

Revolver



Style TRACK

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..... $\frac{5}{16}$ -18 x 1" SHCS
- 1 - S148..... $\frac{5}{16}$ -18 x 1 $\frac{1}{4}$ " SHCS
- 4 - S248..... $\frac{3}{8}$ -16 x 1" SHCS
- 3 - S339..... $\frac{3}{8}$ x 3" Lg Stud Threaded
- 1 - S340..... $\frac{3}{8}$ x 4" Lg Stud Threaded
- 4 - S675..... Paper Water pump gaskets
- 1 - S770..... 1.900" Lg Threaded Spacer
Stainless
- 3 - S775..... 2.800" 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..... $\frac{3}{8}$ " - 16 x 5 $\frac{1}{2}$ " SHCS
- 1 - S622..... $\frac{3}{8}$ " Lock Nut
- 1 - S450 $\frac{5}{8}$ " x 1.125" Lg Set Screw
- 1 - TP3-1.775.. $\frac{3}{8}$ " Id x 1.775" Lg Spacer

Power Steering Rear Support P/N 21073

- 1 - 21073-A Power Steering Rear
Support Brk Body
- 1 - S276..... $\frac{3}{8}$ " - 16 x 4 $\frac{1}{2}$ " SHCS
- 1 - TP3-.700 $\frac{3}{8}$ " Id x .700" Lg Spacer
- 1 - TP3-2.900.. $\frac{3}{8}$ " Id x 2.900" Lg Spacer

Power Steering Adaptor Ring P/N 21074

- 1 - 21074-A Power Steering Adaptor Ring
- 2 - S244..... $\frac{3}{8}$ " - 16 x $\frac{3}{4}$ " SHCS
- 1 - S312..... $\frac{3}{8}$ " - 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..... $\frac{8}{32}$ x 1" SHCS
- 4 - S186..... $\frac{5}{16}$ - 24 x $\frac{7}{8}$ " SHCS
- 3 - S292..... $\frac{3}{8}$ - 24 x 1" SHCS
- 1 - S685..... $\frac{11}{16}$ " Alt Lock Washer

- 1 - 629-A Power Steering Pulley Body
- 1 - 360-A Power Steering Nose Cover
- 3 - S106..... $\frac{1}{4}$ - 20 x 1 $\frac{1}{4}$ " SHCS

Accessories

- 1 - P112 Water Pump Alum Rev Rotation
- 1 - P304 Power Steering Pump
Chrome For 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	$\frac{1}{4}$ " Allen Head Driver	Socket Wrench & Extension
Loc-Tite® Thread Locker	6mm Allen Head Driver	10mm 12pt. socket
Anti-seize Compound	$\frac{5}{8}$ " Combo Wrench	12mm 12pt. socket
Gasket Scraper, Steel Wool or Sandpa- per to clean gasket surfaces	$\frac{9}{16}$ " Combo Wrench	
$\frac{3}{16}$ " Allen Head Driver	$\frac{11}{16}$ " Combo Wrench	Serpentine Belt
$\frac{5}{16}$ " Allen Head Driver	$\frac{3}{4}$ " Combo Wrench	Dayco 5060600 60" Belt

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

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



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 $2\frac{3}{8}$ " from face of block. Fig-1**

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.



FIG 3. Slide the Water Pump (P112) Over the Studs and secure with the (3) $\frac{3}{8}$ " x 2.800" 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.

FIG 4. Mount the Main Face Plate (21071-A Revolver Kits) or (21086-A Style Track Kits) to the (4) stainless studs with (4) $\frac{3}{8}$ 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.

