

Highly Styled, Low Cost Serpentine Drive

Installation Instructions



Style Track Chevy Small Block

*Kit #21100 (without Power Steering)
and #21150 (with Remote Power Steering)
and #21155 (with Saginaw Power Steering)*

Pro-Track Chevy Small Block

*Kit #21115 (without Power Steering)
and #21120 (with Remote Power Steering)
and #21125 (with Saginaw Power Steering)*



Included Parts List

Main Front Bracket Kit P/N 21101

- 1 - 21101-A..... Main Front bracket body
- 4 - S248 $\frac{3}{8}$ - 16 x 1" SHCS
- 1 - S276 $\frac{3}{8}$ - 16 x 4 $\frac{1}{2}$ " SHCS
- 3 - S339 $\frac{3}{8}$ - 16 x 3" Threaded Stud
- 1 - S340 $\frac{3}{8}$ - 16 x 4" Threaded Stud
- 1 - S550 8mm - 1.25 x 20mm SHCS
- 2 - S553 8mm - 1.25 x 35mm SHCS
Style Track Only
- 2 - S558 8mm - 1.25 x 45mm SHCS
Pro-Track Only
- 3 - S775 2.800" Threaded Spacer Stainless
- 1 - S770 1.900" Threaded Spacer Stainless
- 1 - S750 Hose Extension
- 2 - MM100..... Alum Bolt Cap

Alt Rear Support Bracket P/N 21112

- 1 - 21112-A..... Alt Support Bracket Body
- 1 - S452 $\frac{5}{8}$ " Threaded Bushing
- 2 - S675 Paper Water Pump Gaskets
- 1 - A3-1.350..... Alum Spacer 1.350" Lg

A/C Rear Support Bracket P/N 21113

- 1 - 21113-A..... A/C Support Bracket Body
- 1 - S155 $\frac{5}{16}$ - 18 x 2" SHCS
- 1 - S616 $\frac{5}{16}$ - 18 Nylon Lock Nut
- 1 - S660 $\frac{5}{16}$ " Flat Washer
- 2 - S675 Paper Water Pump Gaskets
- 1 - TP3-.150..... Alum Spacer

Belt Tensioner Tool P/N 21105

- 1 - MM101..... Right Hand Rod End
- 1 - MM102..... Left Hand Rod End
- 1 - MM103..... 12" Threaded Rod

Power Steering Bracket P/N 21104

(For Kit # 21150)

- 1 - 21104-A..... Power Steering Bracket Body
- 1 - 21104-B..... Power Steering Rear Spacer Block
- 2 - S260 $\frac{3}{8}$ - 18 x 2 $\frac{1}{4}$ " SHCS
- 2 - S551 M8 - 1.25 x 25mm SHCS

Power Steering Bracket P/N 21109

(For Kit # 21155)

- 1-21109-A..... Front Bracket
- 1-21109-B..... Rear Bracket

- 1-20114-C..... Spacer Block
- 2-S311 $\frac{3}{8}$ x $\frac{3}{4}$ " hex bolts
- 1-S312 $\frac{3}{8}$ x 1" hex Bolt
- 2-S270 $\frac{3}{8}$ x 3 $\frac{1}{2}$ " SHCS
- 1-TP3-.150 Alum Spacer

Pulley Kit P/N 6300-206

- 1 - 6301-A..... Crank Pulley body
- 1 - 6302-A..... Water pump Pulley Body
- 1 - 221-A..... Alternator Fan
- 1 - 206-A..... Alternator Pulley Body
- 1 - 306-A..... Alternator Cap Body
- 1 - 394-A..... A/C Cover
- 3 - S028 $\frac{8}{32}$ x 1" SHCS
- 3 - S520 M6 - 10 x 16mm Button Hd Bolt
- 4 - S186 $\frac{5}{16}$ - 24 x $\frac{7}{8}$ " SHCS
- 3 - S292 $\frac{3}{8}$ - 24 x 1" SHCS
- 1 - S685 $\frac{11}{16}$ " Lock Washer
- 1 - 619-A..... P/S Pulley (Press Fit)
(For Kit # 21150)
- 1 - 535-A..... P/S Pulley (For Kit # 21155)
- 1 - 302-A..... P/S Pulley Nose Cover (For Kit # 21150)
- 3 - S022 $\frac{8}{32}$ x $\frac{3}{8}$ " SHCS (For Kit # 21150)

