



Highly Styled, Low Cost Serpentine Drive

Installation Instructions

Style Track Ford "FE"

Kit #19040 (Chrome Alternator and Power Steering Pump)

Kit #19045 (Billet Alternator and Power Steering Pump)



Included Parts List

Main Front Bracket P/N 19041

- 1 - 19041-A..... Main Front Bracket Body
- 2 - 740-A..... Idler Pulley Body
- 2 - 302-A..... Idler Pulley Cap
- 6 - S022 8-32 x 3/8" Lg Soc Hd Bolt
- 1 - S150 5/16" x 1 1/2" Lg Soc Hd bolt
- 2 - S248 3/8" x 1" Lg Soc Hd Bolt
- 2 - S256 3/8" x 2" Lg Soc Hd Bolt
- 1 - S272 3/8" x 3 3/4" Lg Soc Hd Bolt
- 1 - S277 3/8" x 4 3/4" Lg Soc Hd Bolt
- 2 - S337 3/8" x 1 1/2" Thd Stud
- 2 - S254 3/8" x 1-3/4" Lg Soc Hd Bolt
- 2 - S622 3/8" Id Lock Nut
- 2 - S666 3/8" Id Flat Washer
- 2 - S778 4.550" Lg Threaded Spacer Stainless
- 2 - AC3-1.350..... Aluminum Spacer 1.350" Lg
- 1 - TP3-2.750..... Tube Spacer 2.750" Lg
- 2 - MM100..... Adjustment Bolt Bushing

Alternator Rear Support P/N 19042

- 1 - 19042-A..... Alt Rear Support Brk Body
- 1 - S270 3/8" x 3 1/2" Lg Soc Hd Bolt
- 1 - S453 5/8" x .850" Lg Set Screw
- 1 - TP3-1.730..... Tube Spacer 1.730" Lg

Power Steering Rear Support P/N 19043

- 1 - 19043-A..... Power Steering Rear Support Brk Body
- 1 - S262 3/8" x 2 1/2" Lg Soc Hd Bolt
- 1 - S453 3/8" x .850" Lg Set Screw
- 1 - TP3-.650..... Tube Spacer .650" Lg

Alt Relocator Bracket P/N 21074

- 1 - 21074-A..... Alt Relocator Bracket
- 2 - S244 3/8" x 3/4" Lg Soc Hd Bolt
- 1 - S312 3/8" x 1" Lg Hex Hd Bolt

Belt Adjustment Tool P/N 4-FZ#92"

- 1 - MM101..... RH Rod End
- 1 - MM102..... LH Rod End
- 1 - MM105..... 13" Threaded Rod

Pulley Kit P/N 19040-206

- 1 - 1983-A..... Crank Shaft Pulley
- 1 - 1982-A..... Water Pump Pulley
- 1 - 206-A..... Alternator Pulley
- 1 - 221-A..... Alternator Fan
- 1 - 306-A..... Alternator Cap
- 1 - 313-A..... Water Pump Cover
- 1 - 360-A..... Power Steering Pulley Cap
- 1 - 629-A..... Power Steering Pulley
- 3 - S028 8/32 x 1" Lg Soc Hd Bolt
- 3 - S106 1/4" x 1 1/4" Lg Soc Hd bolt
- 4 - S186 5/16" x 7/8" Lg Soc Hd Bolt
- 3 - S248 3/8" x 1" Lg Soc Hd Bolt
- 1 - S685 1 1/16" Id Lock Washer

Accessories Kit # 19040

- 1 - P184..... Aluminum Water Pump
- 1 - P304..... Power Steering Pump Chrome
- 1 - P555..... Aterator Chrome

Accessories Kit # 19045

- 1 - P168..... Aluminum Water Pump
- 1 - 9600..... Power Steering Pump Billet Aluminum
- 1 - 9650..... Alternator Billet Aluminum

Required Tools and Materials

RTV Silicone	6mm Allen Head Driver	Serpentine Belt
Loc-Tite® Thread Locker	5/8" Combo Wrench	63"
Anti-seize Compound	9/16" Combo Wrench	
Gasket Scraper, Steel Wool or Sandpaper to clean gasket surfaces	1 1/16" Combo Wrench	
3/16" Allen Head Driver	3/4" Combo Wrench	
5/16" Allen Head Driver	Socket Wrench & Extension	
1/4" Allen Head Driver	10mm 12pt. socket	
	12mm 12pt. socket	

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-2 Install the Provided Water pump (P184) and in the Two upper Water Pump holes use the two Stainless Steel 4.550 long Spacers (S788) Threading them onto the Studs.

