

Style **TRACK**



Highly Styled, Low Cost Serpentine Drive

Installation Instructions

Chrysler 318, 340 and 360

Kit #40430 (without Power Steering) 66.5" Belt

Kit #40440 (with Remote Power Steering) 81.5" Belt

Kit #40445 (with Saginaw Power Steering) 79.5" Belt



Included Parts List

Main Front Bracket P/N 40431

- 1 40431-A Main Front Bracket Body
- 2 740-A Idlers Body
- 2 744-A Idlers Body
- 4 302-A Idler Caps
- 3 TP3-1.400 Tube Spacer 3/8" id x 1.400" Lg
- 1 TP3-1.450 .. Tube Spacer 3/8" id x 1.450" Lg
- 2 MM100 Bolt Adjustment Bushings
- 12 S022 8/32 x 3/8" SHCS
- 2 S248 3/8" x 1" SHCS
- 1 S250 3/8" x 1 1/2" SHCS
- 2 S260 3/8" x 2 1/4" SHCS
- 4 S284 3/8" x 6 1/2" SHCS
- 4 S323 3/8" x 2" Hex Head Bolt
- 1 S550 M8 x 20mm Metric SHCS
- 2 S553 M8 x 35mm Metric SHCS
- 2 S620 3/8" Nut
- 1 S771 3/4" od x 2" Lg Threaded Stainless Spacer
- 1 S551 M8 x 25mm SHCS

A/C Rear Support Bracket P/N 40432

- 1 40432-A A/C Rear Support Bracket Body
- 1 S148 5/16" x 1 1/4" SHCS
- 1 S211 5/16" x 3/4" Flat Head SHCS
- 1 S248 3/8" x 1" SHCS
- 1 S666 3/8" Flat Washer
- 1 S769 5/16" x 2.150" Threaded Stainless Spacer

Alternator Rear Support Bracket P/N 40433

- 1 40433-A Alt. Rear Support Bracket Body
- 1 S248 3/8" x 1" SHCS
- 1 S274 3/8" x 4" SHCS
- 1 S453 5/8" x .850" Set Screw
- 1 S620 3/8" Nut
- 1 S666 3/8" Flat Washer
- 1 S771 3/4" od x 2" Lg Threaded Spacer

Power Steering (Remote) Bracket P/N 40434

For Kit # 40440 Only

- 1 13134-A P/S (Remote) Bracket Body
- 2 S248 3/8" x 1" SHCS
- 3 S551 M8 x 25mm SHCS

Power Steering (Saganaw) Bracket P/N 40435

For Kit # 40445 Only

- 1 40435-A Power Steering Front Bracket Body

- 1 40435-B..... Power Steering Rear Bracket Body
- 1 20117-C Power Steering Bracket Spacer
- 1 TP3-.150 3/8" Id x .150 Lg Tube Spacer
- 1 S244 3/8" x 3/4" SHCS
- 1 S250 3/8" x 1 1/4" SHCS
- 2 S275 3/8" x 4-1/4" SHCS
- 1 S312 3/8" x 1" Hex Head Bolt

Adjustment Tool P/N BLT-12

- 1 MM101 RH Rod End
- 1 MM102 LH Rod End
- 1 MM103 12" Threaded Rod

Pulley Kit P/N 10355-208

- 1 10321-A Crank Shaft Pulley Body
- 1 10323-A Water Pump Pulley Body
- 1 208-A Alt Pulley Body
- 1 307-A Alt Pulley Cap Body
- 1 221-A Alt Fan
- 1 327-A Water Pump Pulley Cap
- 1 394-A A/C Cover
- 3 S028 8/32 x 1" SHCS
- 10 S144 5/16" x 7/8" SHCS
- 3 S520 M6 x 20mm Button Head Bolts
- 1 S685 Lock Washer

Power Steering Pulley Saginaw P/N 535

For Kit # 40445 Only

- 1 535-A Power Steering Pulley (Keyed)
- 1 302-A Cap
- 3 S022 8-32 x 3/8" SHCS

Power Steering Pulley Remote P/N 650

For Kit # 40440 Only

- 1 600-A Power Steering Pulley Hub
- 1 650-A Power Steering Pulley
- 3 S144 5/16" x 7/8" SHCS

