

Revolver



Powder Coated
NO Polishing Required

Highly Styled, Low Cost Serpentine Drive

Installation Instructions

Chrysler 383, 440 and 426 HEMI

Kit #40720 (without Power Steering) Use 71.5" Serpentine Belt

Kit #40725 (with Power Steering) Use 81.5" Serpentine Belt



Included Parts List

Main Front Bracket P/N # 40721

- 1 40721-A Front Bracket body
- 4 740-A Idler Pulley Body
- 4 302-A Idler Cap
- 2 MM100 Bolt Adjustment Sleeve
- 12 S022 8-32 x 3/8" SHCS
- 4 S244 3/8-16 x 3/4" SHCS
- 2 S248 3/8-16 x 1" SHCS
- 4 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 # 40725 (Power Steering)

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

Pulley Kit P/N # 10350-208

- 1 10321-A Crank Shaft Pulley Body
- 1 10322-A Water Pump Pulley Body
- 1 208-A Alt Pulley Body
- 1 307-A Alt Cap
- 1 221-A Alt Fan
- 1 394-A A/C Cover
- 3 S028 8/32 x 1" SHCS
- 4 S143 5/16-18 x 5/8" SHCS
- 6 S144 5/16-18 x 7/8" SHCS
- 3 S520 6mm-1.0 x 16mm Button Hd Bolt
- 1 S685 1 1/16" Lock Washer
- 1 650-A Power Steering Pulley For Kit # 40725 (Power Steering)
- 1 600-A Hub Power Steering For Kit # 40725 (Power Steering)
- 3 S144 5/16-18 x 7/8" SHCS For Kit # 40725 (Power Steering)

Adjustment Tool P/N # 30436

- 1 MM101 Right Hand Rod End
- 2 MM102 Left Hand Rod End
- 1 MM106 14 3/4" Threaded Rod

Accessories

- 1 P178 Mopar Polished Water Pump
- 1 P412 A/C Compressor Chrome
- 1 P417 A/C Line Kit
- 1 P572 Alternator 105 Amp Chrome
- 1 P315 Remote Power Steering Pump For Kit # 40725 (Power Steering)

Required Tools and Materials

RTV Silicone
 Loc-Tite® Thread Locker
 Gasket Scraper, Steel Wool or Sandpaper to clean gasket surfaces
 3/16" Allen Head Driver
 5/16" Allen Head Driver
 1/4" Allen Head Driver
 6mm Allen Head Driver
 5/8" Combo Wrench

9/16" Combo Wrench
 1 1/16" Combo Wrench
 3/4" Combo Wrench
 Socket Wrench & Extension
 10mm 12pt. socket
 12mm 12pt. socket
 81.5" Serpentine Belt (with P/S)
 71.5" Serpentine Belt (without P/S)



Tech Support 1-888-729-9070

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.

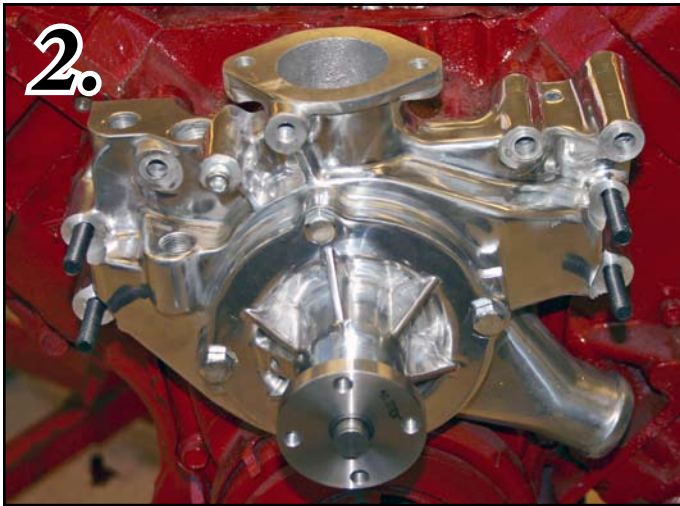


Photo-3 Slide the A/C Rear Supports (40722-A) over the studs on the passenger and side and Alternator Rear Support (40723-A) over the stud on the drivers side. Secure using the (4) $\frac{3}{8}$ x 2" (S771) Threaded Stainless Spacers mounting over the studs as shown.

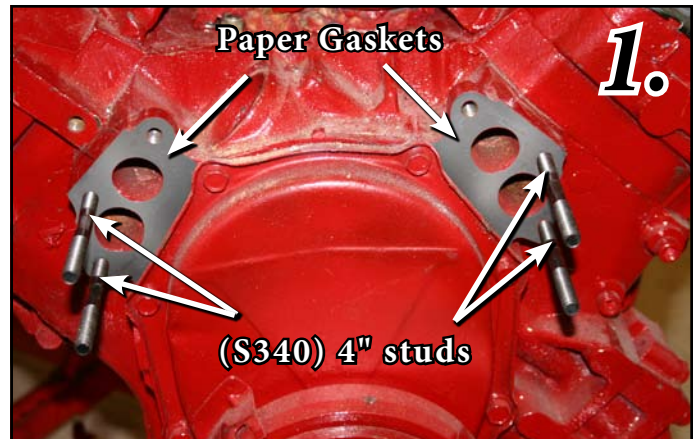


Photo-2 Using silicon sealer and new gaskets, install the Provided Water pump (P178) over the four studs as shown.



