

**Ford 429-460 Kit 30270**

### **30271 main bracket**

1 x 30271-A.....main bracket  
2 x 740.....idler pulley  
2 x 302-A.....idler pulley cover  
6 x S022.....8-32 x .375" shcs  
4 x S144.....5/16-18 x .875" shcs  
5 x S150.....5/16-18 x 1.5" shcs  
2 x S170.....5/16-18 x 4" shcs  
4 x S210.....5/16-18 x 4.5" stud  
4 x S244.....3/8-16 x .75" shcs  
1 x S280.....3/8-16 x 5.5" shcs  
2 x S321.....3/8-16 x 1.75" hex bolt  
1 x S551.....M8-1.25 x 25mm shcs  
2 x S553.....m8-1.25 x 35mm shcs  
7 x S660.....5/16 washer  
2 x S666.....3/8 x.75" o.d. washer  
4 x S769.....5/16 x 2.150" ss threaded spacer  
2 x MM100.....bolt bushing  
1 x AC3-1.350" ..aluminium spacer  
  
2 x S622.....3/8-16 lock nut

### **30273-09 a/c rear support bracket**

1 x 30273A-09...a/c support bracket  
1 x S216.....5/16-18 x 2" hex bolt  
1 x S248.....3/8-16 x 1" shcs  
1 x S344.....7/16-14 x 1" shcs  
1 x S660.....5/16 washer  
1 x S666.....3/8 x.75" o.d. washer  
1 x S672.....7/16 washer  
1 x TP3-.700" ..... .700" spacer

### **30272 alternator rear support bracket**

**Note (30024-A, 30412-A & S244 are preassembled)**

1 x 30024-A.....rear support bracket assm  
1 x 30412-A.....spacer tube assm  
1 x S244.....3/8-16 x .75 shcs assm  
1 x S344.....7/16-14 x 1" shcs  
1 x S452.....5/8-18 x .450" set screw  
1 x S672.....7/16 washer

### **Accessories**

1 x P158.....aluminium water pump  
1 x P572.....chrome 140amp alternator  
1 x P412.....chrome a/c compressor  
1 x 417.....a/c manifold  
2 x S550.....M8-1.25 x 20mm shcs