Accessories

- 1 P171..... Alum Water Pump
- 1 P412..... Sanden A/C Compressor Chrome
- 1 P572..... Alternator 105 Amps Chrome
- 1 P417..... A/C Line Kit
- 1 P315..... Remote Power Steering Pump
For Kit # 40440 Only
- 1 P304..... Saganaw Style Power Steering Pump
Chrome For Kit # 40445 Only

Required Tools and Materials

- | | | |
|------------------------------------|------------------------|---------------------------|
| RTV Silicone | 1/4" Allen Head Driver | 3/4" Combo Wrench |
| Loc-Tite® Thread Locker | 6mm Allen Head Driver | Socket Wrench & Extension |
| Gasket Scraper, Steel Wool or | 5/8" Combo Wrench | 10mm 12pt. socket |
| Sandpaper to clean gasket surfaces | 9/16" Combo Wrench | 12mm 12pt. socket |
| 3/16" Allen Head Driver | 1 1/16" Combo Wrench | |
| 5/16" Allen Head Driver | | |



Tech Support 1-888-729-9070

Preparing to Install

- Disconnect the battery to prevent accidental engagement of starter motor.
- Drain coolant from system
- If your A/C is intact and charged it must be evacuated. This is best done by a professional garage with proper recycling equipment
- Remove the existing alternator, air conditioning compressor and associated brackets.
- Remove all pulleys and water pump.
- Remove all traces of old gasket and sealer with gasket scraper and steel wool pad.
- Clean threads in block by chasing with appropriate thread chasers.

Installing the Kit

Photo-1: Make sure the water pump mounting surfaces are clean and free of old gasket material. Using silicon sealer and new gaskets install the Water Pump (P171) to the block using (2) $\frac{3}{8}$ x $2\frac{1}{4}$ " SHCS (S260) in the two lower water pump holes and one $\frac{3}{8}$ x $1\frac{1}{2}$ " SHCS (S250) in the upper center hole.



For Kits 40440 with Remote Power Steering Option

Photo 3 Mount Remote pump (P315) to the Power Steering Bracket (13134-A) with (3) M8x1.25 x 25mm SHCS (S551). Mount the Power Steering Bracket / Pump assembly to the backside of the Front Main Bracket using (2) $\frac{3}{8}$ x 1" SHCS (S248) through Main Bracket, Power Steering Bracket and into the 2" Stainless Steel spacer (S771).

Photo 3a For kits without power steering or kit #40445 with Saginaw pump Mount the (S771) into the main bracket lower Drivers side Center hole with a (1) $\frac{3}{8}$ x 1" SHCS (S248) as shown. use (1) $\frac{3}{8}$ x 1" SHCS (S248) and secure with $\frac{3}{8}$ " x 16 nuts (S620) to fill in lower hole.

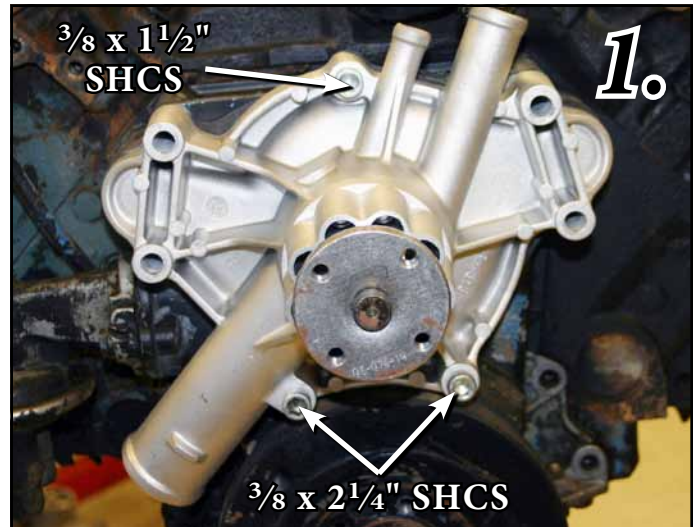
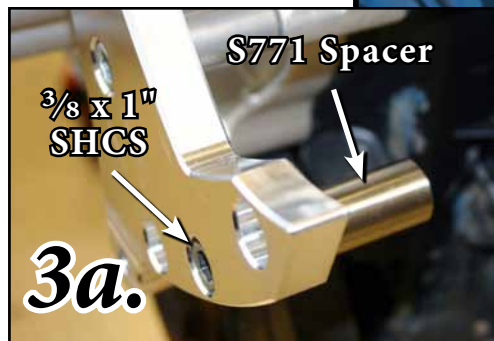


