



*Highly Styled , Low Cost Serpentine Drive Systems*



**CHEVY BIG BLOCK ALT/P/S/A/C KIT**

**& \$( )**

**& \$+&**

**& \$, &**

**23092**

## **Included Parts List**

### **20150 Power Steering Bracket**

**1-20150-A .....P/S Bracket Body**  
2-TP3-1.980.....Spacer Tube  
2-S275.....3/8-16 x 4-1/4" SHCS  
1-S312.....3/8-16 x 1" Hex Bolt  
1-20175-A.....Lower Front Support Bracket  
1-20175-B.....Lower Rear Support Bracket  
1-S266.....3/8-16 x 3" SHCS  
3-S311.....3/8-16 x 3/4" Hex Bolt  
4-S664.....3/8 x 1" Washer  
5-S666.....3/8 x 3/4" Washer  
2-S667.....3/8 x 5/8" Washer

### **20129 Alt. & A/C combo Bracket**

1-20129-A.....Front Bracket  
1-20129-B.....Rear Support Bracket  
1-20142-A.....Alt Relocation Bracket  
with/ 1-S144 & 1-S248  
1-RA-1.625.....Adjustment rod  
1-TP7-3.250.....Spacer Tube  
2-TP7-1.625.....Spacer Tube  
1-S150.....5/16 x 1-1/2" SHCS  
2-S244.....3/8 x 3/4" SHCS  
2-S248.....3/8 x 1" SHCS  
1-S284.....3/8 x 6-1/2" SHCS  
1-S324.....3/8 x 2-1/4" Hex Head Bolt  
2-S358.....7/16 x 2-1/2" SHCS  
1-S378.....7/16 x 6-1/2" SHCS  
2-S550.....M8 x 20mm SHCS  
1-S616.....5/16 Lock Nut  
1-740-A.....Idler Pulley  
with 1-S324,1-S622,1-S666  
1-740-B Cap.....3-S022

### **6322-623 Pulley Kit**

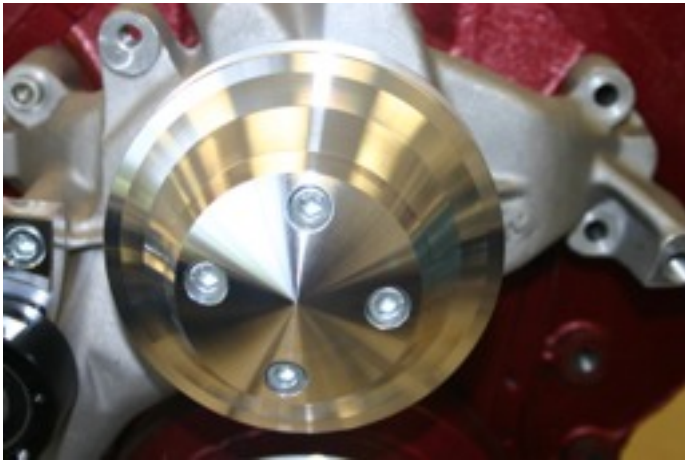
1-7336-A.....Crank Pulley  
1-6322-A.....Water Pump Pulley  
1-623-A.....Power Steering Pulley (key)  
1-208-A.....Alt. Pulley  
1-221-A.....Alt Pulley Fan  
1-314-A.....W/P Pulley Cover  
1-394-A.....A/C Cover  
1-307-A.....Alt Cover  
3-S028.....8/32 x 1" SHCS  
1-S685.....Lock Washer  
4-S183.....5/16-24 x 5/8 SHCS  
3-S248.....3/8-16 x 1" SHCS  
3-S124.....1/4" Button head screws  
3-S520.....M6 x 20mm Washer  
~~For Metric A/C Clutch)~~

### **Required tools and Materials**

RTV silicone	6mm Allen Head
Lock-Tite	5/8 Combo Wrench
Gasket Scraper	9/16 Combo Wrench
3/16 Allen head	11/16 Combo Wrench
5/16 Allen head	3/4 Combo Wrench

**Photo-1**

Install the crank pulley 7336-A To the balancer using three 3/8-16 x 1" SHCS (S248 ) as shown.



