



March Performance Corvette Alt. & P/S Kits

21175- Revolver Chrome Alt. & P/S

21180- Revolver Billet Alt & P/S

21140-Style Track Chrome Alt & P/S Kit

21145- Style Track Billet Alt. & P/S Kit

PARTS LIST

Main Bracket

- 1- 21172-A.....Main Bracket (Revolver)
- 1- 21142-A.....Main Bracket (Style Track)
- 3- 744-A.....Idler Pulley
- 2- 302-A.....Idler Pulley Cover
- 1- 311-A.....Idler Pulley Cover (w/hole)
- 9- S022.....8-32 x 3/8" SHCS
- 2- MM100.....Spacer Bushing
- 2- S146.....5/16-18 x 1" SHCS
- 2- S248.....3/8-16 x 1" SHCS
- 1- S256.....3/8-16 x 2" SHCS
- 1- S278.....3/8-16 x 5" SHCS
- 1- S280.....3/8-16 x 5-1/2" SHCS
- 2- S321.....3/8 x 1-3/4" Hex Bolt
- 3- S339.....3/8-16 x 3" Stud
- 2- S666.....3/8 Washer
- 1- S768.....Threaded Spacer 1.850"
- 2- S785.....Threaded Spacer 3"
- 1- TP3-2.150.....3/8 Tube Spacer 2.150"

21178 Belt Tensioning Bracket

- 1- 21174-A.....Bracket Body
- 1- 21178-C.....Re-Location Bracket
- 2- AC3-.810.....Aluminum Spacer Tube
- 1- RA-1.625.....Adjustment Rod
- 1- 30606-A.....Idler Pulley Body
- 1- S143.....5/16-18 x 5/8" SHCS
- 2- S148.....5/16-18 x 1-1/4" SHCS
- 1- S248.....3/8-16 x 1" SHCS
- 2- S256.....3/8-16 x 2" SHCS
- 1- 750-A.....Idler Pulley Grooved
- 1- 302-A.....Idler Pulley Cover
- 3- S022.....8-32 x 3/8" SHCS
- 1- S666.....3/8 Washer

21143 Alt Rear Support

- 1- 21072-A.....Alt Rear Support Bracket
- 1- TP3-1.730.....Spacer Tube 1.730"
- 1- S280.....3/8-16 x 5-1/2" SHCS
- 1- S450.....Bushing 5/8 OD 1-1/8" lg
- 1- S622.....3/8 Lock Nut
- 2- S675.....Gaskets

21144 P/S Rear Support

- 1- 21073-A.....PS Rear Support Bracket
- 1- TP3-1.100.....Spacer Tube 1.100"
- 1- TP3-2.150.....Spacer Tube 2.150"
- 1- S278.....3/8-16 x 5" SHCS
- 2- S675.....Gaskets

21179 P/S Upper Rear Support Bracket

- 1- 21179-A.....Bracket Body
- 1- AC3-.725.....Aluminum Spacer .725"
- 1- AC3-.312.....Aluminum Spacer .312"
- 1- S324.....3/8-16 x 2-1/4" Hex Bolt
- 1- S321.....3/8-16 x 1-3/4" Hex Bolt
- 2- S666.....3/8 x 3/4" Washer
- 1- S453.....5/8-18 Set Screw

21074 P/S Adapter Ring

- 1- 21074-A.....Adapter Ring
- 2- S244.....3/8-16 x 3/4" SHCS
- 1- S312.....3/8-16 x 1" Hex Bolt

Pulley Kit

- 1- 7611-A.....Crank Pulley
- 1- 6317-A.....Water Pump Pulley
- 1- 333-A.....W/P Pulley Cover
- 1- 359-A.....Crank Adapter
- 1- 221-A.....Alt. Fan
- 1- 206-A.....Alt. Pulley
- 1- 306-A.....Alt. Pulley Cover
- 1- 629-A.....P/S Pulley
- 1- 360-A.....P/S Pulley Cover
- 3- S028.....8-32 x 1" SHCS
- 4 -S186.....5/16-24 x 7/8" SHCS
- 3- S296.....3/8-24 x 1-1/2" SHCS
- 1- S685.....Lock Washer
- 3- S106.....1/4-20 x 1-1/4" SHCS

Accessories

- 1- P204.....Water Pump Aluminum
- 1- P555.....Alternator Chrome
- 1- P304.....P/S Chrome

Billet Option Part Numbers

- 1- 9600..... Billet PS
- 1- 9655.....Billet Alt

Belt Sizes

- 47" Belt
- 37" Belt

Photo 1



Photo-1

Install three 3/8 x 3" Threaded 3" Studs (S339) into the shown locations. Then install two Paper Gaskets (S675) as shown.

