

***13015 - 326-455 Pontiac
Alternator & P/S Kit***

13022 Alternator Bracket

- 1-13023-A Front Main Bracket
- 1-20140-A Alt Re-Locator Bracket
- 1-S144 5/16" x 7/8" SHCS
- 1-S155 5/16" x 2" SHCS
- 2-S166 5/16" x 3-1/2" SHCS
- 1-S248 3/8" x 1" SHCS
- 1-S282 3/8" x 6" SHCS
- 1-TP3-.400 3/8" x .400 Tube Spacer
- 2-TP3-2.050 3/8" x 2.050 Tube Spacer
- 1-TP3-3.250 3/8" x 3.250 Tube Spacer
- 1-RA-1.625 1.625" Adjustment Rod

Pulley Kit 13015-206

- 1-13081-A Crank Pulley
- 1-13082-A Water Pump Pulley
- 1-623-A P/S Pulley
- 1-360-A P/S Pulley Nose Cover
- 1-314-A W/P Pulley Nose Cover
- 1-306-A Alt. Pulley Cover
- 1-221-A Alternator Fan
- 1-206-A Alternator Pulley
- 1-S685 Lock Washer
- 4-S186 5/16" x 7/8" Fine SHCS
- 4-S183 5/16" x 5/8" SHCS
- 4-S144 5/16" x 7/8" Course SHCS
- 3-S106 1/4" x 1-1/4" SHCS
- 3-S028 8-32" x 1" SHC

13022 Power Steering Bracket

- 1-13022-A Front Main Bracket
- 1-13022-B Rear Support Bracket
- 1-20176A-09 Front Lower P/S Bracket
- 1-20176B-09 Rear Lower P/S Bracket
- 2-S150 5/16" x 1-1/2" SHCS
- 1-S155 5/16" x 2" SHCS
- 1-S268 3/8" x 3-1/4" SHCS
- 1-S276 3/8" x 4-1/2" SHCS
- 4-S312 3/8" x 1" Hex Head
- 2-S666 3/8" Flat Washer
- 3-TP3-.150 3/8" x .150 Spacer
- 2-TP3-.750 3/8" x .750 Spacer
- 1-TP3-1.980 3/8" x 1.980" Spacer



***NOTE:** Inspect all items for any imperfections or shortages of items. If any of those instances do come up, please call our tech line that's listed below. If you prefer a color copy of these instructions, please refer to our website listed below and click the instructions tab on your products web page.

PHOTO-1

Install the crank pulley (13081-A). Use four 5/16" x 7/8" SHCS. (S144). ***NOTE:** If running aftermarket balancer four (S186) 5/16" x 7/8" SHCS fine thread bolts may be needed to bolt crank pulley to balancer.

(Included in kit)

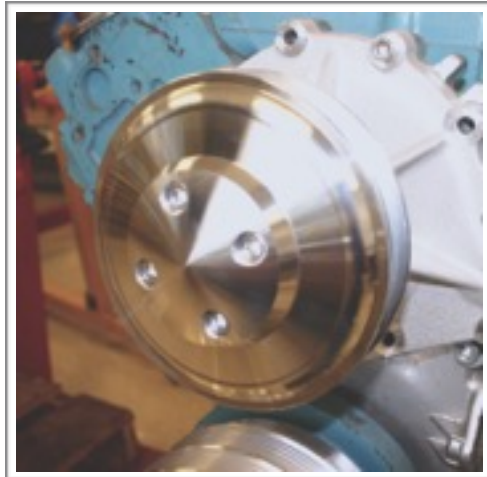
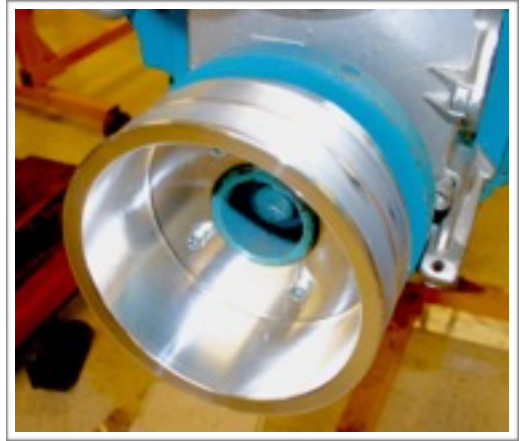


