

2/25/2015



AMERICAN MOTORS KIT 55100 & 55150

PARTS LIST

55101 Main Bracket

- 1- 55101-A.....Main Bracket Body
- 2- S771.....Threaded Spacer 2"
- 2- S775.....Threaded Spacer 2.720"
- 5- S248.....3/8-16 x 1" SHCS
- 1- 740-A.....Idler Pulley
- 1- 747-A.....Idler Pulley
- 2- 302-A.....P/S Pulley Cap
- 6- S022.....8-32 x 3/8" SHCS
- 4- S666.....3/8 Washer
- 1- S324.....3/8-16 x 2-1/4" Hex Bolt
- 2- S349.....3/8-16 x 5-1/2" Stud
- 2- S350.....3/8-16 x 6" Stud
- 2- S102.....1/4-20 x 3/4" SHCS
- 4- S105.....1/4-20 x 1" SHCS
- 3- S132.....1/4-20 x 2-1/4" SHCS
- 2- S622.....3/8 Lock Nut
- 1- S321.....3/8-16 x 1-3/4" Hex Bolt
- 3- S550.....M8-1.25 x 20mm SHCS
- 1- 713.....Adjustable Idler Assembly

55102 Alternator Rear Support Brkt

- 1- 55102-A.....Main Bracket Body
- 1- S453.....Set Screw .850" lg
- 1- S272.....3/8-16 x 3-3/4" SHCS
- 1- S666.....3/8 Washer
- 1- S622.....3/8 Lock Nut

55103 AC Rear Support Bracket

- 1- 55103-A.....Main Bracket Body
- 1- S450.....Set Screw 1.125" lg
- 1- S158.....5/16-18 x 2-1/2" SHCS
- 2- S660.....5/16 Washer
- 1- S616.....5/16 Lock Nut

55104 Power Steering Bracket (option)

- 1- 55104-A.....Main PS Bracket
- 2- S550.....M8-1.25 x 20mm SHCS
- 1- S324.....3/8-16 x 2-1/4" Hex Bolt
- 1- 746-A.....Idler Pulley
- 1- 302-A.....P/S Pulley Cap
- 3- S022.....8-32 x 3/8" SHCS
- 1- S666.....3/8 Washer
- 2- S244.....3/8-16 x 3/4" SHCS

55100-208 Pulley Kit

- 1- 5501-A.....Crank Pulley
- 1- 5502-A.....Water Pump Pulley
- 1- 208-A.....Alternator Pulley
- 1- 307-A.....Alternator Pulley Cap
- 1- 221-A.....Alternator Fan
- 3- S028.....8-32 x 1" SHCS
- 1- S685.....7/16 Lock Washer
- 1- 330-A.....Water Pump Pulley Cap
- 4- S186.....5/16-24 x 7/8" SHCS
- 4- S248.....3/8-16 x 1" SHCS
- 1- 650-A.....Power Steering Pulley
- 3- S144.....5/16-18 x 7/8" SHCS
- 1- 394-A.....A/C Cover
- 3- S124.....1/4 x 3/4 Button Head (or)
- 3- S520.....M6-1.25 x 20mm Button Hd

Accessories

- 1- P180.....Water Pump
- 1- P572.....Alternator
- 1- P412.....A/C Unit
- 1- P417.....A/C Line Kit
- 1- P314.....P/S Remote (option)

Belt Sizes:

- 75" Alt / AC Only
- 83" Alt / A/C / PS

Photo-1

Install the Water Pump (P180) using four 1/4-20 x 1-1/4" SHCS (S105) and three 1/4-20 x 2-1/4 (S132) SHCS . In the two shown location upper holes insert two 3/8 x 6" Threaded Studs (S350). In the two shown lower holes use two 3/8 x 5-1/2" Threaded Studs (S349).



Photo-2

Install two 2.720 Stainless Spacers to the two lower threaded studs (S775). On the left upper stud slide the A/C Rear Support (55103-A) over the stud and secure with a 2" Stainless Spacer (S771). On the right side, slide the Alt. Rear Support (55102-A) over the stud and secure with a 2" Stainless Spacer (S771). Now in the A/C Rear Support Bracket thread a 5/8 x 1.125 Set Screw (S450). In the Alt. Rear Support thread a 5/8 x .850 long Set Screw (S453) as shown.



Photo-3

Install the Belt Adjustment Bracket (713) to the rear of the Main Bracket using two 1/4-20 x 3/4 SHCS (S102) insert the 1/4-20 screws thru the front of the Main Bracket. Note: The Rear Support installs to the right side of the Main Bracket when looking from the front of the bracket.



Photo-4

Mount the Main Bracket (55101-A) to the three Stainless Spacers using three 3/8-16 x 1" SHCS (S248). Leaving the non counterbored hole open for now.



