

Pontiac kit 13120

50702 alt & p/s bracket assembly

- 1.....50701-B alt side support bracket
- 1.....50702-A alt & p/s main bracket
- 1.....21068-A p/s adapter bracket
- 1.....30142-A alt adjustable spacer tube
- 1.....30039A-09 p/s rear support bracket
- 1.....740 idler pulley assembly
 - 1..740-A idler
 - 1..302-A idler pulley cover
- 3..S022..8-32 x .375" shcs
- 1..S666..3/8 x .75" washer
- 1.....S143..5/16-18 x .625" shcs
- 1.....S144..5/16-18 x .875" shcs
- 1.....S146..5/16-18 x 1" shcs
- 1.....S150..5/16-18 x 1.5" shcs
- 2.....S158..5/16-18 x 2.5" shcs
- 2.....S244..3/8-16 x .75" shcs
- 1.....S262..3/8-16 x 2.5" shcs
- 1.....S282..3/8-16 x 6" shcs
- 2.....S312..3/8-16 x 1" hex bolt
- 1.....S323..3/8-16 x 2" hex bolt
- 1.....S450..5/8-18 x 1.125" set screw
- 1.....S453..5/8-18 x .850" set screw
- 1.....S622..3/8-16 lock nut
- 1.....S666..3/8 x .75 washer
- 1.....S667..3/8 x .625" washer
- 2.....TP3-1.100" spacer tube

Pulley kit

- 1.....13071-A crank pulley
 - 4...S186..5/16-24 x .875" shcs
- 1.....13072-A water pump pulley
- 1.....329-A water pump pulley nose cover
 - 4...S186..5/16-24 x .875" shcs
- 1.....208-A alternator pulley
- 1.....307-A alternator pulley nose cover
 - 3...S028..8-32 x 1" shcs
 - 1...S685..11/16 lock washer
- 1.....221-A alternator fan
- 1.....395-A a/c clutch nose cover
 - 3...S124..1/4-20 x .75" button bolt
- 1.....623-A power steering pulley
- 1.....360-A power steering pulley cover
 - 3...S106..1/4-20 x 1.25" shcs