### **1885-206 pulley kit**

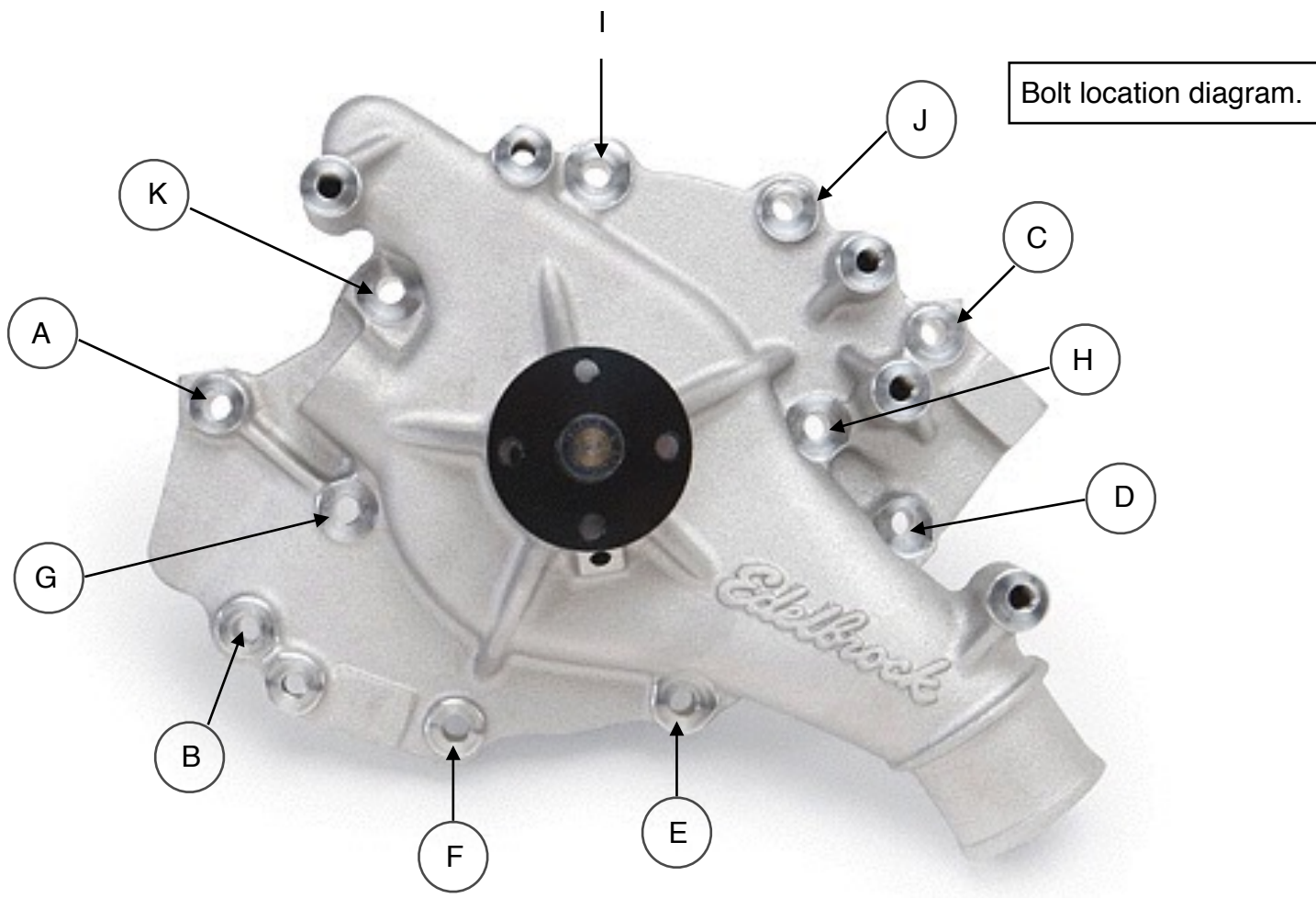
1 x 1881-A.....crank pulley  
4 x S248.....3/8-16 x " shcs  
1 x 2232-A.....water pump pulley  
1 x 313-A.....water pump pulley cover  
4 x S186.....5/16-24 x.875" shcs  
1 x 206-A.....alternator pulley  
1 x S685.....alternator lock washer  
1 x 306-A.....alternator pulley cover  
3 x S028.....8-32 x 1" shcs  
1 x 221-A.....alternator fan  
1 x 394-A.....a/c clutch cover  
3 x S124.....1/4-20 x .75" button bolt  
3 x S520.....M6-1.0 x 20mm button bolt

### **21207 tensioner assm**

1 x 21207-A.....tensioner bracket  
1 x P758A-04...tensioner  
1 x 759-A.....tensioner cover  
2 x S022.....8-32 x .375"shcs  
1 x S163.....5/16-18 x 3.25" shcs  
1 x S616.....5/16-18 lock nut  
2 x S660.....5/16 washer

**shcs = socket head cap screw**

**Any questions please call our tech line at 888-729-9070**



### Step 1

Ensure the sealing face of the coolant outlets are clean, flat and free of old gasket material. Mount water pump (P158) to block along with proper gaskets and refer to bolt location diagram for proper bolt and stud locations.

