

# 40-7400L Compressor Bracket

Ford 351M/400  
w/ or w/o Power Steering

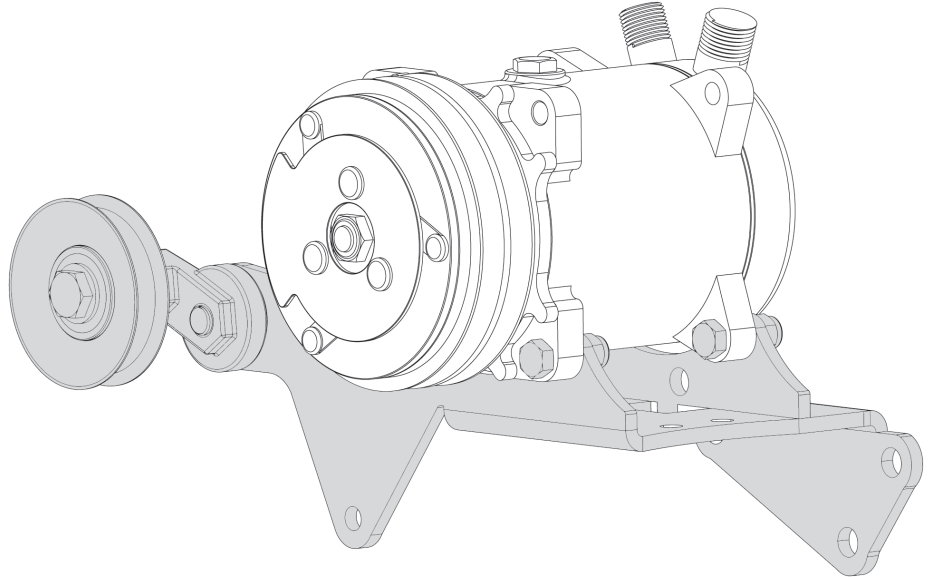
**OLD AIR** *Cooling the Classics*  
**PRODUCTS**

Division of Cold Air Products Inc.

1201 Forum Way South, Fort Worth TX 76140  
817-531-2665 or FAX 817-531-3257

The 40-7400L compressor bracket is designed to mount a Sanden 508 or equivalent compressor on the Driver side of a Ford 351M/400 V-8 engine.

Installation requires a 3 groove crankshaft pulley.



## Remove Factory A/C Bracket (Engines w/o A/C skip to step 7)

- 1) Evacuate and recover refrigerant from A/C system.
- 2) Disconnect Battery.
- 3) Loosen tensioner and remove belt from compressor. (Photo1)
- 4) Disconnect and remove Suction and Discharge Hoses from Compressor. (Photo1)
- 5) Remove OEM tensioner/bracket assembly and remove from engine. (Photo1)
- 6) Remove 4 bolts from bottom of OEM Compressor and remove compressor from engine. (Photo1)

