Highly Styled, Low Cost Serpentine Drive

Installation Instructions

Ford Flathead

Kit# 30600  90Deg Waterpump Mount With Alt/AC/PS
Kit# 30610  90Deg Waterpump  Mount With Alt/AC
Kit# 30615  45Deg Waterpump Mount With Alt/AC/PS
Kit# 30620  45Deg Waterpump Mount With Alt/AC
## Included Parts List

### Main Front Bracket P/N 30601
- 1 - 30601-A...........Main Front Bracket Body
- 2 - 740-A..............Idler Pulleys
- 2 - 302-A..............Idler Pulley Cap
- 6 - S022................1/32 x 1/8" SHCS
- 2 - S248.............1/8" x 1" SHCS
- 1 - S266..............7/32" x 3" SHCS
- 2 - S321...............7/32" x 1 1/2" Hex Hd Bolt
- 2 - S337.............1/4" x 1 1/2" Threaded Stud
- 3 - S551.............8M x 25mm SHCS
- 1 - S155.............7/16" x 2" SHCS
- 3 - S666.............3/8" id Flat Washer
- 2 - S787.............3/4 Od x 3.100" Lg Stainless Spacer
- 1 - TP5-.350 ........3/8" Lg Tube Spacer

### Power Steering Bracket P/N 30602
- 1 - 30602-A...........Power Steering Main Bracket Body
- 1 - 30602-B...........Power Steering Rear Support Bracket
- 1 - 30602-C...........Power Steering Rear Adjustment Bracket
- 2 - S102.............1/4" x 3/4" SHCS
- 2 - S218.............5/16" x 3 1/2" Hex Hd Bolt
- 2 - S248.............7/8" x 1" SHCS
- 2 - S250.............7/8" x 1 1/4" SHCS
- 2 - S254.............7/8" x 1 3/4" SHCS
- 1 - S327.............7/8" x 2" Hex Hd Bolt
- 1 - S425.............5/16" x 1 1/4" SHCS
- 2 - S616.............5/16" Lock Nut

### Power Steering Idler Bracket P/N 30606 FOR KITS # 30610 / 30620 ONLY
- 1 - 30606-A...........Idler Bushing Spacer Bracket
- 1 - 30606-B...........Idler Pulley Mount - (Assembled)
- 2 - S148.............5/16" x 1 1/4" SHCS
- 1 - S310.............5/16" Should Bolt (Assembled)
- 2 - S721.............Bearings (Assembled)

### Pulley Kit P/N 2070-206
- 1 - 2071-A...........Crank Pulley
- 2 - 2072-A...........Water Pump Pulley
- 1 - 206-A............Alt Pulley
- 1 - 221-A............Alt Fan
- 1 - 306-A............Alt Cap
- 2 - 329-A...........Water Pump Pulley Cap
- 1 - 394-A............A/C Cover
- 1 - 655-A...........Power Steering Pulley
- 3 - S028.............1/32 x 1" SHCS
- 3 - S144.............5/16" x 7/8" SHCS
- 8 - S189.............5/16" x 1 1/4" SHCS
- 3 - S520...........M6  Button Hd Bolts
- 1 - S685...........11/16"  Lock Washer

### Accessories
- 1 - P136.............Water Pump 90 Deg Mount LH Side
- 1 - P137.............Water Pump 90 Deg Mount RH Side
- 1 - P138.............Water Pump 45 Deg Mount LH Side
- 1 - P139.............Water Pump 45 Deg Mount RH Side
- 1 - P319...........Power Steering Pump FOR KITS # 30600 / 30615 ONLY
- 1 - P412...........A/C Compressor Chrome
- 1 - P417...........A/C Line Mount Kit
- 1 - P572...........Alternator Chrome

## 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
- 11/16” Combo Wrench
- 3/4” Combo Wrench
- Socket Wrench & Extension
- 10mm 12pt. socket
- 12mm 12pt. socket
- Serpentine Belt
- 108” 6 Rib Belt
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** Install the Crank Pulley (2071-A) Using the Factory Center bolt.

