



***Kit 21525 Alt & A/C & P/S***

***Cadillac 472-500***

## 21525 Parts List

### 21521 Main Front Bracket

1-21521-A.....Face Plate  
3-S336.....3/8 x 2" Threaded Studs  
3-S768.....3/4 x 1.850" Lg Threaded Spacer  
1-S248.....3/8-16 x 1" SHCS  
2-S244.....3/8-16 x 3/4" SHCS  
1-S364.....7/16 x 3-1/2" SHCS  
1-TP7-2.700.....Tube Spacer 2.700"  
2-740-A.....Idler Pulley  
2-302-A.....Idler Pulley Cap  
6-S022.....8-32 x 3/8" SHCS  
2-S666.....3/8 Washer  
2-S324.....3/8 x 2-1/4" Hex Head  
1-S276.....3/8 x 4-1/2" SHCS  
2-MM100.....Countersunk Alum. Bushing  
2-S553.....M8-1.25 x 35mm SHCS  
1-S551.....M8-1.25 x 25mm SHCS  
1-TP3-.520.....Tube Spacer .520"  
1-S216.....5/16-18 x 2" Hex Head Bolt  
2-S622.....Nylon Lock Nut

### 21522 Rear Alt. Support Bracket

1-20971-B.....Bracket Body  
1-20971-C.....Tube Spacer w/5/8 Tap  
1-S244.....3/8-16 x 3/4" SHCS  
1-S450.....5/8 Threaded Set Screw  
1-S248.....3/8-16 x 1" SHCS

### 21523-09 Rear A/C Support Bracket

1-30273A-09.....Bracket Body  
1-S248.....3/8-16 x 1" SHCS  
1-S666.....3/8 Washer

### 21524 Power Steering Bracket

1-21524-A.....Front Bracket Body  
2-S550.....M8-1.25 x 20mm SHCS  
1-740-A.....Idler Pulley  
1-302-A.....Idler Pulley Cap  
3-S022.....8-32 x 3/8" SHCS  
1-S666.....3/8 Washer  
1-S324.....3/8-16 x 2-1/4 Hex Head  
1-AC3-.312.....Spacer .312"

### Required Tools And Materials

RVT Silicone	5/16 Allen Driver
Loc-Tite	1/4 Allen Driver
Anti-seize	6mm Allen Driver
Gasket Scraper	5/8 Combo Wrench
3/16 Allen Driver	9/16 Combo Wrench

### 21525-208 Pulley Kit

1-21526-A.....Crank Pulley  
1-21527-A.....Water Pump Pulley  
1-208-A.....Alt. Pulley  
1-307-A.....Alt Pulley Cap  
1-394-A.....A/C Nose Cover  
1-329-A.....W/P Nose Cover  
1-650-A.....PS Pulley  
1-221-A.....Alternator Fan  
7-S144.....5/16-18 x 7/8" SHCS  
3-S028.....8-32 x 1" SHCS  
1-S685.....11/16" Lock Washer  
4-S186.....5/16-24 x 7/8" SHCS  
  
3-S124.....1/4-20 x 3/4" Button Hd  
(or)  
3-S520.....M6-1.0 x 20mm Button Hd

### Accessories

1-P172.....Water Pump  
1-P572.....Chrome Alternator  
1-P412.....Chrome A/C Compressor  
1-P313.....Power Steering Pump  
1-P417.....A/C line Adapter

### BLT-18.5 Belt Tensioner Tool

1-MM101.....Right Hand Rod End  
1-MM102.....Left Hand Rod End  
1-MM107.....18-1/2" Threaded Rod

**MARCH PERFORMANCE**

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

**Photo-1**

Install the Crank pulley ( 21526-A )  
Use four 5/16 x 7/8 SHCS (S144).  
Note: The Crank Pulley hole pattern is  
offset from center, and will only mount  
One Way.



**Photo-2**

Install the WaterPump ( P172 ) use three  
3/8 x 2" Studs (S336) in the shown locations.  
Then secure the pump with three 1.850  
Stainless threaded spacer (S768).



**Photo-3**

Install the WaterPump Pulley (21527-A)  
and Pulley Cap (329-A) use four  
5/16 -24 x 7/8 SHCS (S186).



