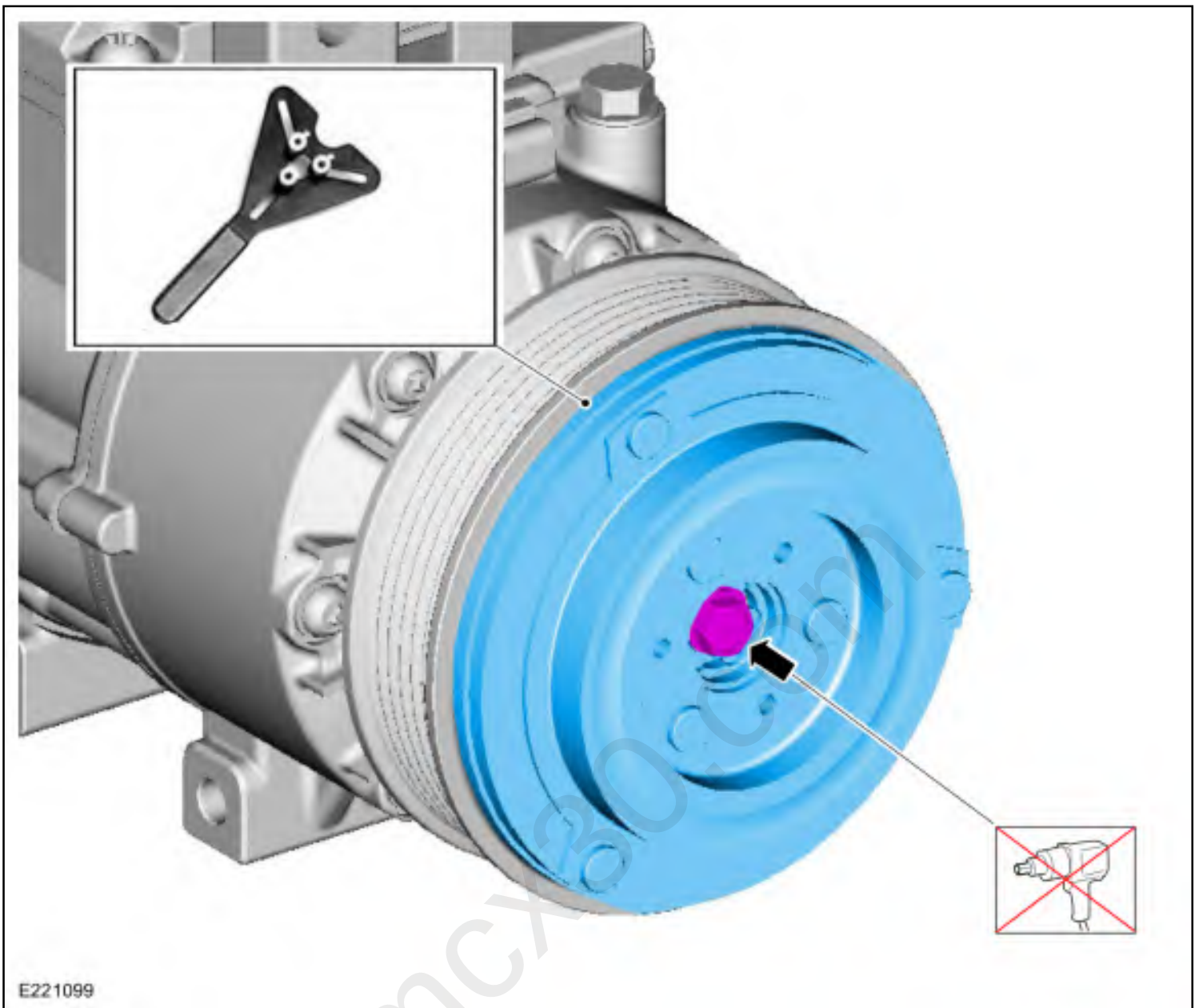
Special Tool(s) / General Equipment

	412-001 (T71P-19703-B) Remover, Compressor Pulley
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Activation

