

PONTIAC ALTERNATOR & POWER STEERING KITS



S74LE 7RACK 13145-13150

13146 Main Mounting Bracket 21074 P/S Adapter 1-21074-A..... Adapter Ring 1-13146-A......Main Bracket 2-S244......3/8 x 3/4" SHCS 2-S340.....5/16 x 4" Threaded Studs 1-S312......3/8 x 1" Hex Bolt 2-S770......1.900 long stainless Threaded spacers 2-S666......3/8 SAE Washers 1-BLT-14.75 March Belt Tool 2-S324......3/8 x 2-1/4" Hex Head Bolts 2-740-A.....Idler Pulley 2-302-A.....Idler Pulley Cap 13150-206 Pulley Kit 6-S022.....8/32 x 3/8 SHCS 1-221-A.....Alt. Fan 4-S166......5/16 x 3-1/2" SHCS 1-206-A.....Alt.Pullev 1-TP3-1.890....Tube Spacer 1-306-A..... Alt Pulley Cap 1-TP5-1.825....Tube Spacer 1-629-A.....P/S Pulley 1-TP3-1.450....Tube Spacer 1-360-A.....P/S Pulley Cap 1-TP3-400......Tube Spacer 1-13063-A.....Crank Pulley 1-TP3-.990.....Tube Spacer 1-13062-A.....W/P Pulley 2-S622......3/8 Lock Nut 1-329-A.....W/P pulley Cap 2-MM100......Alum. Counter sunk Bushing 1-S685.....Alt Lock Nut 2-S148......5/16 x 1-1/4" SHCS

3-S028......3/8 x 1" SHCS

4-S144......5/16 x 7/8 SHCS

3-S106......1/4-20 x 1-1/4" SHCS

4-S186......5/16 x 7/8 Fine SHCS

13147 Rear Alternator Support

1-S260......3/8 x 2-1/4" SHCS

1-S268......3/8 x 3-1/4" SHCS

1-S553......M8-1.25 x 35mm SHCS

| 1-1314/A-09. | Rear Alt Suppo | ort Bracket |
|--------------|----------------|-----------------|
| 1-S452 | 5/8 O.D.x .450 | Threaded Spacer |

13148 Rear Power Steering Support

| 1-13148A-09 | Rear P/S Support Bracket |
|-------------|-------------------------------|
| 1-S453 | 5/8 O.D.x.850 Threaded Spacer |

Accessories

With ? it 13045

| 1-P169 | Water Pump |
|--------|-------------------|
| 1-P304 | Chrome P/S Pump |
| 1-P555 | Chrome Alternator |

With ? it 13050

| 1-P169 | Water Pump |
|--------|-----------------------|
| 1-9600 | Billet Power Steering |
| 1-9655 | Billet Alternator |



PHOTO-1

Installing the Water Pump (P169) in the shown locations (C) of the idlers Use two $5/16 \times 4$ " Threaded studs (S340) Then slide the water pump over the studs, now thread the two 1.900 Stainless spacers (S770) onto the studs. Mount the main bracket (13146-A) to the two spacers, use two (740-A) idler pulleys with two 3/8 SAE washers (S666) and two 3/8 x 2-1/4" Hex Bolts (S324) running the bolts thru the idlers then the main bracket.(DO NOT TIGHTEN FULLY). In the lower location (B) use a $5/16 \times 3-1/2$ " SHCS (S166) and a (TP3-1.890) long spacer between the bracket and the water pump. In location (A) use a (TP5-1.825) Spacer tube and a $5/16 \times 3-1/2$ " (S166) SHCS. Use the above photo locations for use in the rest of this installation.

