Highly Styled, Low Cost Serpentine Drive

Installation Instructions

Chevy Small Block Alternator & Power Steering
Kit #21185 and 21190 Style Track
Kit #21085 and 21090 Revolver
Included Parts List

Kit # 21070 Pulley & Bracket Kit Only
Kit # 21085 Pulley & Bracket Kit
With Billet Alt & P/S
Kit # 21090 Pulley & Bracket Kit
With Chrome Alt & P/S

Main Front Bracket Kit P/N  21071
1 - 21071-A ..... Main Front Bracket Body
1 - S146...........¾-18 x 1" SHCS
1 - S148...........¾-18 x 1⅛" SHCS
4 - S248...........¾-16 x 1" SHCS
3 - S339...........¾ x 3" Ig Stud Threaded
1 - S340...........¾ x 4" Ig Stud Threaded
4 - S675.........Paper Water pump gaskets
1 - S770..........1.900" Lg Threaded Spacer
Stainless
3 - S775.........2.720" Lg Threaded Spacer
Stainless
2 - MM100 ..... Bolt Cover Adjustment Bushing

Alternator Rear Support P/N  21072
1 - 21072-A ..... Alternator Rear Support Body
1 - S280...........5⁄8" - 16 x 5½" SHCS
1 - S622...........5⁄8" Lock Nut
1 - S450 .......... 5⁄8" x 1.125" Lg Set Screw
1 - TP3-1.775 .. 5⁄8" Id x 1.775" Lg Spacer

Power Steering Rear Support P/N  21073
1 - 21073-A ..... Power Steering Rear
Support Brk Body
1 - S276..........¾" - 16 x 4½" SHCS
1 - TP3-.700 .... ¾" Id x .700" Lg Spacer
1 - TP3-2.900 .. ¾" Id x 2.900" Lg Spacer

Power Steering Adaptor Ring P/N 21074
1 - 21074-A ..... Power Steering Adaptor Ring
2 - S244.........¾" - 16 x ¾" SHCS
1 - S312.........¾" - 16 x 1" Hex Head Bolt

Belt Tensioner Tool P/N  21106
1 - MM101 ..... RH Rod End
1 - MM102 ..... LH Rod End
1 - MM103 ..... Threaded Adjustment Rod
12" Long

Pulley Kit P/N  6305-206
1 - 6306-A ..... Crank Pulley Body
1 - 6307-A ..... Water Pump Pulley Body
1 - 206-A ......... Alternator Pulley Body
1 - 222-A ......... Alternator Fan Body
1 - 306-A ......... Alternator Pulley Cap
3 - S028.........½ x 1" SHCS
4 - S186.........¾" - 24 x ¾" SHCS
3 - S292.........¾ - 24 x 1" SHCS
1 - S685.........11⁄16" Alt Lock Washer
1 - 629-A ......... Power Steering Pulley Body
1 - 360-A ......... Power Steering Nose Cover
3 - S106.........¼ - 20 x 1¼" SHCS

Accessories
1 - P112.......... Water Pump Alum Rev Rotation
1 - P304 .......... Power Steering Pump
ChromeFor Kit # 21090
1 - P555 ............ Alternator Chrome
Single Wire For Kit # 21090
1 - 9600.......... Power Steering Pump
Billet Alum For Kit # 21085
1 - 9655 ......... Alternator Billet Alum
Single Wire For Kit # 21085

Required Tools and Materials

RTV Silicone
Loc-Tite® Thread Locker
Anti-seize Compound
Gasket Scraper, Steel Wool or Sandpaper to clean gasket surfaces
¾" Allen Head Driver
¾" Allen Head Driver
1⁄4" Allen Head Driver
6mm Allen Head Driver
5⁄8" Combo Wrench
5⁄8" Combo Wrench
5⁄8" Combo Wrench
11⁄16" Combo Wrench
7⁄4" Combo Wrench
Socket Wrench & Extension
Socket Wrench & Extension
Socket Wrench & Extension
10mm 12pt. socket
10mm 12pt. socket
10mm 12pt. socket
12mm 12pt. socket
12mm 12pt. socket
12mm 12pt. socket
Serpentine Belt
Serpentine Belt
Serpentine Belt
Dayco 5060600 60" Belt
Dayco 5060600 60" Belt
Dayco 5060600 60" Belt
Tech Support 1-888-729-9070

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PERFORMANCE PULLEYS & BELTS
Tech Support 1-888-729-9070
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

Installing the Kit

NOTE: Photos show Revolver Style bracket, Style Track has different bracket that installs the same

1. 