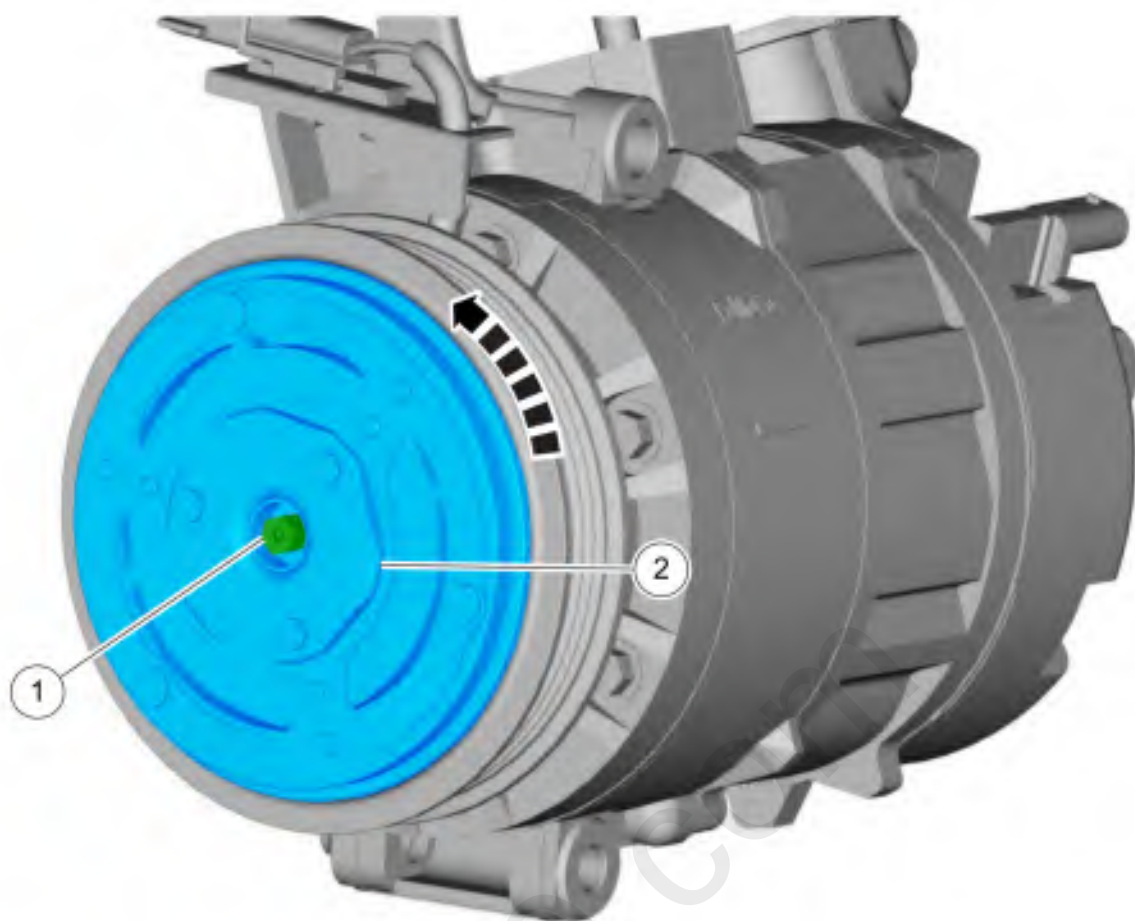
1. Remove the A/C compressor. Refer to Air Conditioning A/C Compressor procedure in Group 412.
2. **NOTE:** *If equipped with spring rubber clutch.*

Using the universal clutch holding tool, hold the clutch and remove the A/C clutch disc and hub bolt.
Torque: 159 lb.in (18 Nm)



