



Rev: 12/20/12



Mustang 5.0 Alternator Kit 30510

Mustang 5.0 Alt & P/S Kit 30520

Mustang 5.0 Alt / P/S & A/C Kit 30550

Parts List:

Alternator Side Hardware

(All Kits)

- 2 - 748-A.....Idler Pulley (Larger Diameter)
- 2 - 302-A.....Idler Pulley Cover
- 1 - S563.....M10-1.5 x 70mm SHCS
- 1 - S666.....3/8" Flat Washer
- 6 - S022.....8-32 x 3/8 SHCS

AC/PS Side Hardware

(30520/30550 Kits)

- 1 - 30501-A.....AC/PS Bracket (30550 Kit)
- 1 - 30502-A.....P/S Only Bracket (30520 Kit)
- 1 - 30502-B.....Rear Support Brkt (Both Kits)
- 1 - 747-A.....Idler Pulley (Smaller Dia.)
- 1 - 302-A.....Idler Pulley Cover
- 1 - 713.....Adjustable Idler Assembly
- 3 - S022.....8-32 x 3/8 SHCS
- 2 - S102.....1/4-20 x 3/4 SHCS
- 1 - S260.....3/8-16 x 2-1/4 SHCS
- 1 - S321.....3/8-16 x 1-3/4 Hex Head
- 1 - S450.....5/8 x 1.125 Set Screw
- 2 - S547.....M8-1.25 x 140mm SHCS
- 2 - S551.....M8-1.25 x 25mm SHCS
- (30550 Kit)
- 2 - S553.....M8-1.25 x 35mm SHCS
- 1 - S554.....M8-1.25 x 80mm SHCS
- 1 - S666.....3/8" Flat Washer
- 2 - AC3-3.450.....3.450 Aluminum Spacer
- 2 - TP5-.350.....350 Aluminum Spacer

<i>Belt Sizes</i>	<i>""</i>	<i>Part #</i>
P/S Only	40.5"	5060405
AC/PS	47.5"	5060475
Alternator	66.7"	6PK1696

"" """"""30510 Pulley Kit

- 1 - 3052-A.....Water Pump Pulley
- 1 - 412-A.....Water Pump Cap
- 6 - S022.....8-32 x 3/8 SHCS

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""""""""30520/30550 Pulley Kit

- 1 - 3051-A.....Water Pump Pulley
- 1 - 650-A.....Power Steering Pulley
- 1 - 412-A.....Water Pump Pulley Cap
- 1 - 394-A.....A/C Clutch Cap (30550)
- 5 - S022.....8-32 x 3/8 SHCS
- 3 - S144.....1/4 x 3/4 SHCS

(For 30550 Kits)

- 3 - S124.....5/16 x 7/8 Button Head (or)
- 3 - S520.....M6-1.0 x 20mm Button Hd

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""""""""Accessories

- 1 - P313.....PS with Hub
- 1 - P412.....A/C Compressor
- 1 - P417.....A/C Line Adapters
- 1 - P564.....Alternator with Tensioner

Installation Instructions

Photo-1

Install the Stock Ford Alternator in its Stock location. Use the stock bolts from the Ford alternator. Next install the Stock Ford Belt Tensioning unit. Use the provided M10-1.5 x 70mm SHCS (S563) and a 3/4 O.D. Washer (S666).

Next remove the Belt Tensioner Pulley and the Idler Pulley, Remove and discard the 2" Washer from the belt tensioning idler, now replace both idlers with the two (748-A) idlers. Using the factory idler bolts.

***Note:** Tensioner Pulley bolt is left hand thread.



DISCARD
WASHER



Photo-2

Leave Tensioner Pulley Nose Cap off, but install the Idler Pulley Cover (302-A) with three 8-32 x 3/8 SHCS (S022). If running alternator only skip to Photo 11.



Photo-3

Install the Rear Adjustment support (30502-B) using a M8-1.5 x 80mm SHCS (S554), then thread in the 5/8 x 1-1/8" long Set Screw (S450).

Set bracket at 45 degrees.



Photo-4

Mount the Remote P/S Pump (P313) to the back side of the Main Bracket (30501-A) for P/S & A/C. Or 30502-A for P/S only bracket. Use two M8 x 35mm SHCS (S553) to attach the pump. Also space the pump off the bracket with two .350 long Spacer Tubes (TP5-.350).

Photo-5

Also on the rear side of the Main Bracket mount the Belt Adjustment Bracket (713) using two 1/4-20 x 3/4" SHCS (S102). Run the screws thru the front face of the Main Bracket.