Photo-4 Install The Main Face Plate (40721-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).

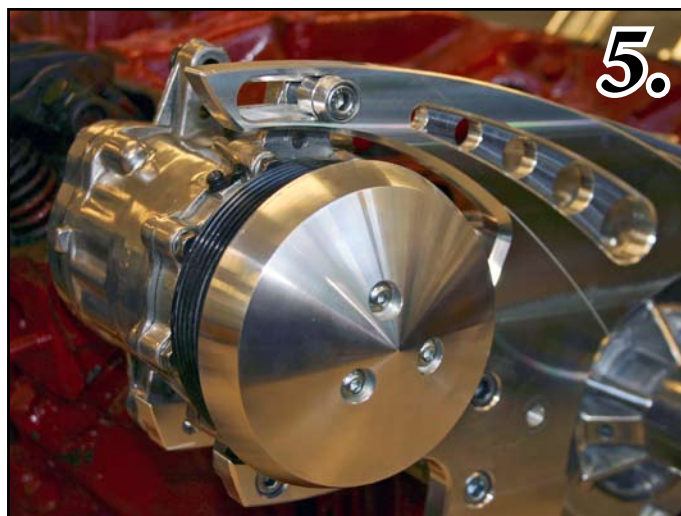


Photo-6 Install the rear $\frac{5}{16}$ x 2" SHCS (S155) A/C support bolt thru the rear lower ear of the A/C unit. Between the rear A/C ear and the Rear A/C support install a .200 Aluminum Bushing (AC3-.200) as shown and tighten at this time.

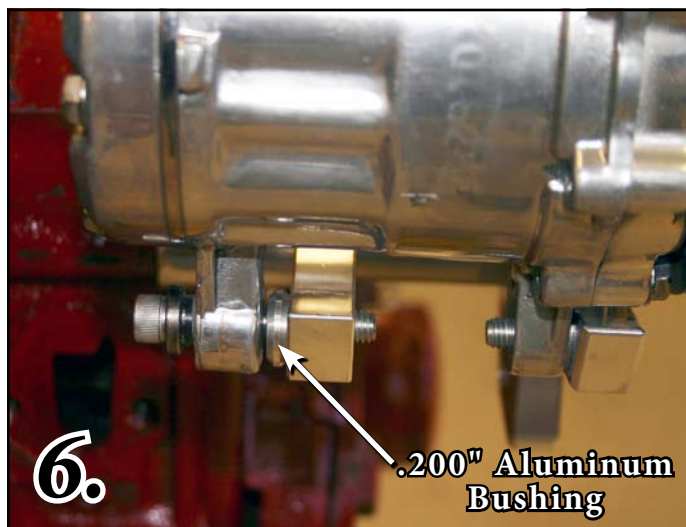


Photo-7 Install the $\frac{5}{8}$ " Dia. Threaded bushing (S453) into the Alternator Rear Support as shown.



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



Photo-12 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.)

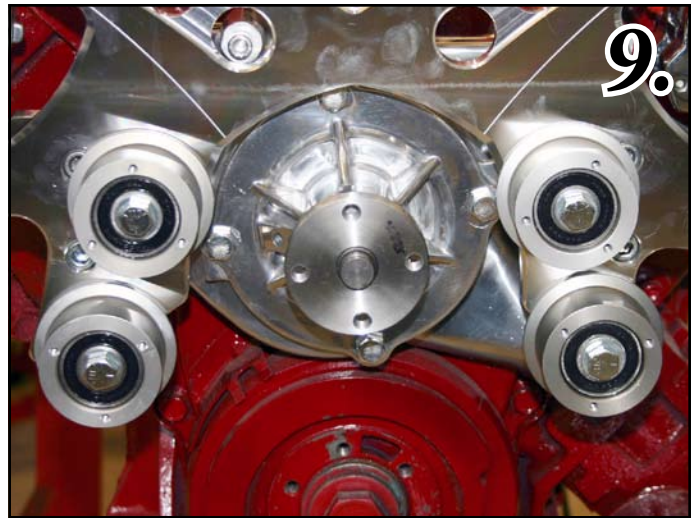


Photo-10 On kit with Power Steering install the Power Steering Pump Unit (P315) to the Power Steering Bracket (40724-A) using (3) M8 x 25mm SHCS (S551).

