



PERFORMANCE PULLEYS & BRACKETS

***CHEVY BIG BLOCK LONG WATER PUMP
PERFORMANCE BILLET BRACKETS***



***23685-08,-09 ALT/AC Bracket & Pulley Kit
23690-08,-09 ALT/AC/P/S Bracket & Pulley Kit***

Parts List:

Alt & A/C Bracket

1 – 23681-A.....Alternator & AC Brkt
1 – 23681-B.....Alternator Rear Bracket
1 – 20129-B.....A/C Rear Support Brkt
1 – 20140-A.....Alt. Relocation Bracket
1 – S144.....5/16-18 x 7/8” SHCS
3 – S248.....3/8-16 x 1” SHCS
1 – RA-1.625.....Adjustment Rod 1-5/8”
2 – TP7-1.625.....Spacer Tube 1-5/8”
1 – TP7-2.000.....Spacer Tube 2”
1 – TP7-2.750.....Spacer Tube 2-3/4”
1 – S266.....3/8-16 x 3” SHCS
1 – S150.....5/16-18 x 1-1/2” SHCS
1 – S282.....3/8-16 x 6” SHCS
1 – S324.....3/8-16 x 2-1/4” Hex Bolt
2 – S358.....7/16-14 x 2-1/2” SHCS
1 – S376.....7/16-14 x 6” SHCS
2 – S550.....M8-1.25 x 20mm SHCS
1 – S616.....5/16 Lock Nut
1 – P763.....Idler Pulley
1 – S666.....3/8 Washer
2 – S260.....3/8-16 x 2-1/4” SHCS

20151 Power Steering Bracket

1 – 20151-A.....Bracket Body
2 – TP3-1.980.....Spacer Tube 1.980”
2 – S275.....3/8-16 x 4-1/4” SHCS
2 – S312.....3/8-16 x 1” Hex Bolt
1 – 20176-A.....Frt Lower Support Brkt
1 – 20176-B.....Rear Lower Support Brkt
1 – S268.....3/8-16 x 3-1/4” SHCS
2 – S311.....3/8-16 x 3/4” Hex Bolt
6 – S664.....3/8 x 1” Washer
3 – S666.....3/8 x 3/4” Washer

Pulley Kit

1 – 6322-A.....Water Pump Pulley
1 – 7336-A.....Crank Pulley
1 – 208-A.....Alternator Pulley
4 – S183.....5/16-18 x 5/8 SHCS
3 – S248.....3/8-16 x 1” SHCS
1 – 623-A.....Keyway PS Pulley (23690 Kit)

Accessories

P300 Black Power Steering Unit
P425 A/C Unit
P2555-08 Black Alternator
P120 Water Pump
P419 A/C Line Adapter

Note: Kit Color Codes

-08 Black
-09 Silver

Photo-1

Install the Water Pump to the block with gaskets in between the block and the pump. Use two 3/8-16 x 2-1/4" SHCS (S260) to secure the pump on the passenger side. Now install the Alternator Bracket (23681-A) to the two tapped holes in the W/P. In the upper hole use a 3/8 x 1" SHCS (S248). In the lower hole use a (P763) idler and a 3/8 Washer (S666) securing with a 3/8 x 2-1/4" Hex Bolt. (S324) as shown.



Photo-2

Mount the Front Power Steering Bracket (20151A-08). Use two (TP3-1.980) Spacer Tubes and two 3/8 x 4-1/4" SHCS (S275).

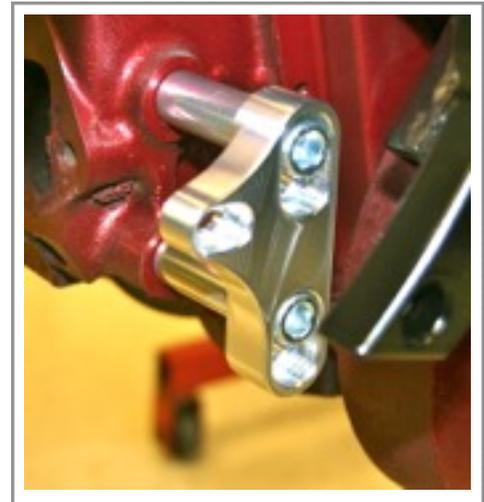


Photo-3

Install the rear A/C Support (20129-B). Use two 7/16 x 2-1/2" SHCS (S358) and shim the bracket from the block using two (TP7-1.625) Spacer Tubes. 1-5/8 Long.

