

2022 CHEVROLET CORVETTE SERVICE MANUAL

- SEARCH

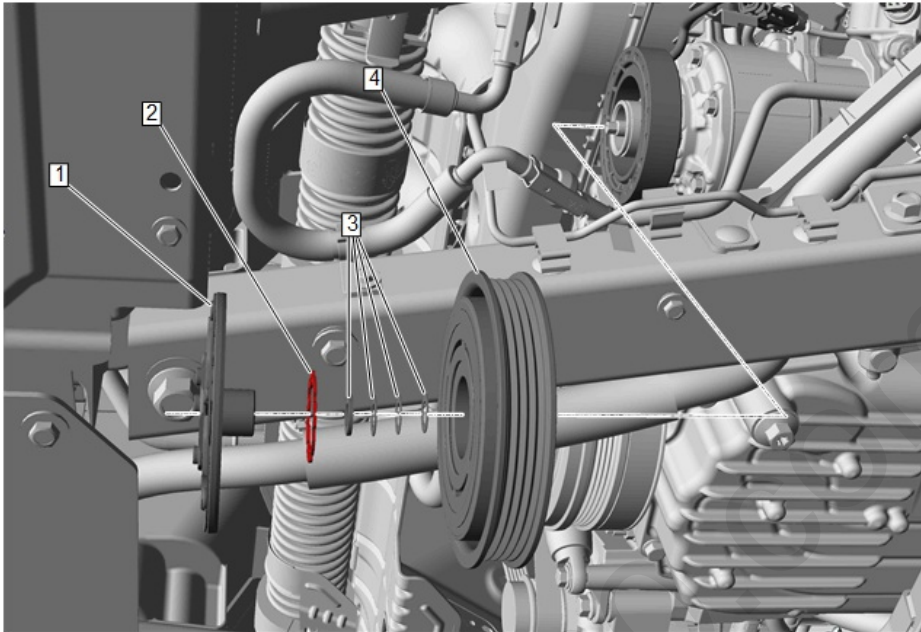
1. HVAC

2. **Heating, Ventilation, and Air Conditioning**

3. **Repair Instructions**

- 4.

Air Conditioning Clutch Drive Plate Adjustment



1. [Click here for full size](#)

2. Note:

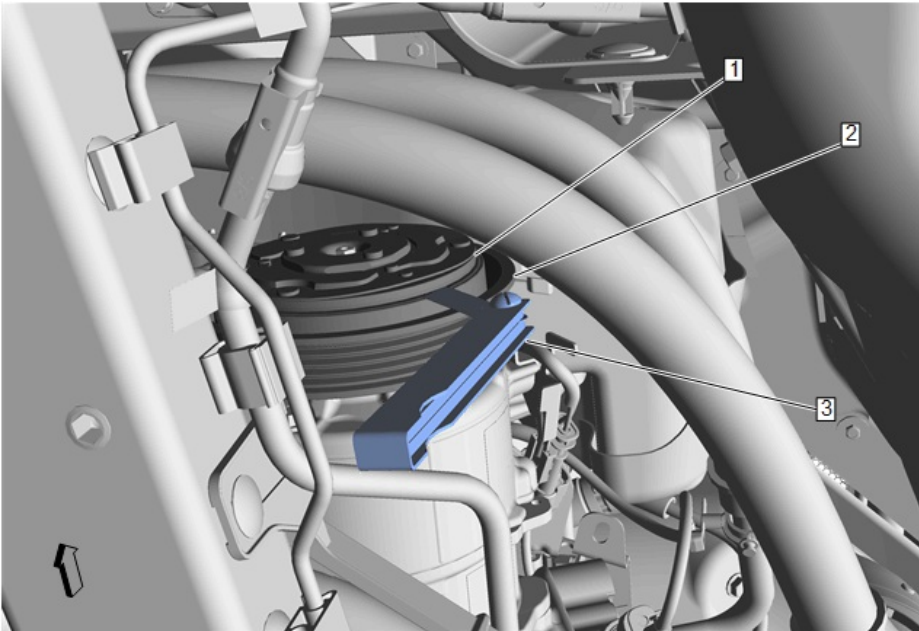
The air conditioning clutch shim count will vary for each air conditioning compressor. Be sure to verify the number of shims once the clutch is removed.

3. Air Conditioning Compressor Clutch Drive Plate (1) >> Remove - Air Conditioning Clutch Assembly Replacement

4. Note:

Use the original shim count as a starting point to determine the proper air gap for the air conditioning clutch plate.

5. Install the air conditioning clutch shims (3) as needed to achieve the appropriate air gap of 0.25mm $\hat{\sim}$ 0.41mm (0.01in $\hat{\sim}$ 0.02in) .



6. [Click here for full size](#)
7. Install and hand tighten the air conditioning clutch drive plate (1).
8. Measure the air gap between air conditioning clutch drive plate (1) and the air conditioning compressor pulley (2) using the appropriate feeler gauge (3).
9. If the air gap is out of range remove the air conditioning clutch drive plate, and add or remove shims as need to achieve the appropriate air gap.
10. Repeat steps 2,3, and 4.
11. Air Conditioning Compressor Clutch Drive Plate (1) >> Tighten - Air Conditioning Clutch Assembly Replacement
12. Ensure the air conditioning compressor clutch does not drag against the air conditioning compressor clutch pulley when the pulley is rotated.