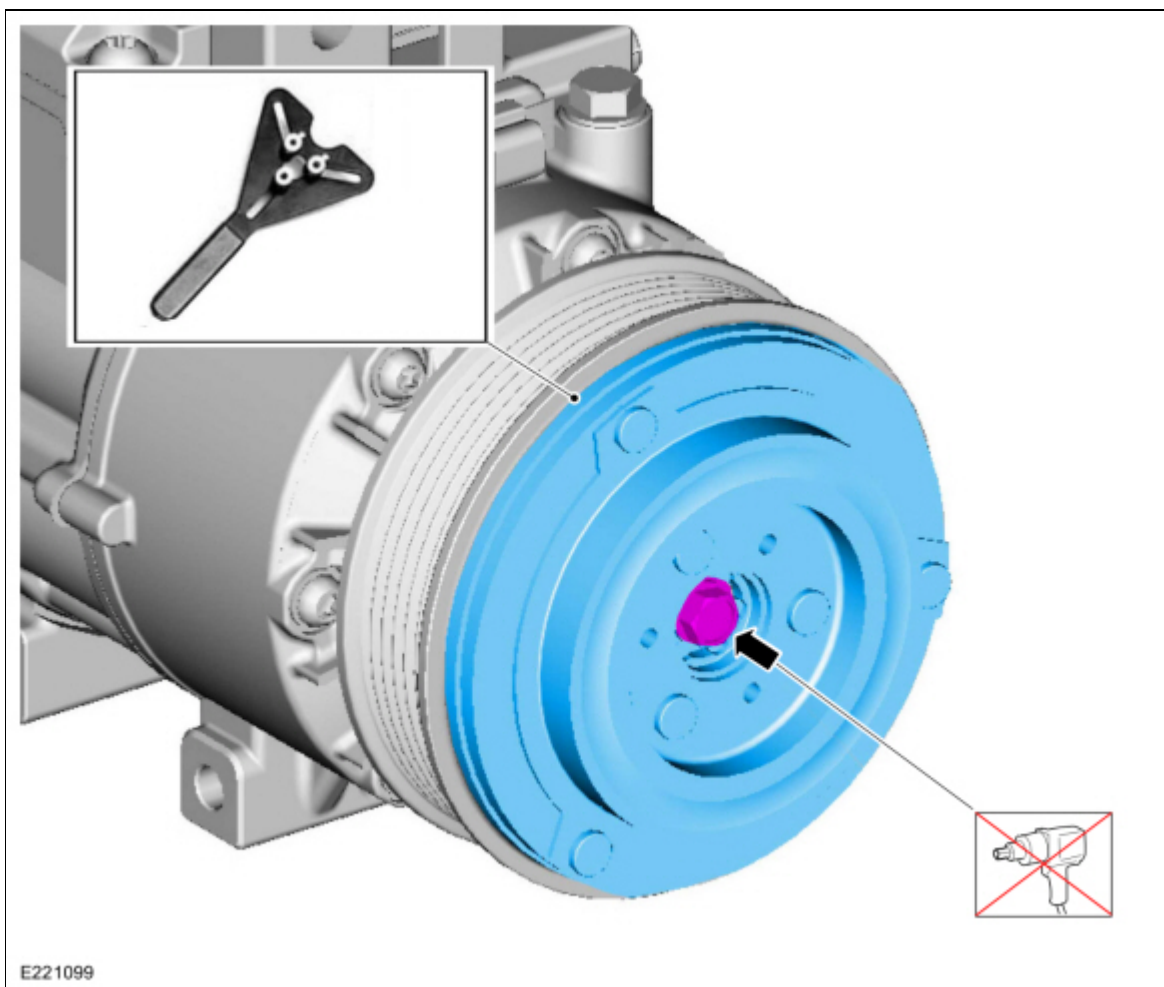


**Air Conditioning (A/C) Clutch and Air Conditioning (A/C) Clutch Field Coil****Activation**

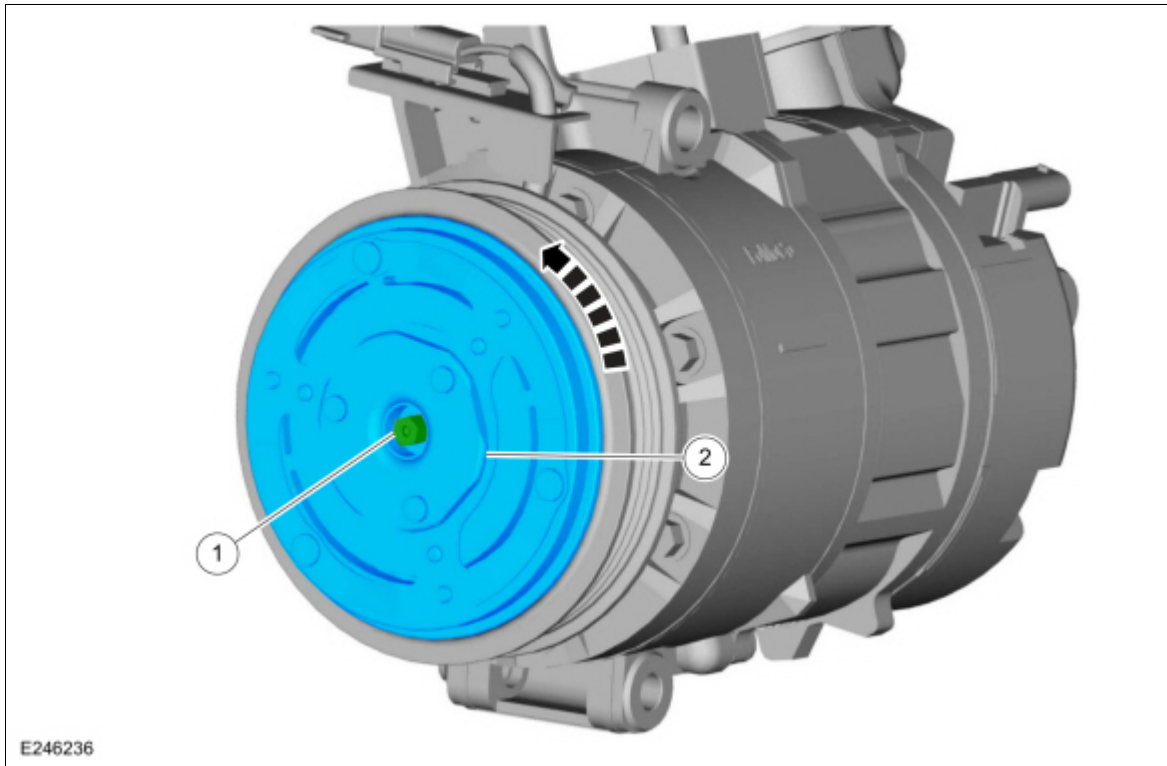
1. Remove the A/C compressor. Refer to Air Conditioning A/C Compressor procedure in Group 412.
2. **NOTE:** *If equipped with spring rubber clutch.*

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)