**Photo-2**

Install the Water Pump Pulley (6322-A) and the pulley cover (314-A) using four 5/16 x 5/8 SHCS (S183).

**Photo-3**

Mount the Alt & A/C front bracket (20129-A) to the two tapped holes on the water pump. In the upper hole use a 3/8 x 1" SHCS (S248) In the lower hole install the Idler pulley (740-A) use a 3/8 x 3/4 washer (S666) and a 3/8 x 2-1/4" hex bolt (S324). And install the (740-O) Idler Pulley O-ring as well. Using three 8/32 x 3/8 SHCS (S622)



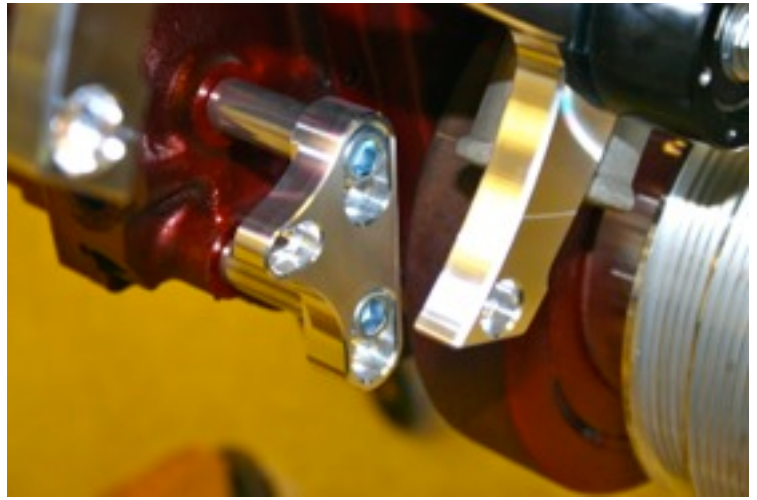
**Photo-4**

Mount your GM Alternator to the bracket using the (TP7-3.250) Spacer Tube between the head and the rear of the Alt Mounting ear, using a 3/8 x 6-1/2" SHCS (S284) as shown. We also provide a 7/16 x 6-1/2" SHCS (S378) if your heads have 7/16 holes. Now install the Alt. Fan, (221-A) and Alt Pulley (208-A) with the provided 11/16 lock washer (S685). Make sure to use an impact to secure the pulley and fan. Next install the Alt Cap (307-A) using three 8/32 x 1" SHCS (S028).



**Photo-5**

Mount the Rear A/C support Bracket (20129-B) To the Pass. Side two lower holes using two (TP7-1.625) Spacers between the block and the rear support securing with two 7/16 x 2-1/2" SHCS (S358).



**Photo-6**

Mount the A/C compressor to the A/C & Alt Main bracket. Use two M8 x 20mm SHCS (S550). (Note) the metric bolts have a larger head than the standard socket caps. Now lineup the rear support to the rear A/C ear and secure with a 5/16 x 1-1/2" SHCS (S150) and a 5/16 lock nut (S616). Now add the provided (394-A) A/C clutch cover to the front of the A/C unit using three 1/4-20 x 3/4" button head screws.(S124).(NOTE) Some clutch units require metric screws for this application, use the three M6 x 20 mm Metric Button Heads (S520).

**.Photo-7**

Mount the Alt. Re-locator (20142-A) to the tapped hole of the Alternator (Back Side) using the provided 5/16 x 7/8 SHCS (S144 ) then attach the (RA-1.625) Adjustment rod to the Re-locator with a 3/8 x 1" SHCS (S248). You can now attach the rod to the water pump Using the second provided 3/8 x 1" SHCS As shown.