Photo-2

Install the Rear Alt Support Ear (21072-A) to the Pass. Side and the Rear P/S Support Bracket (21073-A) to the drivers side. Now insert the threaded 5/8 bushing (S450) into the 5/8 tapped hole of the Alt Support. Then add the last two Paper Gaskets (S675) as shown.



Photo 2

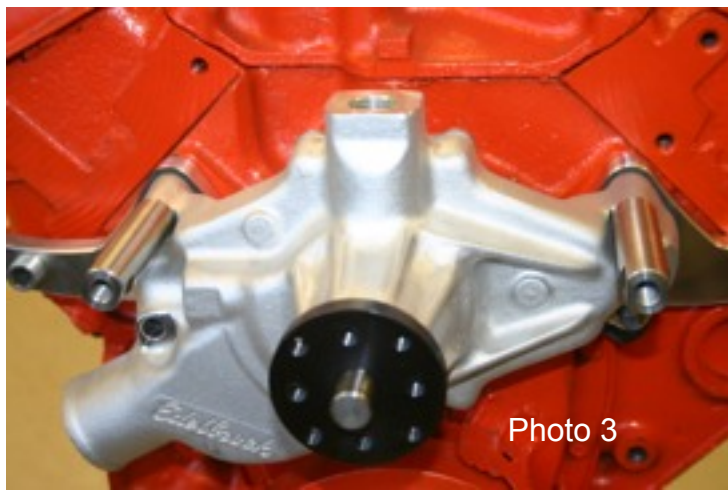


Photo 3

Photo-3

Install the Provided Water Pump (P204) sliding it over the studs. Now secure with two 3" long Stainless Spacers (S785) in the upper Water Pump holes. In the Drivers side lower hole use the 1.850 long Stainless Spacer (S768). Do Not over tighten at this time you may need to align the Rear Supports to line up with the Main Bracket.

Photo-4

Install the Main Face Plate (21172-A) or (21142-A) to the two 3" Stainless Spacers using two 3/8 x 1" SHCS (S248) as shown.



Photo 4

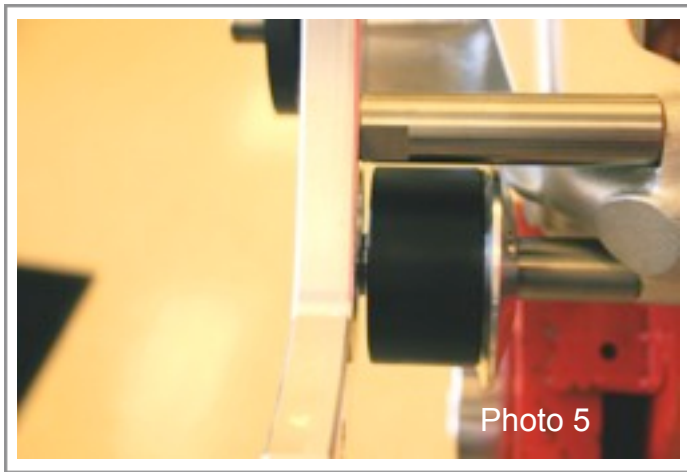


Photo-5

This is a Side View of the drivers side Spacer and Idler in the lower W/P hole. Between the Main Plate and the 1.850 Spacer install the (744-A) Idler Pulley. First install the Idler Cap (311-A) using three 8-32 x 3/8 SHCS (S022). Note: This Idler Cover has the thru hole in it. With the Cap facing the W/P, install the Idler Pulley between the Main Plate and the 1.850 Spacer. Secure with a 3/8 x 2" SHCS (S256) thru the Main Plate.

