

***PONTIAC ALT & P/S
13105 Alt & Keyway P/S
13110 Alt & Press Fit P/S***

PARTS LIST

50702 Alt & P/S Bracket

- 1- 50702-A.....Alt & P/S Bracket
- 1- 30039A-09.....PS Rear Support Bracket
- 2- TP3-1.100.....Tube Spacer
- 1- 30142-A.....Threaded Spacer 2-1/2"
- 1- S143.....5/16-18 x 5/8" SHCS
- 1- S144.....5/16-18 x 7/8" SHCS
- 1- S150.....5/16-18 x 1-1/2" SHCS
- 1- S158.....5/16-18 x 2-1/2" SHCS
- 1- S160.....5/16-18 x 2-3/4" SHCS
- 1- S622.....3/8 Lock Nut
- 1- 740-A.....Idler Pulley
- 1- 302-A.....Idler Pulley Cover
- 3- S022.....8-32 x 3/8" SHCS
- 2- S666.....3/8 Washer
- 1- S323.....3/8 x 2" Hex Bolt
- 1- S282.....3/8-16 x 6" SHCS
- 1- S450.....5/8 x 1-1/8" Threaded Spacer
- 1- RA-2.500.....Adjustment Rod 2.5"
- 1- 20140-A.....Alt Relocator Bracket
- 1- S144.....5/16-18 x 7/8" SHCS
- 1- S248.....3/8-16 x 1" SHCS
- 1- 21068-A.....PS Relocator Bracket Body
- 2- S244.....3/8-16 x 3/4" SHCS
- 2- S312.....3/8-16 x 1" Hex Bolt
- 1- S453.....5/8 x .850" Threaded Spacer

13070-208 Pulley Kit

- 1- 13071-A.....Crank Pulley
- 1- 13072-A.....Water Pump Pulley
- 1- 221-A.....Alt. Fan
- 1- 208-A.....Alt. Pulley
- 1- 307-A.....Alt. Pulley Cover
- 1- 329-A.....W/P Pulley Cover
- 1- 623-A.....P/S Pulley (Keyway)
- 1- 624-A.....P/S Pulley (Press)
- 3- S028.....8-32 x 1" SHCS
- 1- S685.....Lock Washer
- 8- S186.....5/16-18 x 7/8" SHCS

Belt Size:

- 66" belt for Mechanical Fan
- 69" Belt for Electric Fan

Shown with March Billet Alt. & P/S Units.

Belt Installation: Use the provided Idler Pulley moving it to the upward position when installing the belt.

After installation, slide the idler down to the bottom of the slot and re-tighten.

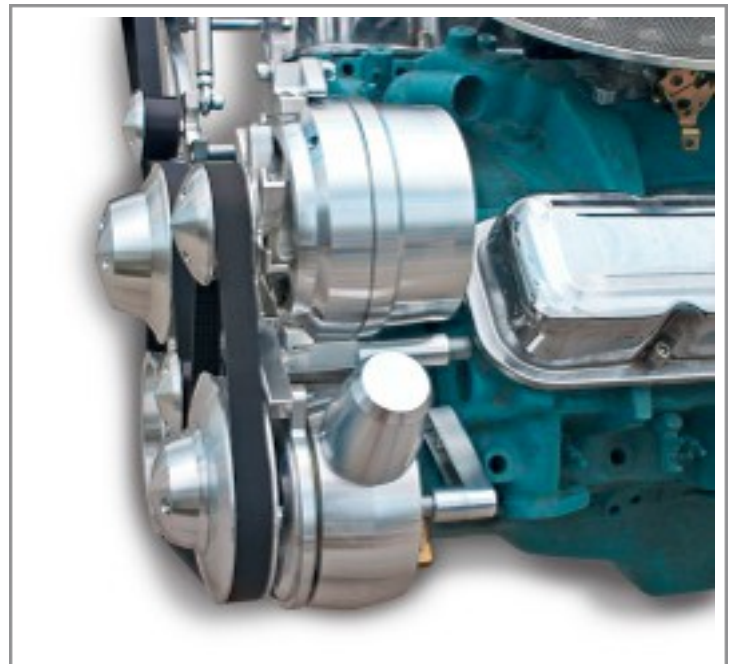


Photo-1

Install the Crank and Water Pump Pulleys (13071-A) and (13072-A). Also install the W/P Nose Cover (329-A) using the eight provided 5/16-24 x 7/8" SHCS (S186).