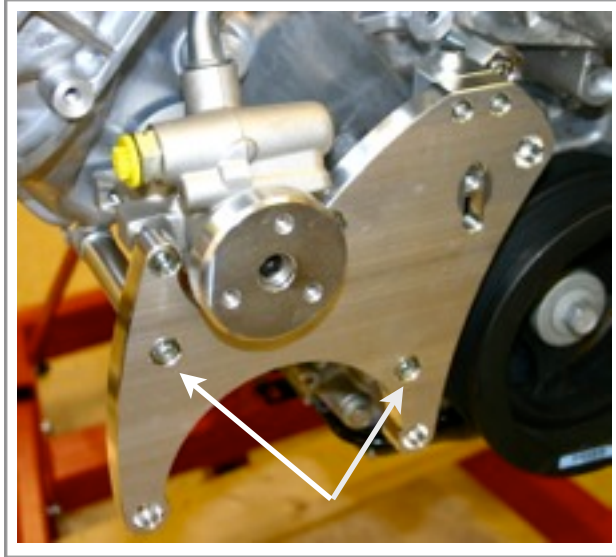


Photo-6

Now mount the Main Bracket to the block using two M8-1.25 x 140mm SHCS (S547) and two 3.450" Aluminum Spacer Tubes (AC3-3.450). Mount the Spacers between the block and the Main Bracket.

Photo-7

Now in the front of the main plate in the far right hole, use a 3/8 x 2-1/4" SHCS (S260) lining up the Rear Support (30502-B) using the 5/8 Adjustment Screw to take up any gap.



Photo-8

Mount the Idler (747-A) to the slot of the Main Bracket using a 3/4 O.D. Washer (S666). Mount with a 3/8 x 1-3/4" Hex Bolt (S321). Snug this idler down but do not fully tighten.

Photo-9

Mount the A/C Unit (P412) using two M8 x 25mm SHCS (S551). (FOR A/C KIT ONLY).

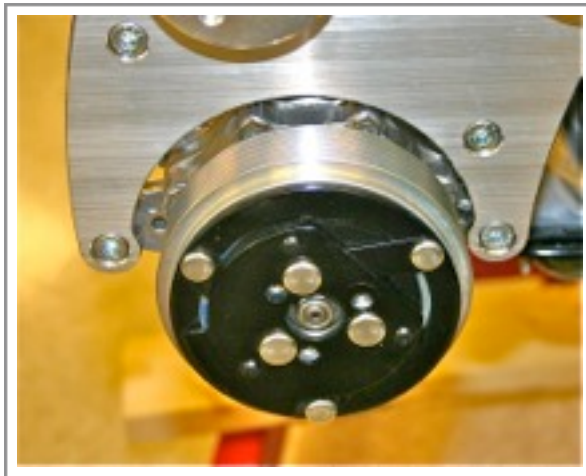
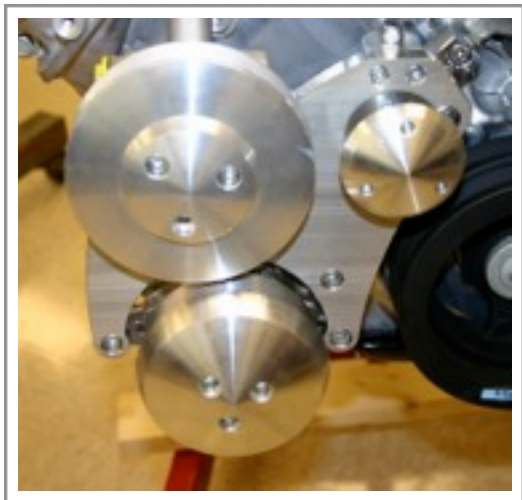


Photo-10

Install the P/S Pulley (650-A) using three 5/16 x 7/8 SHCS (S144), then add the A/C Cover (394-A) using three 1/4-20 x 3/4 " Button Heads (S124) or three M6-1.0 x 20mm Button Heads (S520).

Photo-11

For (Alt & P/S) & (Alt P/S & A/C) Kits: Replace the stock Water Pump Pulley with the provided Dual Serp Pulley (3051-A). For Alt Only: use the Single Serp Pulley (3052-A). Use the Stock 8mm Hex Bolts from the water pump. Then add the W/P Cap (412-A). Securing with five 8-32 x 3/8 SHCS (S022).



Photo-12

Installing the Belts (Alt. side first). Run the belt on the front grooves of the crank and the back grooves of the W/P. (Belt: Ford number-6PK1696) use a 15mm wrench on the belt tensioner pulling up put the belt over the Alt Pulley last. Then install the Belt Tensioning Cover (302-A) with three 8-32 x 3/8 SHCS (S022). This will finish the Alt. only installation. Kit 30510.

Photo-13 (?its 30520-30550)

Install the A/C Belt (47-1/2") for P/S & A/C
Or (40-1/2") for P/S only. Use the belt
tightening adjuster with a 5/16 socket allen
wrench to tighten the belt.

Make sure the idler bolt is loose before
tightening the belt.

After tightening the belt fully tighten the idler
bolt and install Idler Cover (302-A) with three
8-32 x 3/8 (S022) SHCS.

The belt routing is the same for Non A/C Kit.
Run the belt from the bottom of the P/S
Pulley back to the Water Pump Pulley and
follow instructions above.



30550 power steering A/C kit shown



30520 Power steering kit Shown

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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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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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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 _____

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