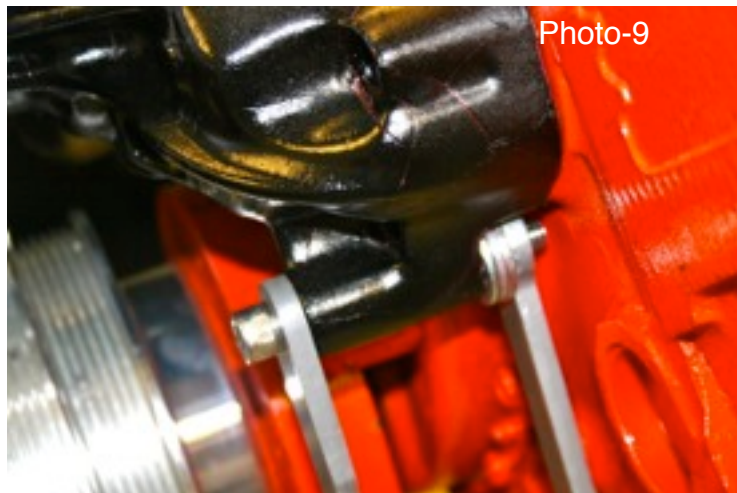
If your Not using the power steering option install and tighten the 62" belt, if your using power steering move to the next step.



**Photo-8** Mounting the P/S. If your P/S pump came with a mounting stud at the rear lower 6 o'clock position in the the pump use a 11/16 wrench and remove it .

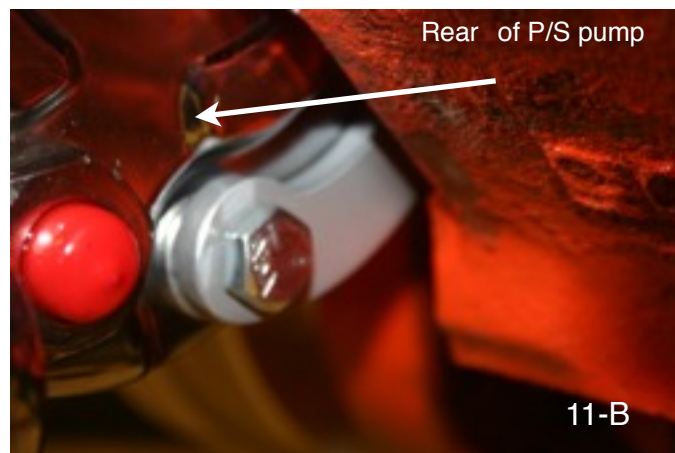
**Photo-9**

Mount the Power steering brackets that came with your kit to the water pump boss (20175-A) front & (20175-B) rear. Use a 3/8 x 3" SHCS (S266) Place one 3/8 x 1" (S664) washer between the water pump and rear support bracket and start threads. Due to production Differences in the water pumps different shimming may be required and extra washers are provided.



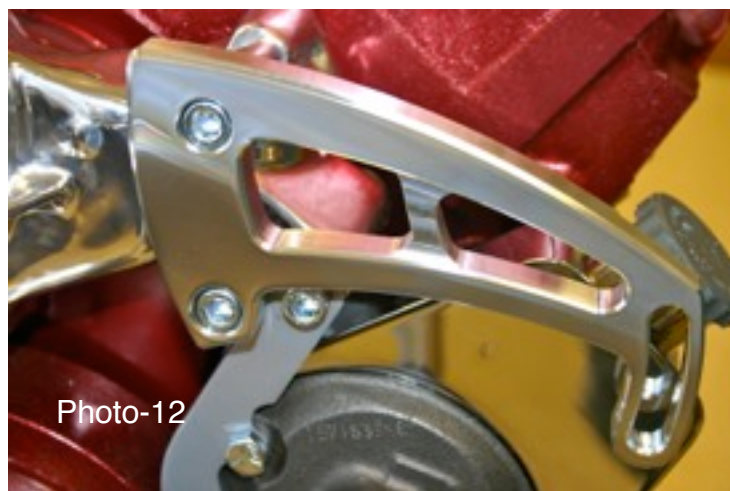
**Photo-11**

Secure the P/S pump to the lower brackets (20175-A) & (20175-B) use two 3/8 x 3/4 Hex bolts (S311) in the front bracket use two 3/8 x 3/4" washers (S664) behind each of the two locations of the front mounting bracket. And snug the bolts. See photo 11-A . Photo-11-B shows mounting of the rear support bracket using one 3/8 x 1" washer.(S664) and a 3/8 x 3/4" hex bolt (S311) .