50703 a/c bracket assembly

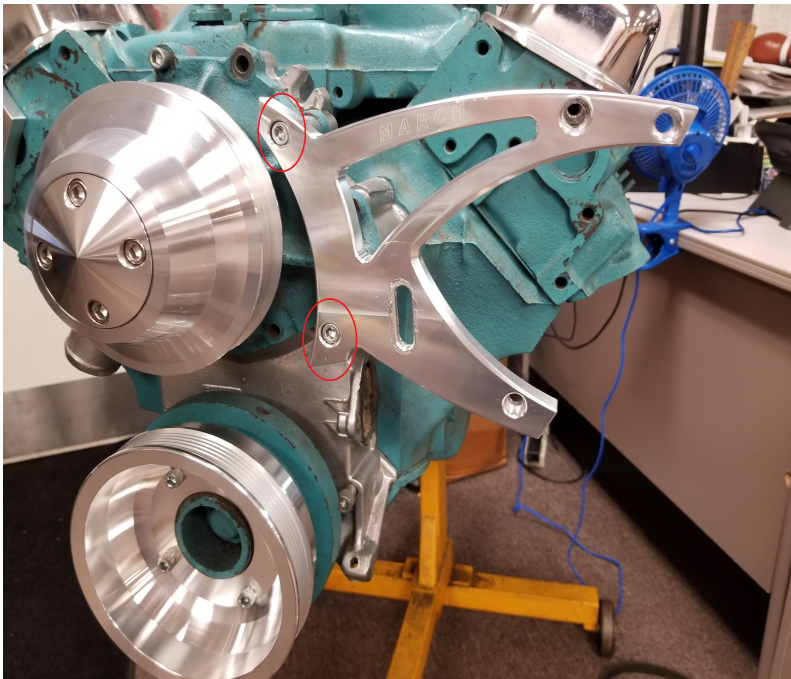
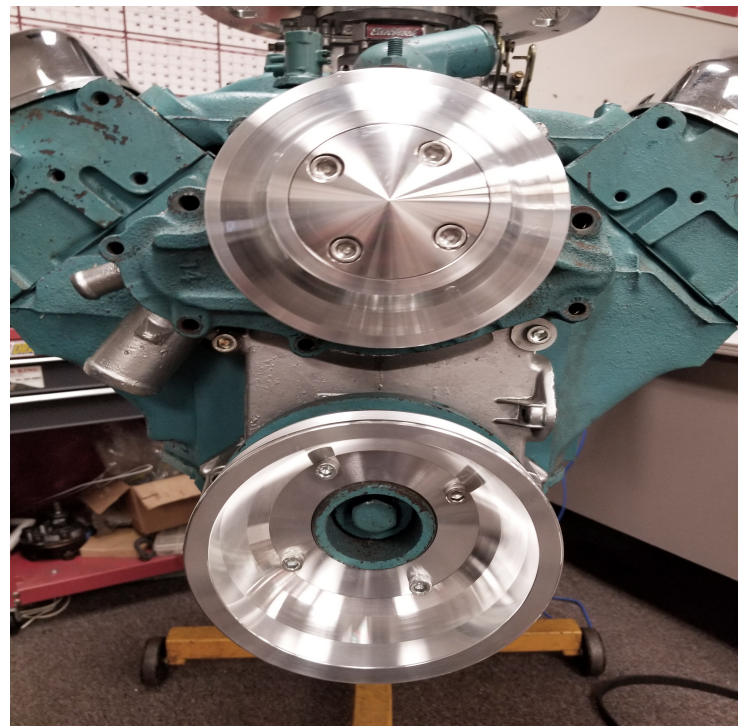
- 1.....50703-A a/c main bracket
- 1.....50703-B a/c rear support bracket
- 1.....50703-C a/c side support bracket
- 1.....759-A tensioner cover
- 1.....P758A-04 tensioner
- 1.....742 idler assembly
 - 1..742-A idler pulley
 - 1..302-A idler pulley cover
- 3..S022..8-32 x .375" shcs
- 1..S666..3/8 x .75" washer
- 2.....S022..8-32 x .375" shcs
- 2.....S158..5/16-18 x 2.5" shcs
- 1.....S162..5/16-18 x 3" shcs
- 2.....S248..3/8-16 x 1" shcs
- 2.....S254..3/8-16 x 1.75" shcs
- 1.....S278..3/8-16 x 5" shcs
- 1.....S279..3/8-16 x 5.25" shcs
- 1.....S323..3/8-16 x 2" hex bolt
- 1.....S452..5/8-18 x .450" set screw
- 1.....S616..5/16-18 lock nut
- 2.....S622..3/8-16 lock nut
- 2.....S660..5/16 washer
- 3.....S666..3/8 x .75 washer
- 1.....TP3-.520" tube spacer
- 1.....TP3-.990" tube spacer
- 1.....TP3-1.100 tube spacer
- 1.....TP3-2.750" tube spacer
- 1.....TP5-.950" tube spacer

shcs = socket head cap screw

Kit requires Pontiac 11 bolt water pump measuring 4.5" in length and a 4 bolt balancer. Any questions please contact us at 888-729-9070

Step 1

Install crank pulley (13071-A) with four (S186) 5/16-24 x .875" shcs. Install water pump pulley (13072-A) and water pump pulley nose cover (329-A) to water pump with four (S186) 5/16-24 x .875" shcs. **Note** if using mechanical cooling fan do not install nose cover and use correct length hardware.

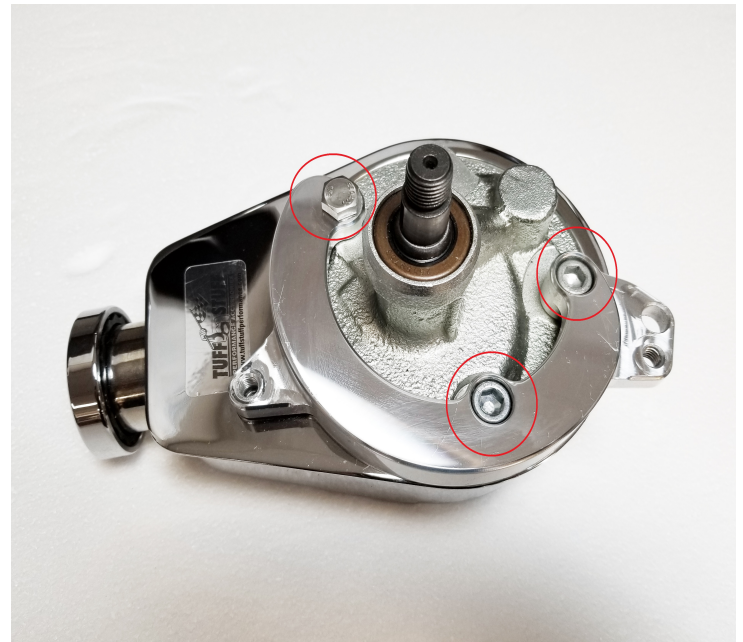


Step 2

Install alternator & p/s bracket (50702-A) to water pump using two (S158) 5/16-18 x 2.5" shcs and two (TP3-1.100") long spacers in between the bracket and water pump as shown.

