

Installation Instructions

Chrysler 383, 440 and 426 Hemi

Kit #40740 (without Power Steering) Use 68.5" Serpentine Belt

Kit #40745 (with Power Steering) Use 71.5" Serpentine Belt

Included Parts List

Main Front Bracket P/N # 40741

- 1 40741-A Front Bracket body
- 2 740-A Idler Pulley Body
- 2 302-A Idler Cap
- 2 MM100 Bolt Adjustment Sleeve
- 6 S022 8-32 x 3/8" SHCS
- 4 S244 3/8-16 x 3/4" SHCS
- 4 S248 3/8-16 x 1" SHCS
- 2 S321 3/8-16 x 1 3/4" Hex Head Bolt
- 4 S340 3/8 x 4" Threaded Stud
- 1 S551 8mm-1.25 x 25mm SHCS
- 2 S553 8mm-1.25 x 35mm SHCS
- 2 S622 3/16-16 Nylon Locknut
- 4 S771 3/8 x 2" Threaded Spacer

A/C Rear Support Bracket P/N # 40722

- 1 40722-A A/C Rear Support Brk Body
- 1 AC3-.200 Spacer Alum 3/8" id x .200 Lg
- 1 S155 5/16-18 x 2" SHCS

Alternator Rear Support Bracket P/N # 40723

- 1 40723-A Alt Rear Support Brk Body
- 1 S270 3/8-16 x 3 1/2" SHCS
- 1 S453 5/8-18 x .850" Set Screw
- 1 S622 3/8" Nylon Lock Nut

Power Steering Bracket P/N # 40724 For Kit # 40745 (Power Steering)

- 1 40724-A P/S Bracket Body
- 3 S551 8mm-1.25 x 25mm SHCS

Tensioner assembly 21124

- 1-21124-Atensioner bracket
- 1-759-A.....tensioner cover
- 1-P758.....tensioner
- 2-S022.....8-32 x 3/8" shcs
- 1-S162.....5/16-18 x 3.00" shcs
- 2-S660.....3/8 x 3/4 washer
- 1-S616.....5/16-18 lock nut

Pulley Kit

- 1 10321-A Crank Shaft Pulley Body
- 1 10326-A Water Pump Pulley Body
- 1 206-A Alt Pulley Body
- 1 306-A Alt Cap
- 1 221-A Alt Fan
- 1 394-A A/C Cover
- 3 S028 8/32 x 1" SHCS
- S520 6mm-1.0 x 10mm Button Hd Bolt
- 4 S143 5/16-18 x 5/8" SHCS
- 6 S144 5/16-18 x 7/8" SHCS
- 3
- 1 S685 1 1/16" Lock Washer
- 1 650-A Power Steering Pulley For Kit # 40725 (Power Steering)
- 3 S144 5/16-18 x 7/8" SHCS For Kit # 40725 (Power Steering)

Accessories

- 1 P182 Mopar Aluminium Water Pump
- 1 P412 A/C Compressor Chrome
- 1 P417 A/C Line Kit
- 1 P572 Alternator 140 Amp Chrome
- 1 P313 Remote Power Steering Pump For Kit # 40745 (Power Steering)

Preparing to Install

- Disconnect the battery to prevent accidental engagement of starter motor.
- Drain coolant from system
- If your A/C is intact and charged it must be evacuated. This is best done by a professional garage with proper recycling equipment
- Remove the existing alternator, air conditioning compressor and associated brackets.
- Remove all pulleys and water pump.
- Remove all traces of old gasket and sealer with gasket scraper and steel wool pad.
- Clean threads in block by chasing with appropriate thread chasers.

Installing the Kit

Photo-1 Make sure the water pump mounting surfaces are clean and free of old gasket material. Install the (4) four inch long studs (S340) in the mounting locations shown.