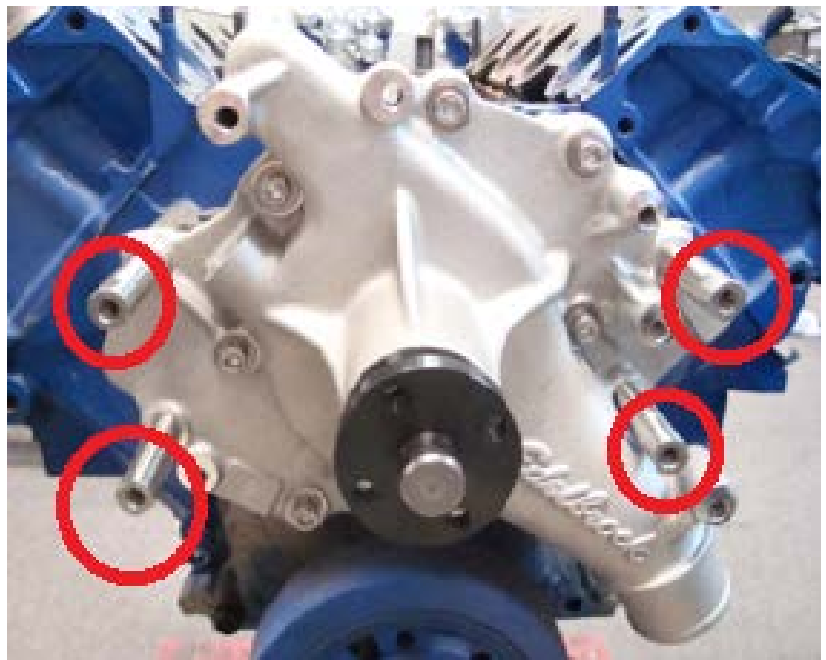
**E,F,G,H,I**.....5/16" x 1-1/2" SHCS (S150) and a 5/16" washer (S660).

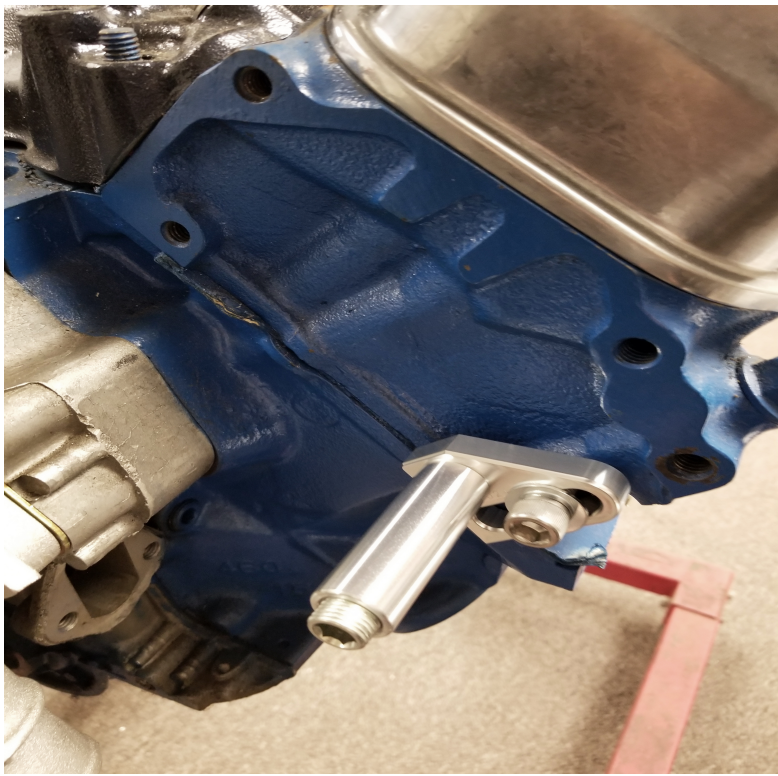
**J,K**.....5/16" x 4" SHCS (S170) and a 5/16" washer (S660).

**A,B,C,D** .....4-1/2" threaded studs (S210).

**A,B,C,D** .....Four 2.150 tapped spacers (S769) as shown.

Install four threaded studs (S210) into water pump holes A,B,C,D, leaving 1/2" exposed through the water pump. Next install four threaded spacers (S769) onto threaded studs and tighten.