Photo-6

In the lower Passenger Side W/P hole insert a Spacer Tube (TP3-2.150) between the Main Plate and the Water Pump Boss. Secure with a 3/8 x 5-1/2" SHCS (S280) thru the Main Plate.

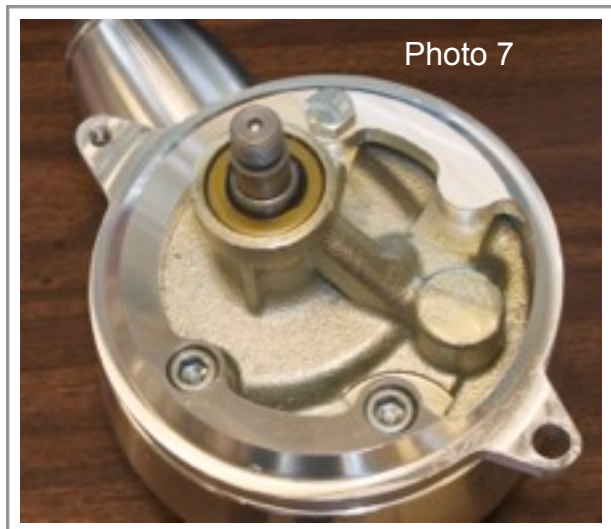
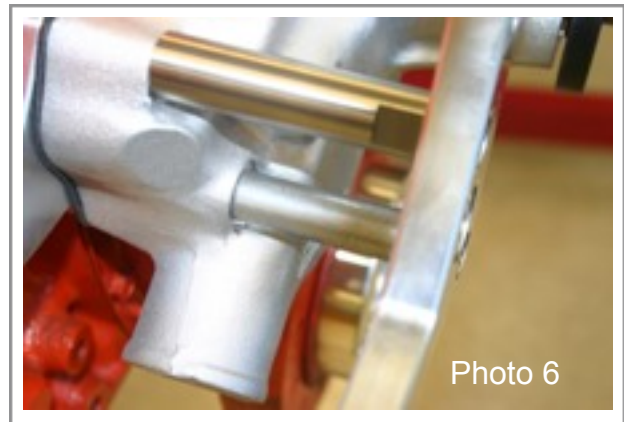
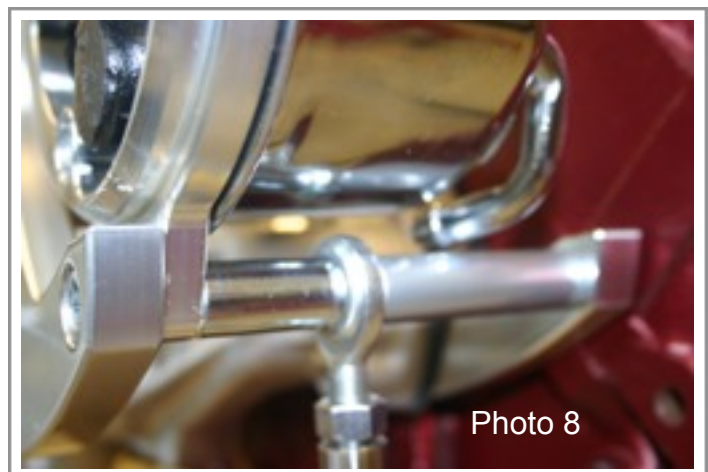


Photo-7

Mount the Power Steering Adapter Ring (21074-A) to the Pump using two 3/8 x 3/4" SHCS (S244) and one 3/8 x 1" Hex Bolt (S312) as shown.

Photo-8

This is a side view of the P/S mounting installation. Behind the P/S Adapter use the Spacer Tube (TP3-1.100). Now insert the Adjustment Rod (RA-1.625), then insert the next Spacer Tube (TP3-2.150). Now run a 3/8 x 5" SHCS (S278) thru the Main Bracket into the two tubes, the adjustment rod, and into the Rear P/S Support as shown.