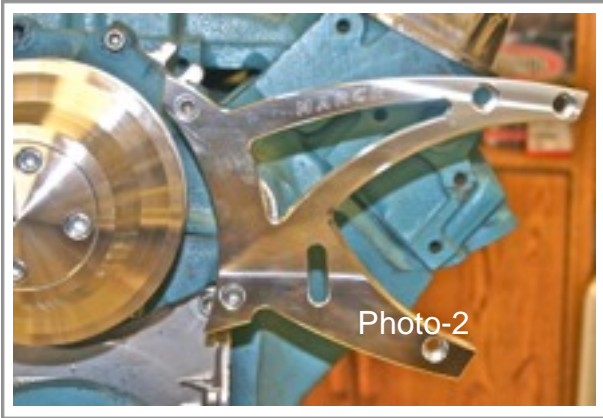
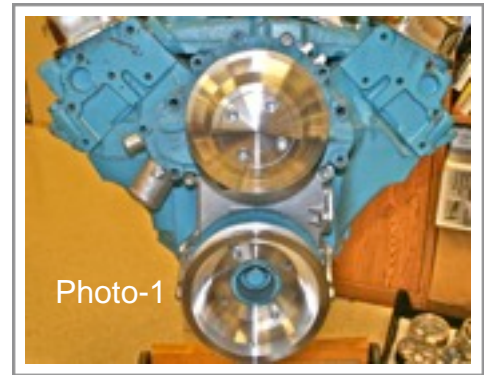


Photo-2

Mount the Alt-P/S Bracket (50702-A) to the Water Pump. In the upper mounting hole use a (TP3-1.100) Spacer Tube and a 5/16 x 2-3/4" SHCS (S160). In the lower hole use a (TP3-1.100) Spacer Tube and a 5/16 x 2-1/2" SHCS (S158). Note: The spacers go between the Water Pump and the Bracket.

Photo-3

Mount the P/S Re-locator Bracket (21068-A) to the P/S Pump as shown. Use two 3/8 x 3/4" SHCS (S244) and one 3/8 x 1" Hex Bolt (S312).



Photo-3B

Mount the (30039A-09) to the head using a 3/8 Washer (S666) and a 3/8 x 1" Hex Bolt (S312). Install the 5/8 Threaded Spacer (S450) into the bracket and secure to the back of the P/S Pump with a 3/8 x 2-3/4" SHCS (S264).

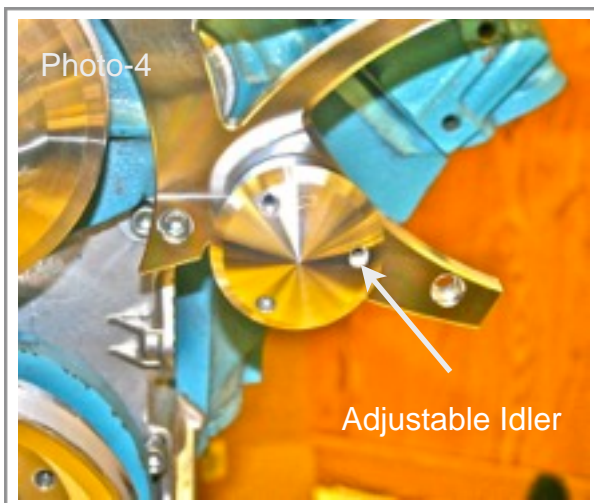
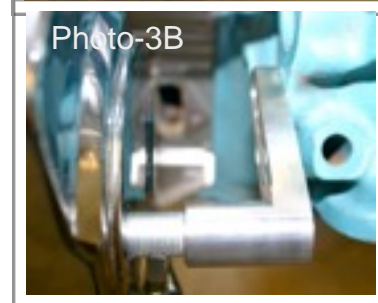


Photo-4

Mount the Idler (740-A) thru the slot of the main bracket. Use the 3/8 x 2" Hex Head (S323), 3/8 Washer (S666), and secure with a 3/8 Lock Nut (S622) on the back side of the Main Bracket, into the counterbored slot. Note: Leave Idler Pulley Cap (302-A) off until belt has been installed.

Photo-5

Mount the Power Steering Pump to the Main Bracket. In the upper hole use a 5/16 x 5/8" SHCS (S143) in the lower hole use a 5/16 x 7/8 SHCS (S144).



Photo-5

Photo-6

Install the Alternator with the 2-1/2" Alum Spacer (30142-A) and the 5/8 x .850 (S453) Threaded Spacer. Thread Spacer into the Tube positioning it behind the Alternator. Insert a 3/8 x 6" SHCS (S282) thru the bracket, alt, tube and then into the head. Use the Threaded Spacer for adjustment. Install Alt Fan (221-A) and Alt Pulley (208-A). Secure with Lock Washer (S685) Install Alt Pulley cover (307-A) with three (S028).