Step 3

Install power steering adapter bracket (21068-A) to power steering pump with two (S244) 3/8-16 x .75" shcs and one (S312) 3/8-16 x 1" hex bolt with a (S667) 3/8 x .625" o.d. washer.



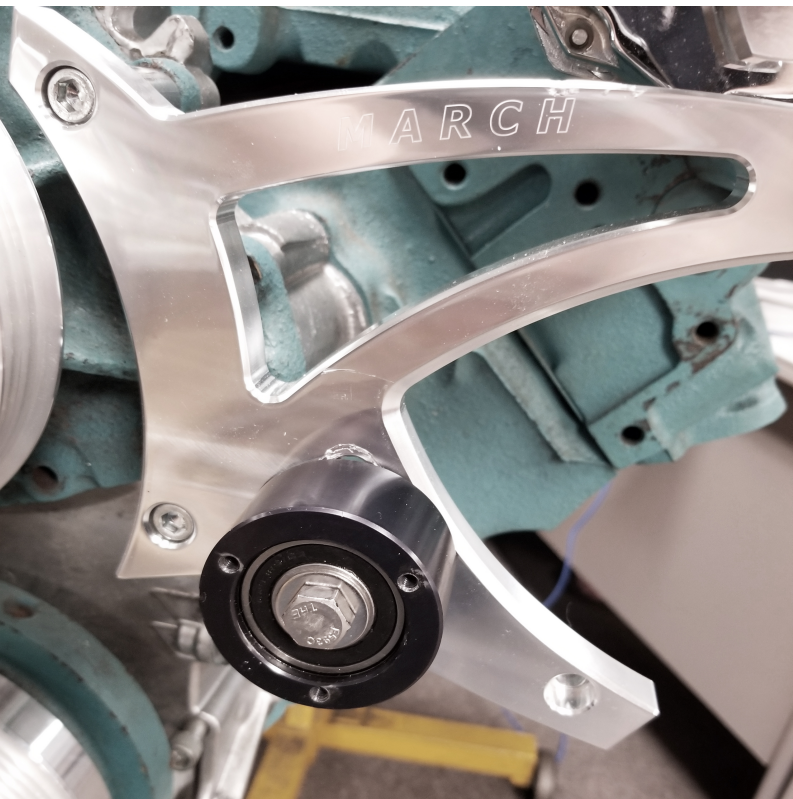
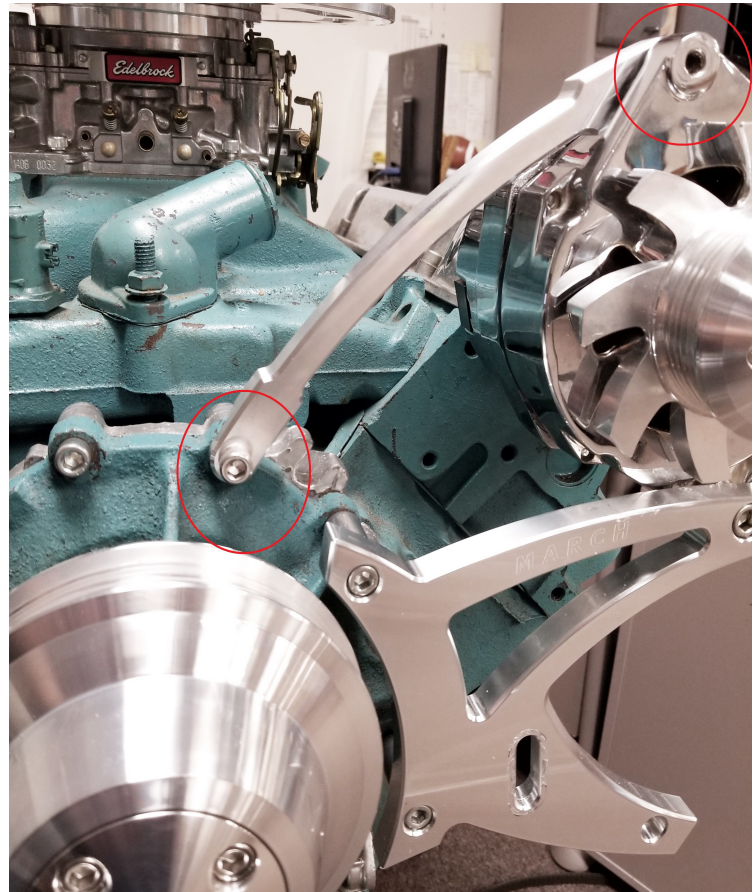