Photo-2: Mount the Main Plate (40431-A) to the water pump using (4) $\frac{3}{8}$ x $6\frac{1}{2}$ " SHCS (S284) and (3) TP3-1.400 Spacers between bracket and pump, use two of the spacers in the passenger side and one on the drivers side upper mounting hole. In the drivers side lower mounting hole use (1) TP3-1.450 Spacer.

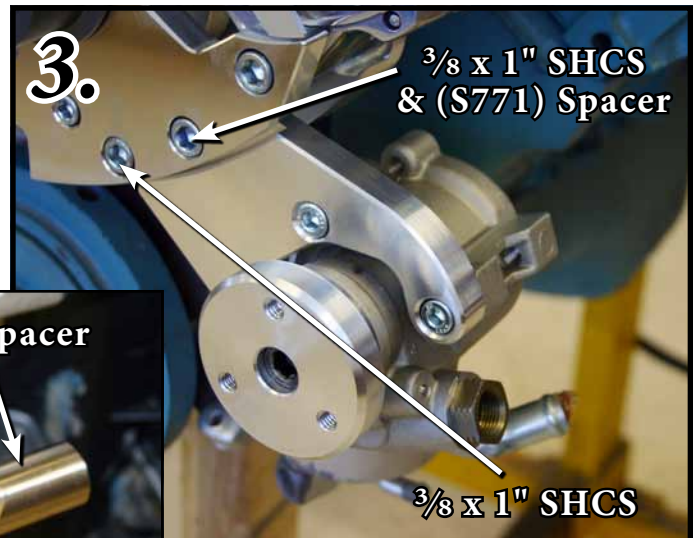
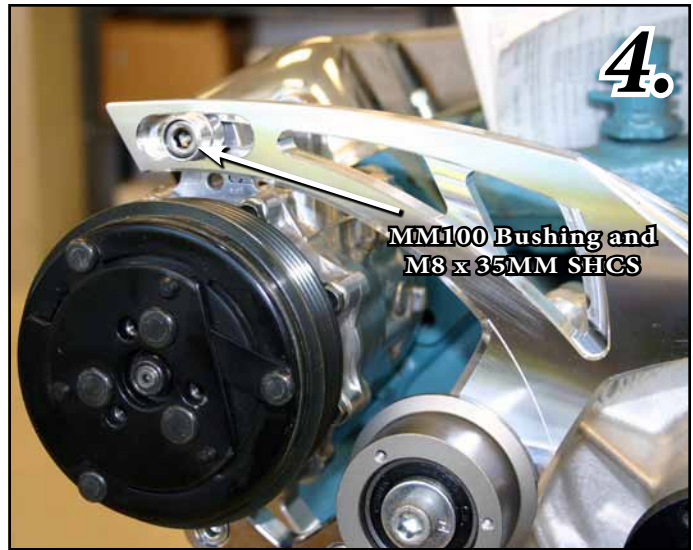


Photo-4 Install the A/C Unit (P412) to the Main Bracket Plate. Use (1) M8 x 25mm SHCS (S551) in the bottom front ear and (1) M8 x 35mm (S553) in the top counter sunk Slot along with the Countersunk Aluminum Bushing (MM100) as shown (do not tighten at this time).