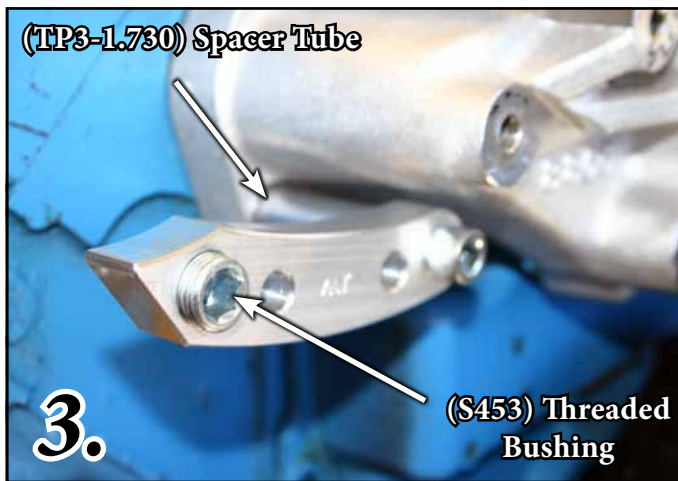


Photo-4 In the lower Drivers side Water Pump hole install the rear P/S rear support bracket (19043-A) Use a $\frac{3}{8}$ x $2\frac{1}{2}$ " SHCS (S262) and a (TP3-.650) Spacer Tube, Also install a $\frac{5}{8}$ x .850 Threaded Bushing (S453).

Photo-1 Ensure the sealing face of the coolant outlets are clean, flat and free of old gasket material. Apply a small amount of RTV silicone to one end of each mounting stud to prevent coolant seepage. Install the (2) $\frac{3}{8}$ x $1\frac{1}{2}$ " Studs (S337) into the two upper water pump mounting holes and install the Paper Gaskets.



Photo-3 In the Lower Passenger side Water Pump Hole install the Rear Alt. Support Bracket (19042-A) use a $\frac{3}{8}$ x $3\frac{1}{2}$ " SHCS (S270) and a (TP3-1.730) Spacer tube also install a $\frac{5}{8}$ x .850 Threaded Bushing (S453) into the outer hole as shown, (do not tighten at this time) you will need to adjust this later.

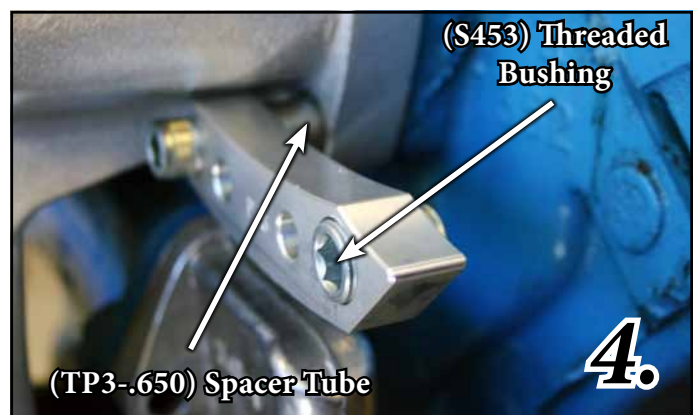


Photo-5 Installing the Main Front Plate, (19041-A) using (2) $\frac{3}{8}$ -16 x 2" SHCS (S256) and (2) AC3-1.350 Alum Spacer Tubes in the lower holes and (2) $\frac{3}{8}$ x 1" (S248) SHCS in the upper holes.