Photo-5

Install the Water Pump Pulley (5502-A) with the Water Pump Cap (330-A) using four 5/16-24 x 7/8 SHCS (S186). Now install the Crank Pulley (5501-A) using four 3/8 x 1" SHCS (S248).



Photo-6

Mount the Alternator (P572) to the Main Bracket. In the upper hole use a M8 x 20mm SHCS (S550). In the lower hole use a 3/8 x 3-3/4" SHCS (S272) running it thru the rear support using the 5/8 adjuster to take up and gap. Secure with a 3/8 Washer (S666) and 3/8 Lock Nut (S622). Now add the Alt. Fan (221-A) and the Alt. Pulley (208-A) securing with the (S685) Lock Washer using an impact to secure. Now add the (307-A) Alt Cover with three 8-32 x 1" SHCS (S028).

Photo-7

Install the A/C Unit (P412) to the Main Bracket in the face plate using two M8 x 20mm SHCS (S550). Thru the rear support use a 5/16 x 2-1/2" SHCS (S148), two 5/16 Washers (S660), and a 5/16 Lock Nut (S616). Use the 5/8 Adjuster to take up any gap. Now add the A/C Cover (394-A) using three M6 x 20mm Button Heads (S520) Or three 1/4-20 Button Heads. (S124).



Photo-8

Mounting the Power Steering Bracket (55104-A). First mount the pump (P314) to the bracket using two M8 x 20mm SHCS (S550) then attach the bracket to the Main Front Bracket using two 3/8 x 3/4" SHCS (S244). Now mount the P/S Pulley (650-A) using three 5/16 x 7/8 SHCS (S144). Now mount the Idler Pulley to the P/S Bracket (746-A) using a 3/8 x 2-1/4" Hex Bolt (S324) with a 3/8 Washer (S666). Install the Idler Cap (302-A) using three 8-32 x 3/8 SHCS (S022).

Photo-9

Installing the Idler Pulley (747-A) to the belt adjuster (Note this Idler has a larger base on the rear of the pulley). Use a 3/8 Washer (S666) and a 3/8 x 1-3/4" Hex Bolt (S321). Leave the cap off at this time.



Photo-10

Add the Idler Pulley (740-A) to the Main Plate using a 3/8 Washer (S666) and a 3/8 x 2-1/4" Hex Bolt (S324). Install the Idler Cap (302-A) using three 8-32 x 3/8 SHCS (S022).

NOTE:

NON P/S Kit uses two 3/8 washers (S666), two 3/8 x 1" SHCS (S248), and two 3/8 Lock Nuts (S622) in place of P/S Bracket & 75" Belt.



Photo-11

Installing the belt 6 rib 83" long. Make sure the belt Adjustment Idler is in the upward position. Install the 83" belt. Now with the Idler snug, turn the adjuster counter clock wise. Push the idler down putting tension on the belt. When the belt is tight, fully tighten the Idler Pulley, and install the Idler Cap (302-A) using three 8-32 x 3/8 SHCS (S022).

RE-CHECK all bolts run the motor at Idle making sure the belt is running true. Speed up the RPM's before connecting the hot A/C wire. Remove the A/C Unit Cap, and use the provided (P417) A/C Line Adapters. Charge the system.

March Performance Tech Support 1-888-729-9070

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- 1. Use and install the Product only for its intended purpose.
2. To avail yourself of this Limited Warranty, return the Product with a copy of the paid receipt, postage paid to: MARCH PERFORMANCE 16160 PERFORMANCE WAY NAPLES, FL 34110
3. When returning the Product, you must follow the directions set forth on the Warranty/Return Form on the reverse side of this Limited Warranty. If you no longer have the Warranty/Return Form, one may be obtained by contacting March Performance during normal business hours at: (888) 729-9070.
4. Shipping and/or transportation costs returning the Product to March Performance and any damage caused during shipping are your responsibility. March Performance will pay for shipping and/or transportation costs incurred in returning the Product to you.

LIMITED WARRANTY WARRANTY/RETURNS FORM

No product mounted is considered for credit unless it is a manufacturer defect.

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.

All returns must ship via UPS and be properly packaged in the original carton. Return freight charges are the responsibility of the customer unless the product was shipped in error.

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
30% return fee on all repairable product

NO CREDIT WILL BE ISSUED ON RETURNED PRODUCT BEYOND REPAIR

March Performance thoroughly inspects all returns. It is the sole discretion of March Performance in determining the condition of all returned merchandise.

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.

Form fields for RGA#, CT#, Issued by, Date, Purchaser's Name, Phone, Address, Purchased Directly Through, Invoice#, Product ID, Invoice Date, Reason.

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