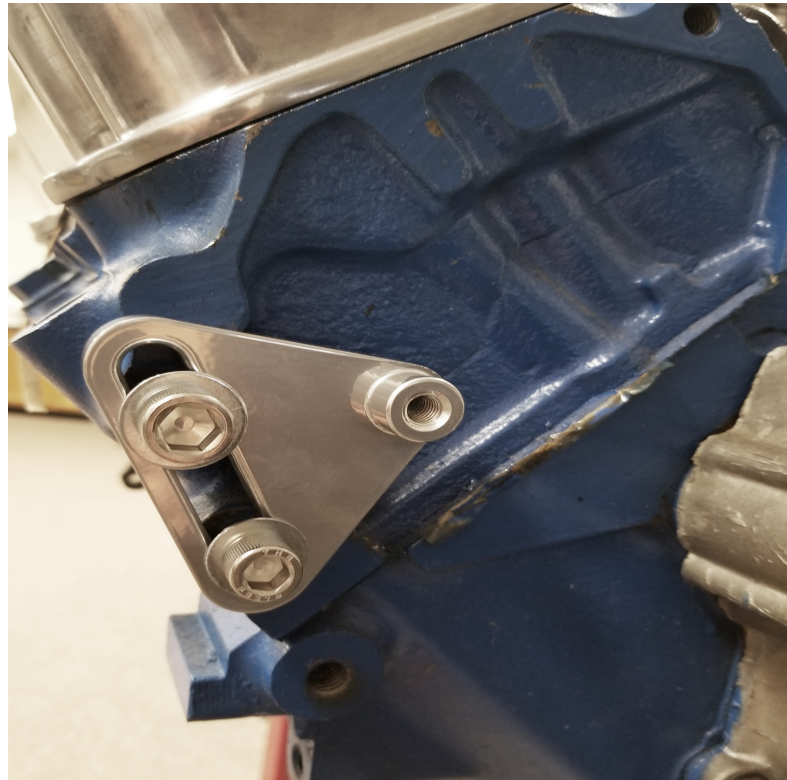


### Step 2

Install the rear alternator support bracket (30024-A) with the pre-assembled (30412-A) spacer tube to the driver side head with one (S344) 7/16-14 x 1" shcs and one (S672) 7/16" washer and leave slightly loose at this time. Next install the (S452) 5/8-18 x .450" set screw and install until flush with spacer tube.

### Step 3

Install (30273A-09) air conditioning rear support bracket to the passenger side head with a (S248) 3/8-16 x 1" shcs and a (S666) 3/8 x .75" washer in the bottom head hole. In the upper hole use a (S344) 7/16-14 x 1" shcs and a (S672) 7/16" washer. Leave slightly loose as it will need to be adjusted for alignment.