Loosen Tensioner, Remove Belt  
and Tensioner/Bracket Assembly

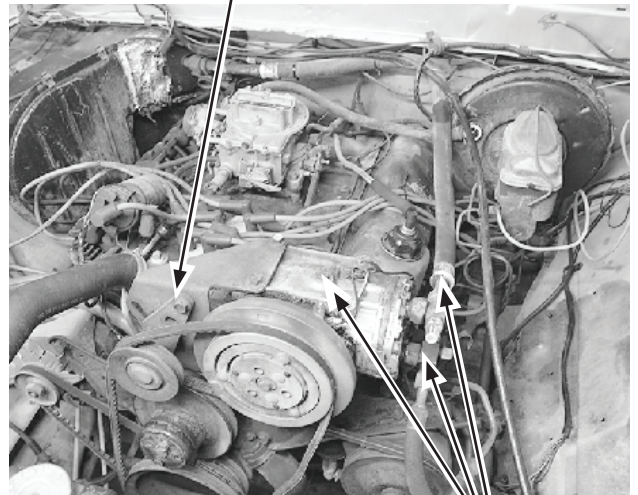


Photo 1

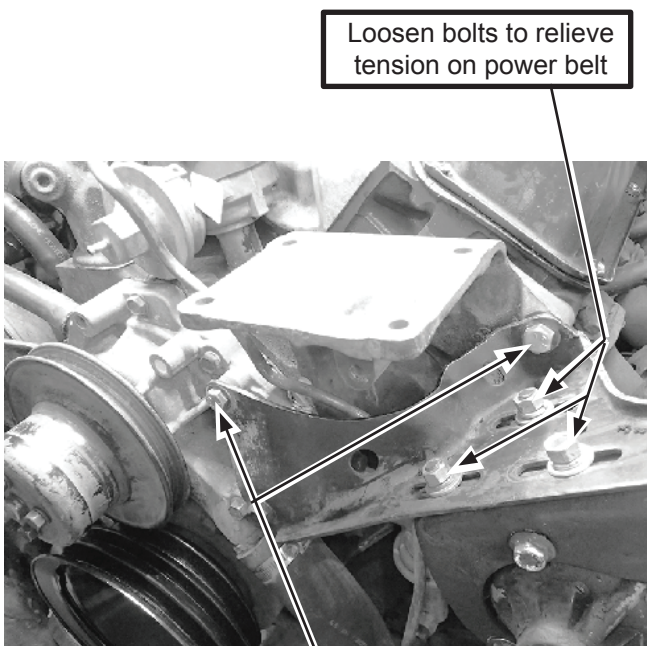
Remove A/C Hoses  
and OEM Compressor

**If equipped with power steering** (Manual steering skip to step 18)

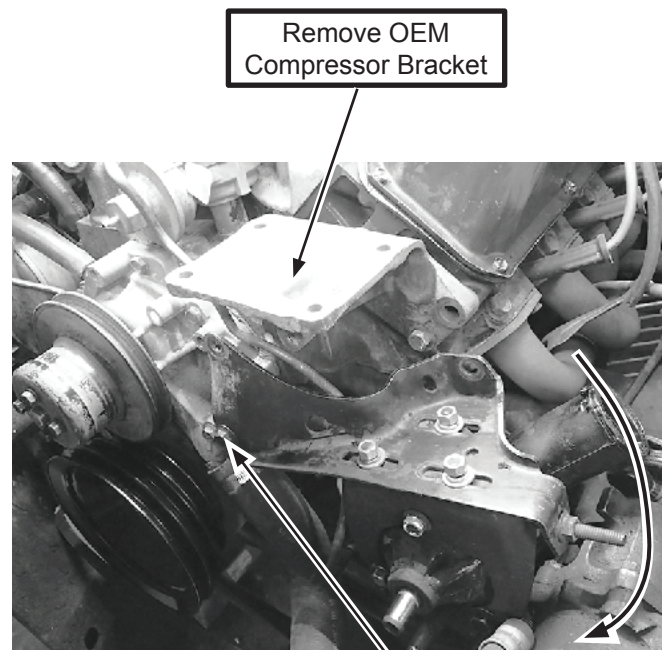
7) Loosen adjustment bolts and tensioner to relieve tension on power steering belt. (Photo 2)

8) Loosen bottom left bolt then remove top 2 bolts on power steering bracket. (Photo 2) This will allow power steering bracket and pump assembly to pivot downward to allow clearance to access bolts and remove OEM compressor bracket from face of cylinder head. (Photo 3)

9) Remove OEM compressor bracket from engine. (Photo 3)



**Photo 2**



**Photo 3**



## Install Compressor Bracket w/ OEM Power Steering

*(If equipped with Manual Steering Skip to Step 18)*

10) Hold compressor bracket flat against cylinder head. Align holes with head and secure bracket to head with (2) 7/16-14 X 3/4 bolt in lower head mounting locations. (Photo 4)

11) Secure top hole in bracket to head with 7/16"-14 x 2-1/4" bolt and .75-OD x .469-ID x 1.695 spacer between bracket and head. (Photo 5)

12) Temporarily thread 7/16"-14 x 3/4" bolt into far right mounting hole for correct alignment. (Photo 6)

13) Tighten bottom right bolt and secure bracket to head. (Photo 6)

14) Remove temporary bolt from step 12. (Photo 6)

15) Pivot power steering bracket back into place, and install 7/16-14 x 1-1/2 Hex bolt with .75-OD x .469-ID x .695 spacer between P/S bracket and compressor bracket. (Photo 7)

16) Insert 3/8-16 x 2" bolt through bracket, .75-OD x .406-ID x .990 spacer, power steering bracket and thread into water pump. (Photo 8)

17) Tighten all bolts to secure compressor and power steering brackets to cylinder head and water pump.

