STYLE TRACK

FORD SMALL BLOCK 289-302-351 Windsor
Kit # 30490 (With Power Steering)
Kit # 30485 (Without Power Steering)
**Included Parts List**

**Main Front Bracket P.N. 30491**
1-30491-A........Face Plate Body  
2-TP3-1.100.....Tube Spacers  
2-MM100.........Bolt Adjustment Sleeves  
7-S144............5/16-18 x 7/8 SHCS  
2-S150............5/16-18 x 1-1/2" SHCS  
1-S155............5/16-18 x 2" SHCS  
2-S174............5/16-18 x 5 1/2" SHCS  
4-S209............5/16-18 x 3 1/2" Studs  
1-S551............M8 x 1.25 x 25 MM SHCS  
2-S553............M8 x 1.25 x 35 MM SHCS  
2-S616............5/16 Lock Nut  
4-S660............5/16 Flat Washer  
4-S769............Threaded Stainless Spacer

**Alternator Rear Support P.N. 30412**
1-30412-A........Alt Rear Support Body  
1-S248............3/8-16 x 1" SHCS  
1-S344............7/16-14 x 1" SHCS  
1-S450............5/8-18 x 1-1/8 Set Screw  
1-S672............7/16 Flat Washer SAE  
1-S244............3/8-16 x 3/4 SHCS (assm)  
1-S278............3/8 x 5" SHCS

**A/C Rear Support P.N. 30413**
1-30413-A........A/C Rear Support Body  
1-S150............5/16-18 x 1-1/2" SHCS  
1-S312............3/8-16 x 1" Hex Head  
1-S385............7/16-14 x 1" Hex Bolt  
1-S672............7/16" Flat Washer SAE

**Power Steering Bracket PN 30492**  
(For kit # 30490)  
1-30492-A........Power Steering Bracket Body  
2-S551............M8 x 1.25 x 25mm

**Pulley Kits P.N. 30490-206**
1-2281-A......Crank Pulley Body  
1-2282-A ....Water Pump Pulley Body  
1-221-A.......Alt. Fan  
1-206-A.......Alt Pulley Body  
1-306-A.......Alt Pulley Cap Body  
1-322-A.......Water Pump Pulley Cap  
1-394-A.......A/C Pulley Cover Body  
3-S028........8-32 x 1" SHCS  
1-S685........Alt. Lock Washer  
3-S248........3/8-16 x 1" SHCS  
3-S186........5/16-24 x 7/8 SHCS  
3-S124........1/4-20 X 3/4 Button Head (or)  
3-S520........M6X20mm Button Head  
1-650-A.......Power Steering Pulley (Kit 30490)  
3-S144........5/16-18 x 7/8" SHCS

**Belt Tensioner Tool BLT-13**
1-MM101......RH Alum. Rod End  
1-MM102......LH Alum. Rod End  
1-MM105......Threaded Alum Rod 13" Long

**Timing Pointer Bracket P.N. 30493**
1-30019-A......Pointer Bracket Body  
2-TP3-.650....Spacer Tube .650  
2-S162............5/16-18 x 3" SHCS

**Accessories**
1-P412............Sanden A/C Unit Chrome  
1-P500............Ford Water Pump & Cover  
1-P417............A/C Line Kit  
1-P572............Alternator Unit Chrome  
1-P314............Remote P/S Unit W/601 Hub  
(For kit 30490)

**Required Tools And Materials**

RVT silicone  
Loc-tite  
Gasket Scraper  
3/16" Allen Wrench  
5/16" Allen Wrench  
1/4" Allen Wrench  
6MM Allen Wrench  
5/8 Wrench  
9/16 Wrench  
11/16 Wrench  
10MM Socket  
12MM Socket  
Allen Wrench Set
Prepping 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

FIG. 1. Ensure the sealing face of the coolant outlets are clean, flat and free of old gasket material. Assemble Water Pump to Timing Cover along with proper gaskets and a thin coat of RTV silicone sealant. Use the appropriate fasteners in locations A, B, and C, shown in the water pump drawing.

Figure 2

(S155) 5/16 x 2" (S660) 5/16 Washer
(S209 Stud) (S769 Spacer)

(S209 Stud) (S769 Stainless Spacer)

(S144) 5/16 x 7/8
(S660) 5/16 Washer
(S209 Stud) (S769 Spacer)

TP3-1.100 Spacer (S174) 5/16 x 5-1/2"

(S174) 5/16 x 5-1/2"
(S660) 5/16 Washer

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Install the Timing Chain Cover (P500) onto the block. You will need to remove the balancer. Then install the (4) 5/16 x 3-1/2” Studs (S209) in the positions shown threading them in about a 1/2” into the block.