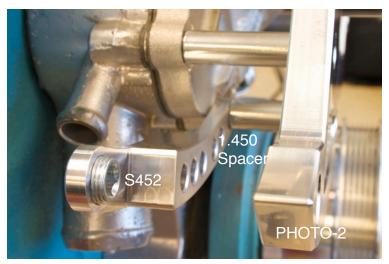
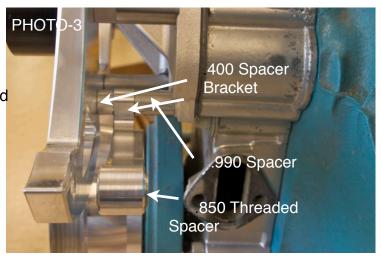


Photo-2

This is a side view of the Rear Alt. Support (13147A-09). Install in bolt hole (D) using a (TP3-1.450) Tube Spacer between the rear support and the main bracket use a 5/16 x 3-1/2" SHCS (S166) Thru the front of the main bracket. Location (D) Also in the rear support thread in a 5/8-18 x .450 long Spacer (S452). in the outer hole of the rear support.

PHOTO-3

This is a side view of the rear Power Steering Support Bracket (13148A-09). (bolt E) using a (TP3-.400) Spacer between the main bracket and the rear support. Then between the rear support and the water pump use a (TP3-.990) Spacer tube. Secure the stack with a 5/16 x 3-1/2" SHCS (S166) thru location (E) then install a 5/8 x .850 long threaded spacer into the rear P/S support (S453) Outer Rear support hole.



РНОТО-4

Install the Alternator (P555) Chrome or (9655) Billet. In the lower mounting hole use a 3/8 x 3-1/4" SHCS (S268) and a 3/8 lock nut (S622) make sure the rear 5/8 bushing is snug to the rear of the Alt. in the upper slot use a (MM100) Alum. Bushing and a 5/16 x 1-1/4" SHCS (S148). Now install the Alt. Fan (221-A) the Alt Pulley (206-A) secure with the (S685) Lock washer then add the Alt. Cap (306-A) use three 8/32 X 1' SHCS (S028) (Note) for Chrome Alt. use the (S553) M8 x 35mm in place of the 5/16 x 1-1/4" SHCS



Photo-5

Mount the P/S pump Adapter Ring. (21074-A) to the Power steering pump (P304) Chrome or (9600) Billet. Use two 3/8 x 3/4 SHCS (S244) in the countersunk holes and one 3/8 x 1" Hex bolt (S312) as shown.





PHOTO-6

Install the P/S Pump. In the lower hole use a $3/8 \times 2$ -1/4" SHCS (S260) and a 3/8 Lock nut (S622). Make sure the 5/8 threaded bushing is tight to the back of the adapter ring. In the upper slot use a (MM100) bushing and a $5/16 \times 1$ -1/4" SHCS (S148). Now install the P/S Pulley (629-A) then add the P/S Cap (360-A) use three 1/4- 20×1 -1/4" SHCS (S106). NOTE: The 9600 Will Contact the 13148A-09 Bracket once installed.

PHOTO-7 Install The Crank Pulley. (13063-A) Use four 5/16 x 7/8 SHCS (S144).



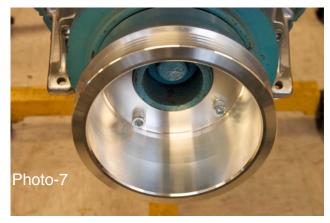


Photo-8

Install The Water Pump Pulley (13062-A) and the Water Pump Cap (329-A) Using four 5/16 x 7/8 Fine Thread SHCS (S186). Install the two idler caps (302-A) to the Idler Pulleys using six 8/32 x 3/8 SHCS (S022)

PHOTO-9

Tilt the Alt. & P/S units inward to install the 65" belt Dayco P.N.5060650 after installing the belt use the March Adjustment tool (BLT-14) by installing it over the two (MM100) Bushings. Turn the center bar out to tighten the belt. Use an allen wrench in the two front holes to tighten the Alt & P/S bolts then REMOVE the BLT-14.75 Tool and Store for future use.



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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.

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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

70% return fee on all repairable product

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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.

| RGA# | CT# | Issued by: | Date | |
|----------------------------|-----|------------|----------|--|
| Purchaser's Name | | | Phone | |
| Address | | | | |
| Purchased Directly Through | | | Invoice# | |
| Product ID | | Invoice D | Date | |
| Reason_ | | | | |