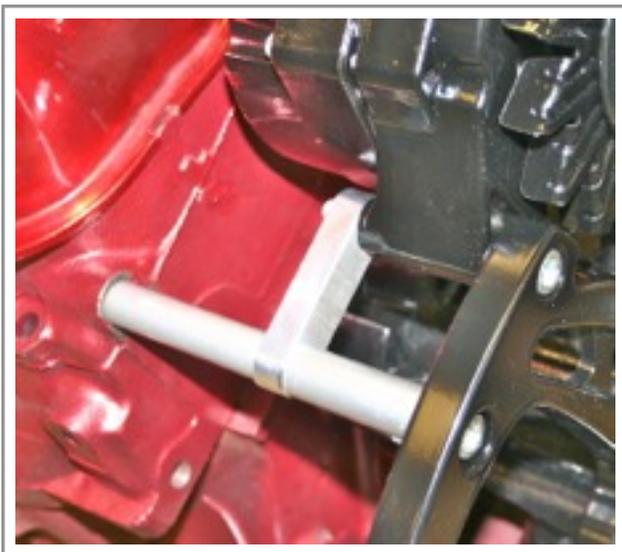


Photo-4

Mount the Alternator (P2555-08). First run the 3/8 x 6" SHCS (S282) or the 7/16 x 6" (S376) thru the bracket. Depending on the tapped hole in the head. Then on the back side of the bracket add a (TP7-2.000) Spacer Tube (2") the use the Alt Rear Support (23681-B) then stack a 2-3/4" Spacer Tube (TP7-2.750) securing to the block as shown.

Now in the upper hole of the Main Bracket use a 3/8 x 3" SHCS (S266) to secure the Alternator threading it into the rear Alt Support as shown.

Photo-5

Mount the Alternator RE-locator (20140A-08) to the top of the Alternator Ear backside with a 5/16 x 7/8" SHCS (S144). Then attach the (RA-1.625) Adjustment Rod to the RE-locator and the Water Pump with two 3/8 x 1" SHCS (S248). Now add the Alt. Pulley (208A-08) using the (S685) Lock Washer.

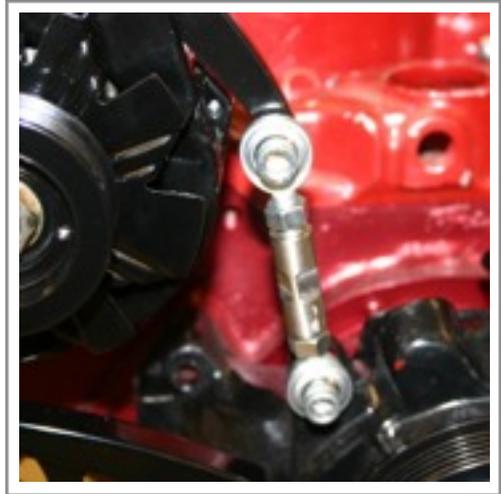


Photo-6

Mount the A/C Unit (P425) to the two lower tangs of the Alternator Bracket using two M8 x 20mm SHCS (S550).

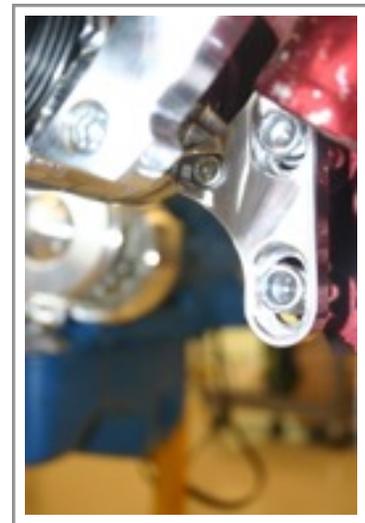


Photo-7

Line up the rear A/C Support Bracket (20129-B) with the rear A/C Ear and secure the two with a 5/16 x 1-1/2" SHSC (S150) and a 5/16 Lock Nut (S616).



Front view



Rear view

Photo-8

Mount the two Power Steering lower brackets (20176-A) on the front of the pump using two 3/8 x 3/4" Hex Bolts (S311). On the rear of the pump mount the (20176-B) using one 3/8 x 1" Hex Bolt (S312) and a 3/8 Washer (S666).

NOTE: If the power steering pump has a stud in the rear it must be removed. Due to variations in the W/P ear thickness more then one (S666) washer may be needed for shimming.



Photo-9

Install the Crank Pulley (7336-A) using three 3/8 x 1" SHCS (S248). Now install the Water Pump Pulley (6322-A) using four 5/16 x 5/8 SHCS (S186).

Photo-9

Mount the Power steering pump to the thru hole on the water pump using a 3/8 x 3-1/4" SHCS (S268). NOTE: Extra Washers are provided due to different heights and locations Of the P/S mounting boss use them as shims as needed to line up your P/S unit with the Crank. Now thru the slot use a 3/8 Washer (S666) and a 3/8 x 1" Hex Bolt (S312).



Photo-10

Install the Power Steering Pulley (623-A) to pump and tighten with supplied Lock Nut.



Photo-12

Install the Power Steering Belt 42-1/2" and tighten the belt using the slot. Now install the Alt & A/C belt 62-1/2" and adjust with the 1-5/8" Adjuster Rod. To install Alt belt, disconnect Adjustment Rod, move Alt inward and install belt. Re-Check all bolts and pulleys and belt alignment before starting.

