



## Electric Water Pump Serpentine Kits



*Style*  
**TRACK**

# 22110/22115

CHEVY SMALL BLOCK

## Included Parts List

### Main Face Plate P/N 22116

1-22116-A.....	Face Plate
4-S338.....	3/8 x 2-1/2" Studs
2-S675.....	W/P Gaskets
2-S553.....	M8 x 30mm SHCS
4-S784.....	5/8 x 3" Threaded Spacers
4-S250.....	3/8 x 1-1/4" SHCS
1-S278.....	3/8 x 5" SHCS
2-MM100.....	Alum. Countersunk Bushing

### Rear Alt Support P/N 22117

1-21112-A.....	Rear Alt. Support Bracket
1-S450.....	5/8 x 1" threaded Spacer
1-TP3-.750.....	Spacer Tube

### Rear A/C support P/N 22118

1-21113-A.....	Rear A/C Support Bracket
1-TP5-.350.....	Spacer Tube
1-S155.....	5/16 x 2" SHCS
1-S551.....	M8 x 25 MM SHCS

### Idler Bracket P/N 22119

2-21077-A.....	Bracket Body
2-TP3-.650.....	Spacers
2-302-A.....	Idler body Caps
2-S666.....	3/8 SAE Washer
2-S324.....	3/8 x 2-1/4" Hex Bolts
6-S022.....	8/32 x 3/8 SHCS
2-740-A.....	Idler pulleys

### Power Steering Bracket kit P/N 21104

1-21104-A.....	Front Bracket body
1-21104-B.....	Spacer Block
2-S551.....	M8 x 25 MM SHCS
2-S260.....	3/8 x 2-1/4" SHCS

(For 22115 P/S Kit Only)

### 22115-206 PULLEY KIT

1-6301-A.....	Crank Pulley
1-221-A.....	Alt Fan
1-206-A.....	Alt. Pulley
1-306-A.....	Alt Pulley Cap
1-394-A.....	A/C Nose Cover
1-345-A.....	Electric W/P Nose Cover
1-650-A.....	Power Steering Pulley (22115 Kit Only For 650 P/S Pulley)
3-S292.....	3/8x24x1" SHCS
3-S028.....	8/32 x 1" SHCS
1-S685.....	Lock Washer
3-S520.....	M6 x1.0x 20MM Buttons
4-S048.....	10-24 x 4" SHCS
3-S144.....	5/16 x 7/8 SHCS

### P-Numbers

1-P821.....	Meziere Electric W/P
1-P572.....	Chrome Alt.
1-P412.....	Chrome A/C unit
1-P313.....	Rem. P/S Pump for (22115) kit only
1-P417.....	A/C line Adaptor
1-P828.....	Radiator Adaptor
1-BLT-12	March Adjustment tool

BELT FOR KIT 22115 66-1/2" Long  
BELT FOR KIT 22110 64.3" LONG

## Required Tools And Materials

RTV Silicone	6mm Allen Driver
Loc-Tite	5/8 Combo Wrench
Anti-seize	9/16 Combo Wrench
Gasket Scraper	11/16 Combo Wrench
3/16 Allen Driver	3/4 Combo Wrench
5/16 Allen Driver	Socket Wrench & Extensions
1/4 Allen Driver	10 MM 12 Pt. Socket

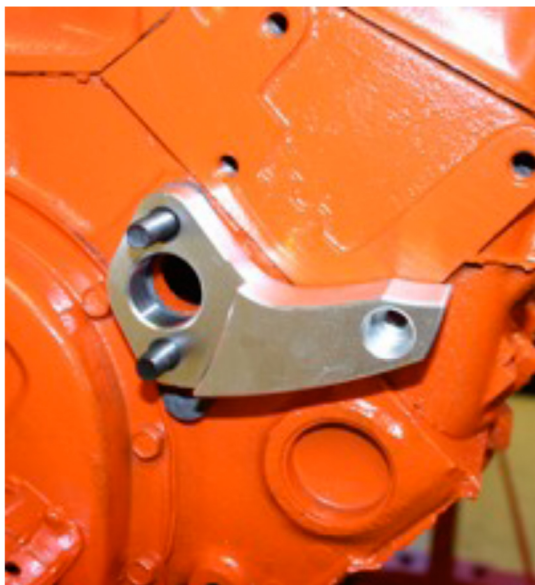


**Photo-1**

Install the Four 3/8 x 2-1/2" Studs (S338) into the block as shown. Add two Gaskets (S675) sliding them over the studs as shown.

