

Highly Styled, Low Cost Serpentine Drive

Installation Instructions

*Chrysler 383, 440 and 426 HEMI
Alternator & Power Steering*

Kit #40730 and #40735 Use 67.5" Serpentine Belt



Included Parts List

Main Front Bracket P/N 40731

- 1 - 40731-A.....Main Front Bracket Body
- 2 - 740-A.....Idler Pulley Body
- 2 - 302-AIdler Pulley Cap
- 3 - S022 $\frac{8}{32}$ x $\frac{3}{8}$ " Lg Soc Hd Bolt
- 2 - S146 $\frac{5}{16}$ " x 1" Lg Soc Hd Bolt
- 4 - S244 $\frac{3}{8}$ " x $\frac{3}{4}$ " Lg Soc Hd Bolt
- 2 - S266 $\frac{3}{8}$ " x 3" Lg Soc Hd Bolt
- 2 - S321 $\frac{3}{8}$ " x 1 $\frac{3}{4}$ " Lg Hex Hd Bolt
- 4 - S340 $\frac{3}{8}$ " x 4" Lg Threaded Stud
- 2 - S666 $\frac{3}{8}$ " Id Flat Washer
- 4 - S771 $\frac{3}{4}$ " Od x 2" Lg Threaded Spacer
Stainless
- 1 - TP3-1.630.....Spacer Tube 1.630" Lg
- 2 - MM100.....Bolt Cover Bushing

Alternator Rear Support Bracket P/N 40732

- 1 - 40732-A.....Alt Rear Support Bracket Body

Power Steering Rear Support Bracket P/N 40733

- 1 - 40733-A.....P/S Rear Support Bracket Body

Power Steering Ring Adaptor P/N 21074

- 1 - 21074-A.....Ring Adaptor Body
- 2 - S244 $\frac{3}{8}$ " x $\frac{3}{4}$ " Lg Soc Hd Bolt
- 1 - S312 $\frac{3}{8}$ " x 1" Lg Hex Hd Bolt

Belt Adjustment Tool P/N 30436

- 1 - MM101.....RH Rod End
- 1 - MM102.....LH Rod End
- 1 - MM106.....1 $\frac{3}{4}$ " Threaded Hex Rod

Pulley Kit P/N 10360-206

- 1 - 10361-A.....Crank Pulley Body
- 1 - 10326-A.....Water Pump Pulley Body
- 1 - 10366-A..... $\frac{3}{4}$ " Thick Crank Pulley Spacer
- 1 - 206-A.....Alt Pulley Body
- 1 - 221-A.....Alt Fan Body
- 1 - 306-A.....Alt Cap
- 1 - 360-A.....P/S Pulley Cap
- 1 - 629-A.....P/S Pulley Body
- 3 - S028 $\frac{8}{32}$ x 1" Lg Soc Hd Bolt
- 3 - S106 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " Lg Soc Hd Bolt
- 4 - S144 $\frac{5}{16}$ " x $\frac{7}{8}$ " Soc Hd Bolt
- 6 - S150 $\frac{5}{16}$ " x 1 $\frac{1}{2}$ " Soc Hd Bolt
- 1 - S685 $\frac{11}{16}$ " Lock Washer

Accessories

- 1 - P178.....Mopar Water Pump Polished

- 1 - P304.....Power Steering Pump Chrome
FOR KIT # 40730 ONLY
- 1 - P555.....Alternator Chrome
FOR KIT # 40730 ONLY

- 1 - 9600Power Steering Pump Billet Alum
FOR KIT # 40735 ONLY
- 1 - 9655Alternator 1 Wire Billet Alum
FOR KIT # 40735 ONLY

Required Tools and Materials

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

- $\frac{9}{16}$ " Combo Wrench
- $\frac{11}{16}$ " Combo Wrench
- $\frac{3}{4}$ " Combo Wrench
- Socket Wrench & Extension
- 10mm 12pt. socket
- 12mm 12pt. socket

- 67.5" Serpentine Belt



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 four inch long studs (S340) in the mounting locations shown.



Photo-3 Slide the Alternator Rear Support Bracket (40732-A) over the Passenger side studs and the Power Steering Rear Support Bracket (40733-A) Over The Drivers side studs Retain the Two rear supports with the four provided $\frac{3}{8}$ x 2" Stainless Threaded Studs (S771) as shown.

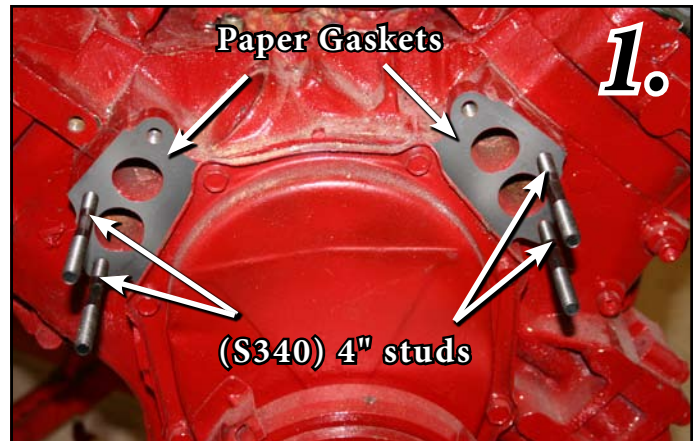


Photo-2 Using silicon sealer and new gaskets, install the Provided Water pump (P178) over the four studs as shown.