Step 4

First thread (S453) 5/8-18 x .850" set screw in to alternator support spacer (30142-A). Now install alternator to main bracket with alternator spacer in between alternator and cylinder head. Adjust (S453) set screw to take up any gap. Secure with a (S282) 3/8-16 x 6" shcs

Step 5

Install alternator side support bracket (50701-B) to backside of upper alternator ear with a (S146) 5/16-18 x 1" shcs. Attach other end of support bracket to water pump as shown with a (S150) 5/16-18 x 1.5" shcs.

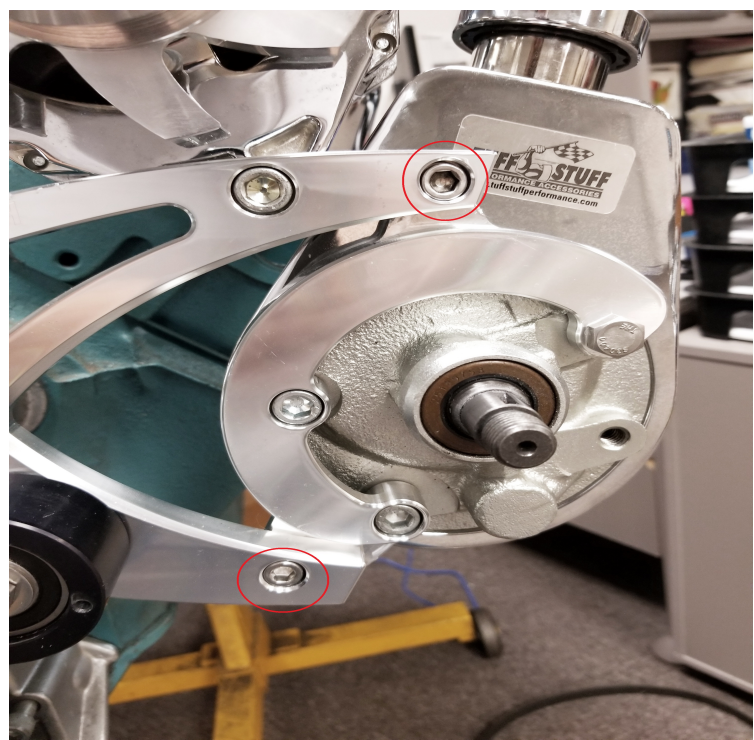


Step 6

Mount idler pulley (740) to slot on main bracket with a (S323) 3/8-16 x 2" hex bolt with a (S666) 3/8 x .75" o.d. washer. Secure with a (S622) 3/8 lock nut on back side of bracket. This idler position is adjustable to aid in belt tensioning. Note backside of bracket is pocketed for nut to sit in to.