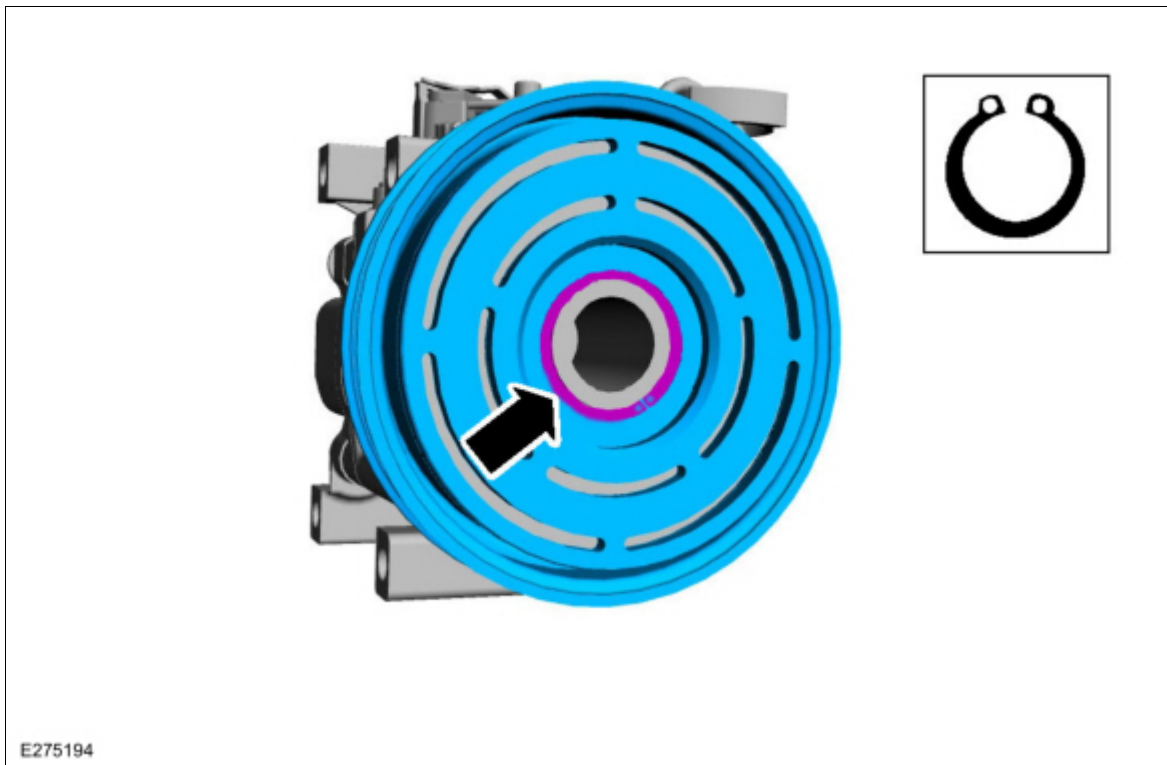
3. **NOTE:** *If equipped with spring plate clutch.*

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



4. **NOTE:** Replacing the snap ring is only necessary when installing a new component.

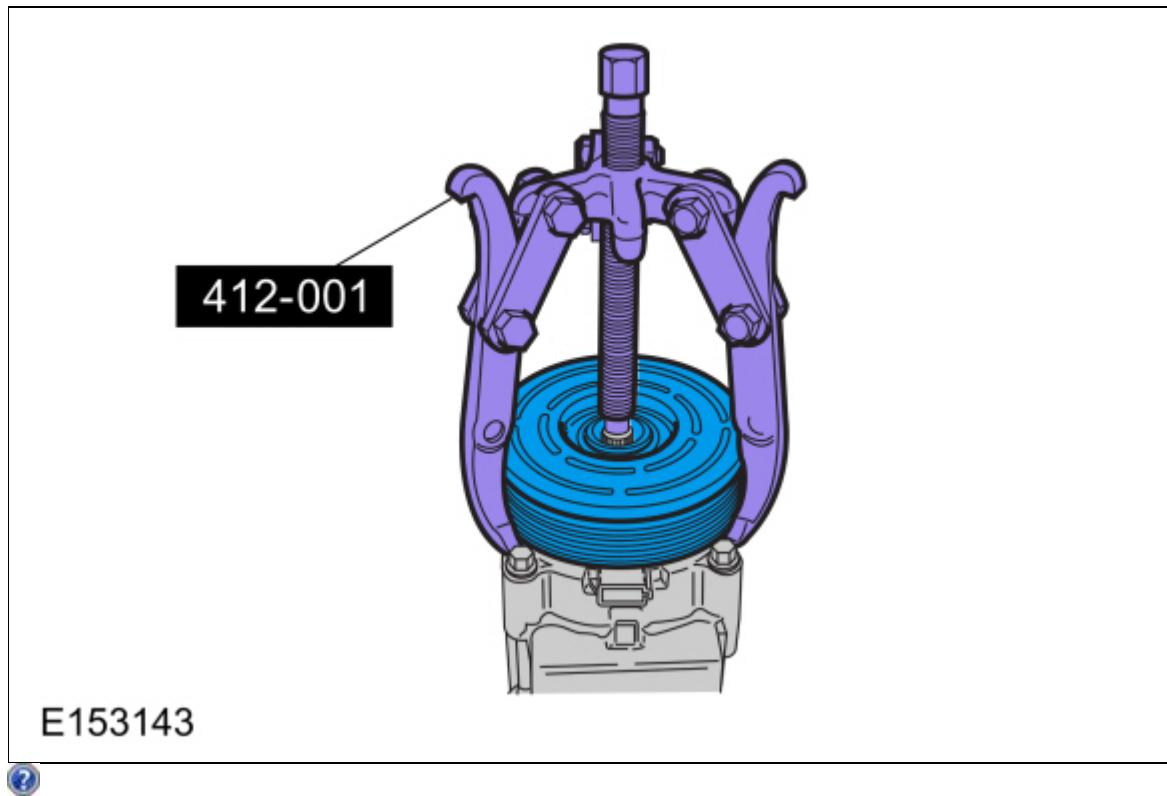
Remove the A/C compressor pulley snap ring.



