# A/C Service Tips for 2002–2005 Ford Explorer 4.6 V8 Gas Engine

2002–2005 Ford Explorer A/C systems feature a scroll style compressor.
As described in gpd Tech Tip #36, "Piston Replacement Compressors", the scroll design is known to underperform at low RPMs and does not tolerate excess debris well on select applications.

It is best practice to properly flush the system and replace the condenser and hoses when replacing the compressor, especially after a catastrophic failure. Any contaminants/debris left in the system from the failed compressor can create a restriction in the condenser, causing high head pressure and premature failure of the new compressor.

For a hassle-free A/C service, gpd highly recommends the following when replacing gpd compressor 6511472 on a 2002–2005 Ford Explorer 4.6 V8 Gas Engine:

1. Flush system completely*

2. Replace the condenser*

   *Note: Parallel flow style condensers cannot be flushed. They must be replaced (Refer to gpd Tech Tip #1)

3. Replace the suction and discharge lines

4. Replace accumulator

5. Replace orifice tube

6. Replace all seals and o-ring

Failure to replace the above items may lead premature failure and void warranty.



6511472 · Scroll · 6 Groove
(With or without rear A/C)



Compressor Kits, Kits+, and System Service Kits available

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