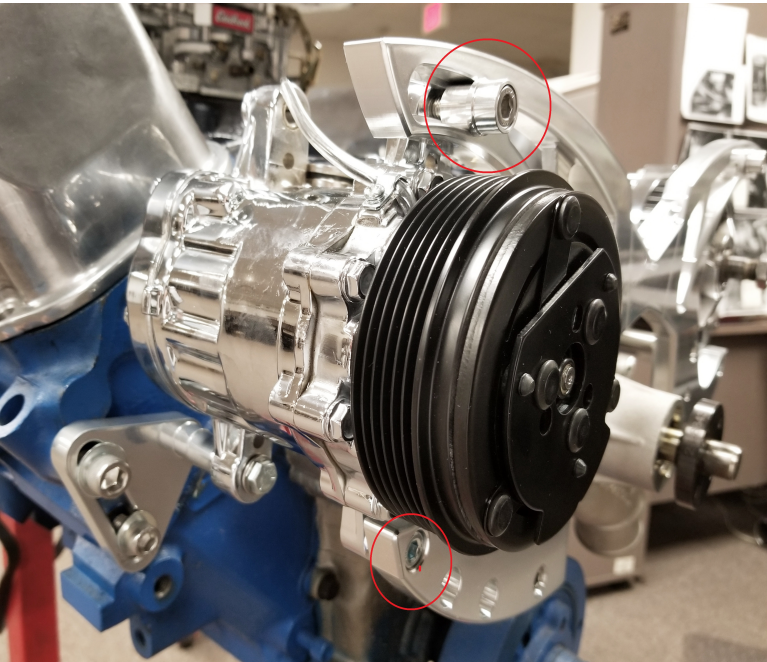
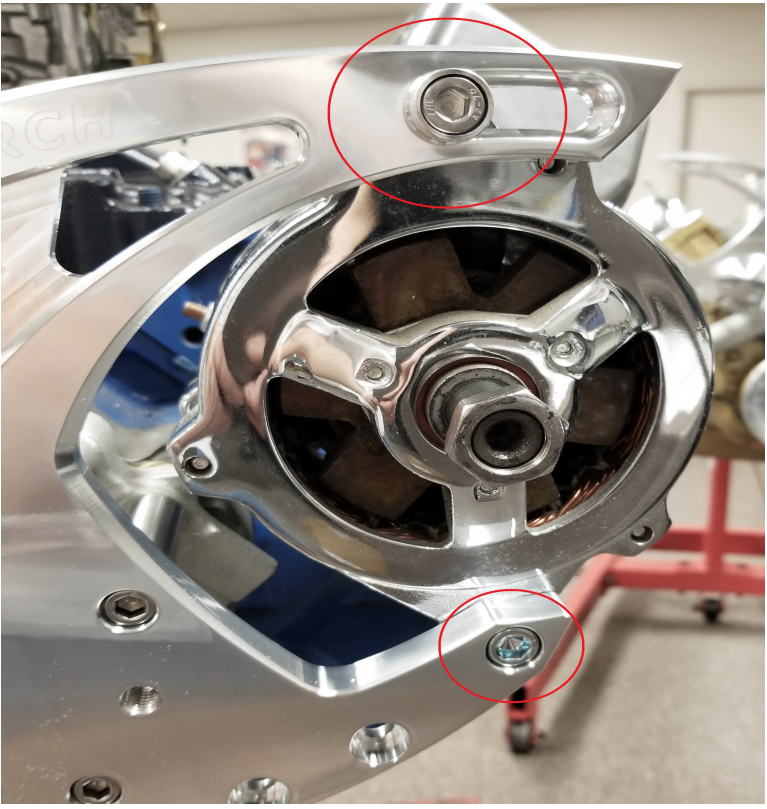
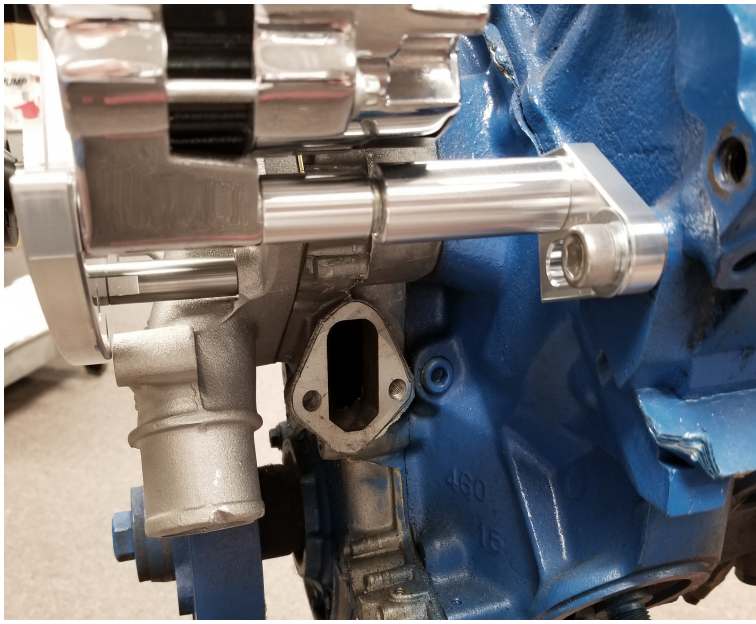


### Step 4

Mount (30271-A) front main bracket to the four threaded spacers using four (S144) 5/16-18 x .875" shcs and leave hand tight at this time.