3. **NOTE:** *If equipped with spring plate clutch.*

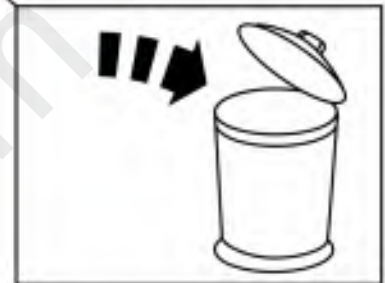
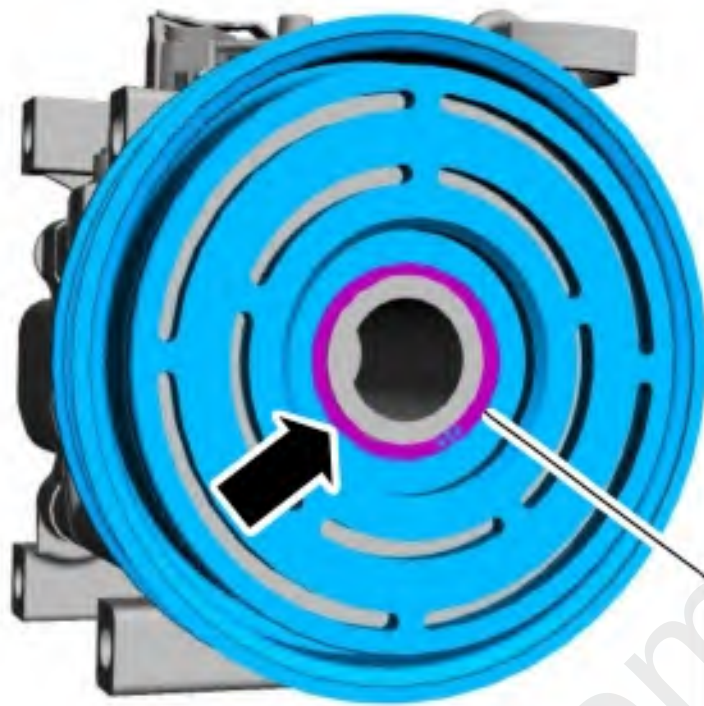
- Hold the A/C compressor shaft.
- Rotate the A/C clutch hub counter clockwise to remove.
Torque: 24 lb.ft (33 Nm)



E246236



4. Remove the A/C compressor pulley snap ring.



E112211

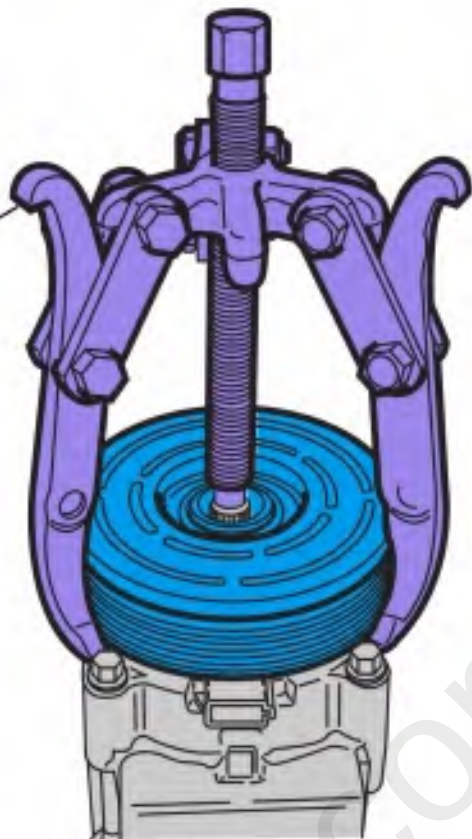


5. **NOTE:** Do not use air tools. Damage to the A/C clutch pulley or A/C compressor may result.

Remove the A/C compressor pulley.