PHOTO-2

Install the water pump pulley (13082-A) And the (314-A) w/p cap using four 5/16" x 5/8" SHCS (S183). ***NOTE:** If using a mechanical fan **DO NOT** install the water pump cap. We **DO NOT** supply bolts for mechanical fans or adapters.

PHOTO-3

Mount the alternator bracket (13023-A) to the water pump, use two (TP3-2.050) Spacer tubes between the water pump and the bracket. Secure with two 5/16" x 3-1/2" SHCS (S166). ***NOTE:** Due the variations of varying boss heights of water pumps, call tech line to help with correct spacers for you pump if needed.



PHOTO-4

Mount the alternator (6 & 12 o'clock GM alternator) to the alternator bracket. Use a (TP3-3.250) Spacer between the alternator ear and the head. Secure with a 3/8 x 6" SHCS (S282). Also mount the alternator fan (221-A) along with the alternator pulley (206-A). Securing with the provided lock washer (S685) and tighten with nut and impact to 90 ft.lbs. Then the alternator nose cover (306-A), secure with three 8-32" x 1" SHCS (S028).

PHOTO-5

Mount the (20140-A) alternator re-locator to the alternator ear with a 5/16 x 7/8 SHCS (S144).



PHOTO-6

Attach the (RA-1.625) adjustment rod to the back side of the alternator re-locator with a 3/8" x 1" SHCS (S248). Then attach the other end to the water pump using a 5/16" x 2" SHCS (S155) with a (TP3-.400) spacer tube between adjustment rod and water pump.

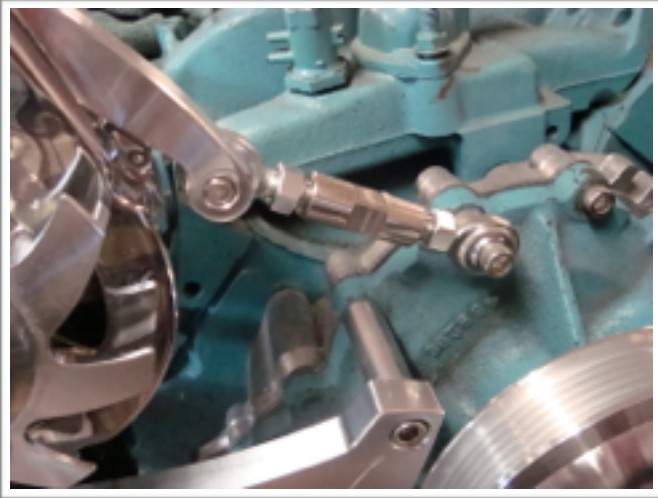


PHOTO-7

Mount the power steering front lower support bracket (20176A-09) to the pump using two (TP3-.150) spacers and two 3/8 x 1" hex bolts (S312). The rear support (20176B-09) mounts with a 3/8" washer (S666) for spacing then the bracket. Secure with a 3/8" x 1" SHCS (S312) as shown.



Front View
(20176A-09)



Rear View
(20176B-09)

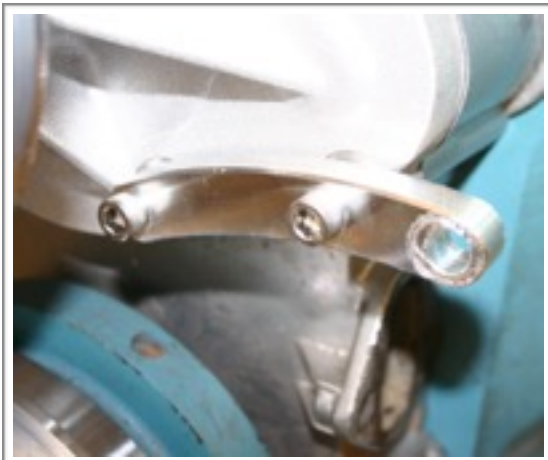


PHOTO-8

Next mount the power steering rear support bracket (13022-B) to the water pump using two 5/16" x 1-1/2" SHCS (S150). ***NOTE:** Due to water pump boss heights variations, spacer (TP3-.150) may be needed to align bracket to front bracket. If others sizes are needed call our tech line.