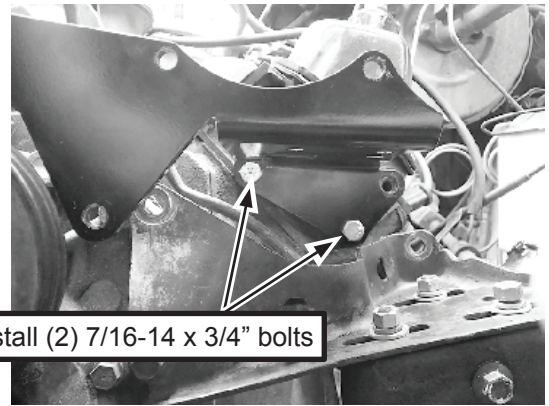


Photo 4

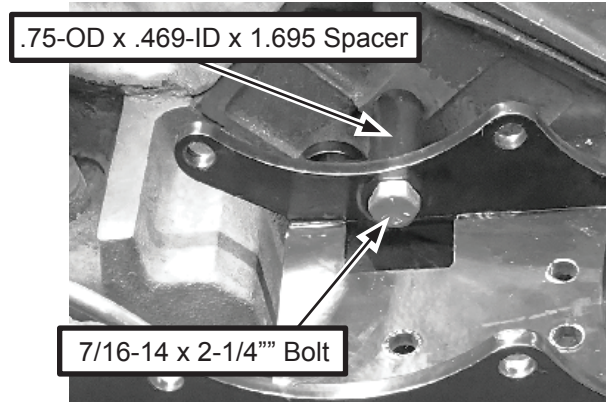


Photo 5

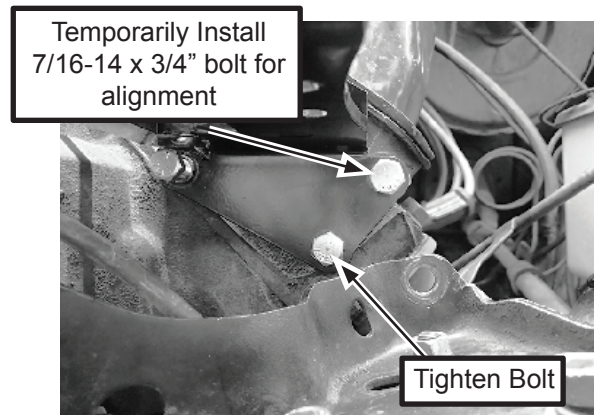


Photo 6

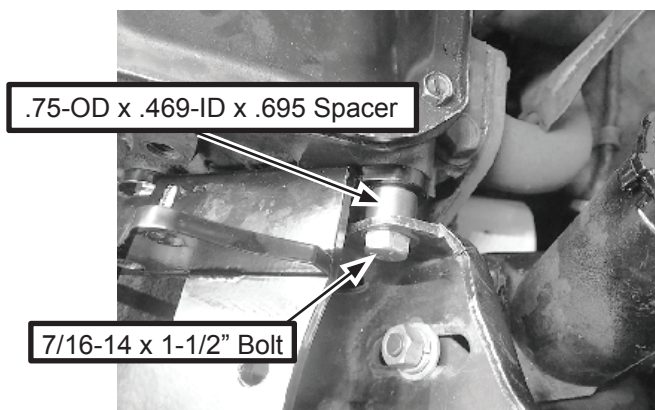


Photo 7

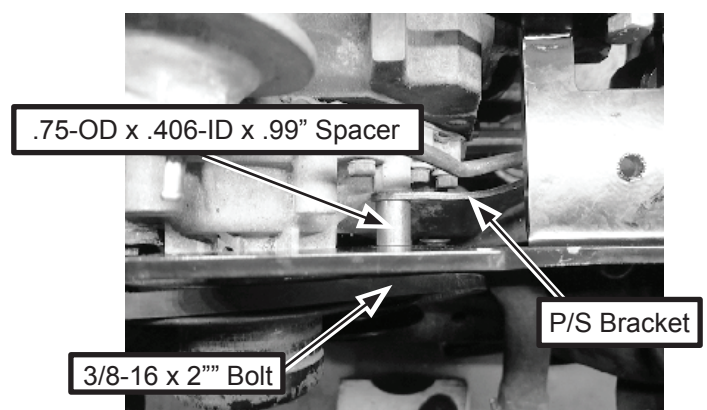


Photo 8

## Install Compressor Bracket w/ Manual Steering

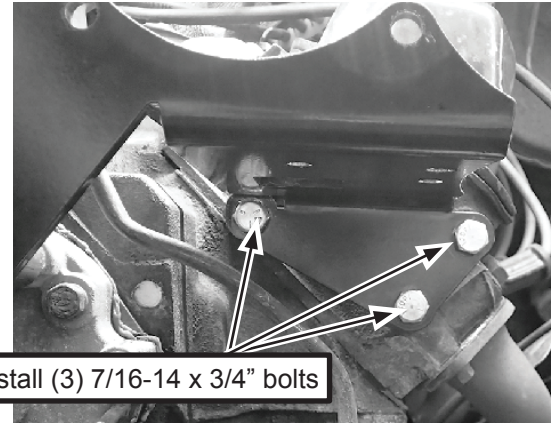
*(If equipped with Power Steering Skip to Step 22)*