Accessories

- 1 - P112 Alum Water Pump
- 1 - P412 Sanden A/C Compressor (Chrome)
- 1 - P572 Alum Alternator
- 1 - P417 A/C Line Kit
- 1 - P315 Remote P/S Pump (For Kit # 21150)
- 1 - P304 Chrome Saginaw P/S Pump
(For Kit # 21155)

Tensioner Bracket (optional) PN 21105

- 1- 21105-A..... Tensioner Base
- 1- P750 Spring Tensioner.
- 1- 780-A Tensioner Base Cover
- 1- 307-A Cap
- 3- S025 $\frac{8}{32}$ x $\frac{5}{8}$ " SHCS
- 2- S250 $\frac{3}{8}$ " - 16 x 1 $\frac{1}{4}$ " SHCS
- 2- S268 $\frac{3}{8}$ " - 16 x 3 $\frac{1}{4}$ " SHCS

Required Tools and Materials

- | | |
|-------------------------------------|--------------------------------|
| RTV Silicone | 6mm Allen Head Driver |
| Loc-Tite® Thread Locker | $\frac{5}{8}$ " Combo Wrench |
| Anti-seize Compound | $\frac{9}{16}$ " Combo Wrench |
| Gasket Scraper, Steel Wool or Sand- | $\frac{11}{16}$ " Combo Wrench |
| paper to clean gasket surfaces | $\frac{3}{4}$ " Combo Wrench |
| $\frac{3}{16}$ " Allen Head Driver | Socket Wrench & Extension |
| $\frac{5}{16}$ " Allen Head Driver | 10mm 12pt. socket |
| $\frac{1}{4}$ " Allen Head Driver | 12mm 12pt. socket |

Serpentine Belt

- 59" for Kits Without Power Steering
- 62" for Kits With Remote Power Steering
- 64" for Kits With Canister Power Steering



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
- 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: Pictures in this instruction show the Style Track bracket, The Pro-Track is similar in design and mounting. Any difference in parts will be noted in the instructions.



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

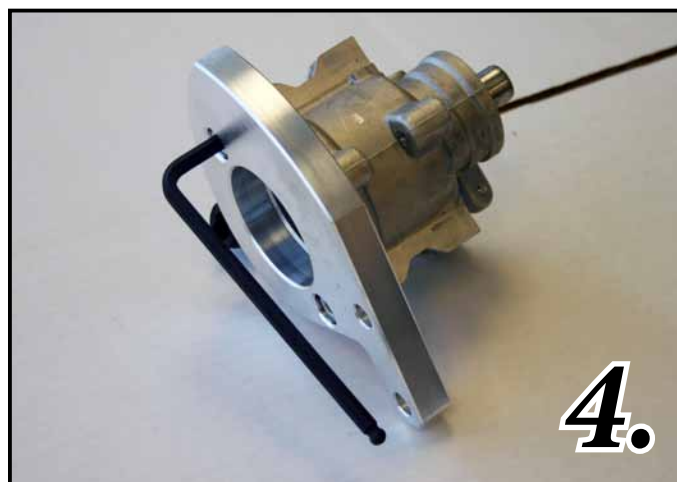
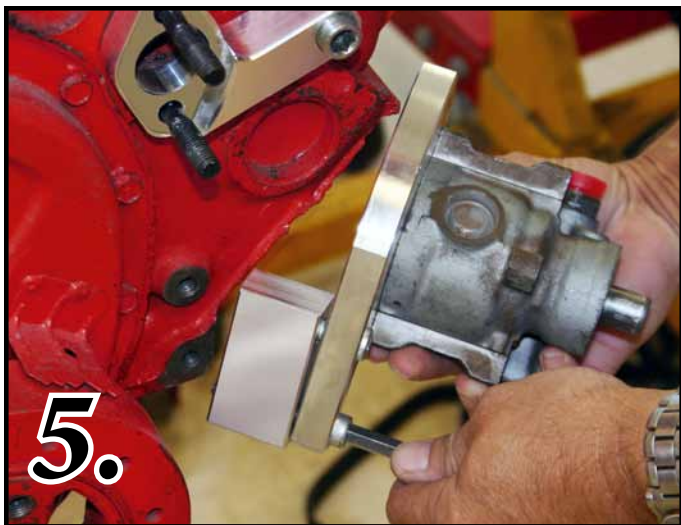
2. Install the Alternator Rear Support Brackets (21112-A) on the drivers side and A/C Rear Support (21113-A) on passenger side. Use the (4) provided Paper Gaskets (S675) and a small amount of silicon sealant installed on the front and rear of both brackets to ensure a water tight seal.