PHOTO-9

Mount the power steering lower supports to the lower rear bracket on the water pump. Use a 3/8" x 3-1/4" SHCS (S268) and a (TP3-1.980) spacer tube as shown.

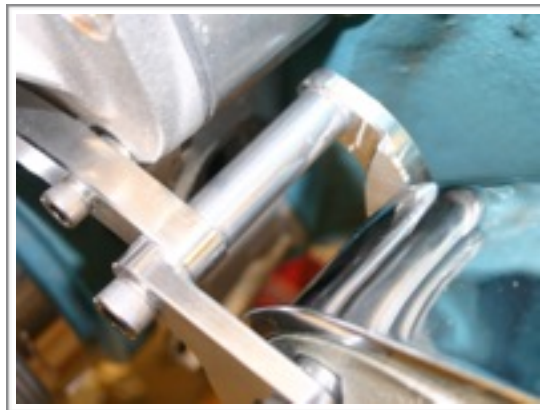


PHOTO-10

Mount the main power steering bracket (13022-A) to the water pump, in the upper hole will use a 5/16" x 2" SHCS (S155), while the lower hole will use a 3/8" x 4-1/2" SHCS (S276). Space the bracket from the water pump with two (TP3-.750) spacer tubes.

PHOTO-15

Now secure the pump and front main bracket using a 3/8 x 1" hex bolt (S312) with a 3/8 washer (S666) running the bolt thru the slot into the upper tapped hole of the power steering pump as shown.