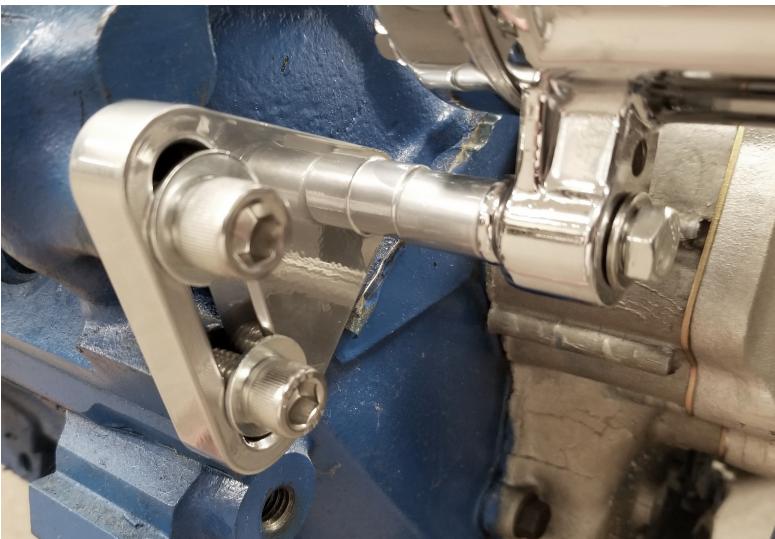
### Step 5

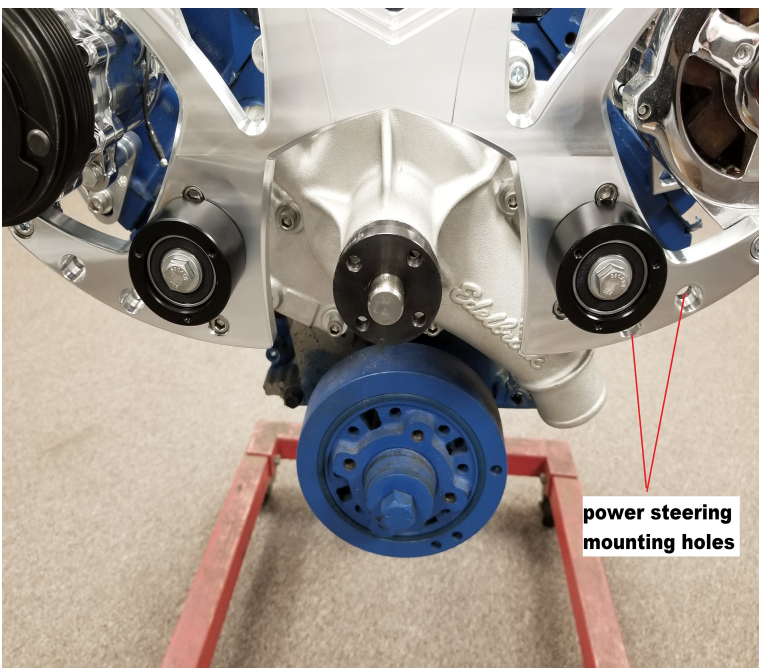
Install (P572) alternator to main bracket. First install (S280) 3/8-16 x 5.5" shcs through the main bracket and into the lower alternator ear. Then add (AC3-1.350") alum. spacer between alternator ear and rear support bracket assembly. Take up any gap with 5/8 set screw and tighten (S280) into rear support bracket. In upper slot of main bracket secure alternator with a (MM100) bolt bushing and a (S553) M8-1.25 x 35mm shcs.



### Step 6

Next install (P412) a/c compressor to the main bracket. In the upper slot use a (MM100) bolt bushing and a (S553) M8-1.25 x 35mm shcs. Then use a (S551) M8-1.25 x 25mm shcs into the lower hole. Secure the rear compressor ear to rear support bracket with a (S216) 5/16-18 x 2" hex bolt, a (S660) 5/16 washer and a (TP3-.700") spacer in between the rear compressor ear and rear support bracket as shown.