3. Install (S452) $\frac{5}{8}$ "-18 threaded bushing into alternator rear support bracket as shown. Fig-3

**Kit #21150 with Remote
Power Steering Pump.**

4. Apply Loc-Tite to the threads of the two (S551) M8 x 1.25 x 25 mm socket head caps screws and attach the remote power steering pump unit to bracket (P315) to bracket (21104-A) **Fig-4**



5. Apply loc-tite to the threads of the two (S260) $\frac{3}{8}$ x $2\frac{1}{4}$ " Socket cap screws. Install the Power Steering Bracket and pump assembly to the lower right holes of the engine block. Use the provided spacer (21104-B) between the engine block and the Power Steering bracket as shown.. **Fig-5**



**Kit 21155 with canister style
power steering pump.**

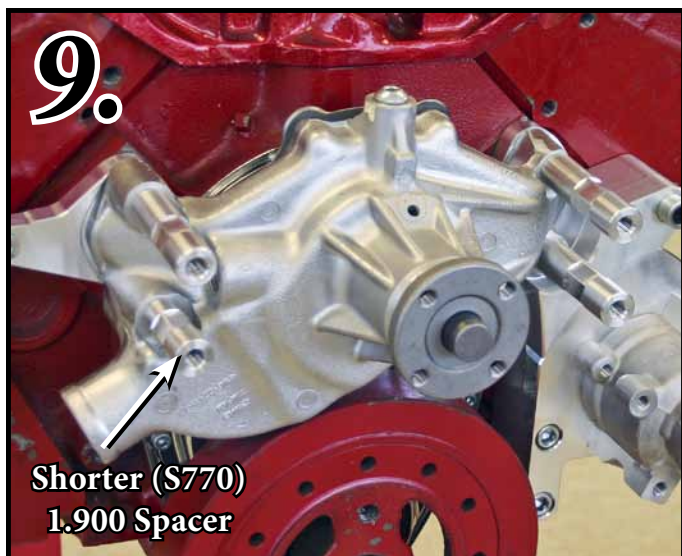
6. Mount the front bracket (20109-A) to the front of the Power Steering pump (P304) with (2) $\frac{3}{8}$ x $\frac{3}{4}$ " Hex Head Bolts. (S311). Mount the rear plate (20109-B) to the rear of the pump in the lower pump housing hole using (1) $\frac{3}{8}$ x 1" hex bolt (S312).