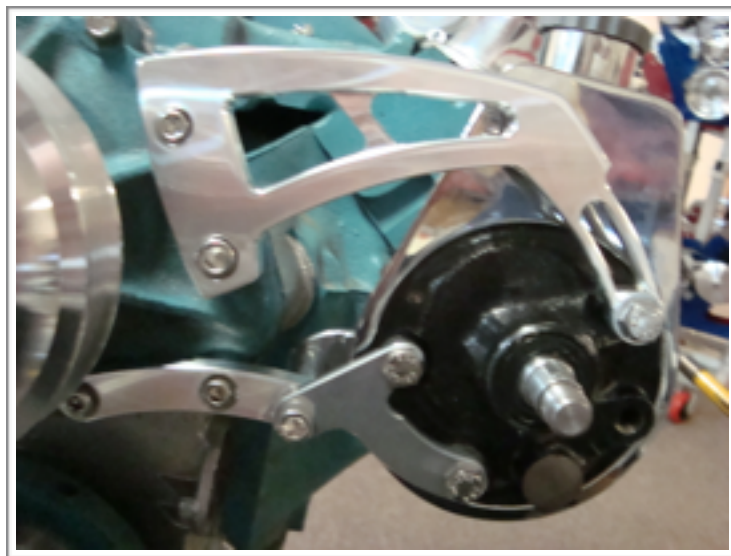
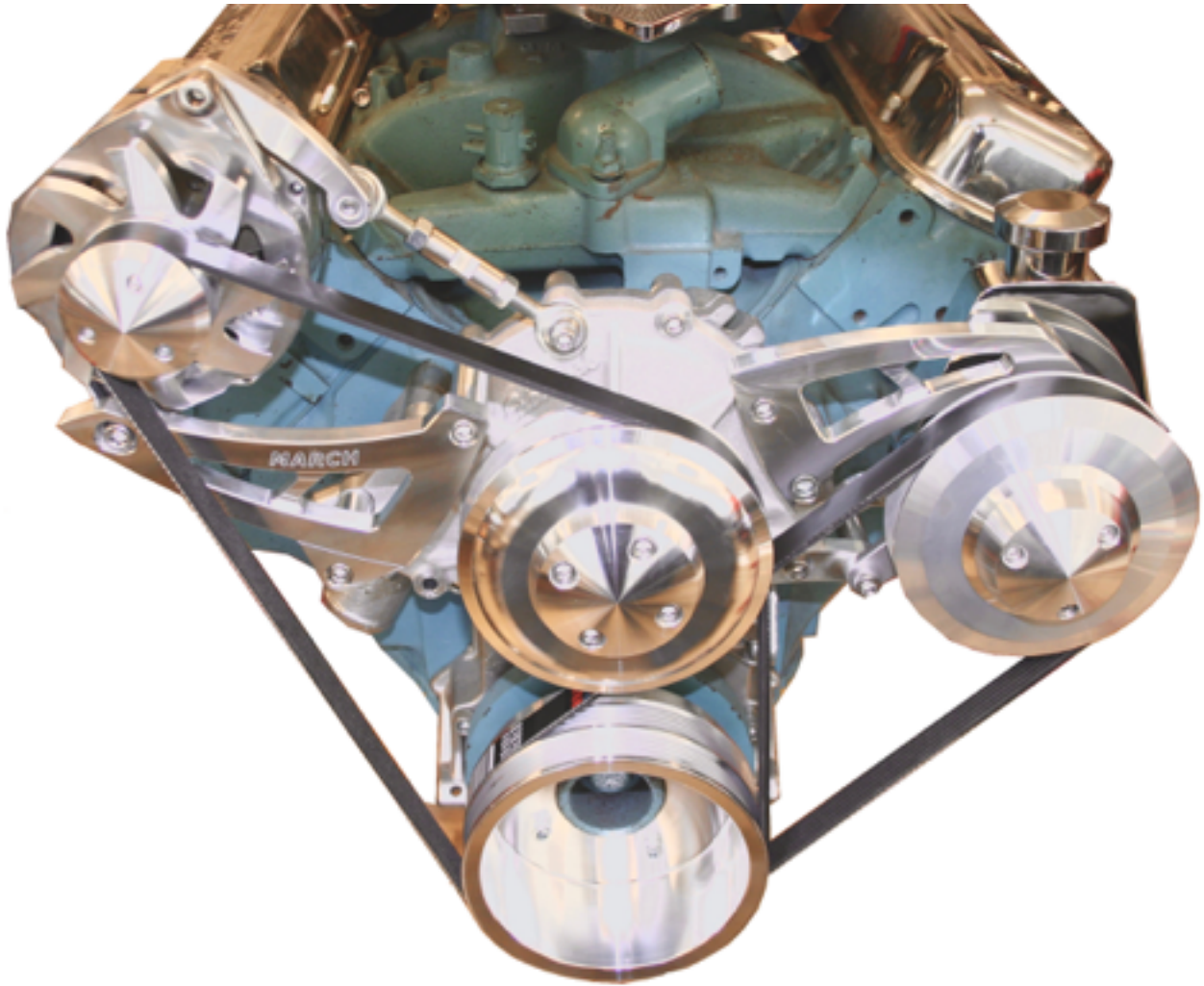


PHOTO-16

Install the power steering pulley (623-A) to the keyed shaft. Secure with the thread lock nut. Then add the (360-A) nose cover using three (S106) 1/4" x 1-1/4" SHCS.

PHOTO-17

First install the power steering belt
42" Dayco (5060420) pulling up on the pump to
tighten. Then add the alternator drive belt 47.5"
Dayco (5060475) use the adjustment rod to tighten
the belt. It may be necessary to remove adjust rod
from water pump, install belt and re-install adjustment
rod and tighten.



**After Installation is complete double check all bolts and belt alignment
Start your vehicle and let it idle check for proper tracking.**