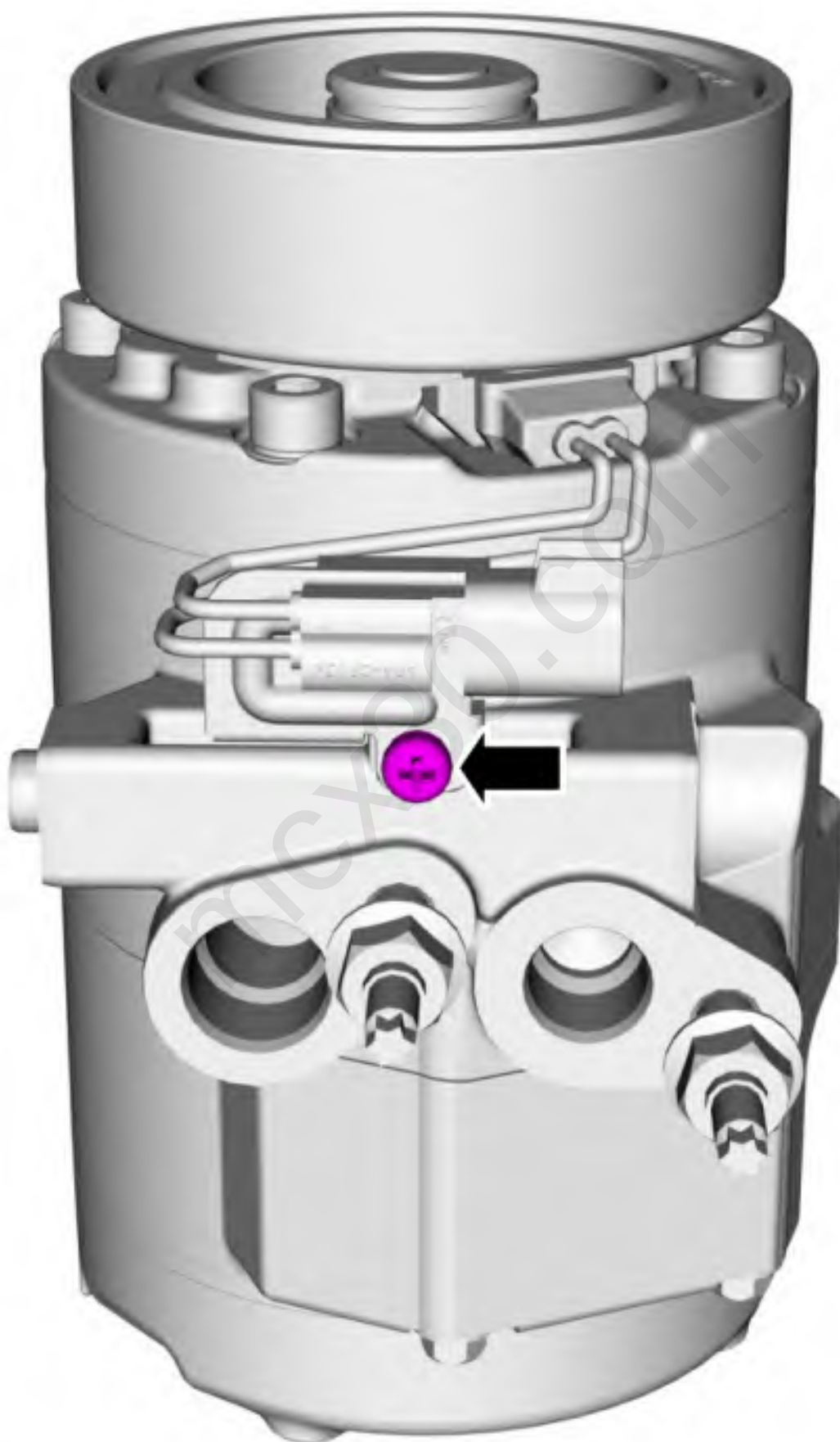
Install Special Service Tool: 412-001 (T71P-19703-B) Remover, Compressor Pulley.