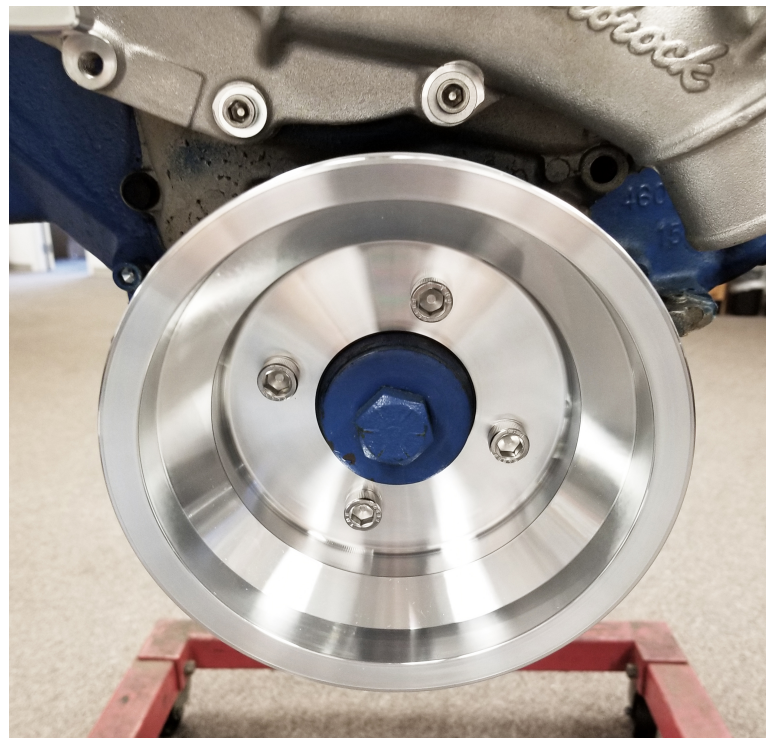


### Step 7

Install two (740-A) idlers to the main bracket each side using a (S321) 3/8-16 x 1.75" hex bolt with a (S666) 3/8 x .75" washer under head of bolt. The two lower holes under the alternator on the main bracket install two (S244) 3/8-16 x .75" shcs with two (S622) 3/8-16 lock nuts on the backside. These mounting holes are used for the power steering mount if needed later.

### Step 8

Install (1881-A) crank pulley to balancer with four (S248) 3/8-16 x 1" shcs.