18) Hold compressor bracket flat against cylinder head. Align holes with head and secure bracket to head with (3) 7/16-14 X 3/4 Hex bolts.

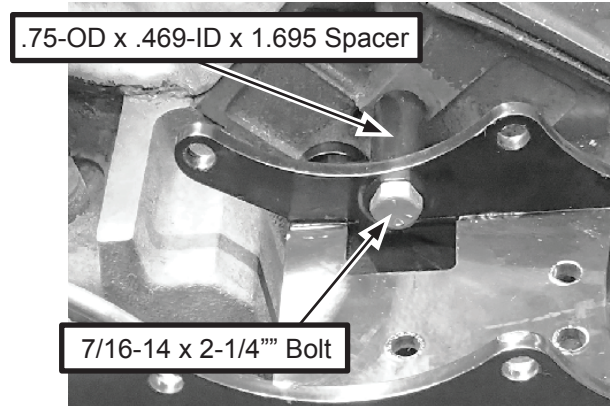
19) Secure top hole in bracket to head with 7/16"-14 x 2-1/4" bolt and .75-OD x .469-ID x 1.695 spacer between bracket and head.

20) Tighten bottom right bolt and secure bracket to head.

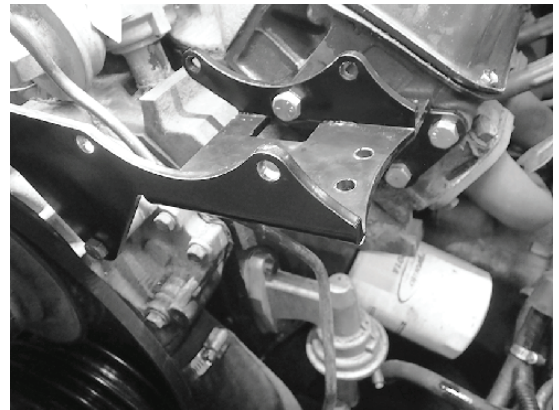
21) Tighten all bolts securing compressor and power steering brackets to cylinder head and water pump.