Photo-4 Install the Main Front Plate (40731-A) to the four studs using four $\frac{3}{8}$ -16 x $\frac{3}{4}$ " SHCS (S244).

Photo-5 Mount the Alternator (P555) to the passenger side of the Bracket with one $\frac{3}{8}$ x 3" SHCS (S266) in the lower mounting. In the upper mounting slot use one $\frac{5}{16}$ x 1" SHCS (S146) and one Aluminum Bushing (MM100) as shown. Leave loose at this time.

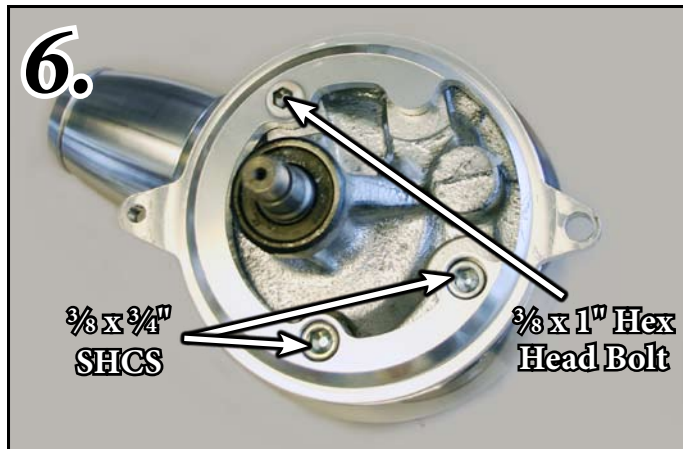


Photo -6 Mount the (21074) Adapter Bracket to the Power Steering Pump (P304) using two $\frac{3}{8}$ x $\frac{3}{4}$ " SHCS and one $\frac{3}{8}$ x 1" Hex Head Bolt. as shown .

Photo-7 Install the Power Steering Pump (P304) and Adapter Bracket unit to the drivers side bracket using one $\frac{3}{8}$ x 3" SHCS in the lower Hole and use one TP3-1.630 long Spacer Tube between the rear Lower Ear of the Adapter Bracket and the rear Support Bracket, Install one $\frac{5}{16}$ x 1" SHCS along with one Aluminum Bushing (MM100) into the upper slot as shown.

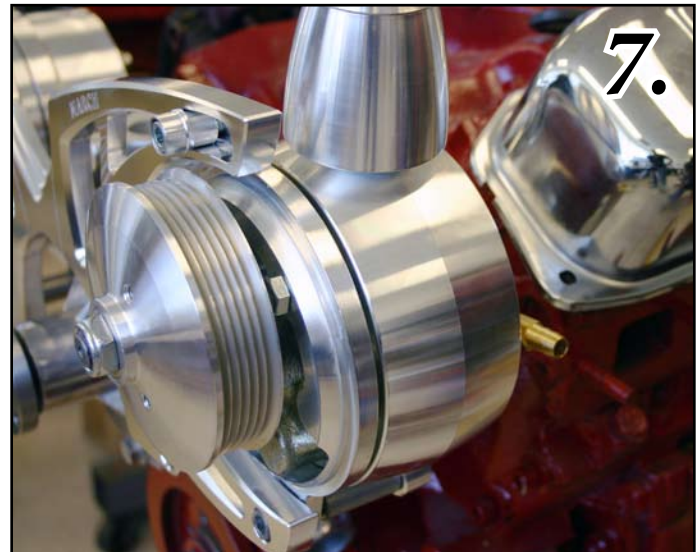


Photo-8 Install the two Idlers (740-A) to the main plate using two (S666) $\frac{3}{8}$ " washers and two $\frac{3}{8}$ x $1\frac{3}{4}$ " Hex Bolts (S321). Install the Idler Covers (302-A) with three $\frac{8}{32}$ x $\frac{3}{8}$ " SHCS (S022).

Photo-9 For O.E.M. Balancers Install the Crank pulley (10366-A) using (6) $\frac{5}{16}$ x $\frac{7}{8}$ " SHCS (S144) and using the (10367) Spacer Between the Balancer and the Crank pulley.

(NOTE: if your using a After Market Dampener contact March for the Proper Spacer)



Photo 10. 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*). Install the Alternator Pulley Cover (306-A) with three $\frac{8}{32}$ x 1" SHCS (S028)

Install the Water Pump Pulley (10326-A) with four $\frac{5}{16}$ x $1\frac{1}{2}$ " SHCS (S150).

Install the Power Steering Pulley (629-A) using (3) $\frac{1}{4}$ x $1\frac{1}{4}$ " SHCS (S106). and the Power Steering nose Cover (360-A).



Photo-11 Push both the Alternator and Power Steering units inwards at the top mounts and install the 67 $\frac{1}{2}$ " Inch belt as shown. Slip the supplied March Adjustment Tool (30436) over the two (MM100) bushings at the Alternator and Power Steering sides. Use a wrench to turn the adjustment tool outward to tighten the serpentine belt to 100 ft. lbs.

Photo 12. 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.



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.

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- 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 **