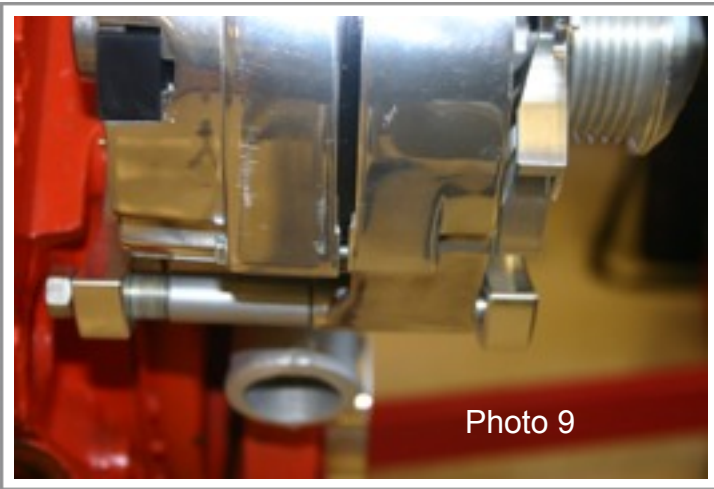


Photo 9

Photo-9

Side view: Installation of the Lower Alt. Thru the Main Face Plate use the 3/8 x 5-1/2" SHCS (S280). Behind the Alt Mounting Ear use the Spacer Tube (TP3-1.730). Use the Adjuster Screw in the rear support to take up any gap. Then secure with a 3/8 Lock Nut (S622).

Photo-10

In the upper slot of the Alternator use a Aluminum Bushing (MM100) and a 5/16 x 1" SHCS (S146). Now add the Alt. Fan (221-A), the Alt pulley (206-A). Secure with the provided Lock Washer (S685) and nut. Now install the Alt Cover (306-A) using three 8-32 x 1" SHCS (S028).



Photo 10

Photo-11

Finish the Power Steering installation: In the Upper slot use the Aluminum Bushing (MM100) and a 5/16 x 1" SHCS (S146). Now install the P/S Pulley (629-A) securing with the locknut then add the P/S Cover (360-A) using three 1/4-20 x 1-1/4" SHCS (S106).

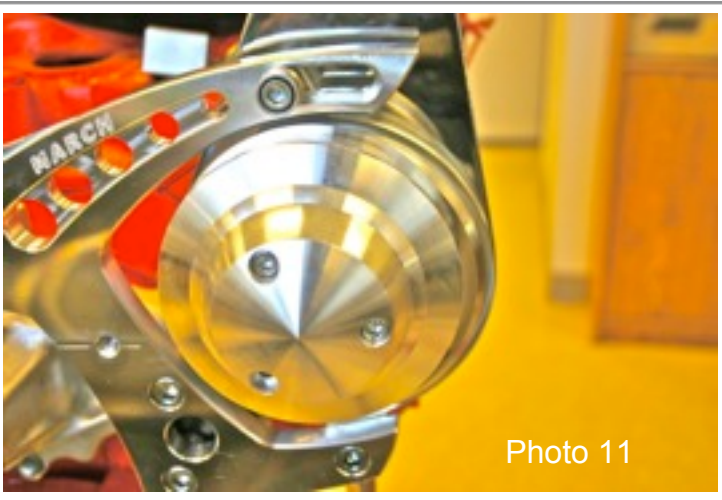


Photo 11

Photo-12

Install the Water Pump Pulley (6317-A) and the W/P Pulley Cover (333-A) using four 5/16 x 7/8 SHCS (S186).

