OLD’S 455 Alternator & Power Steering
KIT 16065
Instructions
**16017 Alternator Bracket Kit**

1-16016-A Main Bracket
- 1-30024-A........Alt rear support bracket
- 1-30412-A........2-1/2" Alum. Threaded spacer
- 1-S248..........3/8 x 1” SHCS (Assem)
- 1-S312.........3/8 x 1” Hex Bolt
- 1-S453..........5/8 O.D. Threaded Set Screw
- 1-S666........3/8 SAE Washer
- 1-S274.........3/8 x 4” SHCS
- 1-TP3-.650.....Spacer Tube
- 1-TP3-1.250.....Spacer Tube
- 1-TP3-1.330.....Spacer Tube
- 2-S170..........5/16 x 4” SHCS
- 1-RA-1.625.....1-5/8 Adjustment Rod
- 1-20140-A.....Re-locator Bracket
- 1-S144.........5/16 x 7/8 SHCS (for 20140)
- 1-S248.........3/8 x 1” SHCS (for 20140)

16017 Alternator Bracket Kit

**16021 Power Steering Bracket**

1-16021-A Main Bracket Body
- 1-S266..........3/8 x 3” SHCS
- 2-S162..........5/16 x 3” SHCS
- 1-S313..........3/8 x 1-1/4” Hex Bolt
- 4-S666.........3/8 SAE Washer
- 2-TP3-990......Tube Spacer

1-16021-B Lower P/S Bracket
- 1-S313.........3/8 x 1-1/4” Hex Bolt
- 2-S312.........3/8 x 1” Hex Bolt
- 1-TP3-.800.....Spacer Tube
- 1-TP3-.750.....Spacer Tube
- 1-20176-A-09....Front P/S Bracket
- 1-20176-B-09....Rear P/S Bracket
- 2-S311...........3/8 x 3/4 “Hex Bolt

16021 Power Steering Bracket

**16020-208 Pulley Kit**

1-16076-A..........Crank Pulley
- 1-16022-A..........W/P Pulley
- 1-333-A..........W/P Pulley Cap
- 1-208-A...........Alt Pulley
- 1-307-A...........Alt Pulley Cap
- 1-221-A...........Alt Fan
- 1-623-A..........P/S Pulley
- 1-360-A..........P/S Pulley Cap
- 4-S144...........5/16 x 7/8 SHCS
- 4-S186...........5/16-24 x 7/8 SHCS
- 1-S685...............Lock Washer
- 3-S028...............8/32 x 1” SHCS
- 3-S106...............1/4 -20 x 1-1/4

16020-208 Pulley Kit

Installed Alternator Bracket

Installed Alt. & P/S Bracket Kit
Mount the Crank Pulley (16076-A)
Use four 5/16 x 7/8 SHCS (S144)
Then install the Water Pump Pulley (16022-A) with the Water Pump Cap (333-A) using four 5/16-24 x 7/8 SHCS (S186). See Photo-1

**Photo-2**
Install the alternator bracket (16016-A), In the lower mounting hole use a (TP3-1.330) Spacer between the Alternator bracket and the water pump. Mount the bracket with a 5/16 x 4” SHCS (S170). In the upper mounting hole use a TP3-1.250 Spacer tube and the RA-1.625 Adjustment rod then add the TP3-.650 Spacer, (See figure 4). Attach with a 5/16 x 4” SHCS (S170). To install the GM Alternator use a 3/8 x 4”SHCS (S274). First Mount the rear Alt. Support (30024-A) with the (30412-A) Alum. Spacer tube, preassembled with a 3/8 x 1” SHCS (S248) insert the (S453) Threaded Spacer Align the rear support. Use a 3/8 x 1” Hex bolt (S312) and a 3/8 washer (S666) to mount the rear support.

Photo below shows rear Alt. Support Installed
Install the (20140-A) to the Alternator using a 5/16 x 7/8 SHCS (S144) then attach the rod to the re-locator using a 3/8 x 1” SHCS (S248).

Install the Alternator Fan (221-A) the Alt. Pulley (208-A) and the Alt. Cap (307-A) use three 8/32 x 1” SHCS (S028). (NOTE) use the (S685) Self locking nut for the Alt. pulley.

NOTE BELT FOR ALT. IS 45” LONG

Switching to the P/S side, Mount the Lower P/S Bracket (16021-B) to the two lower timing cover holes. In the lower hole use a 3/8 x 1” Hex Bolt (S312) with a 3/8 Washer (S666) in the upper hole use a 3/8 x 1-1/4” Hex Bolt (S313) and a 3/8 Washer (S666). See Photo-5

Mount the front P/S bracket (20176-A) to the P/S Pump, Use two 3/8 x 3/4” Hex Bolts (S311) to the rear side of the pump install the (20176-B) (S shaped Bracket) with the threaded side to the top. se a 3/8 washer (S666) and a 3/8 x 1” hex bolt (S312) between the rear bracket and the pump. install the Washer.

Now Mount the Pump to the Lower Bracket As shown in photo-6, between the front P/S bracket and the lower bracket use a TP3-.750 Spacer between the rear P/S bracket and the lower Bracket use a TP3-.800 Spacer, Use a 3/8 x 3” SHCS (S266) to mount the P/S unit.
PHOTO-7
Use two TP3-.990 Tube Spacers between the Front main P/S bracket (16021-A) and the Water Pump install with two 5/16 x 3” SHCS (S162) to install the bracket.
Thru the Slot of the bracket use a 3/8 x 1-1/4” Hex Bolt (S313) with a 3/8 Washer (S666) As Shown.

PHOTO-8
Mount the Power Steering Pulley (623-A) and add the P/S pulley Cap (360-A) using three 1/4-20 x 1-1/4” SHCS (S106) .
now install the 41” six rib belt and pull up to tighten the belt, lock down the 3/8 hex bolt.
(NOTE) belts should be set at 80 to 100 Lbs, 45 inch Alt belt, 41 inch P/S Belt.

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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.

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20% return fee on all reshelvable 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.

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Purchased Directly Through_________________Invoice#_________________

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Reason_________________

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