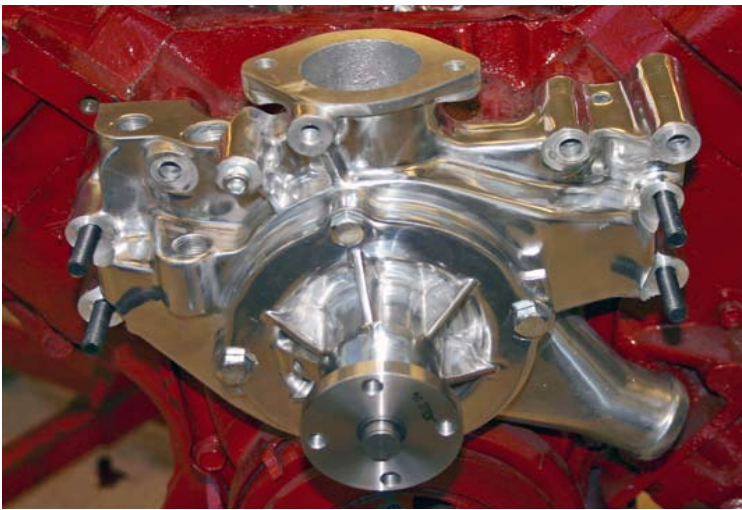


Photo-3 Slide the A/C Rear Supports (40722-A) over the studs on the passenger and side and Alternator Rear Support (40723-A) over the stud on the drivers side. Secure using the (4) $\frac{3}{8}$ x 2" (S771) Threaded Stainless Spacers mounting over the studs as shown.

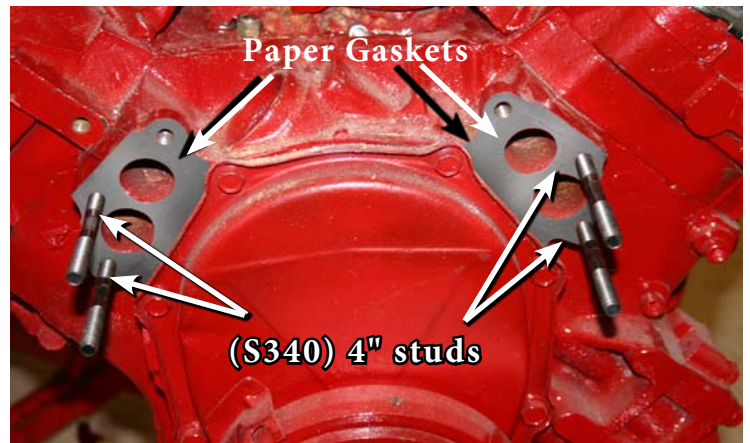


Photo-2 Using silicon sealer and new gaskets, install the Provided Water pump (P182) over the four studs as shown.



Photo-4 Install The Main Face Plate (40741-A) using (4) (S244) $\frac{3}{8}$ x $\frac{3}{4}$ " SHCS thru the four counter sunk bolt holes in the front of the plate and into the four Stainless Threaded Spacers.

Photo-5 Install the A/C Unit (P412) to the Main Bracket Face Plate with the A/C outlet lines pointing to the top. Use (1) M8 x 25mm SHCS (S551) in the bottom Front ear and (1) M8 x 35mm (S553) in the top counter sunk Slot along with the Countersunk Aluminum Bushing (MM100) as shown (do not tighten at this time).

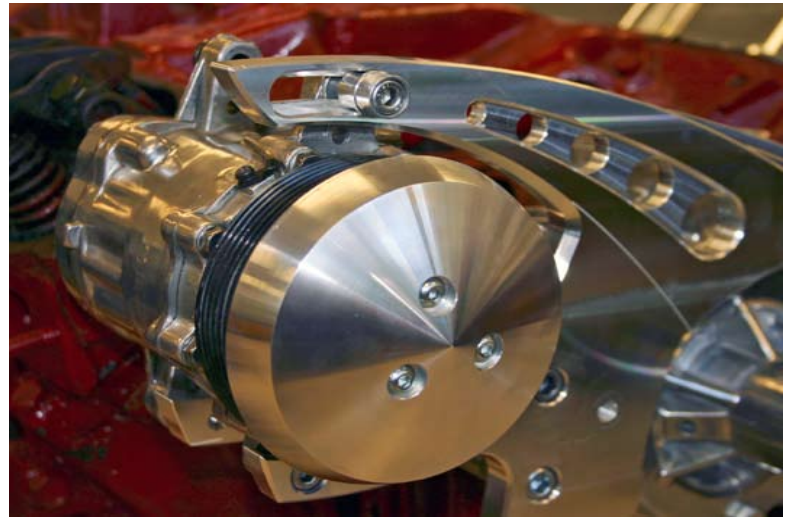
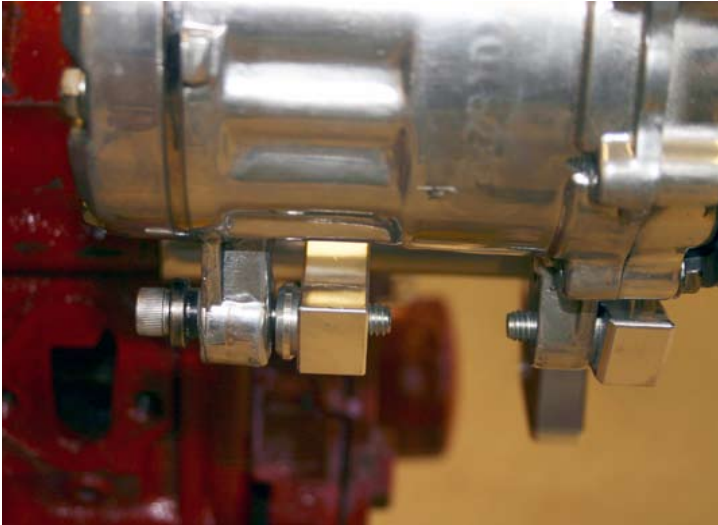