7. Use the (TP-3 .150) spacer between the pump and the bracket. Insert the Spacer block (20114-C) between the two plates and install the unit to the lower right (drivers side) Engine Block tapped holes using (2) $\frac{3}{8}$ x 3-1/2 SHCS (S270). Install the power steering pulley (535-A)



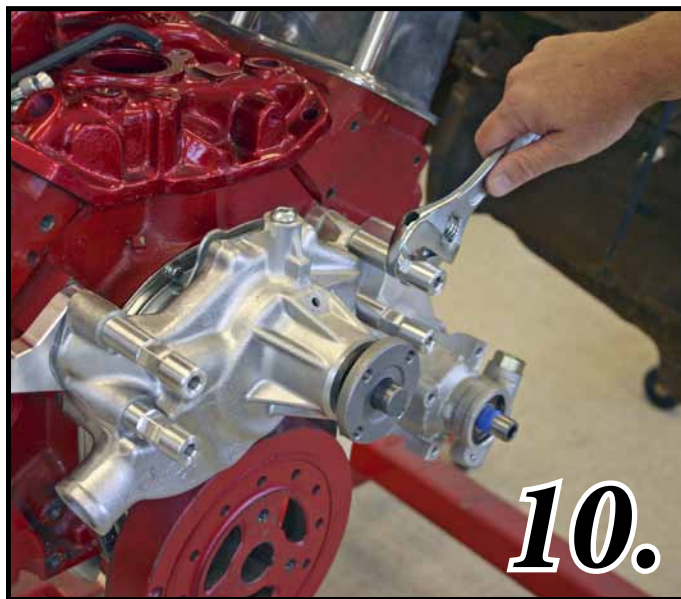
8. Using (2) Paper Gaskets (S675) and silicone sealer slide the water pump (P112) over studs and onto the face of rear brackets. As shown. **Fig-6**



9. Apply anti-seize to the exposed threads on each stud. Thread the short (S770) 1.900 Threaded Stainless Spacer onto the bottom passenger side stud and then thread the three remaining longer (S775) 2.800 Threaded Stainless Spacer onto the remaining studs. **Fig-9**

10. Tighten threaded spacer bushings as shown. **Fig-10**

Install (S750) Hose Extension to water pump using Teflon tape.

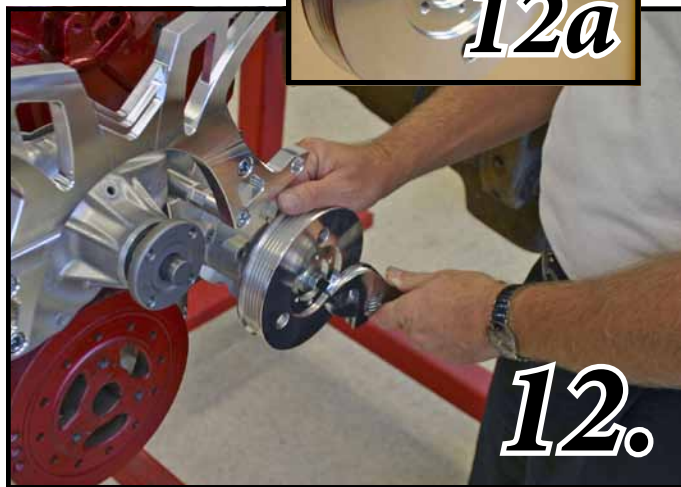


11. Mount main bracket (21101-A) to threaded studs using four (S248) $\frac{3}{8}$ "-16 x 1" socket head cap screws.



Fig-9

12. Press Power Steering pulley (619-A) on with a install tool or bolt and washer as shown. **Fig-12**. When properly installed pulley should be flush with top of shaft as shown. **Fig-12a**