**FIG 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 mounting studs into the four water pump mounting holes placing the longer (S340) $\frac{3}{8}$" x 4" stud in the lower passenger side hole. Place the other three (S339) $\frac{3}{8}$" x 3" studs in the remaining holes. **When fully installed the $\frac{3}{8}$" x 4" stud should be 3 $\frac{5}{16}$" from the face of the block. The other three studs should be 2 $\frac{5}{8}$" from face of block.** Fig-1

2. 

**FIG 2.** Install the Alternator Rear Support Brackets (21172-A) on the passenger side and Power Steering Rear Support (21172-A) on drivers side. Use the (4) provided Paper Gaskets (S675) and a small amount of silicon sealant installed on the front and rear of both brackets to ensure a water tight seal.

3. 

**FIG 3.** Slide the Water Pump (P112) Over the Studs and secure with the (3) $\frac{3}{8}$ x 2.720" Stainless Spacers (S775) two to the upper water pump studs and one to the lower drivers side water pump stud. Install (1) $\frac{3}{8}$ x 1.900" Stainless spacer (S770) on to the lower passenger side water pump stud. Use a sealer if necessary.

4. 

**FIG 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 mounting studs into the four water pump mounting holes placing the longer (S340) $\frac{3}{8}$" x 4" stud in the lower passenger side hole. Place the other three (S339) $\frac{3}{8}$" x 3" studs in the remaining holes. **When fully installed the $\frac{3}{8}$" x 4" stud should be 3 $\frac{5}{16}$" from the face of the block. The other three studs should be 2 $\frac{5}{8}$" from face of block.** Fig-1

4 (S675) Paper Gaskets: Front and Rear

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Shorter (S770) 1.900 Spacer

www.marchperf.com
FIG 4. Mount the Main Face Plate (21071-A Revolver Kits) or (21086-A Style Track Kits) to the (4) stainless studs with (4) ⅜ x 1” SHCS (S248) Note: leave the Stainless studs loose to aid in proper alignment.

NOTE: Instruction photos show standard OEM style Alternator and Power Steering Pump. Kits will come with either Chrome Alt. and Pump or Billet Alt. and Pump Mounting is the same.

FIG 5. Install The Adapter Ring (21074-A) to the Power Steering Unit with (2) ⅜ x ¾” SHCS (S244) and (1) ⅜ x 1” Hex Bolt (S312) as Shown.

FIG 6. Install the Power Steering Unit (P304 / 9600) to the main bracket. Mount thru the main bracket into the lower hole of the adapter bracket using a ⅜ x 4 1/2” SHCS (S276) between the back of the adapter And the Rear Support Bracket use the (2) Provided Spacers TP3-2.900 and TP3-.700 And snug into place. Install Power Steering Pulley (629-A).

FIG 7. Install (S450) threaded bushing into alternator rear support bracket (as shown Fig 7a). Install the Alternators (P573) using (1) ⅜ x 5 1/2” SHCS (S280) and a TP3-1.775 Spacer Between the rear of the Alt and the (S450) Set Screw. Turn the S450 set screw to take up any slack between the lower alternator support and the spacer. Secure with a ⅜” Lock Nut. (S622). (snug only at this time).
FIG 8. Install alternator fan (222-A) and pulley (206-A) using the nut that comes with the alternator. Tighten alternator pulley nut (impact to 90 ft., pounds). Install Crank Pulley (6303-A), Water Pump Pulley (6307-A Revolver) or (6302-A Style Track) and Power Steering Pulley Cover (360-A) as shown.

With the Alt. & P/S units tilted inward
Install the belt (5060600) 60" Belt

FIG 9. In the upper alternator adjustment slot install the provided MM100 Adjustment Bushing and the 5/16 x 1½" SHCS (S148). In the Upper P/S slot use a MM100 Adjustment Bushing and a 5/16 x 1" SHCS, leave loose.

FIG 10. Slip the supplied March Adjustment tool over the two (MM100) Adjustment bushings. Use a wrench to 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.

TIP: Your Serpentine belt is tight when it can't be moved by more then ½ inch at it's longest span between pulleys. The belt should not be able to be twisted by more then half a turn.

Important Note: Remove belt tensioning tool after adjusting belt and keep for future use, NOT designed to be kept on engine while running.

Final Assembly

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.
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/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. All 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

**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:

RGA# __________________________ CT# __________________________ Issued by: __________________________ Date __________________________

Purchaser’s Name __________________________ Phone __________________________

Address __________________________

Purchased Directly Through __________________________ Invoice# __________________________

Product ID __________________________ Invoice Date __________________________

Reason __________________________

**Mounted Products are Nonrefundable**