Photo-6 Install the rear $\frac{5}{16}$ x 2" SHCS (S155) A/C support bolt thru the rear lower ear of the A/C unit. Between the rear A/C ear and the Rear A/C support install a .200 Aluminum Bushing (AC3-.200) as shown and tighten at this time.

Photo-7 Install the $\frac{5}{8}$ " Dia. Threaded bushing (S453) into the Alternator Rear Support as shown.



Photo-8 Installing the Alternator (P572) using a $\frac{3}{8}$ x $3\frac{1}{2}$ " SHCS (S270) thru the bottom bolt hole. Adjust the $\frac{5}{8}$ " Dia. Threaded bushing (S453) to take up any slack between the Alternator's lower mount and the Rear Alternator Support Bracket. Secure with a $\frac{3}{8}$ " Lock nut (S622). In the upper Alternator location use a M8 x 35mm SHCS (S553) and Countersunk Aluminum Bushing (MM100). (do not tighten at this time).

Photo-9 Install the two (740) Idler units to the main face plate using two $\frac{3}{8}$ x $1\frac{3}{4}$ " Hex Bolts (S321) and two $\frac{3}{8}$ " washers (S666) as Shown.

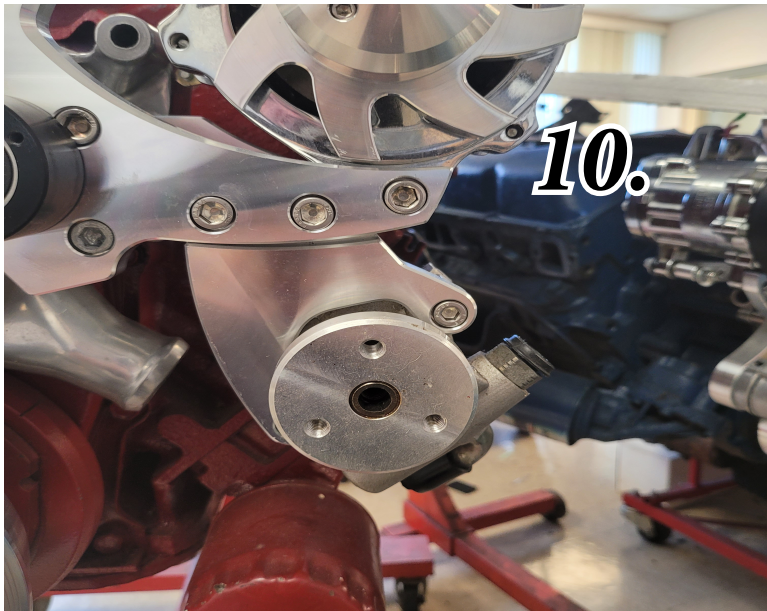
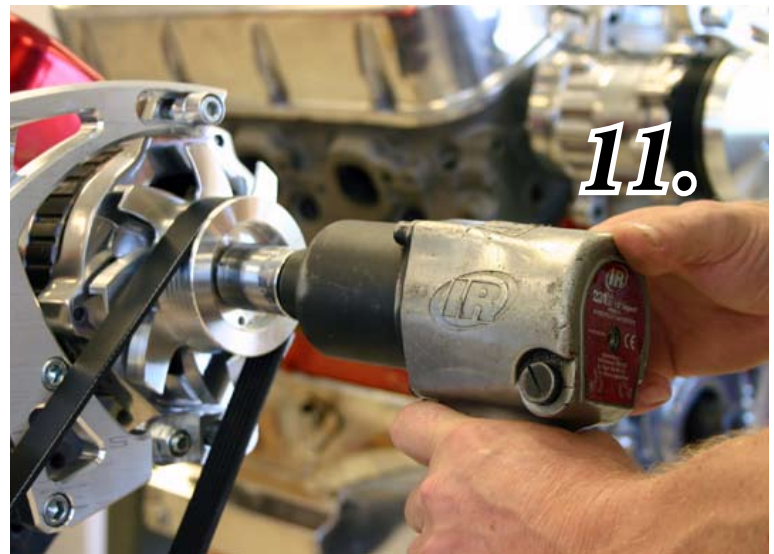