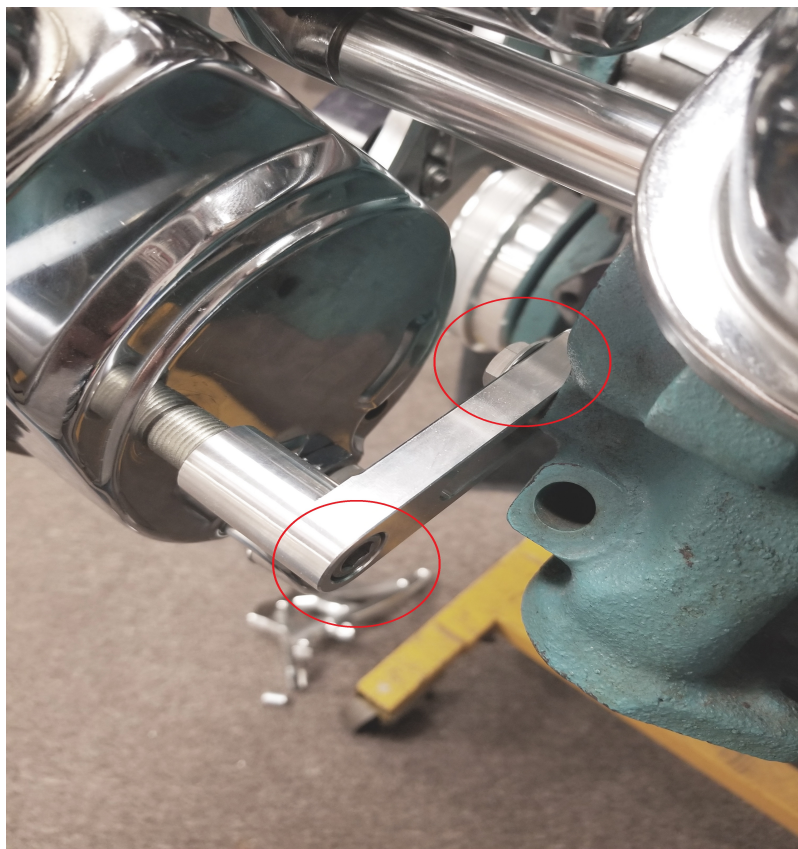
Step 7

Mount power steering pump with bracket (21068-A) to main bracket with a (S143) 5/16-18 x .625" shcs in the upper hole. For the lower hole, secure with a (S144) 5/16-18 x .875" shcs.



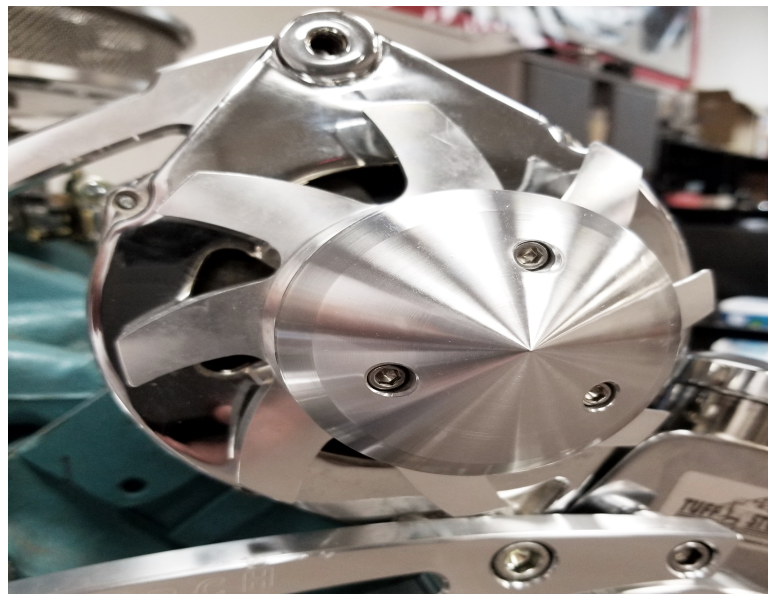
Step 8

First thread (S450) 5/8-18 x 1.125" set screw all the way in to power steering rear support bracket (30039A-09). Now install power steering rear support bracket (30039-A) to outer cylinder head hole with a (S312) 3/8-16 x 1" hex bolt and a (S666) 3/8 x .75" o.d. washer. To install to back of power steering pump first remove existing 3/8 bolt from pump and discard. Now thread (S450) set screw forward until flush with back of pump. Secure to pump with (S262) 3/8-16 x 2.5" shcs.



Step 9

Install (221-A) alternator fan and (208-A) alternator pulley on to alternator and secure with the (S685) lock washer and nut from alternator. Use impact and install to 70 lbs. Now install (307-A) alternator cap with three (S028) 8-32 x 1" shcs.