**Photo-4**

Installing the Main Plate ( 21521-A ). In the upper  
right counterbored hole install a 3/8 x 1" SHCS  
(S248). In the upper left counterbored hole use  
a 7/16-14 x 3-1/2" SHCS (S364). Between the  
block and the main plate use a (TP7-2.700)  
Spacer tube. Mount the two lower Idlers on to  
the main plate, using two 3/8 Washers (S666) and  
two 3/8 x 2-1/4" Hex Bolts (S324).

**Photo-5**

Mount the Rear Alternator Support Bracket (21522) to the lower head bolt using a 3/8 x 3/4" SHCS (S244). Add the provided 5/8 O.D. Threaded Bushing (S450) to the end of the rear support. To get proper alignment with the faceplate, use the provided 3/8 x 4-1/2" SHCS (S276) running it thru the front plate and into the Rear Support as shown.

\*NOTE: Assemble tube spacer (20971-B) and bracket (20971-C) with a 3/8 x 1" SHCS (S248).



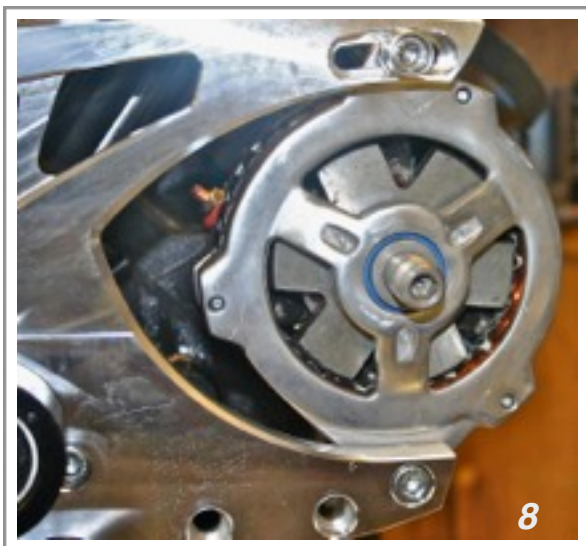
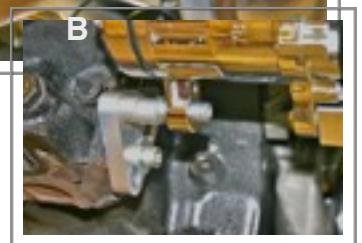
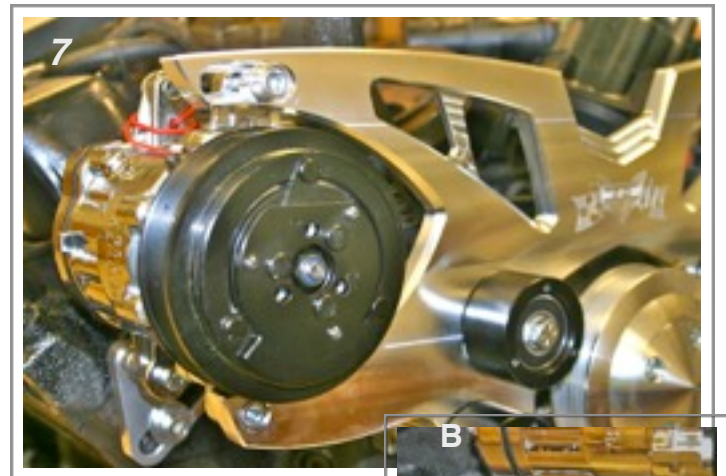
**Photo-6**

Mount the rear A/C Support Bracket (30273-A) to the lower head bolt using a 3/8 x 1" SHCS (S248) and a 3/8 Washer (S666).

Tighten only SNUG at this time, so you can align the rear support with the ear on the A/C.

**Photo-7**

Mounting the A/C unit (P412) in the upper slot use a (MM100) Alum. Countersunk Bushing and a M8 x 35mm SHCS (S553). In the lower hole use a M8 x 25mm SHCS (S551). Photo-B shows tying the rear support, to the A/C unit. Use a (TP3-.520) Spacer and a 5/16 x 2" (S216) SHCS as shown.



**Photo-8**

Mounting the Alternator (P572). In the upper slot use a (MM100) Alum. Countersunk Bushing and a M8 x 30mm SHCS (S553). Remove the 3/8 x 4-1/2" SHCS from the bottom hole and run it thru the Alt. then into the rear support .