Photo-6 Installing the Alternator, (P572) Chrome or (9650) March Billet Alternator. In the lower Mounting hole use (1) $\frac{3}{8}$ x $3\frac{3}{4}$ " SHCS (S272) and (1) $\frac{3}{8}$ " Lock nut (S622). Line up the rear support bracket and run the $\frac{3}{8}$ x $3\frac{3}{4}$ " bolt thru the front bracket make sure the rear bushing is tight to the back of the Alternator unit and install the $\frac{3}{8}$ " lock nut.

In the upper Mounting Slot use (1) (S150) $\frac{5}{16}$ x $1\frac{1}{2}$ " SHCS and $\frac{3}{8}$ " Alum. Counter sunk bushing (MM100) and (1) $\frac{5}{16}$ x $1\frac{1}{2}$ " SHCS for the Alternator.



Photo-8 Installing the power Steering Pump (P304) Chrome or (9600) March Billet Pump by first installing the Power Steering Relocation Bracket (21074) to the Pump, use (2) $\frac{3}{8}$ x $\frac{3}{4}$ " SHCS (S244) and (1) $\frac{3}{8}$ x 1" Hex Head Bolt as shown.

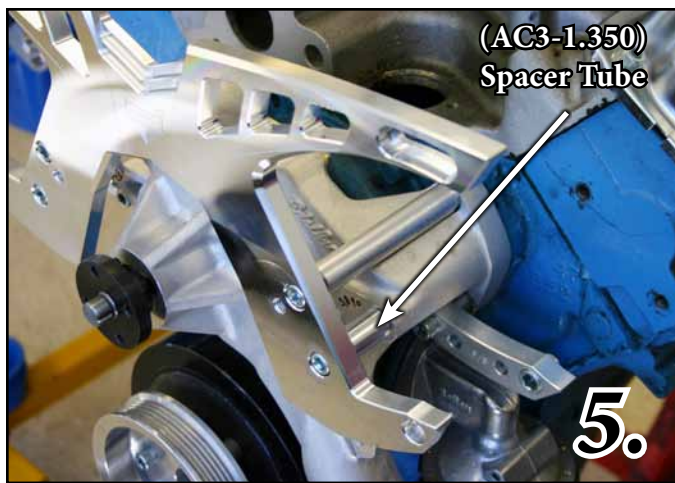


Photo-6 Install the Two (740) Idlers use (2) $\frac{3}{8}$ x $1\frac{3}{4}$ " SHCS (S254) and (2) $\frac{3}{8}$ " Washers (666) as shown.

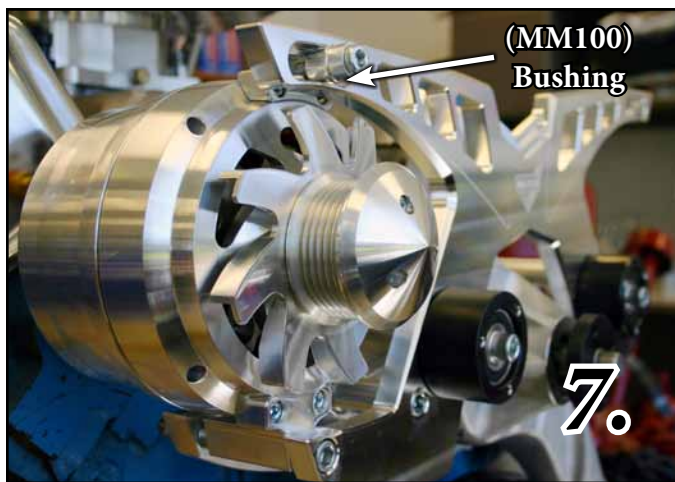


Photo-8 Installing the power Steering Pump (P304) Chrome or (9600) March Billet Pump by first installing the Power Steering Relocation Bracket (21074) to the Pump, use (2) $\frac{3}{8}$ x $\frac{3}{4}$ " SHCS (S244) and (1) $\frac{3}{8}$ x 1" Hex Head Bolt as shown.