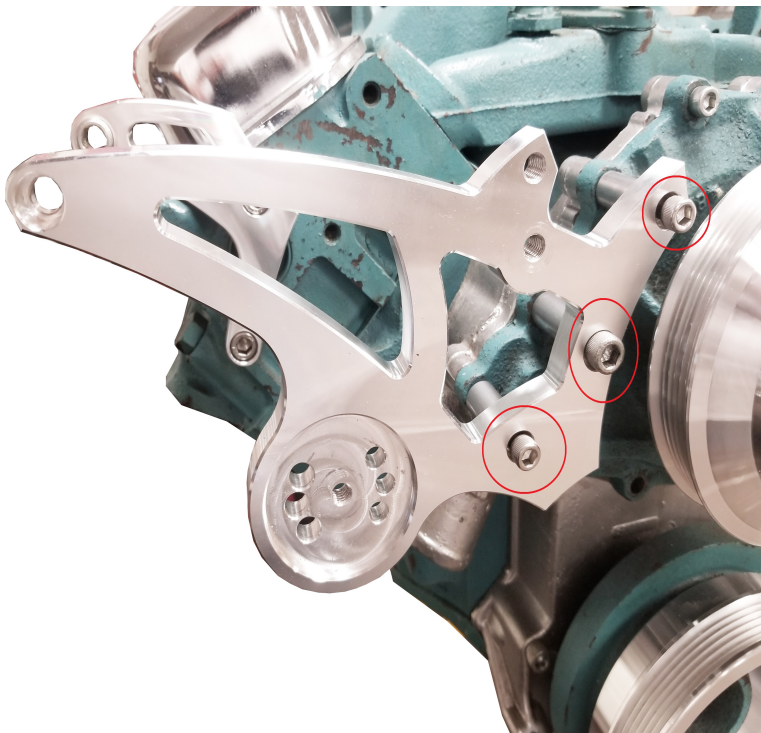
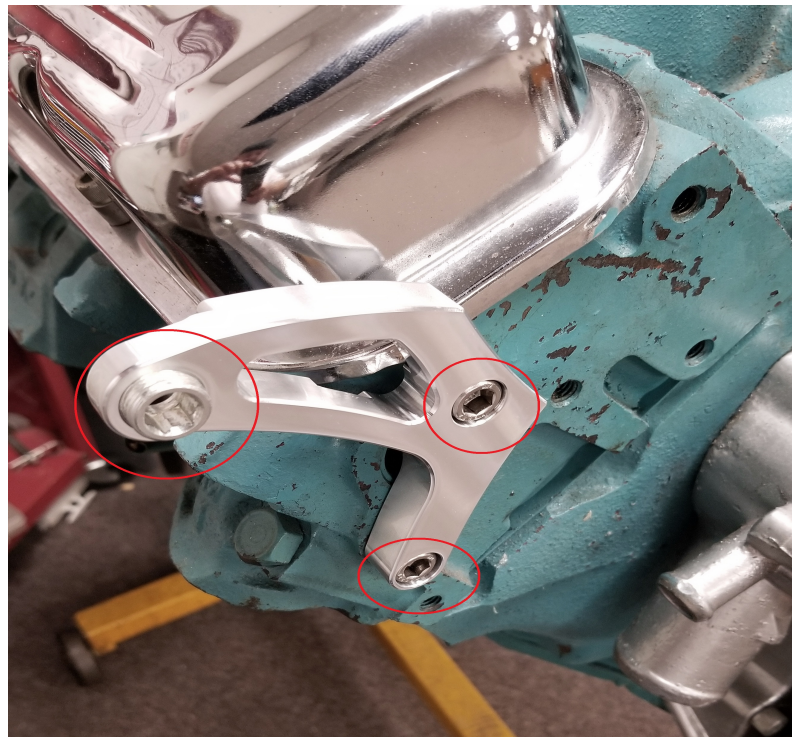


Step 10

Install power steering pulley (623-A). Make sure woodruff key does not slide up on shaft and that pulley is perfectly seated back. Failure to do so can cause premature failure of pulley. Now install power steering pulley nose cover (360-A) with three (S106) 1/4-20 x 1.25" shcs.

Step 11

Install a/c rear support bracket (50703-B) to passenger side cylinder head with two (S248) 3/8-16 x 1" shcs. Now Install (S452) 5/8-18 x .450" set screw in to rear support bracket.