**Photo-2** Ensure the sealing face of the coolant outlets are clean, flat and free of old gasket material. Install the Two Water Pumps (P138) & (P139) (45 Deg) OR (P136) & (P137) (90 Deg.) Using (2) 3⁄8 x 13⁄4" SHCS (S254) for the center Bolts and two 3⁄8 x 1" SHCS (S248) for the outer bolts. The inner bolts holes will use the Two 3⁄8 x 11⁄2" Studs (S337) and the two 3.100 Long Stainless Tapped Spacers (S787) as shown.

**Photo-3** Bolt the Adjuster (30602-C) to the Power Steering main Bracket (30602-A) Using Two ¼-20 x ¾" SHCS (S102). (NOTE) Mount the adjuster on the same side as the 7/16” Counterbore,

**Photo-4** Mount the rear Alternator & A/C Support bracket (30602-B) using Two 3⁄8 x 1½" (S250) SHCS as shown leave loose for adjustment later,
Installing the Power Steering Pump (P319) use Two 5⁄16 x 3½” Hex Head Bolt (S218) and two 5⁄16” Locknuts (S616) install the locknuts into the rear counter bore slots and the 5⁄16” Hex Head Bolt thru the front of the Power Steering pump. Snug only at this time.

![Photo-5](image1)

Install the 3⁄8 x 2” Hex Head Bolt (S327) into the 3⁄8” Threaded plate for adjustment of the power steering.

![Photo-7](image2)

Install the A/C Unit (P412) with two M8 x 1.25 x 25mm SHCS (S551) thru the front Main Plate. One in the top mount and one in the bottom front mount. Install the Alternator (P572) with a M8 x 1.25 x 25mm SHCS (S551) in the top mounting location.

![Photo-9](image3)

In the lower Alternator mounting hole use a 3⁄8 x 3” SHCS (S266) thru the front plate and the lower Alternator mount and into the Rear Support bracket. Between the Rear Support Bracket and the rear of the alternator mounting ear insert a 3⁄8” steel washer (S666).

![Photo-10](image4)

Install the Power Steering/Bracket Unit to the intake manifold using the provided 9⁄16 x 1¼” SHCS (S425)

![Photo-6](image5)

Install the Main Front Alt and A/C Plate (30601-A) to the Main Rear Support P/S Plate (30602-B) using two 3⁄8 x 1” SHCS (S248) in the lower mounting holes.

![Photo-8](image6)

Tech Support 1-888-729-9070
At the rear A/C mounting location install a 5⁄16” I.D. x .350 long Spacer (TP5-.350) Between the rear A/C Ear and the Rear Support and use a 5⁄16 x 2” SHCS (S155). Note the 5/16 Bolt installs from the rear.

Important Note: Once the Alternator and A/C units have been secured it is important to tighten the two 3⁄8 x 1 1⁄4” SHCS securing the Alternator & A/C Support bracket (30602-B) to the Power Steering main Bracket (30602-A).

Install the two Water Pump Pulleys (2072-A) and the two Water Pump Pulley Caps (329-A) using the 8 Provided 5⁄16 - 24 x 1¼” SHCS (S189).

Install the two Idler Pulleys (740-A) to the Front Main Bracket using two 3⁄8 x 1 3⁄4” Hex Bolts (S321) and two (S666) washers. Install the two Idler Covers (302-A) with the provided six 8⁄32 x 5⁄8” SHCS (S022).

Pull the power steering unit up and install a 108” belt routing as shown. Adjustment is achieved by turning the 3⁄8” Adjustment Hex Head Bolt (see Photo 7) pushing the Power Steering Pump downward. Tighten belts to 100 FT. LBS. Tighten the two 5⁄16 x 2 1⁄2” SHCS (S218) in the power steering unit to lock the pump in place. Install the A/C cover (394-A) with three M6 Button Head Bolts (S520), Alt Fan (221-A), Alt Pulley (206-A) with Lock Washer (S685), and Alt Cover (306-A) with 8⁄32 x 1” SHCS (S028).

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 (P417) A/C adapter lines, 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.
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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:
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   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

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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#______________________________

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** MOUNTED PRODUCTS ARE NONREFUNDABLE **