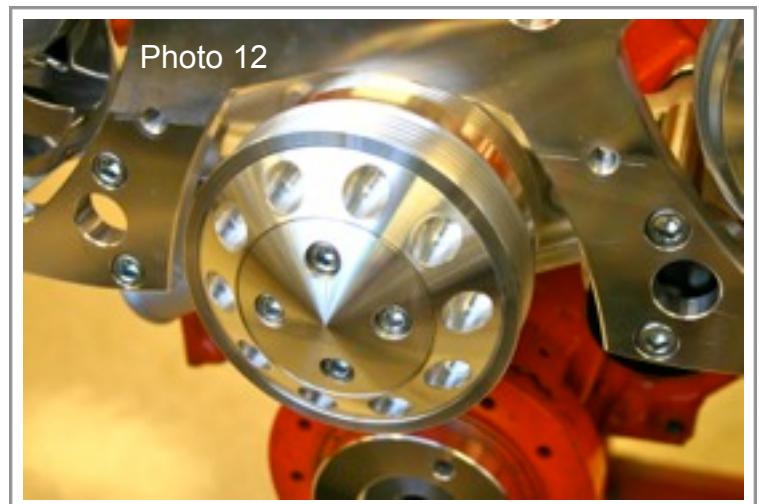


Photo 12

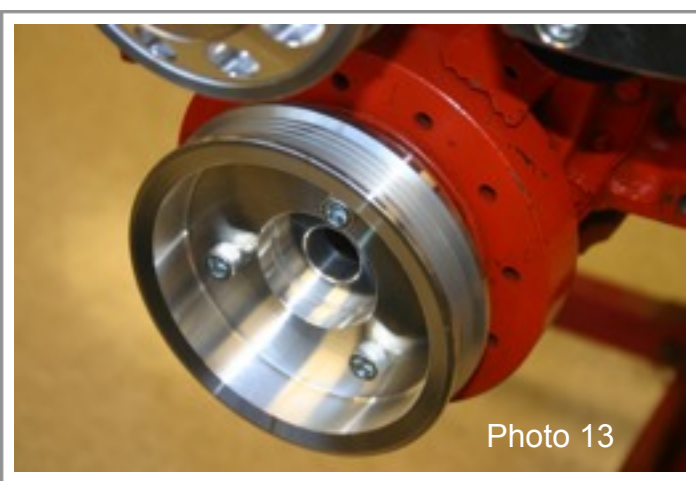


Photo-13

Mount the Crank Spacer (359-A) and Crank Pulley (7611-A) using three 3/8 x 1-1/2" SHCS (S296)

Photo-14

This picture shows the parts of the Belt Adjustment Bracket. Note: The Idler Pulley (750-A) is already pressed on the the Bracket Body (30606-A).

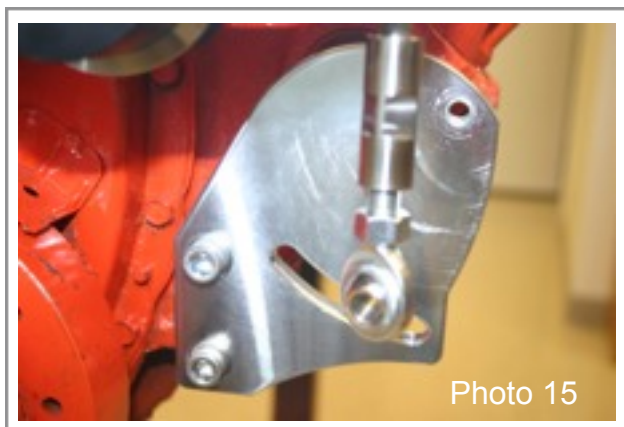


Photo-15

Installing the Base Bracket (21174-A):
Between the bracket and the block use two Alum. Spacers (AC3-.810) then add the bracket and secure with two 3/8 x 2" SHCS (S256).

Photo-16

Mount the Idler Body and Bracket to the Base Bracket.
Note: The re-location bracket (21178-C) mounts above the Idler Body Bracket as shown. Run a 5/16 x 1-1/4" SHCS (S148) thru the upper hole and into the lower hole. Thru the (REAR) slot use the second 5/16 x 1-1/4" SHCS (S148) threading it in to the re-location bracket. Now attach the Adjustment Rod to the outer hole using a 3/8 x 1" SHCS (S248). Now add a 3/8 Washer (S666) and a 5/16 x 5/8 SHCS (S143) to the tapped hole in the center of the Idler. Add the Idler Cap (302-A) with three 8-32 x 3/8 (S022).





Photo-17

Mount the two remaining Idler Pulleys (744-A) to the Face Plate, use two 3/8 Washers (S666) and two 3/8 x 1-3/4" Hex Bolts (S321) then add the two Idler Caps (302-A) using six 8-32 x 3/8 SHCS (S022).

Photo-18

Install the Rear Power Steering Support Bracket (21079-A). Attach the bracket (21079-A) to the inner head bolt with a 3/8 Washer (S666) and a 3/8 x 1-3/4" Hex Bolt (S321). Use a .312 Alum. Spacer (AC3-.312) between the head and the bracket as shown.

