



**HIGHLY STYLED, LOW COST SERPENTINE DRIVE**  
**Installation Instructions**  
**FORD 351 ELECTRIC WATER PUMP KIT**  
**30090 Alternator Kit**  
**30095 Alternator & Power Steering Kit**

## Included Parts List

### Kit ' \$\$\$- \$ 5`hfBUcf Obly

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### 5`hfBUcf Bracket P/N ' \$\$\$- %

1-30091-A.....Alternator Bracket  
 1-S170.....5/16 x 4" SHCS  
 1-S171.....5/16 x 4-1/4" SHCS  
 1-S178.....5/16 x 6-1/2" SHCS  
 1-S262.....3/8 x 2-1/2" SHCS  
 1-S378.....7/16 x 6-1/2" SHCS  
 1-AC3-1.250.....Alum Spacer 1.250 long  
 1-TP3-3.150.....Tube Spacer 3.150 Long  
 1-TP5-2.750.....Tube Spacer 2.750 Long  
 1-TP7-2.560.....Tube Spacer 2.560 Long  
 1-RA-1.625...È...Rod assembly 1.625 Long

### Power GHYf]b[ 6 fUW YhP/N ' \$\$\$+&

1-30072-A.....Front Power Steering Bracket  
 1-30072-B.....Lower Support Úower Úteering  
 1-21074-A.....P/S Úump Údapter Ring  
 1-S143.....5/16 x 5/8ÄSHCS  
 1-S155.....5/16 x 2" SHCS  
 1-S158.....5/16 x 2-1/2" SHC  
 1-S166.....5/16 x 3-1/2" SHCS  
 1-S174.....5/16 x 5-1/2" SHCS  
 2-S244.....3/8 x 3/4" SHCS  
 1-S268.....3/8 x 3-F/4" SHCS  
 1-S312.....3/8 x 1" Hex Bolt  
 1-S313.....3/8 x 1-1/4" Hex Bolt  
 1-S622.....3/8 b^ [| } Álock Nut  
 1-TP3-.150.....ÈTube Spacer .150 long  
 1-TP3-1.980.....Tube Spacer 1.980 Long  
 1-TP3-2.375.....Tube Spacer 2.375 Long  
 1-TP7-2.250.....Tube Spacer 2.250 Long

### Di ``Ym?]hP/N ' \$\$\$- \$!&\$\*

1-2017-A.....Crank Pulley (Ö` æ Serp)Á30095 Sit  
 ~~~~~~Or  
 1-2016-A.....Crank Pulley (Úngle Serp)30090 Sit  
 1-206-A.....Alternator Úulley  
 1-221-A.....Alternator Fan  
 1-306-A.....Alternator Úulley Cap  
 ~~~~~~(For 30095 Sit only)  
 1-360-A.....P/S Pulley Cap  
 1-629-A.....Power Steering Úulley  
 3-S€28...È.....8/32 x 1" SHCS  
 3-S106.....È...1/4 x 1-1/4" SHCS  
 4-S248...È.....3/8 x 1" SHCS  
 1-S685...È.....11/16 Lock Washer

## REQUIRED TOOLS AND MATERIALS

|                     |                           |
|---------------------|---------------------------|
| RTV Silicone        | 6mm Allen Y rench         |
| Loc-Tite            | 5/8 Combo Wrench          |
| Anti-seize Compound | 9/16 Combo Wrench         |
| Gasket Scraper      | 11/16 Combo Wrench        |
| 3/16 Allen Wrench   | 3/4 Combo Wrench          |
| 5/16 Allen Wrench   | Socket Wrench & Extension |
| 1/4 Allen Wrench    | 10mm 12 Point Socket      |
|                     | 12 mm 12 Point Socket     |

## Preparing To Install

Disconnect The Battery to prevent accidental engagement.  
Drain coolant from the system.  
If your A/C is intact and charged it must be evacuated.  
This should be done by a professional garage.