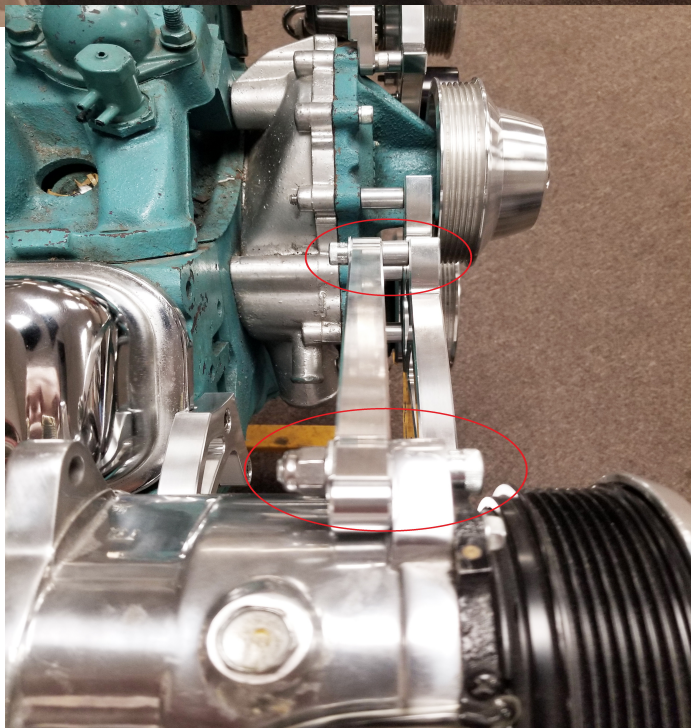
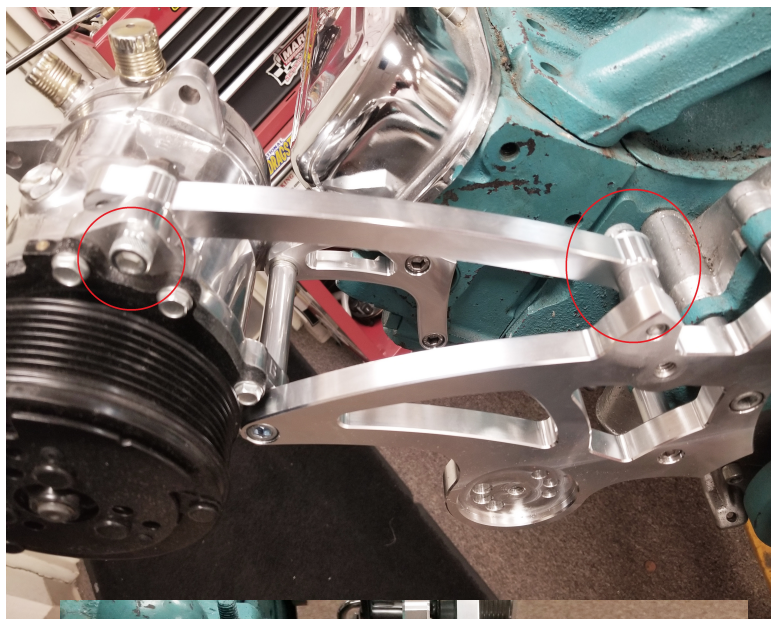


Step 12

Install main a/c bracket (50703-A) to water pump with the following hardware. In the upper hole use a (S158) 5/16-18 x 2.5" shcs with a (TP5-.950") spacer in between bracket and water pump. In the middle hole use a (S278) 3/8-16 x 5" shcs and a (TP3-1.100") spacer in between bracket and pump. In the bottom hole install a (S158) 5/16-18 x 2.5" shcs and a (TP3-.990") spacer in between bracket and pump. Leave slightly loose until a/c compressor is installed.

Step 13

Install Sanden 508 style compressor in to a/c brackets using a (S279) 3/8-16 x 5.25" shcs with a (TP3-2.750") spacer in between the front compressor ear and the rear a/c bracket. Adjust set screw to remove any gap. At this time tighten all hardware mounting a/c brackets to water pump and cylinder head. Secure the (S279) 3/8-16 x 5.25 shcs with a (S666) 3/8 x .75" washer and a (S622) 3/8-16 lock nut. leave slightly loose until compressor is rotated in to position.



Step 14

Install the slotted side of (50703-C) a/c side support bracket to a/c compressor using a (S254) 3/8-16 x 1.75" shcs through the front of the compressor ear. Secure with a (S666) 3/8 x .75" washer and (S622) 3/8-16 lock nut. The slot can aid in addition belt tensioning or to adjust outward for a taller valve cover but we do recommend installing all the way inward first. Next secure side support bracket to the main a/c bracket with a (S254) 3/8-16 x 1.75" shcs, a (S666) 3/8 x .75" washer and in between the brackets use a (TP3-.520") spacer.