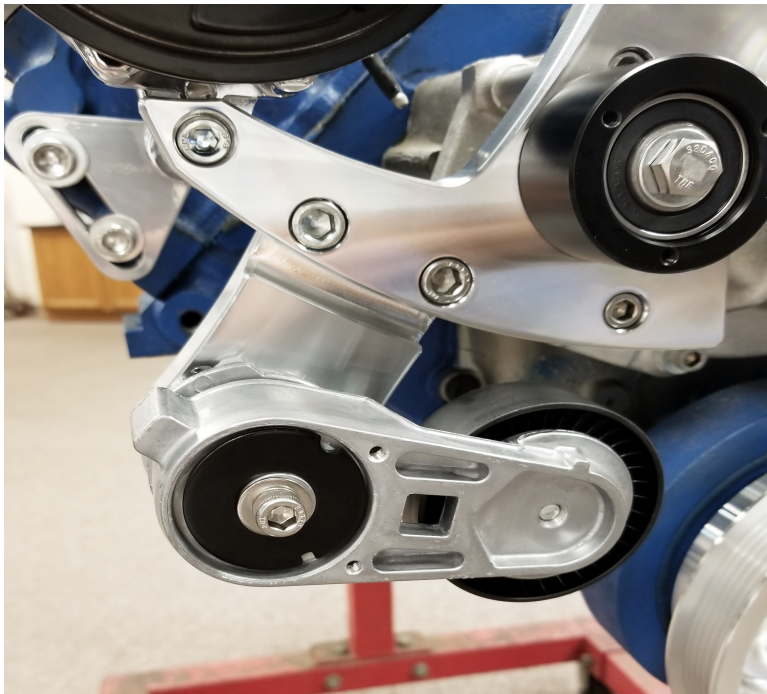


### Step 9

Install (2232-A) water pump pulley with (313-A) water pump cap using four (S186) 5/16-24 x .875" shcs. **\*NOTE: If using a mechanical fan DO NOT install the water pump cap. We DO NOT supply bolts for mechanical fans or adapters.**

### Step 10

Install (221-A) alternator fan on to (P572-A) alternator then (206-A) alternator pulley and retain with (S685) alternator lock washer and alternator nut. You can use a impact wrench or install to 90 ft lbs. Now install (306-A) alternator pulley cover with three (S028) 8-32 x 1" shcs.



### Step 11

Install (21207-A) tensioner bracket to backside of main bracket with two (S244) 3/8-16 x .75" shcs. Now install (P758A-04) tensioner to tensioner bracket with a (S163) 5/16-18 x 3.25" shcs and two (S660) 5/16 washers and secure with a (S616) 5/16-18 lock nut. The tensioner can be installed in 3 different positions to aid in belt length variation and belt routings. We suggest installing in the middle position first if using 90.5" belt and top position for 91.0" belt.

### Step 12

Install the air conditioning clutch cover (394-A) to the front of the air conditioning unit (P412). Use three (S124) 1/4-20 x 3/4" button heads or three (S520) M6 x 20 mm button heads depending on the threads in clutch on your compressor.



## Step 15

To install belt: First make sure a/c and alternator are all the way inward in the slots of the main bracket. Then use a 1/2" drive ratchet on tensioner and rotate clockwise, route belt as shown. This system will use a 69.5" 6 rib belt (**Dayco # 5060695**) with tensioner installed in the middle position. If a belt seems to long you may also adjust the a/c and alternator outward to create more tension. Once the belt is on, Now install two of (302-A) idler pulley nose covers to the idlers with three (per cover) (S022) 8-32 x .375" shcs. Now install (759-A) tensioner cover with two (S022) 8-32 x .375" shcs. When ready to attach a/c lines to compressor, remove block off plate from compressor and install (417-A) a/c manifold with two (S550) M8-1.25 x 20mm shcs.





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2. To avail yourself of this Limited Warranty, return the Product with a copy of the paid receipt, postage paid to: MARCH PERFORMANCE 16160 PERFORMANCE WAY NAPLES, FL 34110
3. When returning the Product, you must follow the directions set forth on the Warranty/Return Form on the reverse side of this Limited Warranty. If you no longer have the Warranty/Return Form, one may be obtained by contacting March Performance during normal business hours at: (888) 729-9070.
4. Shipping and/or transportation costs returning the Product to March Performance and any damage caused during shipping are your responsibility. March Performance will pay for shipping and/or transportation costs incurred in returning the Product to you.

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All products returned for any reason must reference an authorization number (RGA). The RGA number is obtained by calling place of purchase during normal business hours. Any product returned without the RGA# written on the return package next to the return shipping label will be refused.

All returns must ship via UPS and be properly packaged in the original carton. Return freight charges are the responsibility of the customer unless the product was shipped in error.

March product returned after (1) year from date of purchase will not be accepted unless it is found to be a manufacturer defect. The customer must include a written statement describing the alleged product defect. The complete Limited Warranty is set forth on the reverse side.

- 100% credit issued on manufacturer defects
20% return fee on all reshelvable product
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To receive replacements at no charge the original product must first be received and inspected by March Performance for determination. Immediate replacements may be purchased and later credited upon inspection determination.

Please Complete the Information below, detach and include with returned product.

Form fields for RGA#, CT#, Issued by, Date, Purchaser's Name, Phone, Address, Purchased Directly Through, Invoice#, Product ID, Invoice Date, Reason.

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