Photo-2
Slide the Water Pump Over the (4) threaded studs, and add the Remaining bolts as shown in figure 2 leaving the two holes open that will use the 1.100 Tube Spacers as shown in the photo Below.

Photo-3
Install the four Stainless Steel Threaded Spacers onto the four studs, (S769) then mount the main faceplate (30491-A) using Four 5/16 x 7/8 SHCS (S144). Now in the two remaining faceplate holes use the two TP3-1.100 Tube spacers between the main bracket and the water pump secure with two 5/16 x 5-1/2” SHCS (S174).

Photo-4
Install the Rear Alt. Support Bracket (30412-A) onto the drivers side head as shown. Use a 7/16 x 1” (S344) or a 3/8 x 1” SHCS (S248) to mount the bracket. Also use the Provided 7/16 Washer(S672). In the end of the Threaded tube insert the 5/8-18 threaded Spacer (S450).
**Photo-5**
Install the Alternator (P572) to the main bracket. In the upper Slot Use a MM100 Bolt Sleeve and a M8 x 35mm SHCS (S553). In the lower Thru hole use 3/8 x 5" SHCS (S278) running the bolt thru the Alt into the rear support and using the Adjustment Screw to take up any gap between the rear support and the rear of the Alt. ear.

**Photo-6**
Mounting the A/C unit to the Main Plate. (P412) In the upper Slot use a MM100 Bolt Sleeve and a M8 x 35mm SHCS(S553) In the lower front hole use a M8 x 25mm SHCS(S551).

**Photo-7**
Installing the Rear A/C support Bracket (30413-A). In the lower Head Bolt Hole use a 3/8 x 1” Hex Bolt (S312) or a 7/16 x 1” Hex Bolt (S385) and a 7/16 Washer (S672) Depending on the tap size in your head. Now tie the rear A/C ear to the Rear support Bracket with a 5/16 x 1-1/2” SHCS as shown. (S150)

**Photo-8**
Installing the Provided Timing Mark. (30019-A) Between the timing chain cover and the timing mark bracket use two TP3-.650 Spacers. Install with two 5/16 x 3” SHCS (S162)
**Photo-9**
Install the Billet Fan (221-A) the Alt Pulley (206-A) and the Pulley Cap (306-A) use the Provided 11/16 Alt Lock Washer (S685) and the Three 8/32 x 1” SHCS (S028) to Secure The Cap.

**Photo-10**
Install the A/C Cover (394-A) using the Three M6 x 20mm Button Head Bolts (S520) or 1/4-20 x 3/4” Button Head.

**Photo-11**
Mounting The Remote Power Steering Bracket (30492-A) to the Main Plate use two 5/16 x 7/8 SHCS (S144) As shown.
NOTE: Skip steps 11 Thru 13 For non P/S Kit. and install two (S144) with two (S616) washers where the power steering would mount.

**Photo-12**
Mount the Power Steering Pump (P314) to the Bracket using two M8 x 25mm SHCS (S551) As shown.
Mount the power steering pulley (650-A) to the Power Steering Hub using three 5/16 x 7/8 SHCS (S144).

Install the Water Pump Pulley (2282-A) and the Water Pump Pulley Cap (322-A) to the Water Pump Using four 5/16 x 7/8 Fine Thread SHCS (S186).

Install the Crank pulley (2281-A) using Four 3/8 x 1" SHCS (S248).

Installing the belt. 65-1/2 “ For Kit 30490 or 63” Belt for kit 30485 use the March Adjustment tool (BLT-13) by sliding the ends over the two MM100 Bushings and adjusting the belt to 100 Ft. Lbs, then inserting the allen wrench into the two thru holes to tighten the Bolts. After use REMOVE the Adjustment tool and Store for future use !!!! You can now install the two A/C line Adapters (P417) and charge the A/C system . If not using the A/C at this time do not Hard wire the A/C unit.
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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EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY WHETHER OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR WARRANTY, SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY WILL LAST SO THAT THE PRECEDING LIMITATION MAY NOT APPLY TO YOU.

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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 resalvable product
70% 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.

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