Remove all pulleys and water pump.  
Remove old gaskets and clean.  
Clean all threads in motor block.  
Remove existing Alternator, and Crackets

## Installing the Kit

### Photo-1

Install the Alternator Bracket (30091-A) in the upper inner bolt hole use a 5/16 x 4-1/4" SHCS (S171) and a (TP3-3.150) Spacer Vube between the bracket and the water pump mounting boss. In the lower mounting hole use a (TP5-2.750) Spacer between the bracket and the Water pump securing with a 5/16 x 6-1/2" SHCS (S171).



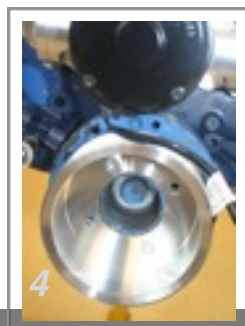
### Photo-2

Mount the Ford Alternator using a (TP7-2.560) Spacer between the head and the back of the Alternator ear thru the front bracket insert a 7/16 x 6-1/2" SHCS (S378) thru the Alternator, a 7/16" Spacer, and into the Head.



### Photo-3

Mount the (RA-1.625) Adjustment Rod to the lower hole of the timing block spacing with a (AC3-1.250) Alum. Spacer Tube using a 5/16 x 4" SHCS (S170). Now attach the other end of the Rod to the Alternator using a 3/8 2-1/2" SHCS (S262), and spacing with a (AC3-1.250) Spacer Tube as shown.



### Photo-4

Mount the Crank pulley (2016-A) Alt only kit or (2017-A) Alt & P/S Kit. Use four 3/8 x 1" SHCS (S248).

**Photo-5**

Install the Alternator Fan (221-A) the Alt Pulley (206-A) securing with the (S685) lock Washer using an impact to secure. Then add the Alt. Pulley Cover (306-A) . Use three 8/32 x 1" SHCS (S028). If you have a Alt Only Kit install the 32-1/2" Belt and tighten with the adjustment rod. (NOTE) It is best to remove the adjustment rod from the Alternator, install the belt, then re-install the rod, due to the lips on the pulleys. For kits With Power Steering do not install belt at this time.



**Photo-6**

Attach the Power Steering adapter ring (21074-A) to the Power Steering Pump. Use two 3/8 x 3/4" SHCS (S244) and one 3/8 x 1" Hex Bolt (S312) as shown.

**Photo-7**

Install the Power Steering Bracket lower support.(30072-B) using the two lower timing cover holes. The inner hole will use a 5/16 x 2" SHCS (S155). The outer hole will use a 5/16 x 2-1/2" SHCS (S158) and a .150 spacer (TP3-.150) between the timing cover and the bracket.



**Photo-8**

Install the Front Power Steering Bracket (30072-A) in the upper hole use a (TP3-2.375) Spacer tube between the bracket and the W/P and a 5/16 x 3-1/2" SHCS (S166). In the lower hole use a (TP3-1.980) Spacer tube and a 5/16 x 5-1/2" SHCS. (S174).

**Photo-9**

Mount the P/S Pump to the main bracket using a 5/16 x 5/8" SHCS (S143) in the slot. Thru the lower hole of the Re-locator use a 3/8 x 3-1/4" SHCS (S268) and a (TP3-2.250) Spacer tube between the Re-locator and the rear P/S support. In the lower support slot on the back side of the bracket insert a 3/8 lock nut (S622) to secure the 3/8 SHCS. In the remaining Rear support hole use a 3/8 x 1-1/4" HEX bolt. (S313).



**Photo-10**

Mount the (629-A) Power Steering Pulley to the pump and add the P/S Cap (360-A) securing with three 1/4 x 1-1/4" SHCS (S106). Now install the 32-1/2" belt on the P/S side. Then add the Alt. Side also a 32-1/2". Tighten the 5/16 x 5/8 SHCS (S143) on the power steering side. Use a Adjustment rod on the Alternator side.



*Make Sure All Bolts Are Tight Run motor at Idle for five Minutes and Re-Check (Note) this is a single wire Alt Set UP and requires a ground strap for proper operation*

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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 \*\*