

**HIGHLY STYLED, LOW COST SERPENTINE DRIVE  
Installation Instructions  
MOPAR 5.7 HEMI KIT'S 40700 & 40710**

**40701 Main Front Bracket**

1-40701-A.....Main Mounting Bracket  
 1-40707-A.....Thermostat Adapter  
 1-40705-A.....Belt Tightening Bracket  
 4-S553.....M8-1.25 x 35mm SHCS  
 1-S324.....3/8 x 2-1/4" Hex Bolt  
 3-S666.....3/8 SAE Washer  
 3-S622.....3/8 Lock Nut  
 2-S620.....3/8 Nut  
 2-740-A.....Idler Pulley  
 2-302-A.....Idler Pulley Cover  
 2-S321.....3/8 x 1-3/4" Hex Bolt  
 6-S022.....8-32 x 3/8" SHCS  
 8-S248.....3/8-16 x 1" SHCS  
 1-TP3-.300.....Spacer Tube .300"  
 1-S551.....M8-1.25 x 25mm SHCS  
 1-S155.....5/16-18 x 2" SHCS  
 1-S270.....3/8 x 3-1/2" SHCS  
 1-BS3-.700.....Steel Bushing .700 lg.  
 2-MM100.....Alum. Bolt Bushing  
 1-P763.....Idler Pulley (steel)

**40702 Alternator Rear Support**

1-40702-A.....Alt Rear Support Body  
 1-TP3-.520.....Spacer Tube .520  
 2-TP3-.600.....Spacer Tube .600  
 2-S248.....3/8-16 x 1" SHCS  
 1-S556.....M8-1.25 x 40mm SHCS  
 2-S559.....M8-1.25 x 100mm SHCS  
 2-S771.....Stainless Spacer 2" lg.

**40703 A/C Rear Support**

1-40703-A.....A/C Rear Support Body  
 1-TP3-.520.....Spacer Tube .520  
 1-TP3-.600.....Spacer Tube .600  
 1-TP3-.800.....Spacer Tube .800  
 2-S248.....3/8-16 x 1" SHCS  
 1-S556.....M8-1.25 x 40mm SHCS  
 2-S559.....M8-1.25 x 100mm SHCS  
 2-S771.....Stainless Spacer 2" lg.

**Adjustment Tool BLT-18.5****Tools and Materials**

RTV Silicone  
 Loc-Tite\* Thread Locker  
 Gasket Scraper, Steel Wool or  
 Sandpaper to clean gasket surfaces  
 3/16" Allen Head Driver  
 5/16" Allen Head Driver  
 1/4" Allen Head Driver  
 6mm Allen Head Driver

**40706 Power Steering Bracket**

1-40706-A.....Power Steering Bracket Body  
 2-S551.....M8 x 25mm SHCS  
 1-740-A.....Idler Pulley  
 1-302-A.....Idler Pulley Cover  
 3-S022.....8-32 x 3/8 SHCS  
 1-S260.....3/8 x 2-1/4" SHCS  
 1-S666.....3/8 SAE Washer  
 1-AC3-.312.....3/8 x .312 lg Spacer 1" dia.

**10345-208 Pulley Kit**

1-6341A.....Crank Pulley  
 1-365A.....Crank Adapter Hub  
 1-208-A.....Alternator Pulley  
 1-307-A.....Alternator Pulley Cover  
 1-221-A.....Alternator Fan  
 1-394-A.....A/C Cover  
 3-S124.....1/4 x 3/4" Button Head (OR)  
 3-S520.....M6-1.0 x 20mm (if needed)  
 1-S685.....11/16" Lock Washer  
 1-S686.....11/16" Flat Washer  
 3-S028.....8-32 x 1" SHCS  
 3-S248.....3/8 x 1" SHCS  
 1-S572.....M14-1.5 x 120mm Hex Bolt  
 1-650-A.....Power Steering Pulley (40710 Kit)  
 3-S144.....5/16 x 7/8" SHCS (40710 Kit)

**Accessories**

1-P175.....Water Pump  
 1-P710.....Water Neck (Adjustable)  
 1-P572.....Alternator Chrome  
 1-P412.....A/C Unit Chrome  
 1-P314.....P/S Pump w/601 Hub  
 1-P417.....A/C Line Adapter