Photo-10 On kits with Power Steering install the Power Steering Pump Unit (P313) to the Power Steering Bracket (40724-A) using (2) M8 x 25mm SHCS (S551).

Install the Power Steering Bracket to the Main front bracket Using two $\frac{3}{8}$ x 1" SHCS (S248).

(NOTE: if not using power Steering Disregard and install Two $\frac{3}{8}$ x 1" SHCS and Two $\frac{3}{8}$ " Locknuts (S622) to fill the counter bored Holes.)

Photo 11. Slide the Alternator Fan (221-A) over the alternator shaft followed by the Alternator Pulley (206-A). Use the lockwasher (S685) and lock nut then tighten (We recommend a impact for installation of alt pulley, impact to 90 ft, pounds).



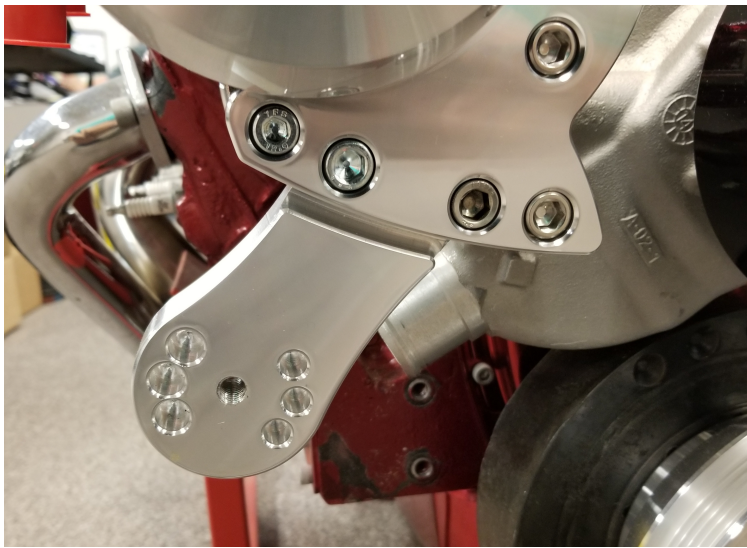


Photo-12

Install (21124-A) tensioner bracket to main bracket on passenger side with two (S248) 3/8-16 x 1" SHCS.

Step-13

Install (P758) pulley tensioner to tensioner bracket with one (S162) 5/16-18 x 3" SHCS, two (S660) 5/16 washers and one (S616) 5/16-18 lock nut. Install tensioner cover (759-A) with two (S022) 8-32 x 3/8" SHCS after belt is on.

Note: There are 3 positions the tensioner can be installed. Install in the middle location. The additional positions and slotted adjustments on the main bracket are to aid in correcting variations in belt lengths or stretched belts. This will also help with custom applications.



Photo 14 & 15

Install the Water Pump Pulley (10326-A) with four 5/16 x 5/8" SHCS (S143).

Install the Crank Pulley (10321-A) with (6) 5/16 x 7/8" SHCS (S144)

Install the Power Steering Pulley (650-A) using (3) 5/16 x 7/8" SHCS (S144).

Push both the Alternator and A/C units inwards at the top mounts and install the serpentine belt routing as shown. 71.5" belt (Dayco 5060715) for kits with Power Steering and 68.5" belt (Dayco 5060685) for Non-Power steering kits.