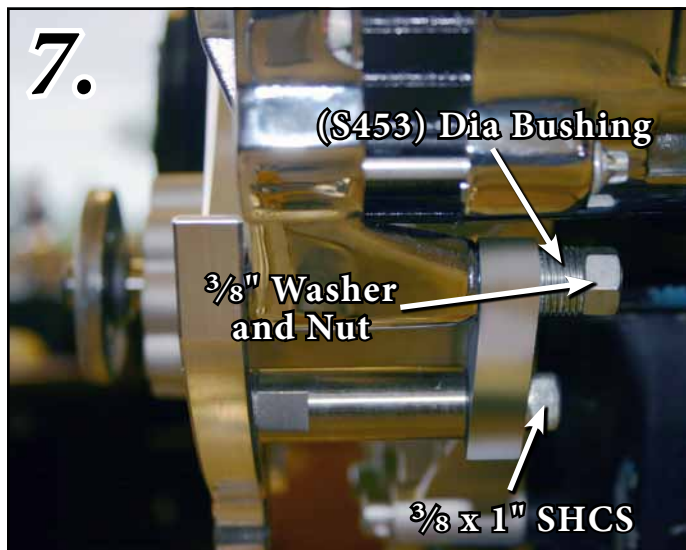
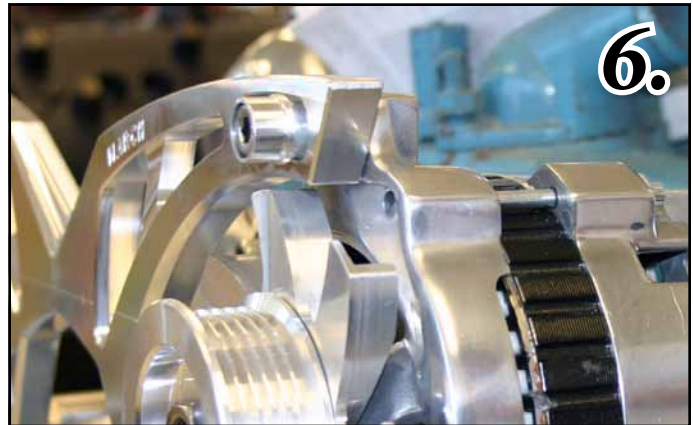
MM100 Bushing and
M8 x 35MM SHCS



Photo-5 Mounting the rear A/C Support Bracket . (40432-A) Mount the $\frac{5}{16}$ x 2.150 Stainless Spacer tube (S769) to the Rear bracket With a $\frac{5}{16}$ x $\frac{3}{4}$ " Flat Head Bolt (S211) Use a $\frac{3}{8}$ x 1" SHCS (S248) and a $\frac{3}{8}$ " Washer (S666) to mount the Bracket to the outer head bolt. Thru the rear lower A/C Ear use a $\frac{5}{16}$ x 1 $\frac{1}{4}$ " SHCS (S148).

Install the A/C cover (394) with three M6-1.0 x 20mm Button Hd Bolt (S520).

Photo-6 Install the Alternator (P572) unit to the main bracket using (1) MM100 Alum Bushing and (1) M8 x 35 MM SHCS (S553) in the upper slot. (Same as photo #4)



(S453) Dia Bushing

$\frac{3}{8}$ " Washer
and Nut

$\frac{3}{8}$ x 1" SHCS

Photo-7 Mount the rear Alternator Rear Support Bracket (40433-A) to the Stainless Spacer (S771) with a $\frac{3}{8}$ x 1" SHCS (S248) thru the rear Alt support install the $\frac{5}{8}$ " Dia. Threaded bushing (S453), use this to take up any slack between the alternator lower mount and the rear support bracket. Thru the Main Plate install a $\frac{3}{8}$ x 4" SHCS (S274) and secure the Alternator with a $\frac{3}{8}$ " Washer (S666) and $\frac{3}{8}$ " Nut (S620). (do not tighten at this time).

Photo -8 Install the (2) Upper Idlers (with lips) (744) to the Main Plate. Install the (2) Lower Idlers (740) to the Main Plate with (4) $\frac{3}{8}$ x 2" Hex Bolts (S323) and (4) $\frac{3}{8}$ " Washers (S666).