**Belt Sizes**

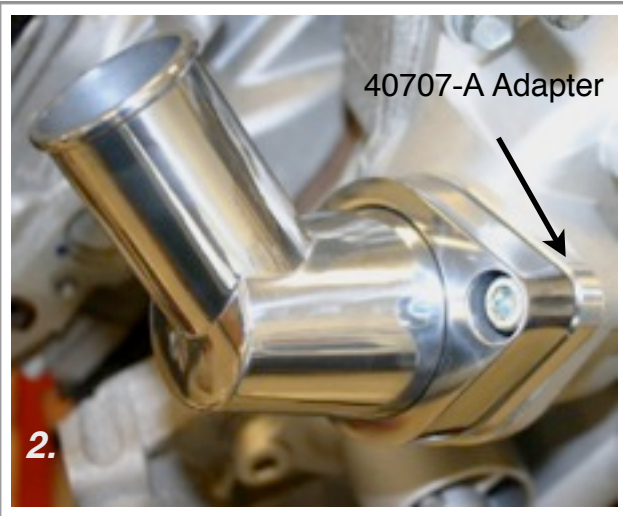
71-1/2" Belt (40700 Kit)  
 77-1/2" Belt PS (40710 Kit)  
 34" Belt (Both Kits)

10mm 12pt. socket  
 Socket Wrench & Extension  
 10mm 12pt. socket  
 12mm 12pt. socket  
 5/8" Combo Wrench  
 9/16" Combo Wrench  
 11/16" Combo Wrench  
 3/4" Combo Wrench

## Installing The Kit

### PHOTO-1

Install the Provided Water Pump (P175) to the Block.



### PHOTO-2

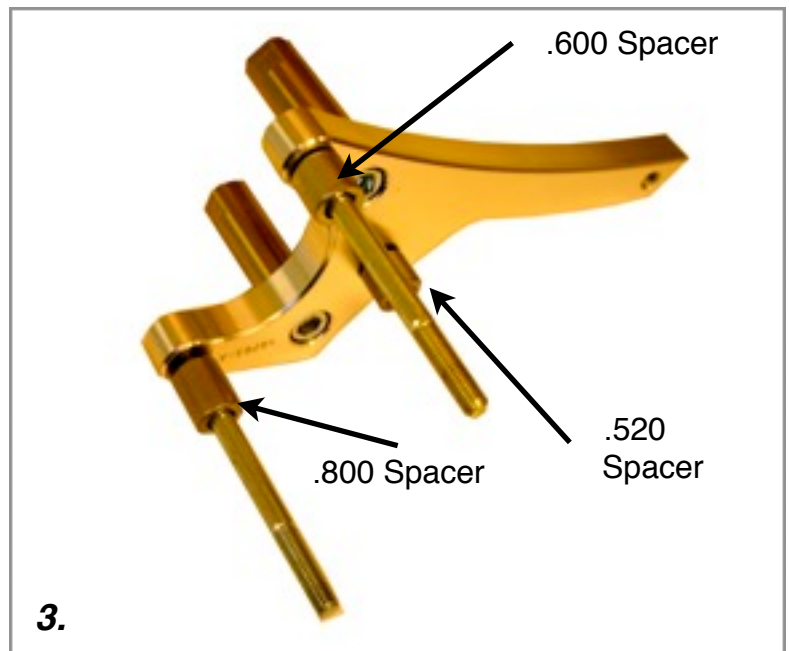
Using silicone sealer to ensure a water tight fit. Install the provided Thermostat Adapter (40707-A) with the provided Adjustable Water Neck (P710) installing the Adapter between the water pump and the adapter as shown.

(NOTE) Do Not use the two bolts provided in the package. \*USE the two Provided M8 x 35mm SHCS (S553).

### PHOTO-3

Assembly of the Rear Support Bracket (40703-A): Install the (2) threaded 2" Spacers (S771) onto the rear support bracket using two 3/8 x 1" SHCS (S248). Note: The threaded spacers mount to the same side as the three countersinks.

Install two M8 x 100mm SHCS (S559) thru the two inner holes as shown on the back side of the bracket. Next slide on one (TP3-.600) Spacer Tube (inner top bolt) and one (TP3-.800) Spacer Tube (Inner lower hole). In the outer center hole use one M8 x 40mm SHCS (S556) thru the front of the bracket. On the rear, slide one (TP3-.520) Spacer Tube. (Inner lower hole).