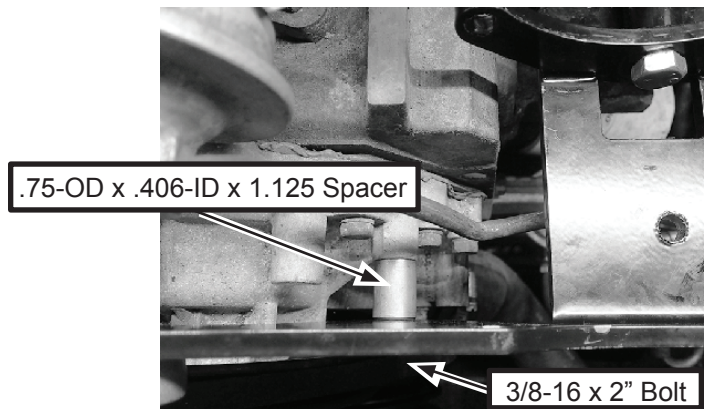
**Photo 9**



**Photo 10**

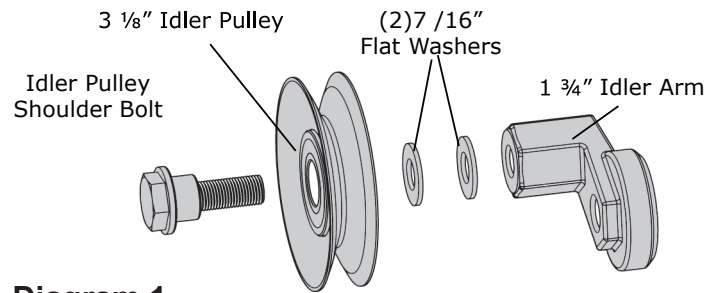


**Photo 11**



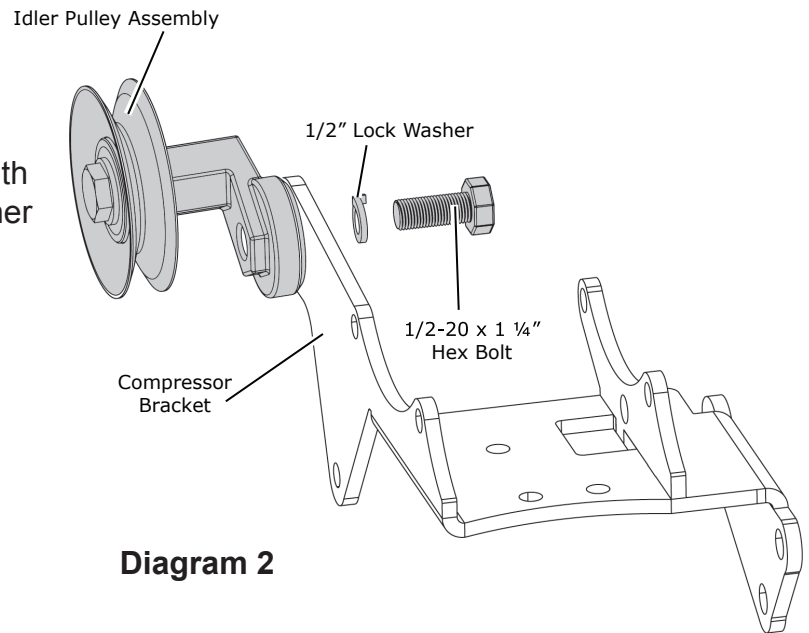
**Photo 12**

22) Assemble idler pulley assembly. Insert shoulder bolt through pulley and (2) 7/16" flat washers the thread into idler arm.



**Diagram 1**

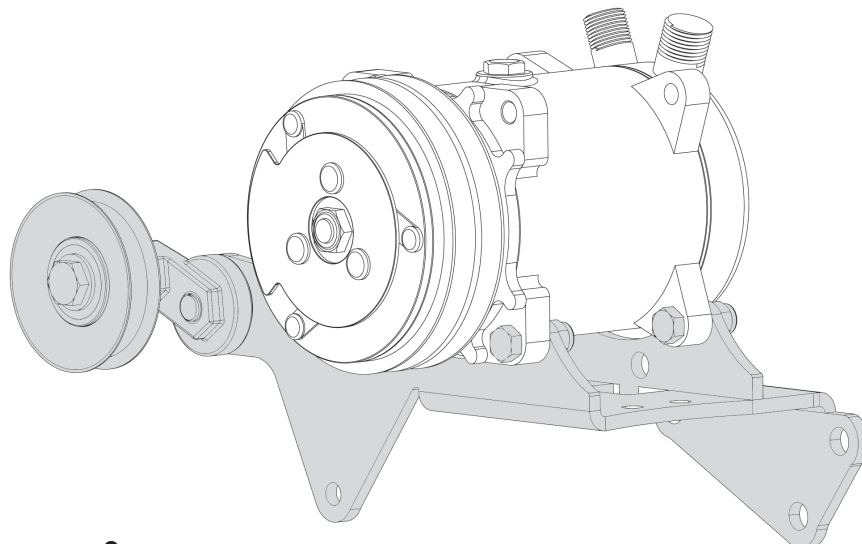
23) Attach pulley/idler assembly to bracket with 1/2"-20 x 1-1/4" Hex Bolt and 1/2" Lock Washer