412-001



E153143

6. Remove the A/C clutch field coil electrical connector retainer.
Torque: 35 lb.in (4 Nm)



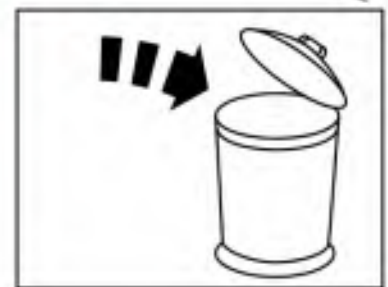
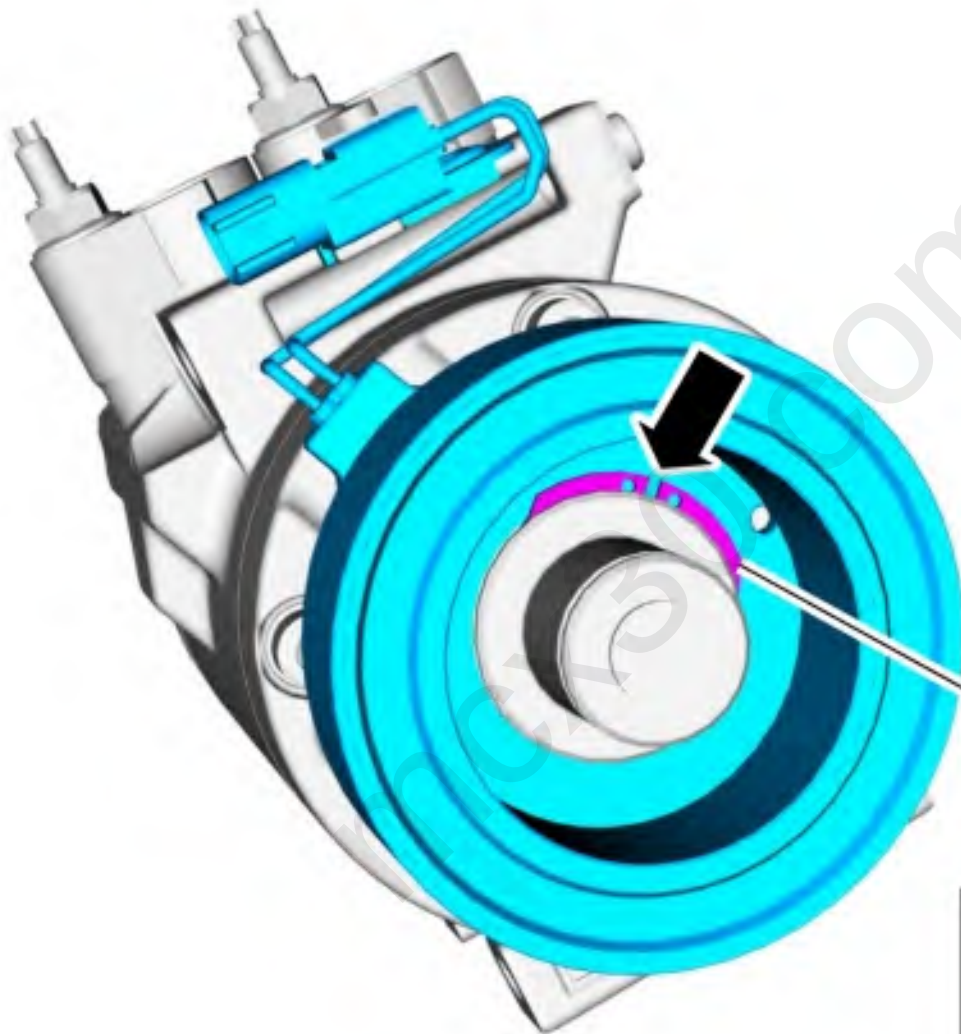
E213527



E213527



7. Remove the A/C clutch field coil snap ring, and remove the clutch field coil.



E213905



- Visually inspect the A/C clutch disc and hub, compressor pulley and clutch field coil for damage.
- Inspect for physical damage, including cracked or melted components or discoloration due to excessive heat.
- Inspect for excessive wear, including grooving in the A/C clutch disc and hub or the

compressor pulley that is more than fingernail depth.

- Inspect for roughness in the A/C compressor pulley bearing.

9. To install, reverse the steps in this procedure.

10. **NOTE:** *Spring plate clutch similar.*

Measure and adjust the clutch air gap by removing or adding clutch disc and hub spacers. Refer to Air Conditioning A/C Clutch Air Gap Adjustment procedure in Group 412.

