HIGHLY STYLED, LOW COST SERPENTINE DRIVE
Installation Instructions
Oldsmobile 350 Rocket Serpentine Drive System
Oldsmobile 455 Serpentine Drive System
Kit 16030 Olds 350 Alt.P/S.A/C kit
Kit 16035 Olds 350 Alt.A/C kit
**PARTS LIST**

### 16031 Main Bracket
- 1- 16031-A……..Main Bracket
- 3- S205………...5/16-18 x 2" Threaded Stud
- 3- S772………2.850” Threaded Spacer
- 1- TP3-1.775……..Tube Spacer
- 1- S169………...5/16-18 x 4-1/2" SHCS
- 2- 740-A……..Idler Pulley
- 2- 302-A…….Idler Pulley Cover
- 6- S022……….8-32 x 3/8" SHCS
- 2- S666………..3/8 Washer
- 2- S321………….3/8 x 1-3/4" Hex Bolt
- 2- MM100……..Spacer Bushing
- 2- S553………..M8-1.25 x 35mm SHCS
- 1- S550…………M8-1.25 x 20mm SHCS
- 1- S277…………3/8-16 x 4-1/4" SHCS
- 3- S144……….5/16-18 x 7/8” SHCS
- 2- S244…………3/8 x 3/4" SHCS
- 2- S622………..Nylon Lock Nut

### 16033 Rear A/C Support
- 1- 40432A-09……..Bracket Body
- 1- AC3-1.000……..Aluminum Spacer 1"
- 1- TP5-600……..Spacer Tube .600
- 1- S666………..3/8 Washer
- 1- S217………..5/16-18 x 2-1/4" Hex Bolt
- 1- S323………….3/8-16 x 2" Hex Bolt
- 1- S660…………5/16 Washer
- 1- S616………..5/16 Lock Nut

### 16034 Rear Alt Support
- 1- 21079-A……..Bracket Body
- 1- AC3-1.580……..Aluminum Spacer 1.580"
- 1- S622………..Lock Washer
- 1- S666………..3/8 Washer
- 1- S450………..5/8 O.D. Threaded Spacer
- 1- TP3-.990……..Spacer Tube .990
- 1- S329………..3/8-16 x 3" Hex Bolt

### 16030-206 Pulley Kit
- 1- 16038-A……..Crank Pulley
- 1- 16039-A……..Water Pump Pulley
- 1- 333-A………..W/P Pulley Cover
- 1- 221-A……..Alternator Fan
- 1- 206-A……..Alternator Pulley
- 1- 306-A……..Alt. Pulley Cover
- 1- 650-A……..P/S Pulley (optional)
  - w/ 3 (S144) SHCS
- 1- 394-A……..A/C Cover
- 3- S028……….8-32 x 1” SHCS
- 4- S144…………5/16 x 7/8” SHCS
- 4- S186………..5/16-24 x 7/8” SHCS
- 1- S685………..Lock Washer
- 3- S124………..1/4-20 x 3/4” Button Hd (or)
- 3- S520………..M6 x 20mm Button Hd

### Accessories
- 1- P151………..Water Pump
- 1- P572………..Alternator
- 1- P412………..A/C Compressor
- 1- P314………..P/S Pump
- 1- P417………..A/C Line Ends
- 1- BLT-13………..Adjustment Tool

### 16032 Power Steering Bracket
- 1- 16032-A……..Bracket Body
- 2- S244………..3/8 x 3/4” SHCS
- 1- S666………..3/8 Washer
- 2- S551………..M8-1.25 x 25mm SHCS
- 1- 742-A……..Idler Pulley
- 1- 302-A…….Idler Pulley Cover
- 3- S022……….8-32 x 3/8” SHCS
- 1- S323………..3/8-16 x 2” Hex Bolt