**Photo-12**

Install the front Power steering bracket (20150-A) to the water pump using two 3/8 x 4-1/4" SHCS (S275) and two (TP3-1.980 ) spacer tubes.





**Photo-13**

Check the distance between the front bracket and the power steering pump there should be a gap big enough to fill with one 3/8 washer. If the distance is greater it may be necessary to remove one washer from the rear of the lower rear support to move the pump forward this will achieve a movement of 3/32 on one inch.

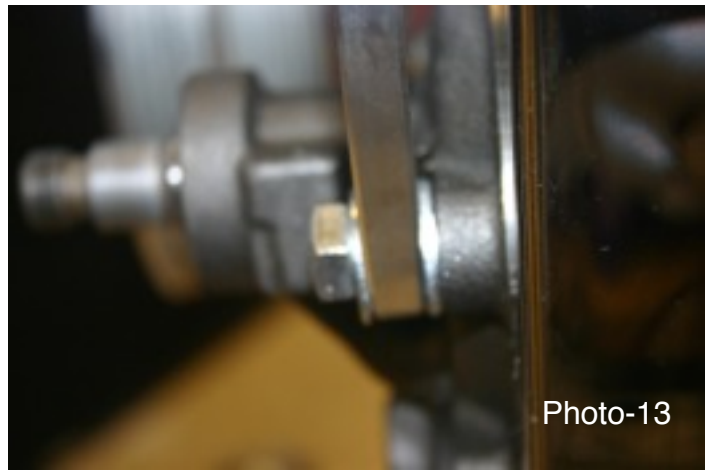


Photo-13

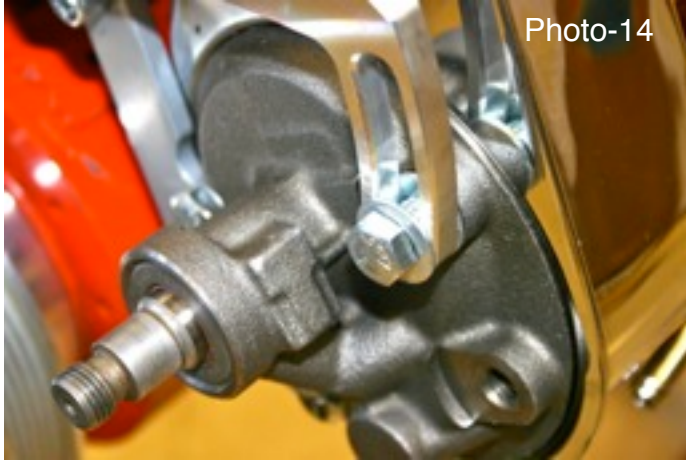


Photo-14

**Photo-14**

Once proper spacing is achieved secure the front bracket to the pump thru the slot use a 3/8 x 3/4" washer (S666) and a 3/8 x 1" hex bolt (S312) . And one 3/8 x 1" washer between the main front bracket (20150-A) and the power steering pump.

**Photo-15**

Mount the power steering pulley to the pump (623-A) keyed or (624-A) press fit. And check alignment in relation to the crank pulley . Install the power steering belt 5060390 (39") From the crank to the P/S pulley and tighten. Use the adjustment bolt in the P/S slot to secure the belt position with no more the 1/4" of twist in the belt when tight.



Photo-15



**Photo-16**

Now add the Alt & A/C Drive Belt (5060620) 62" belt and use the Adjustment rod to tighten. Re-check all bolts. And drive belts after a five min. Run time. March Tech Support can be reached at 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.

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.

DISCLAIMER OF OTHER WARRANTIES

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.

Limitation on Remedies

REPAIR OR REPLACEMENT AS PROVIDED IN THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. MARCH PERFORMANCE SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THE PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OF CONSEQUENTIAL DAMAGES SO THE PROCEEDING LIMITATIO OR EXCLUSIONS MAY NOT APPLY TO YOU. YOU HAVE NO RECOURSE OR REMEDY FOR DAMAGE OR DEFECT CAUSED BY MISUSE, ABUSE OR NEGLIGENCE.

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 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 \*\*