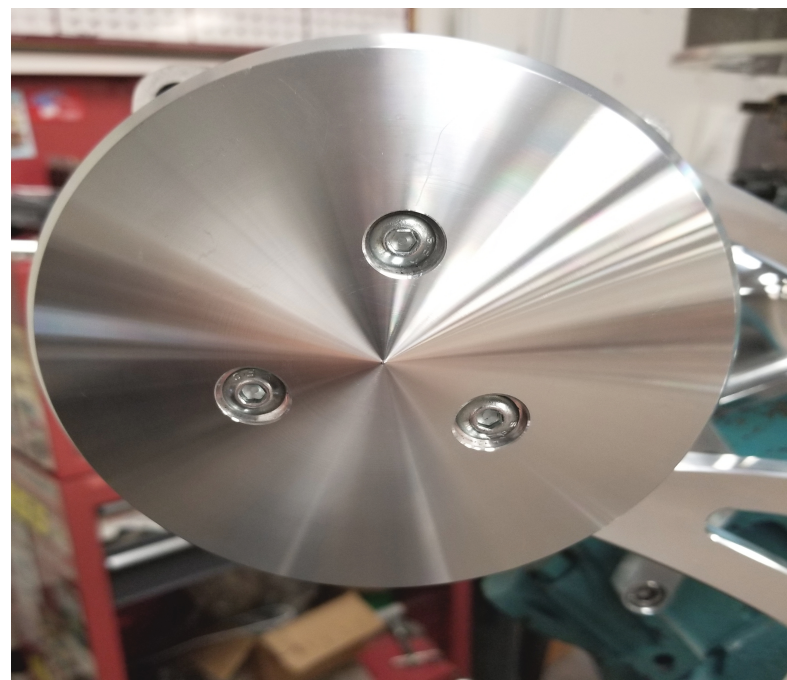
Step 15

Install (P758A-04) tensioner to a/c bracket with a (S162) 5/16-18 x 3" shcs and two (S660) 5/16 washers and secure with a (S616) 5/16-18 lock nut. There are three positions the tensioner can be installed in. We recommend installing with the tensioner in the middle position.



Step 16

Install (742) idler to a/c bracket with a (S323) 3/8-16 x 2" hex bolt and a (S666) 3/8 x .75" washer under the head of bolt. **Note: 742 idler has a longer bushing on the backside than the 740 idler supplied in kit.**

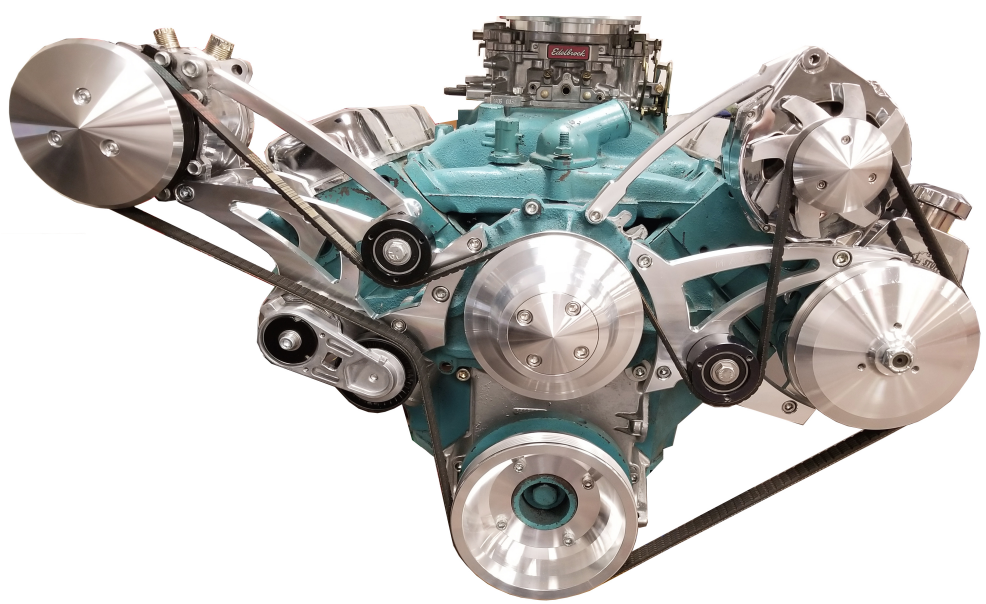


Step 17

Install a/c clutch cover (395-A) to a/c compressor clutch with three (S124) 1/4-20 x .75" button bolts. Do not over tighten as it will cause the clutch to engage.

Step 18

Route belt as shown. Use a 1/2" drive ratchet to rotate tensioner clockwise to install belt. We recommend a 94.5" 6 rib belt. Dayco part # is 5060945. The idler on the power steering is adjustable in the slot. Installing of a new belt the idler will most likely need to be at the top of the slot.



Step 19

Install (302-A) idler pulley nose cover to (740-A) idler with three (S022) 8-32 x .375" shcs.

Step 20

Install (302-A) idler pulley nose cover to (742-A) idler with three (S022) 8-32 x .375" shcs. Now install (759-A) tensioner cover with two (S022) 8-32 x .375" shcs.



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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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- 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.

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