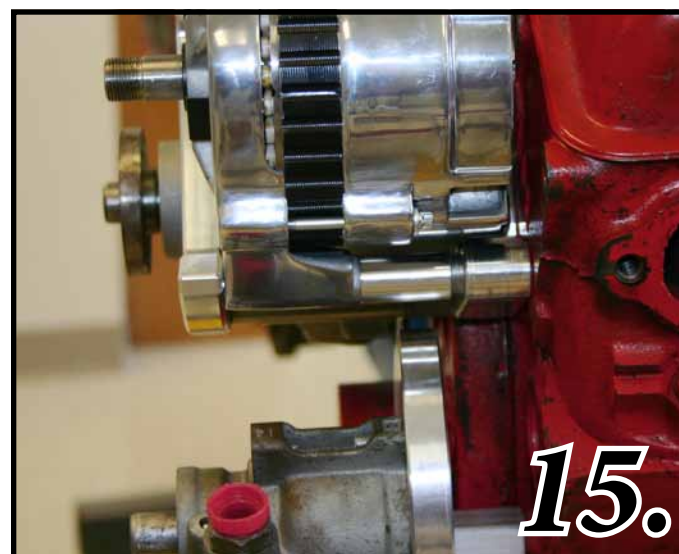


13.. Apply Loc-Tite to the threads of the three (S292) $\frac{3}{8}$ "-24 x 1" socket head cap screws. Place the crank pulley (6301-A) on damper and align holes. Thread the three screws through pulley and into damper, tighten firmly (50 ft/lbs.) **Fig-13. Re-install Damper Bolt**



Fig-14

14. Apply Loc-Tite to the threads of the four (S186) $\frac{5}{16}$ "-24 x $\frac{7}{8}$ " socket head cap screws. Place the water pump pulley (6302-A) to the Water Pump and thread the cap screws through pulley and into Water Pump pulley flange, tighten firmly (28 ft/lbs.)

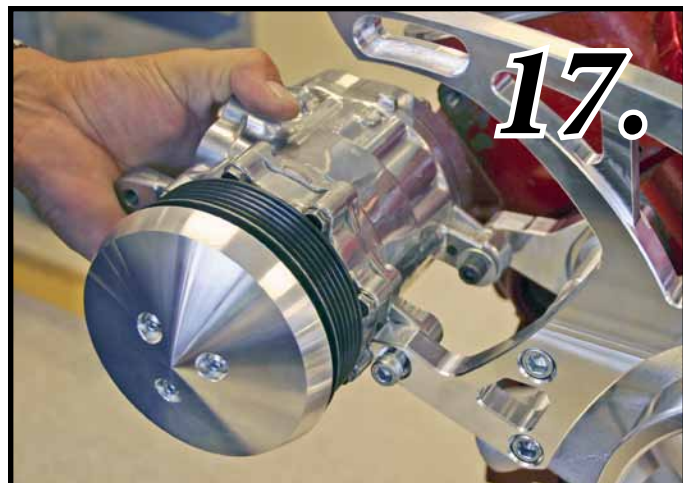
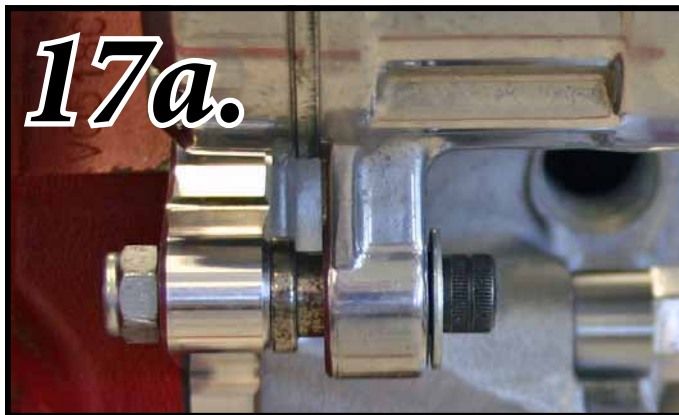


bracket. Tighten lightly at this time. **Fig-15**

16. Place the compressor clutch cover (394-A) onto the compressor clutch and align. Thread the three (S520) M6 - 10 x 16mm Button Head Bolt. through the cover and into the clutch and tighten. **Caution – Do not over-tighten!**