Photo-9 Install the Idler Covers (302-A) with (3) $\frac{8}{32}$ x $\frac{3}{8}$ " SHCS (S022)



Photo-10 Using Loctite Install the Crank pulley (10321-A) with (6) $\frac{5}{16}$ x $\frac{7}{8}$ " SHCS (S144)
Install the Water pump Pulley (10323-A) and Water Pump Cap (327-A) with four $\frac{5}{16}$ x $\frac{7}{8}$ " SHCS (S144).



Photo-11 Slide the Alternator Fan (221-A) over the alternator shaft followed by the Alternator Pulley (208-A). Use the lockwasher (S685) and lock nut then tighten (*We recommend a impact for installation of all pulley, impact to 90 ft, pounds*).

Install the Alternator Pulley Cover (307-A) with three $\frac{8}{32}$ x 1" SHCS (S028).

For Kit 40445 with Saginaw Power Steering Option

Photo -12 Assemble the Power Steering Bracket As follows. (40435-A) to the front, (40435-B) to the back use the (20117-C) Spacer Block in between as shown. Run the (2) $\frac{3}{8}$ x $4\frac{1}{4}$ " SHCS (S275) thru the 3 brackets as shown. Install the PumpUnit with the $\frac{3}{8}$ x $1\frac{1}{4}$ " SHCS (S250) in the front upper hole the $\frac{3}{8}$ x $\frac{3}{4}$ " SHCS (S244) in the front lower hole and in the rear of the pump use the (TP3-.150) Spacer between the bracket and the pump and use the $\frac{3}{8}$ x 1" hex bolt (S312).

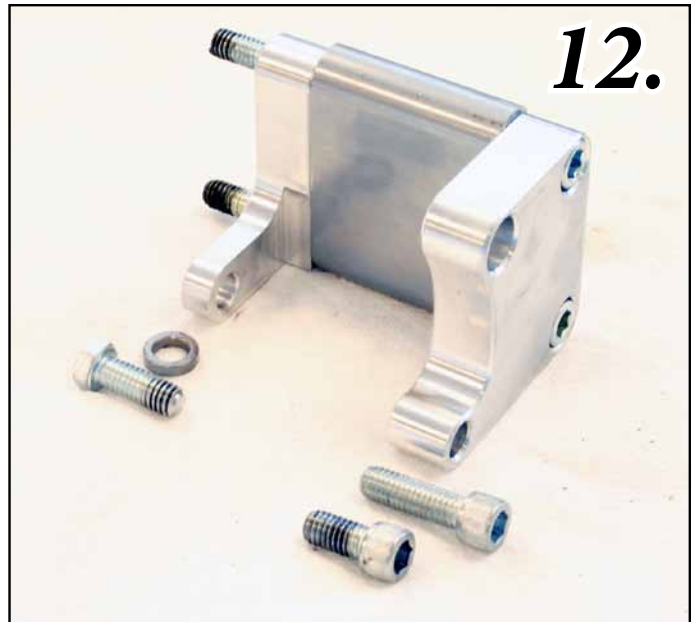


Photo -13 Install the Pump Bracket Unit to the block using the two lower drivers side holes next to the crank,

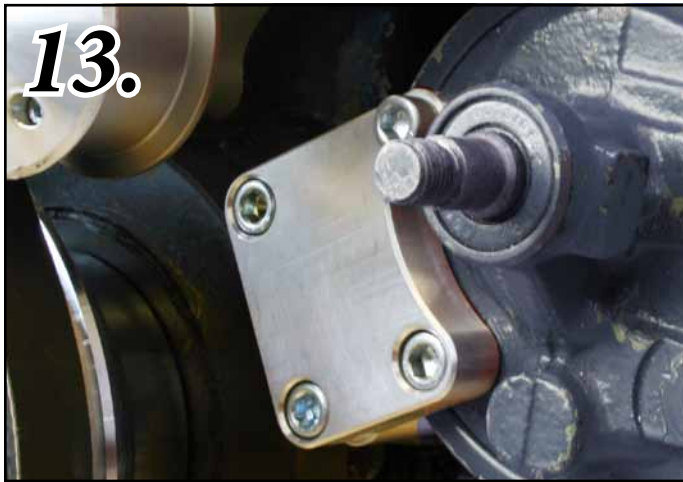


Photo 14 Install the Power Steering Pulley KIT #40440: (650-A) using (3) $\frac{5}{16}$ x $\frac{7}{8}$ " SHCS (S144) KIT #40445: (535-A) and P/S Pulley Cap (302-A) using (3) $\frac{8}{32}$ x $\frac{3}{8}$ " SHCS.