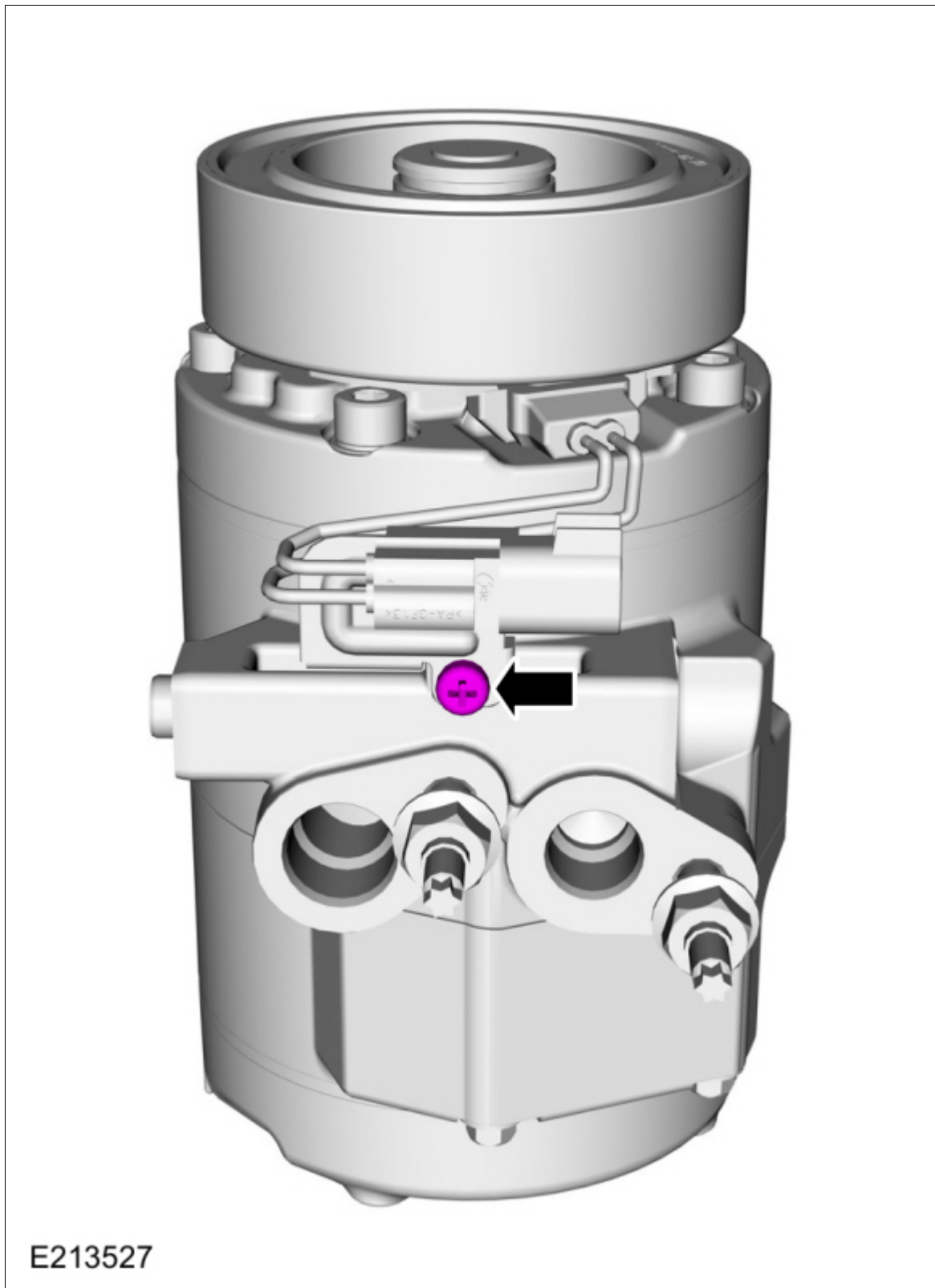
5. **NOTE:** Do not use air tools. Damage to the A/C clutch pulley or A/C compressor may result.