**Diagram 2**

24) Mount compressor to bracket with (4) 3/8"-16 x 1-1/2" Hex Bolts and (4) 3/8"-16 Locknuts.

**NOTE:** Ears on compressor will attach to the front of the mounting tabs on the bracket. Compressor may be mounted with fittings pointed up or to the side for additional hood clearance. Do not mount with fittings pointed down!

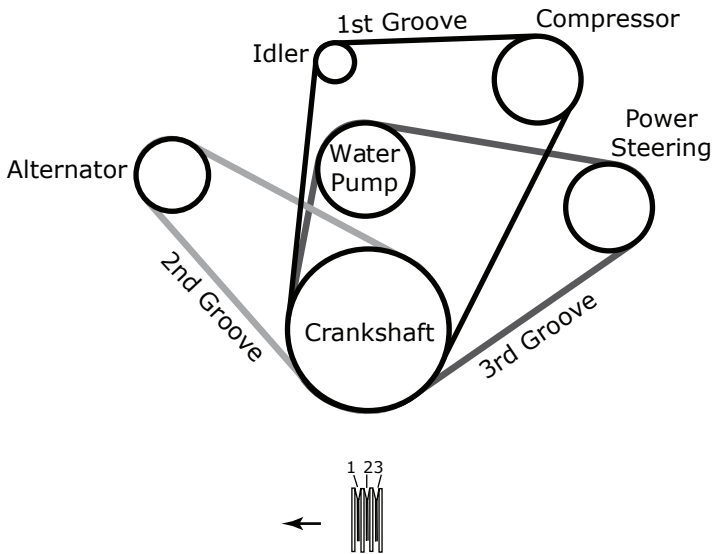


**Diagram 3**



25) Belt routing. **NOTE:** A compressor belt length of 54-7/8" is typical for engines with stock pulleys. However may vary depending on accessories and diameter of pulleys.

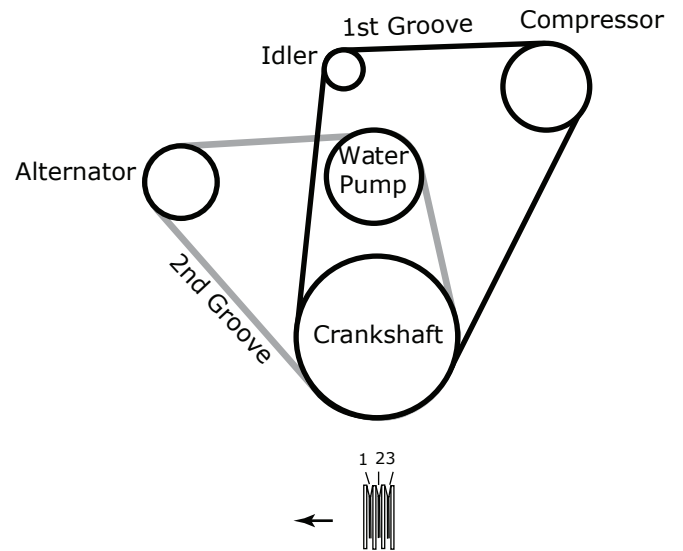
**with Power Steering**



**Crankshaft Pulley Grooves:**

1. Crankshaft, Idler & Compressor
2. Crankshaft, Alternator
3. Crankshaft, Water Pump & Power Steering

**with Manual Steering**



**Crankshaft Pulley Grooves:**

1. Crankshaft, Idler & Compressor
2. Crankshaft, Alternator & Water Pump
3. N/A