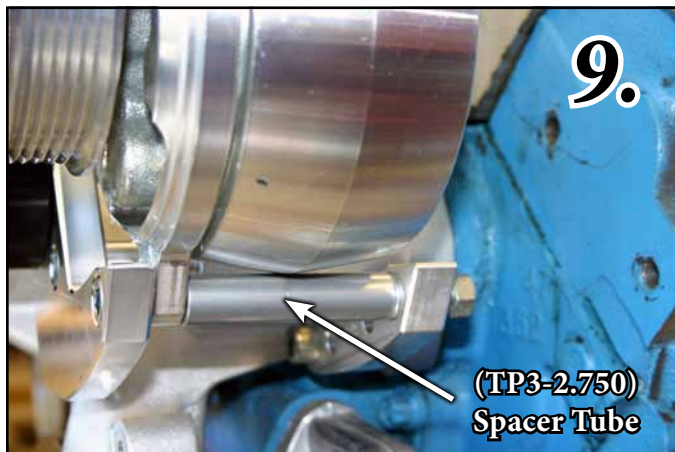


Photo-10 Install the Water Pump Pulley (1982-A) using four $\frac{5}{16}$ x $\frac{7}{8}$ " SHCS (S186).



Photo-12 Install the Alt Fan (221) and pulley (206) and Pulley Cap (313). Install the Power Steering Pulley (629) and the Power Steering Pulley Cap (360).



Photo-14 Slip the supplied March Adjustment tool over the two (MM100) bushings and using a wrench turn the adjustment tool outward to tighten the serpentine belt to 100 ft. lbs. Use the holes in the adjustment tool to tighten both 8mm socket head cap screws when correct belt tension has been achieved. Remove the adjustment tool and keep for future use.

TIP: Your Serpentine belt is tight when it can't be moved by more than $\frac{1}{2}$ " 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 and alternator and power steering 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.

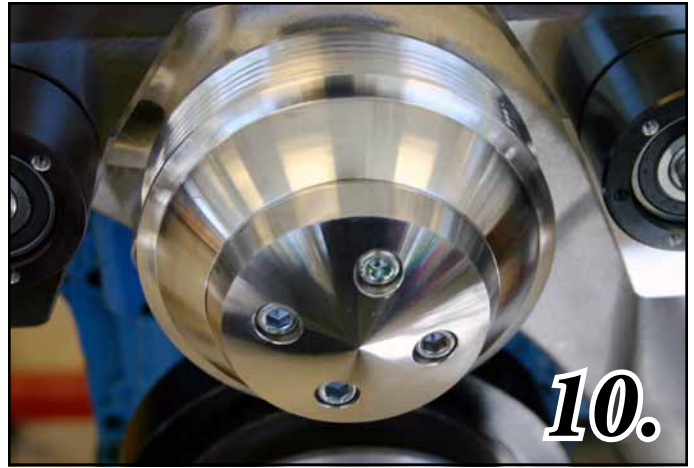


Photo-11 Install the Crank Pulley (1983-A) using three $\frac{3}{8}$ x 1" SHCS (S248)

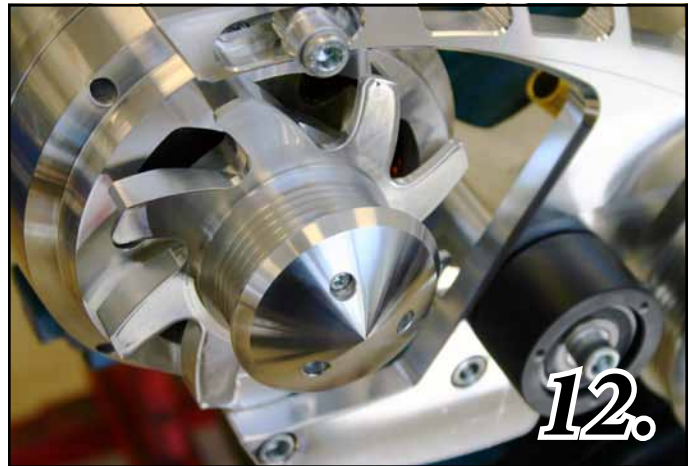


Photo-13 Push the Alternator and A/C inward to their fullest position and install the 63" Belt. Install the $\frac{5}{16}$ x $1\frac{1}{2}$ " SHCS (S150) and the MM100 Bushing in the upper P/S slot. Instll the (2) Idler Caps (302).



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.

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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
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 **