Remove the A/C compressor pulley.

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

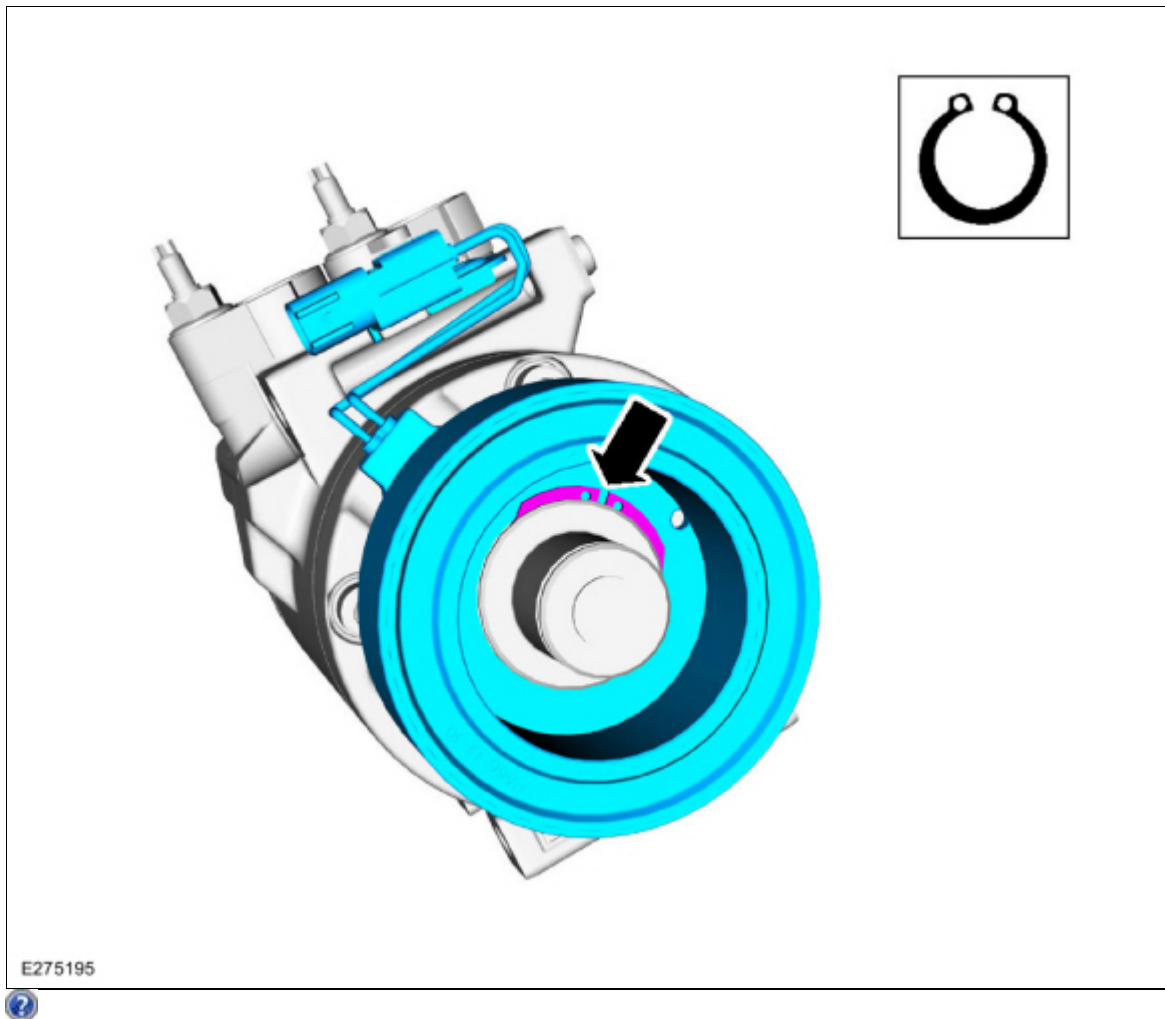


6. Remove the A/C clutch field coil electrical connector retainer.  
Torque : 35 lb.in (4 Nm)



7. **NOTE:** Replacing the snap ring is only necessary when installing a new component.