**PHOTO-2**

Slide the rear A/C Support Bracket (21113-A) over the passenger side studs then add a second gasket.

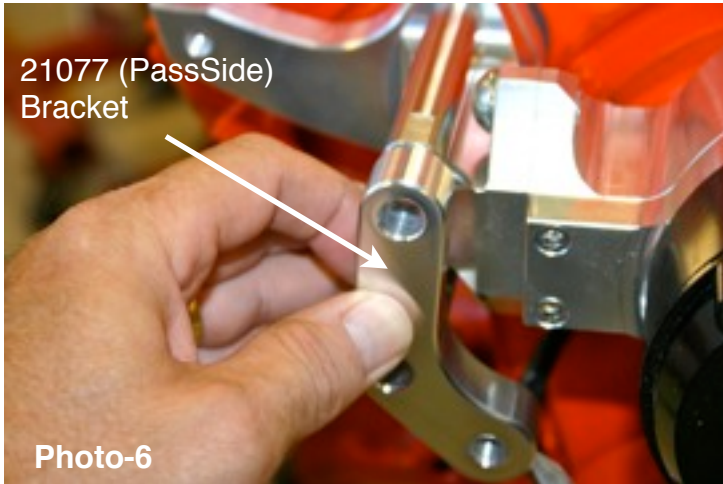
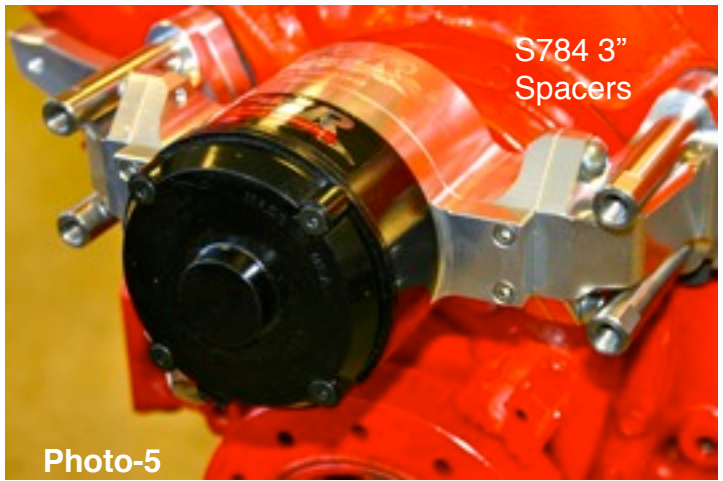


**PHOTO-3**

Slide the rear Alt. Bracket (21112-A) over the drivers side studs. Add a Gasket as Shown. Install the provided 5/8 threaded set screw (S450) to the bracket tapped hole.

**Photo-5**

Install the Water Pump (P821) by sliding it over the four studs and the two rear supports then screwing in the four 5/8 O.D. x 3" long Stainless Threaded spacers. (S784). Also install Radiator Adaptor (P828).

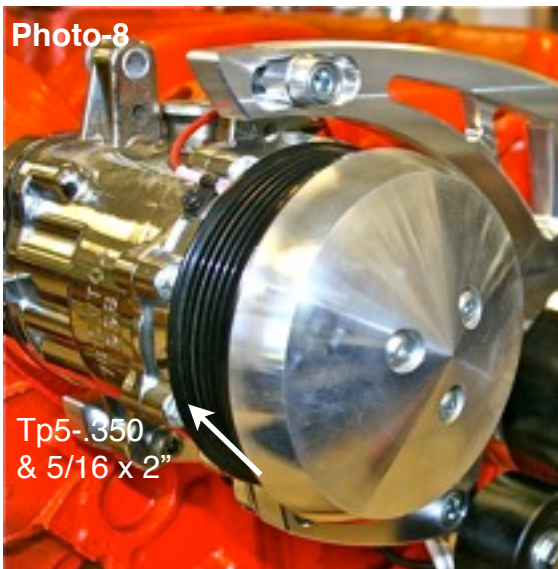


**Photo-6**

This photo shows how the two Idler brackets (21077-A) will be mounted one on the left and one on the right. Both will have the tapped holes of the brackets pointing to the center of the block. and will be mounted between the front main bracket and the four stainless studs (S784).