### Belt Sizes
- 16030 Kit 76" Belt
- 16035 Kit 66" Belt

---

**REQUIRED TOOLS & MATERIALS**
- RTV Silicone
- Loc-Tite
- Anti-seize Compound
- Gasket Scraper
- 3/16 Allen Wrench
- 5/16 Allen Wrench
- 6mm Allen Wrench

- 5/8 Combo Wrench
- 9/16 Combo Wrench
- 11/16 Combo Wrench
- 3/4 Combo Wrench
- Socket Wrench & Extension
- 10mm 12 Point Socket
- 12mm 12 Point Socket
Photo-1
Install The Provided Water Pump (P-151)
Use the three Provided 5/16 x 2" Studs (S205) in the Shown locations threading them into the block, slide the water pump over the studs and secure with the three 2.850 long Stainless spacers(S772) As shown.

Photo-2
Mount the Main Face Plate (16031-A) to the Three holes with studs, use three 5/16 x 7/8 SHCS (S144). In the lower Passenger hole between the bracket and the water pump insert a (TP3-1.775) Spacer Tube and use a 5/16 x 4-1/2" SHCS (S169).

Photo-3
Install the Two (740-A) idler Pulleys to the Main Bracket (Note) there are only two of matching height Idlers in the kit, use two 3/8 SAE washers (S666) and two 3/8 x 1-3/4" Hex Bolts (S321) to install the Idlers.

Photo-4
Mount the Rear Alternator Support Bracket (16034). Use a (AC3-1.580) Alum Spacer between the (21079-A) bracket and the block. Mount to the head with a 3/8 x 3" Hex Bolt (S329) and a 3/8 x 3/4" Washer (S666). Install the 5/8 O.D. Threaded Bushing (S450) into the other end of the bracket. Thru the front Main Bracket and into the lower Alternator mounting ear, run a 3/8 x 4-3/4" SHCS (S277), then into the (TP3-.990) Spacer Tube. Use the 5/8 adjuster to take up any slack. Secure on the back side with a 3/8 Lock Nut (S622).
**Photo-5**
Mounting the Rear A/C Support Bracket (40432A-09) using the (AC3-1.000) Spacer between the bracket and the head. Secure to the head with a 3/8 x 2” Hex Bolt (S323) and a 3/8 Washer (S666). Run the 5/16 x 2-1/4” Hex Bolt (S217) thru the rear ear of the A/C Unit and use the (TP5-.600) Spacer between the rear support and the A/C unit secure with a 5/16 Washer (S660) and a 5/16 Lock Nut (S616).

**Photo-6**
NOTE the 350 and the 455 C.I. A/C rear supports
Use the same hardware but mount to different head bolts. The upper photo shows the 455 mounts to the outer hole while the photo to the right shows the 350 mounted to the inner bolt hole.

**Photo-7**
Install the A/C Unit (P412) to the passenger side of the Main Bracket. In the lower mounting hole use a M8 x 20mm SHCS (S550). In the upper slot use a (MM100) Alum. Spacer Bushing and a M8 x 35mm SHCS (S553). NOTE: In the lower hole make sure the 5/8 adjustment bushing (S452) is tight to the rear of the Alt. ear.

**Photo-8**
Mount the Alternator (P572) to the Main Bracket. In the lower mounting hole use a 3/8 x 3-3/4” SHCS (S272). In the upper slot use a (MM100) Alum. Spacer Bushing and a M8 x 35mm SHCS (S553). NOTE: In the lower hole make sure the 5/8 adjustment bushing (S452) is tight to the rear of the Alt. ear.
Mount the Power Steering Bracket (16032-A) to the Power Steering Pump (P314) use two M8 x 25mm SHCS (S551) As shown.

(Note) for non P/S kit 16035 Skip Steps 9 thru 11

Photo-9

Photo-10
Mount the P/S Bracket (16132-A) to the Main Bracket using two 3/8 x 3/4 SHCS (S244).
Now install the last Idler Pulley (742-A) (has longer bushing then the other two idlers) into the tapped hole using a 3/8 SAE Washer (S666) and a 3/8 x 2" Hex Bolt (S323). Add the Idler Cap (302-A) using three 8-32 x 3/8 SHCS (S022).