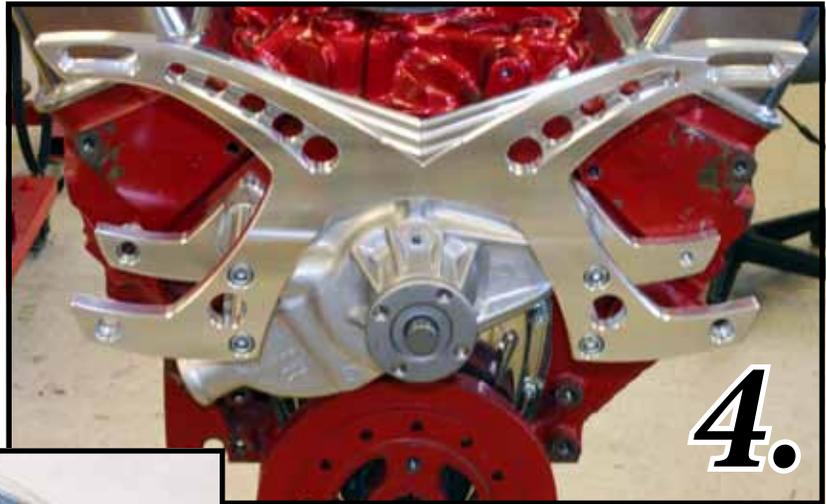


FIG 5. Install The Adapter Ring (21074-A) to the Power Steering Unit with (2) $\frac{3}{8}$ x $\frac{3}{4}$ " SHCS (S244) and (1) $\frac{3}{8}$ x 1" Hex Bolt (S312) as Shown.

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 $\frac{3}{8}$ x 4 $\frac{1}{2}$ " 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) $\frac{3}{8}$ x 5 $\frac{1}{2}$ " 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 $\frac{3}{8}$ " 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

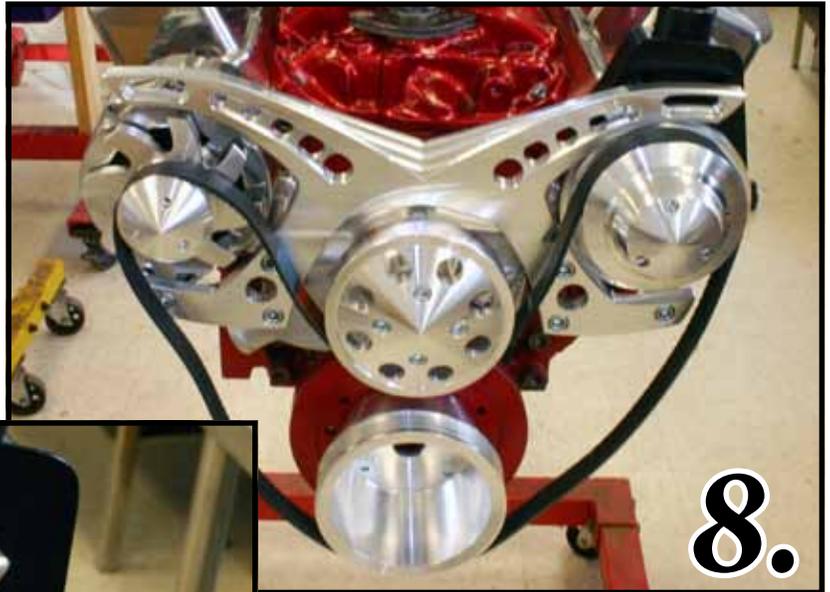


FIG 9. In the upper alternator adjustment slot install the provided MM100 Adjustment Bushing and the $\frac{5}{16}$ x $1\frac{1}{4}$ " SHCS (S148). In the Upper P/S slot use a MM100 Adjustment Bushing and a $\frac{5}{16}$ x 1" SHCS, leave loose.

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 than $\frac{1}{2}$ inch at its longest span between pulleys. The belt should not be able to be twisted by more than 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.

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2. To avail yourself of this Limited Warranty, return the Product with a copy of the paid receipt, postage paid to:
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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.

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.**

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- 20% return fee on all reshelvable product
- 70% return fee on all repairable product

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Please Complete the Information below, detach and include with returned product.

RG# _____ CT# _____ Issued by: _____ Date _____

Purchaser's Name _____ Phone _____

Address _____

Purchased Directly Through _____ Invoice# _____

Product ID _____ Invoice Date _____

Reason _____

**** MOUNTED PRODUCTS ARE NONREFUNDABLE ****