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

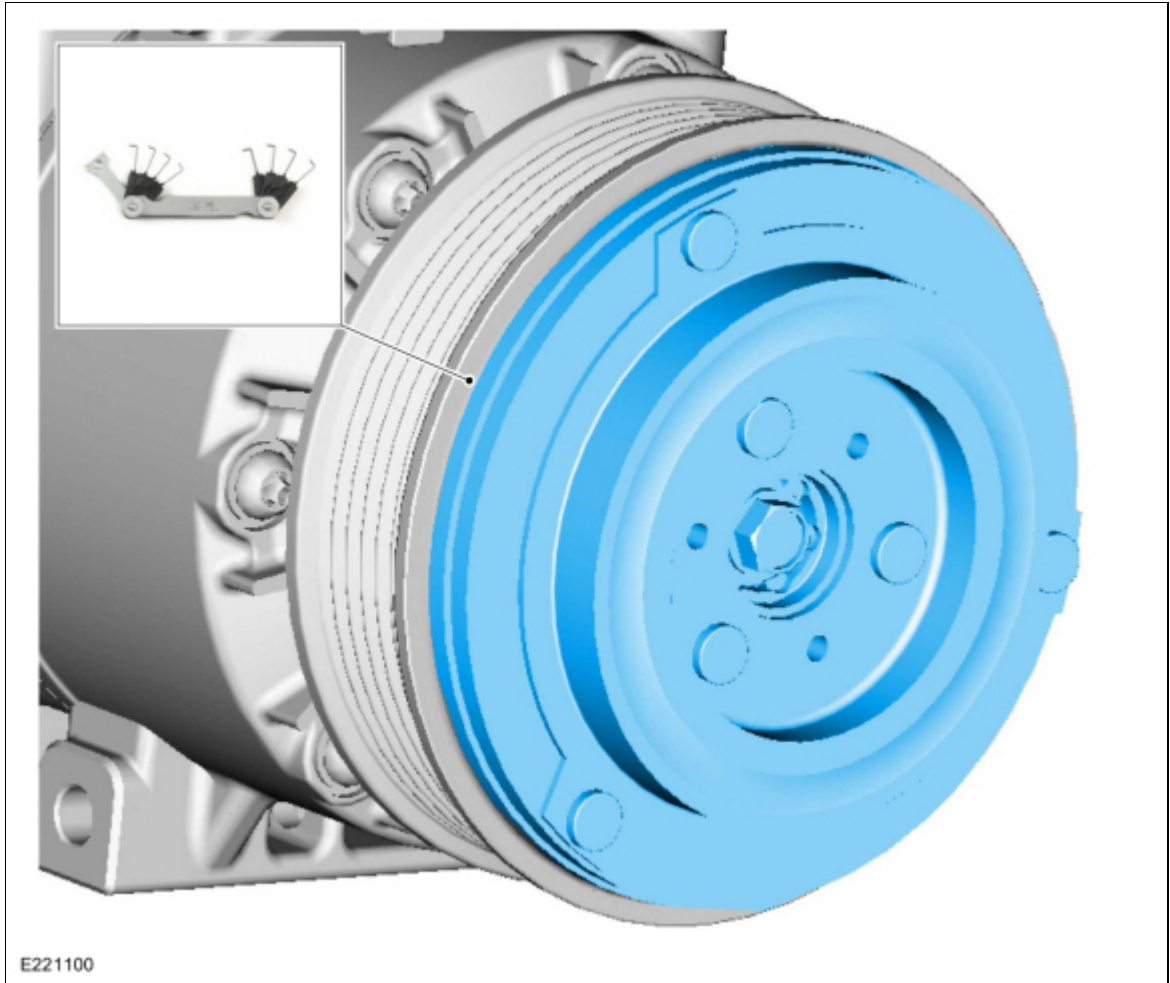


8.
  - Visually inspect the A/C clutch disc and hub, compressor pulley and clutch field coil for damage.
  - Inspect for physical damage, including cracked or melted components or discoloration due to excessive heat.
  - Inspect for excessive wear, including grooving in the A/C clutch disc and hub or 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.



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