Now insert the 5/8 x .850" Set Screw (S453) into the other end of the bracket. Place the Alum. Spacer (AC3-.725) between the P/S Pump and the bracket, and use the Set Screw to take up any gaps. Secure with a 3/8 x 2-1/4" Hex Bolt (S324) and the 3/8 Washer (S666) as shown.

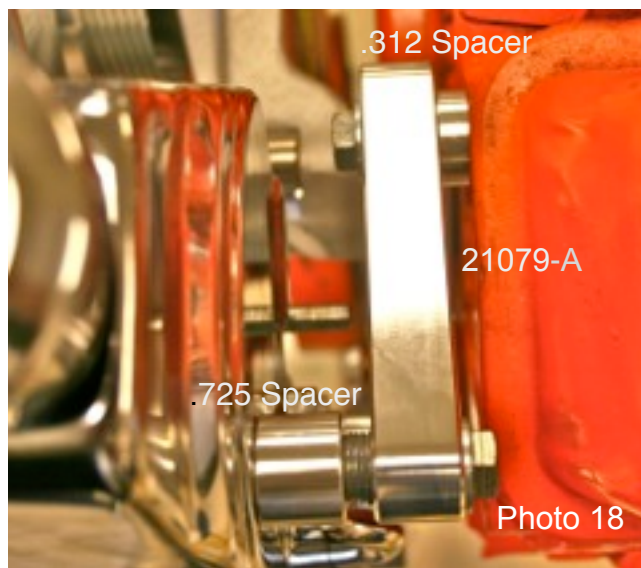
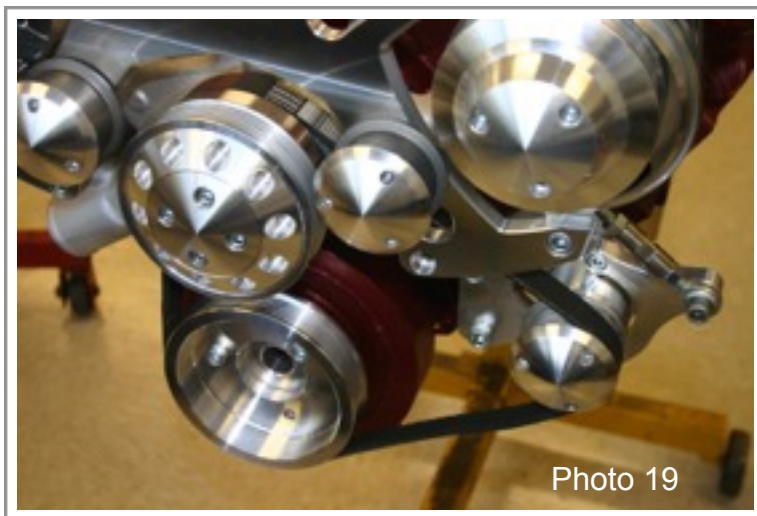


Photo-19

Belt installation. Install the rear Belt 37" over the rear set of serps on the W/P Pulley, then under the Idler, over to the Belt Tensioning Bracket, then under the Crank Pulley. Tighten with the 1.625" Adjustment Rod. Install the Front Belt, 47" as shown in the cover photo. Tilt the P/S and Alt inward, (remove one of the MM100 bushings and bolts if necessary). Install the belt and tighten with the provided (BLT-12) March Tool. Remove the tool for Future use.



MOTOR START UP INSTRUCTIONS

Re-Check All Installed Bolts, and start the motor checking for coolant leaks and proper belt alignment. Make sure and properly bleed you power steering unit. Check for any signs of unusual belt wear or belt squeal. Belt squeal is caused by improper alignment or in proper belt tensioning

LIMITED WARRANTY

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 OF CONSEQUENTIAL DAMAGES SO THE PROCEEDING LIMITATIO 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
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.

RGA# CT# Issued by: Date

Purchaser's Name Phone

Address

Purchased Directly Through Invoice#

Product ID Invoice Date

Reason

** MOUNTED PRODUCTS ARE NONREFUNDABLE **