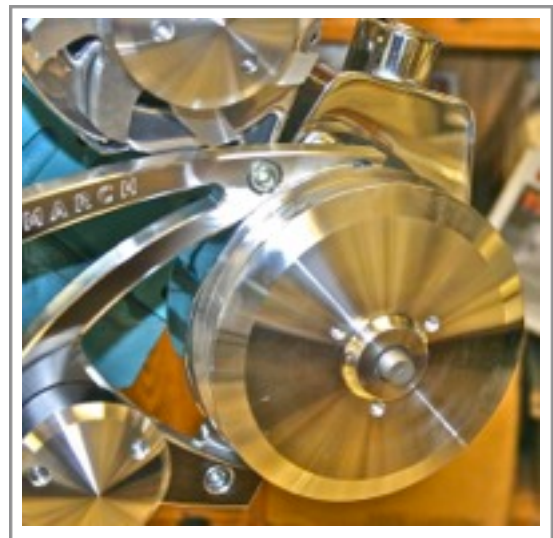


Photo-7

Install the Power Steering Keyway Pulley (623-A) or Press Fit Pulley (624-A). Secure with a Lock Nut.

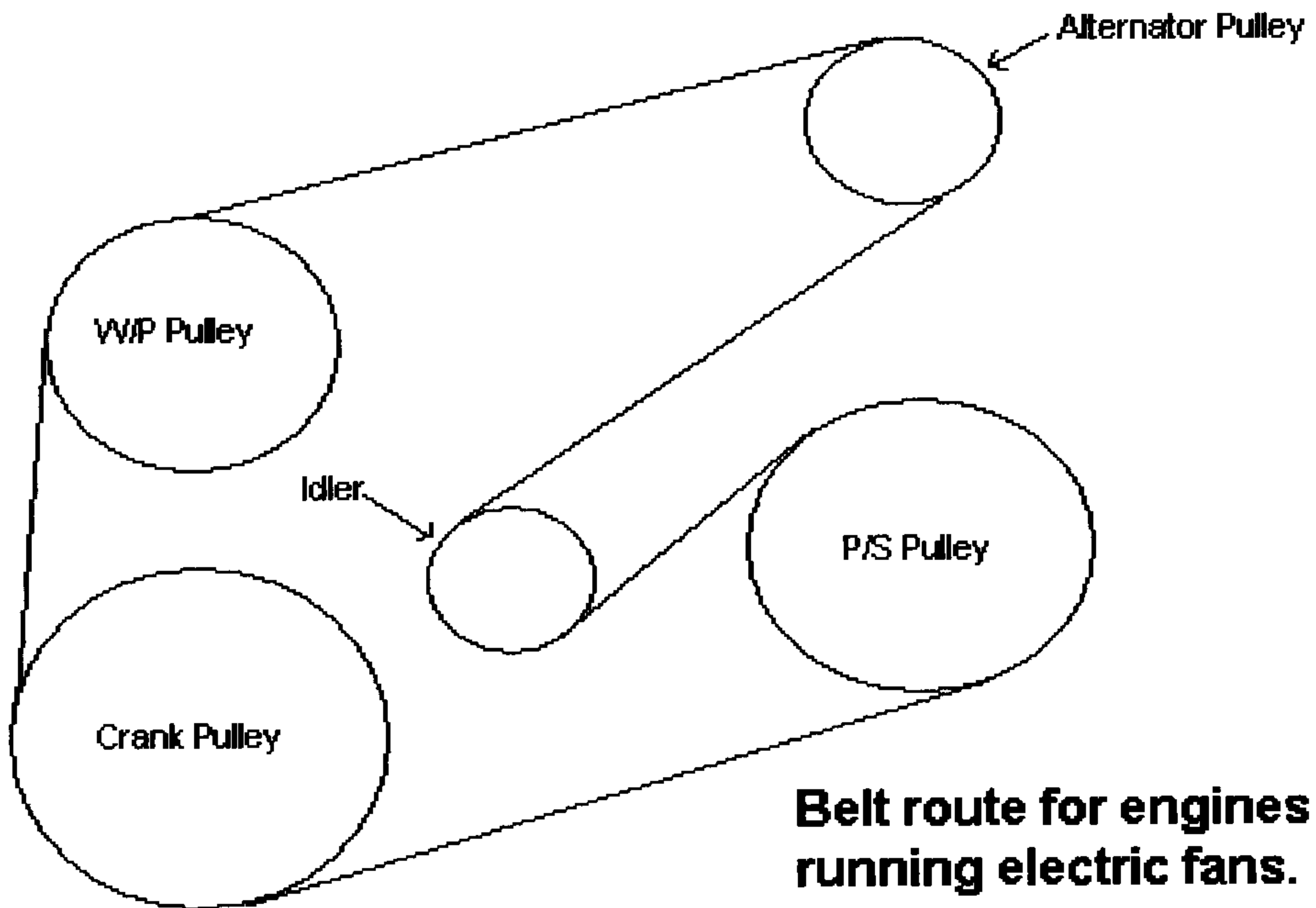
Photo-7



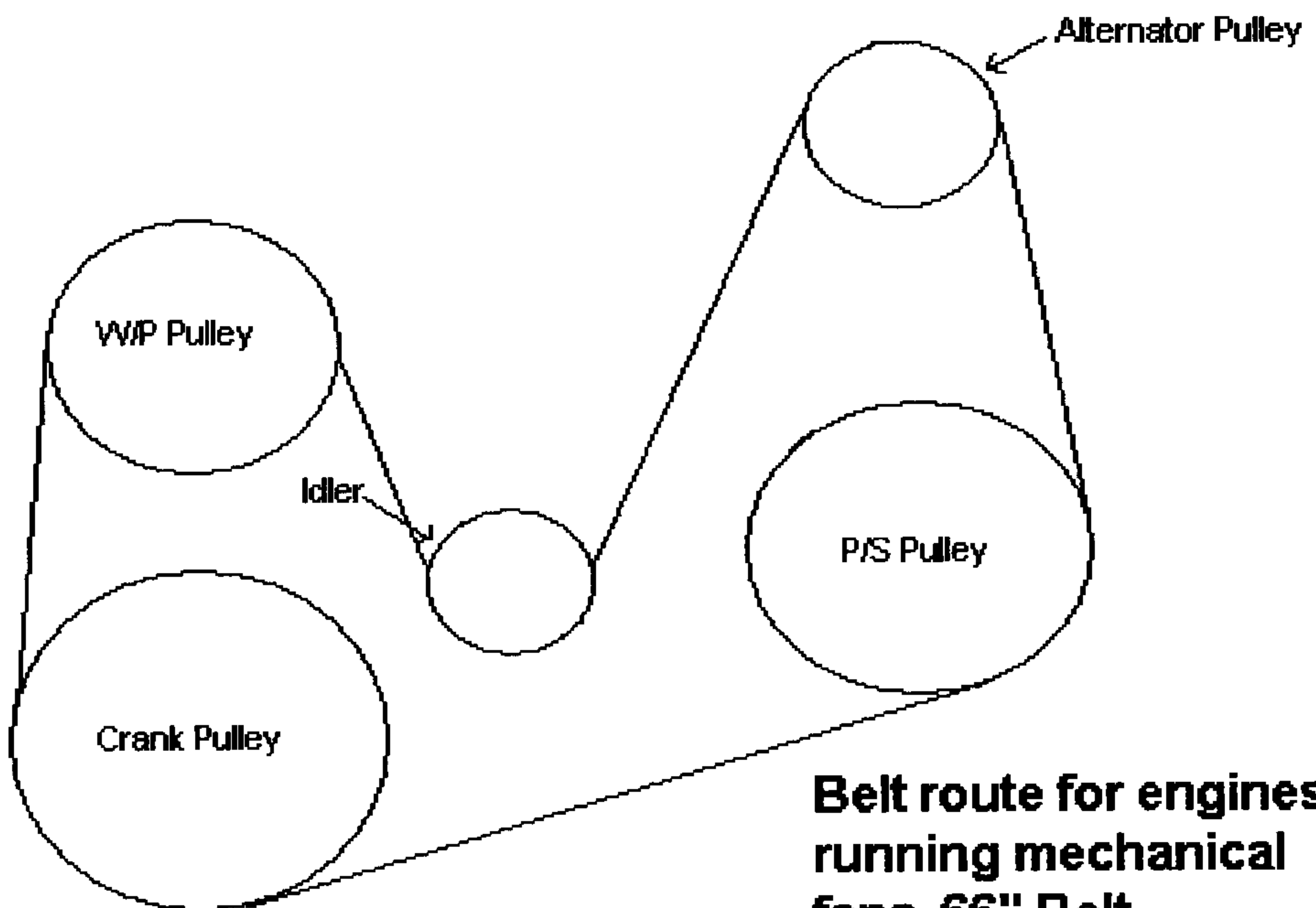
Photo-8

Install Alt Re-locator (20140-A) to the top tang of the Alternator with a 5/16 x 7/8 SHCS (S144). Attach rod end to the threaded side of bracket using 3/8 x 1" SHCS (S248). Attach other rod end to Water Pump with 5/16-18 x 1-1/2" SHCS (S150).

Install the 66" Belt w/mechanical fan, and 69" for electric fan. Use the Adjustment Rod to tighten to 80 Ft. Lbs. or 1/2 a turn until tight.



**Belt route for engines
running electric fans.
69 " Belt**



**Belt route for engines
running mechanical
fans. 66" Belt**