17. Install A/C compressor Unit (P412) use a a M8 x 1.25 x 20 mm SHCS (S550) thru the front bracket-into front compressor tang **Fig-17**. Use a (S155) $\frac{5}{16}$ " x 2" SHCS (S660) $\frac{5}{16}$ " Flat Washer (S616) $\frac{5}{16}$ " Nylon Lock Nut to support the rear tang and a TP3-.150 Spacer, Tighten lightly at this time. **Figs-17a+17b**



18. Push the Alternator and A/C inward to their fullest position **Fig-18** and Install the serpentine belt, Slip the belt over the crank pulley last. **Fig-18a**

Use Dayco #5060590 59" 6 rib serpentine belt for kit #21100 (without power steering)

Use Dayco #5060620 62" 6 rib serpentine belt for kit #21150 (with remote power steering pump)

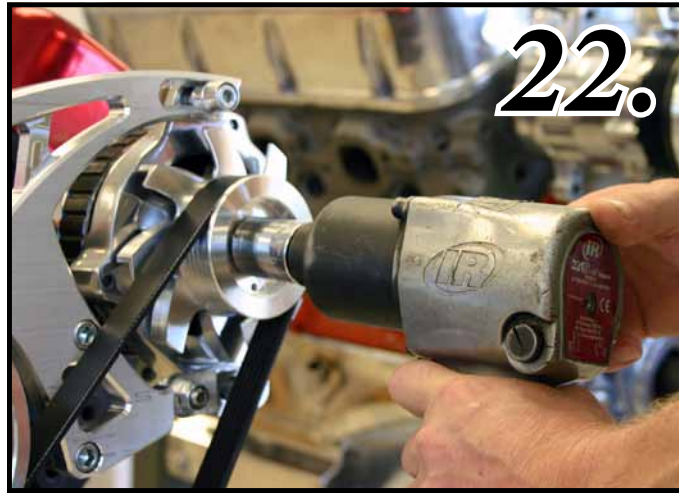
Use Dayco #5060640 64" 6 rib serpentine belt for kit #21155 (with canister power steering pump)



19. For Style Track Kits Install (S553) M8 x 1.25 x 35 mm SHCS into (MM100) bushings as shown install, Use (S558) M8 x 1.25 x 45mm SHCS for Pro-Track kits. **Fig-19**. One each into Alternator, and A/C units in adjustment slots, leave loose at this time.

20. Slip the supplied March Adjustment tool over the two (MM100) bushings. **Fig-20**

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. Remove the adjustment tool and keep for future use.



21. TIP: Your Serpentine belt is tight when it can't be moved by more than 1/2 inch at its longest span between pulleys. The belt should not be able to be twisted by more than half a turn. **Fig-21.**

22. Tighten alternator pulley nut (impact to 90 ft, pounds). **Fig-22** Check and tighten all bracket bolts and alternator and A/C 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.

Install Alternator Pulley cover (306-A) with three (S028) socket head cap screws.

Install Power Steering Pulley Cover (302-A) with three (S022) socket head cap screws.



Final Assembly

If you are going to be installing your air conditioning hoses and charging the system at this time, remove the cover plate on top of the compressor body. Install the (P417) A/C adapter lines, hoses and connect clutch wire and charge system.

Important: If you are NOT installing hoses and charging the system at this time, leave cover plate on compressor. Do not connect the clutch wire or apply power to clutch wire without the hoses connected and the system charged – **Serious damage will occur to compressor.**

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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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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.

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100% credit issued on manufacturer defects

20% return fee on all reshelvable product

70% return fee on all repairable product

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RGA# _____ CT# _____ Issued by: _____ Date _____

Purchaser's Name _____ Phone _____

Address _____

Purchased Directly Through _____ Invoice# _____

Product ID _____ Invoice Date _____

Reason _____

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