Push both the Alternator and A/C units inwards at the top mounts and install the serpentine belt routing as shown.

#40430 w/o Power Steering will use a 66.5" Belt

#40430 with Saginaw Power Steering will use a 81.5" Belt

#40430 with Remote Power Steering will use a 79.5" Belt

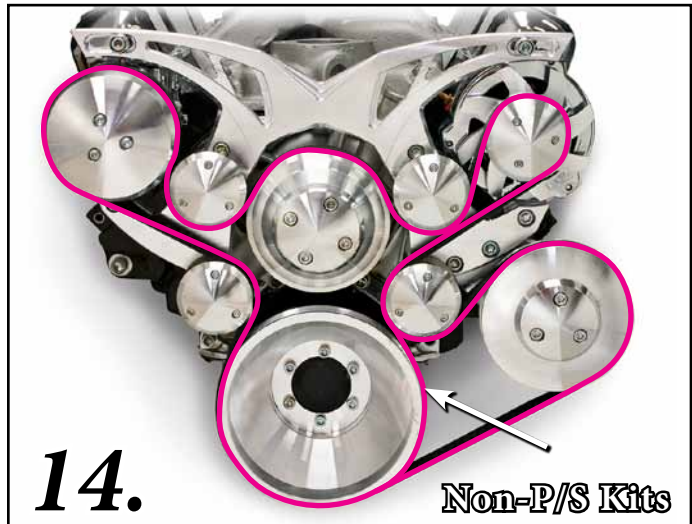


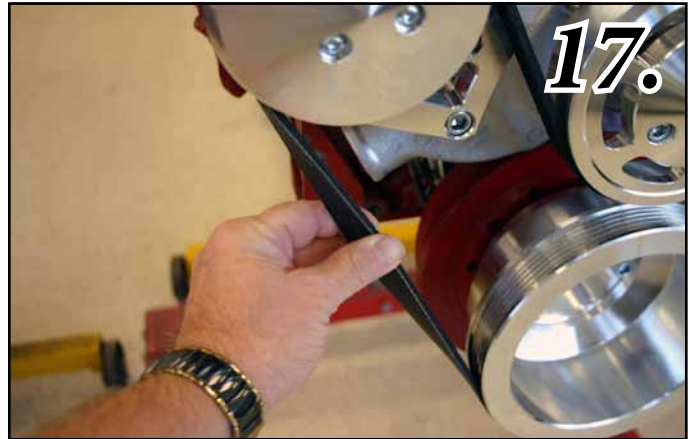
Photo 15 Slip the supplied March Adjustment Tool (BLT-12) over the two (MM100) bushings at the Alternator an A/C sides. Use a wrench to turn the adjustment tool outward to tighten the serpentine belt to 100 ft. lbs.





Photo 16. Use the holes in the adjustment tool to tighten both M8 socket head cap screws when correct belt tension has been achieved. Remove the adjustment tool and keep for future use.

Photo 17 TIP: Your Serpentine belt is tight when it can't be moved by more than 1/2" inch at it's longest span between pulleys. The belt should not be able to be twisted by more than half a turn.



Check and tighten all bracket bolts, alternator and A/C lower mounting bolts, turn engine over once by hand to check for any belt rubbing and proper belt alignment. Run engine three minutes and check belt tension again. (S022)

Final assembly

If you are going to be installing your air conditioning hoses and charging the system at this time, remove the cover plate on top of the compressor body. Install the A/C adapter lines (P417), hoses and connect clutch wire and charge system.

Important: If you are NOT installing hoses and charging the system at this time, leave cover plate on compressor. Do not connect the clutch wire or apply power to clutch wire without the hoses connected and the system charged – ***Serious damage will occur to compressor.***

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 **