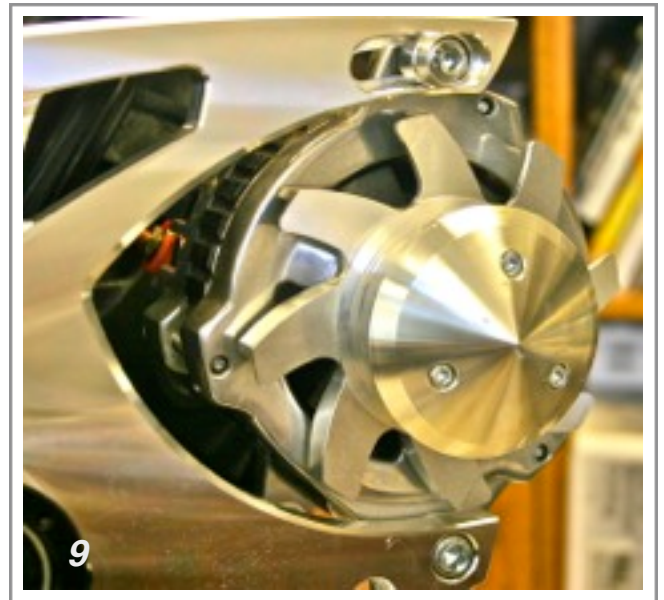
Use the threaded bushing to take up any slack between the alt mounting ear and the rear support.

**Photo-9**

Install the Alt.Fan (221-A) the Alt Pulley (208-A) securing with the supplied Lock Washer (S685). Now add the Alt. Cap (307-A) using three 8/32 x 1" SHCS (S028).

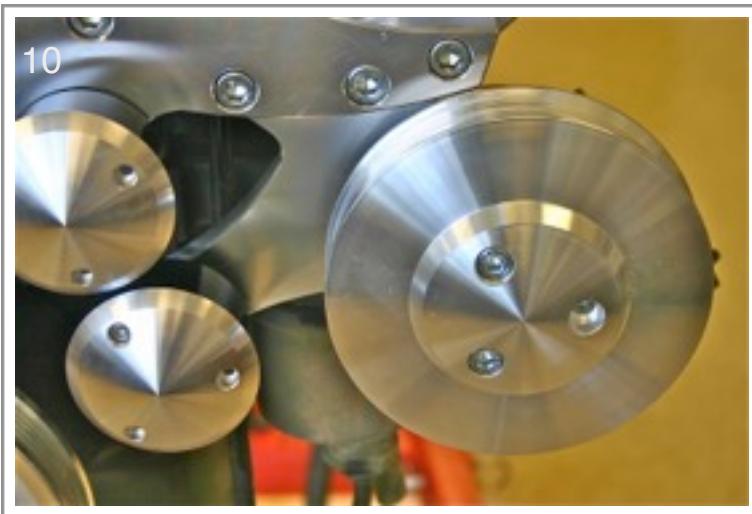
**Note: If NOT using Power Steering Skip Photo 10 and move on to Photo 11.**

**Use supplied 3/8 x 3/4" SHCS (S244) and the Nylon Lock Nut (S622) in the Main Bracket.**



**Photo-10 (Bote for ?it 21525 Only)**

Mount the P/S Bracket (21524-A) to the Main Bracket using two 3/8 x 3/4" SHCS (S244). Install the pump to the power steering bracket with two M8 x 20mm SHCS (S550). Now add the (650-A) P/S Pulley to the hub with three 5/16 x 7/8 SHCS (S144). Now add a (740-A) Idler to the 3/8 tapped hole use a (AC3-.312) Alum. Spacer between the Idler and the Bracket. Secure with a 3/8 Washer (S666) and a 3/8 x 2-1/4" Hex Head (S324).



**Photo-11**

Install the three idler caps (302-A) using three 8-32 x 3/8 SHCS (S022). Then install the belt 85-1/2" by removing the two bolts from the upper slots and tilting the Alt. and A/C inward. Install the belt as shown and re- install the bushings and bolts in the two slots. Also add the A/C Cover (394-A) to the A/C clutch using three 1/4 x 3/4 button heads (S124) or optional Metric Bolts (S520) supplied. Tighten the belt and run for 5 min. Re-check all hardware. NOTE: NON-P/S BELT SIZE IS 74". March Adjustment Tool (BLT-18.5) is used to tighten the belt. Insert over the two threaded bushings, tighten belt then remove till needed again. See photo below.



March (P417) A/C line adapters are included for your A/C unit. Call for optional A/C manifold P418-06.

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.

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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 \*\*