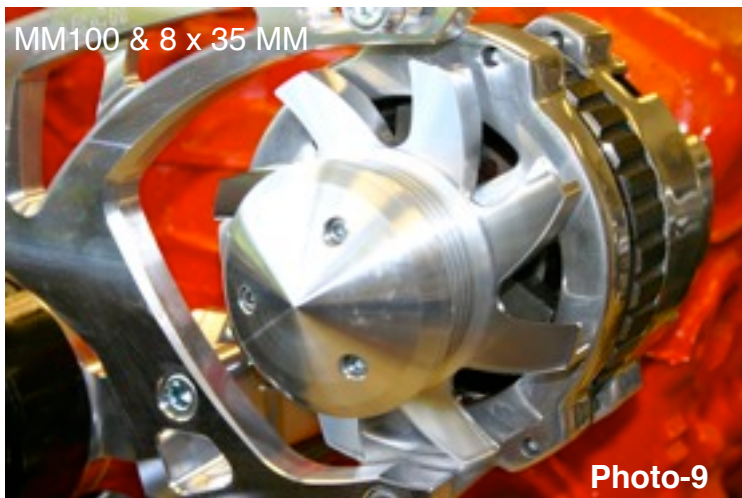
**Photo-7**

Install the main front plate (21101-A) using four 3/8 x 1-1/4 SHCS (S250) Note the idler brackets are mounted right behind them. Now you can install the Two idlers (740-A) onto the idler brackets using two 3/8 washers (S666) and two 3/8 x 2-1/4" Hex Bolts. (S324). Space with two TP3-.650 Alum Spacers between the brackets and the idler pulleys.



**Photo-8**

Install the A/C unit (P412) in the lower front hole of the main bracket use a M8 x 25mm SHCS (S551) in the upper slot of the Main bracket use a MM100 Alum. Bushing and a M8 x 35MM SHCS (S553). Now tie the rear lower ear of the A/C unit to the rear support By using a 5/16 x 2" SHCS (S155) and between the rear support and the rear A/C ear use a (TP5-.350) Tube Spacer. Now add the A/C cover (394-A) use three M6-1.0 x 20mm Button heads (S520).



**Photo-9**

Install the Alternator (P572) in the lower hole of the main bracket use a 3/8 x 5" SHCS (S278) and between the rear of the Alt. and the 5/8 Adjustable Bushing use a (TP3-.750) Spacer Make sure the 5/8 bushing is snug to the rear of the spacer. In the upper slot of the main bracket use a MM100 Alum. Bushing and a M8 x 35mm SHCS (S553) . Add the Alt. Fan (221-A) the Alt. Pulley (206-A) The (S685) Washer and the Alt Pulley Cap (306-A) use three 8/32 x 1" SHCS (S028).to install the cap.

Install the Power steering bracket (21104-A) Use two M8 x 20mm (S551) to mount the P/S Pump to the bracket. Then between the main bracket and the motor block use the provided 21104-C Spacer block and install with two 3/8 x 2-1/4" SHCS (S260) as shown. You may add the P/S pulley (650-A) with three 5/16 x 7/8 SHCS (S144)



PHOTO-11

**Install the crank Pulley (6301-A) Using three 3/8 x 1" Fine thread SHCS (S292) As Shown.**



PHOTO-12

Install the two idler covers (302-A) with the six 8/32 x 3/8 SHCS (S022) Now install the Electric W/P Nose Cover (345-A) , First remove the four installed bolts from the water pump motor then install the cap and use the provided 10-24 x 4" SHCS.(S048)

Now install the belt, for P/S kits 66-1/2" long for non P/S kits 64.3" long buy removing the M8 bolts and MM100 bushings from the upper two slots and tilting the Alt. & A/C units fully inward then install the belt as shown, pull the Alt. & A/C units out and re install the upperM8 bolts and M100 bushings.



**Photo-13** Adjust the Belt tension with the provided Belt Adjustment tool (MM103) by slipping the ends of the tool over the MM100 Bushings and turning the center turn buckle until the belt is tight 100 foot pounds is about correct . (NOTE: after the belt is adjusted REMOVE the tool and store for later use !



### ***Final Assembly***

If your going to be installing your A/C lines and hoses remove the cover plate on top of the compressor body install the (P417) adapter lines and attach hoses, then connect the Clutch wire and the Charging system. **IMPORTANT !** If your not installing the A/C charging system at this time leave the cover plate on and **DO NOT ENGAGE** the Clutch wire at this time, **Damage will occur to the compressor.**

### **Electric Water Pump Serpentine Kits**



### ***After Complete Installation***

**Start the Motor and let it idle for 5 Minutes and recheck all Fasteners and the belt of any signs of wear or misalignment.**

**TECH SUPPORT 1-888-729-9070**

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.

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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 \*\*