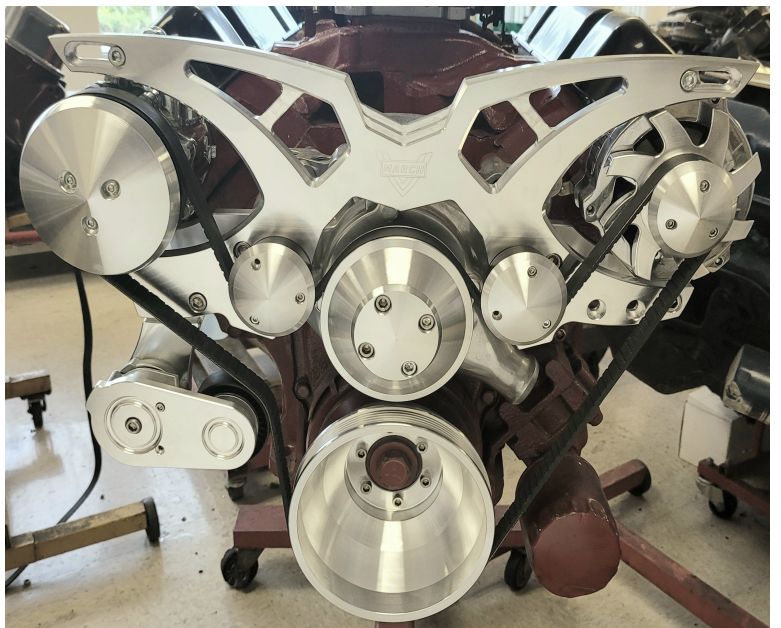




Photo 16

Install the Alternator Pulley Cover (306-A) with three $\frac{8}{32} \times 1$ " SHCS (S028).

Install the A/C cover (394) with three 6mm-1.0 x 16mm Button Hd Bolt (S520) or three 1/4-20 x 3/4" (S124) Button Hd bolts depending on threads in clutch assembly .

Install the Idler Covers (302-A) with (3) $\frac{8}{32} \times \frac{3}{8}$ " SHCS (S022).

Install tensioner cover (759-A) to tensioner with two $\frac{8}{32} \times \frac{3}{8}$ " SHCS (S022)

Final assembly

If you are going to be installing your air conditioning hoses and charging the system at this time, remove the cover plate on top of the compressor body. Install the A/C adapter lines (P417), hoses and connect clutch wire and charge system.

Important: If you are NOT installing hoses and charging the system at this time, leave cover plate on compressor. Do not connect the clutch wire or apply power to clutch wire without the hoses connected and the system charged – *Serious damage will occur to compressor.*

LIMITED WARRANTY

March Performance warrants to the original retail purchaser that for a period of ninety (90) days from the date of purchase, March Performance will repair or replace, at their option, any Product, which is found to be defective in material or workmanship.

Exclusions from Warranty Coverage

March Performance does not warrant any Product that is damaged from abuse, misuse or misapplication or not used for its intended purposes.

This Limited Warranty does not cover or apply to any damage or loss sustained to the engine or any other parts which may have been caused by the defective Product and does not cover or apply to any personal injury, labor charges or any other incidental costs for damages caused by the defective Product. THIS IS THE ONLY EXPRESS WARRANTY GIVEN WITH RESPECT TO YOUR PRODUCT. ALL OTHER EXPRESS WARRANTIES, GUARANTEES, OR STATEMENTS REGARDING THE PRODUCT, WHETHER WRITTEN OR VERBAL, ARE HEREBY DEEMED NULL AND VOID AND OF NO EFFECT.

Normal wear and tear and damage to the Product not caused by March Performance are also excluded from this Warranty.

DISCLAIMER OF OTHER WARRANTIES

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY WHETHER OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR WARRANTY, SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY WILL LAST SO THAT THE PRECEDING LIMITATION MAY NOT APPLY TO YOU.

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REPAIR OR REPLACEMENT AS PROVIDED IN THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. MARCH PERFORMANCE SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THE PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OF CONSEQUENTIAL DAMAGES SO THE PROCEEDING LIMITATIO OR EXCLUSIONS MAY NOT APPLY TO YOU. YOU HAVE NO RECOURSE OR REMEDY FOR DAMAGE OR DEFECT CAUSED BY MISUSE, ABUSE OR NEGLIGENCE.

THIS WARRANTY GIVES YOU SPECIFIC RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH MAY VARY FROM STATE TO STATE.

Your Responsibilities:

- 1. Use and install the Product only for its intended purpose.
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.

LIMITED WARRANTY WARRANTY/RETURNS FORM

No product mounted is considered for credit unless it is a manufacturer defect.

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
30% return fee on all repairable product

NO CREDIT WILL BE ISSUED ON RETURNED PRODUCT BEYOND REPAIR

March Performance thoroughly inspects all returns. It is the sole discretion of March Performance in determining the condition of all returned merchandise.

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.

** MOUNTED PRODUCTS ARE NONREFUNDABLE **