Photo-11
Mount the Power Steering Pulley (650-A) using three 5/16 x 7/8 SHCS (S144).

Photo-12
Install the Water Pump Pulley (16039-A) and the Water Pump Cap (333-A) using four 5/16-24 x 7/8 SHCS (S186). Now install the Crank Pulley (16038-A) using four 5/16 x 7/8 SHCS (S144). Also install the two remaining idler Caps (302-A) use three each 8-32 x 3/8 SHCS (S022)
Install the Alternator Fan (221-A) then the Alternator Pulley (208-A) use the provided Lock Washer (S685). Now add the Alternator Pulley Cap (307-A) securing with three 8-32 x 1” SHCS (S028).

Photo-14
Remove the two MM100 Bushings and 35mm bolts. Tilt the Alt. and A/C units inward fully install the 76” Belt as Shown, Tilt the Alt. back to center and reinstall the bushing and bolt. Now raise the A/C unit up and reinstall the bushing and Bolt. Use the Provided March Adjustment tool (BLT-13) to tighten the belt. Slide the ends over the two (MM100) bushings and tighten the belt, then use a allen wrench to tighten the bolts. When finished REMOVE the Adjustment tool. Last, Install the A/C Cover (394-A) using three 1/4-20 Button Head Screws (S124) Or M6 x 20mm Button Heads (S520) depending on threads in compressor. If Charging the A/C Unit add the A/C line Adapters (P417). Note: The A/C unit is Pre Oiled.

Belt For Kit 16030 is 76” Long
Belt For Kit 16035 NON P/S is 66” Long
March Performance warrants to the original retail purchaser that for a period of ninety (90) days from the date of purchase, March Performance will repair or replace, at their option, any Product, which is found to be defective in material or workmanship.

Exclusions from Warranty Coverage
March Performance does not warrant any Product that is damaged from abuse, misuse or misapplication or not used for its intended purposes. This Limited Warranty does not cover or apply to any damage or loss sustained to the engine or any other parts which may have been caused by the defective Product and does not cover or apply to any personal injury, labor charges or any other incidental costs for damages caused by the defective Product. THIS IS THE ONLY EXPRESS WARRANTY GIVEN WITH RESPECT TO YOUR PRODUCT. ALL OTHER EXPRESS WARRANTIES, GUARANTEES, OR STATEMENTS REGARDING THE PRODUCT, WHETHER WRITTEN OR VERBAL, ARE HEREBY DEEMED NULL AND VOID AND OF NO EFFECT.
Normal wear and tear and damage to the Product not caused by March Performance are also excluded from this Warranty. 

DISCLAIMER OF OTHER WARRANTIES
EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY WHETHER OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR WARRANTY, SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY WILL LAST SO THAT THE PRECEDING LIMITATION MAY NOT APPLY TO YOU.

Limitation on Remedies
REPAIR OR REPLACEMENT AS PROVIDED IN THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. MARCH PERFORMANCE SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THE PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE PROCEEDING LIMITATION OR EXCLUSIONS MAY NOT APPLY TO YOU. YOU HAVE NO RECOURSE OR REMEDY FOR DAMAGE OR DEFECT CAUSED BY MISUSE, ABUSE OR NEGLIGENCE.
THIS WARRANTY GIVES YOU SPECIFIC RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH MAY VARY FROM STATE TO STATE.

Your Responsibilities:
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
70% 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,
RGA# ____________________ CT# ____________________ Issued by: ____________________ Date ____________________
Purchaser’s Name ____________________ Phone ____________________
Address ____________________
Purchased Directly Through ____________________ Invoice# ____________________
Product ID ____________________ Invoice Date ____________________
Reason ____________________

** MOUNTED PRODUCTS ARE NONREFUNDABLE **