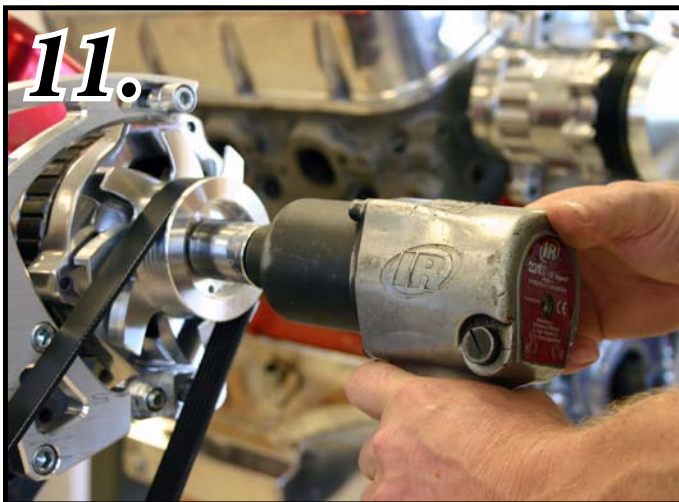
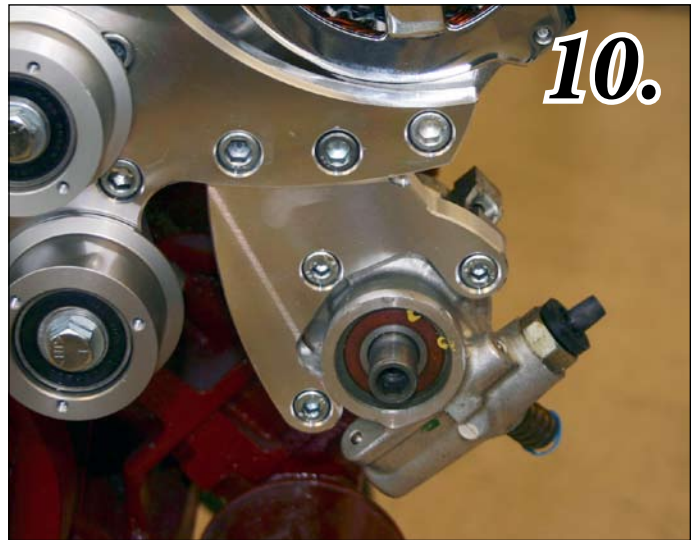


Photo 11. Slide the Alternator Fan (221-A) over the alternator shaft followed by the Alternator Pulley (208-A). Use the lockwasher (S685) and lock nut then tighten *(We recommend a impact for installation of alt pulley, impact to 90 ft, pounds).*

Photo 12. Install the Alternator Pulley Cover (307-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).

Install the WaterPump Pulley (10322-A) with four $\frac{5}{16} \times \frac{5}{8}$ " SHCS (S143).

Install the Crank Pulley (10321-A) with (6) $\frac{5}{16} \times \frac{7}{8}$ " SHCS (S144)

Install the Power Steering Pulley (650-A) using (3) $\frac{5}{16} \times \frac{7}{8}$ " SHCS (S144).

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



Photo 13 Push both the Alternator and A/C units inwards at the top mounts and install the serpentine belt routing as shown, 87½" belt for kits with Power Steering. Non-Power steering kits will bypass the P/S Pulley with a shorter 72½" belt.



Photo 14. Slip the supplied March Adjustment Tool (30436) over the two (MM100) bushings at the Alternator an A/C sides. Use a wrench to turn the adjustment tool outward to tighten the serpentine belt to 100 ft. lbs.

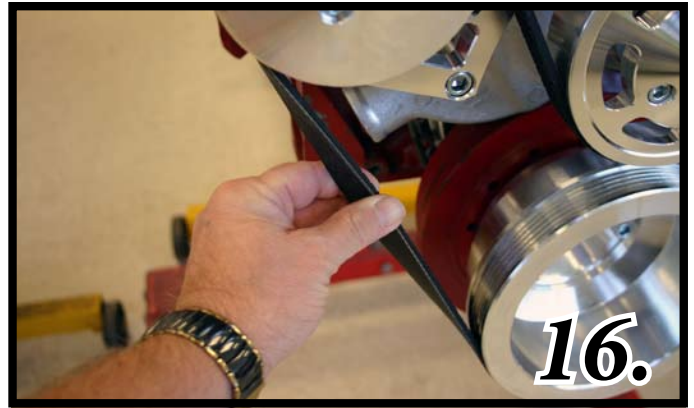


Photo 15. Use the holes in the adjustment tool to tighten both M8 socket head cap screws when correct belt tension has been achieved. Remove the adjustment tool and keep for future use.



Photo 16 TIP: Your Serpentine belt is tight when it can't be moved by more than 1/2" inch at it's longest span between pulleys. The belt should not be able to be twisted by more than half a turn.

Check and tighten all bracket bolts, alternator and A/C lower mounting bolts, turn engine over once by hand to check for any belt rubbing and proper belt alignment. Run engine three minutes and check belt tension again.



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.

Limitation on Remedies

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 PRECEDING LIMITATION 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

70% 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.

RGA# _____ CT# _____ Issued by: _____ Date _____

Purchaser's Name _____ Phone _____

Address _____

Purchased Directly Through _____ Invoice# _____

Product ID _____ Invoice Date _____

Reason _____

**** MOUNTED PRODUCTS ARE NONREFUNDABLE ****