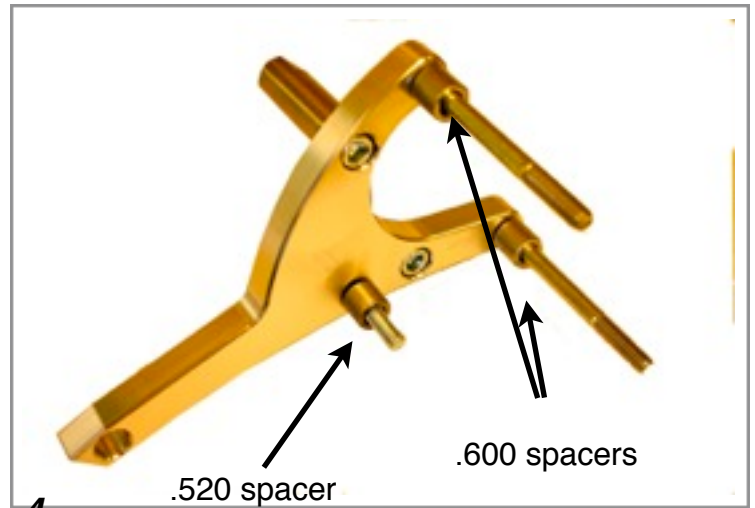




**Photo-4**

Install the two 2" Threaded Spacers (S771) onto the Alt. Support Bracket (40702-A) using two 3/8 x 1" SHCS (S248). Note: The spacers mount to the same side as the three counterbores.

Use two M8 x 100mm SHCS (S559) in the two outer holes as shown. Now slide two (TP3-.600) Spacer Tubes onto the upper and lower bolt from the backside as shown. In the center hole use one M8 x 40mm SHCS (S556) and on the back side use one (TP3-.520) Spacer.



**Photo-5**

Install the A/C Rear Support Bracket as shown to the right side of the Water Pump as shown.

**Photo-6**

Install the Alternator Rear Support to the left side of the Water Pump as shown

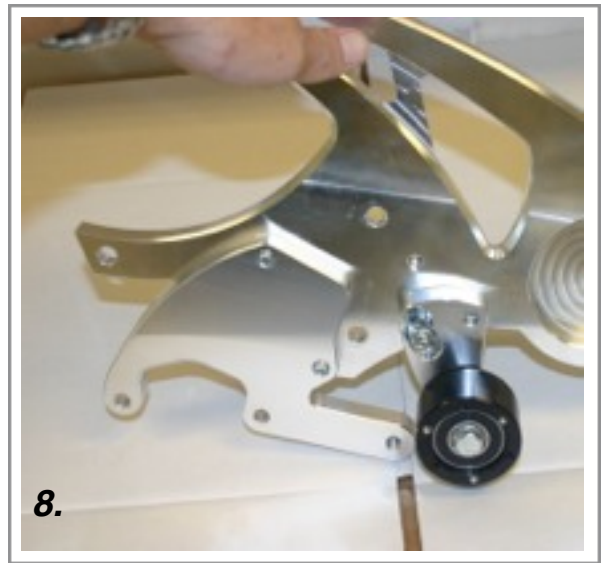


**Photo-7**

Mount a (P763) Idler Pulley to the (40705-A) belt tightening bracket as shown. Use a 3/8 x 2-1/4 " Hex Bolt (S324) and 3/8 SAE Washer (S666). Secure with a 3/8 locknut (S622).

**Photo-8**

This is a backside view of the main bracket. Install the belt tightening bracket as shown using two 3/8 x 1" SHCS (S248) and insert a 3/8 locknut into the slot (S622). (NOTE): The Idler will face the Block when installed. If using Power Steering, mount the P/S Bracket (40706-A) using two 3/8 x 1" SHCS (S248).



**Photo-9**

Install a 34" Belt from the crank to the water pump pulley before installing the main bracket.

**Photo-10**

Install the Main Bracket to the four stainless studs using four 3/8 x 1" SHCS (S248). Then add the two (740-A) Idler Pulleys to the two tapped holes of the main plate, using two 3/8 SAE Washers (S666) and two 3/8 x 1-3/4" Hex Bolts (S321).



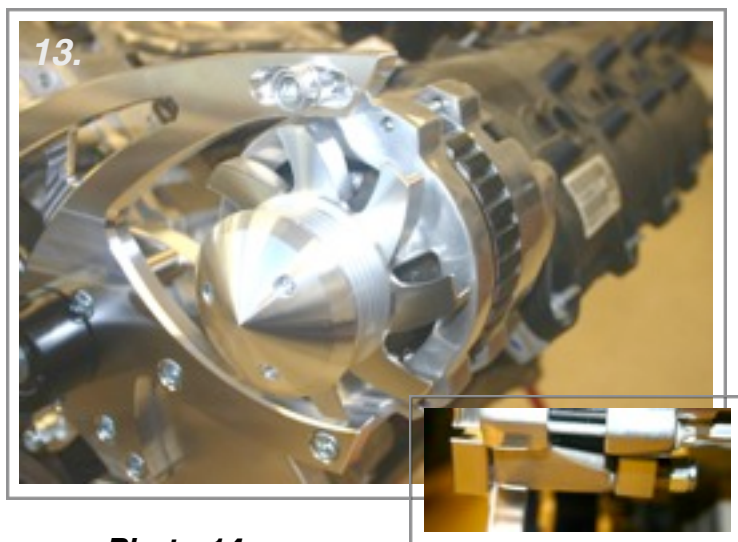
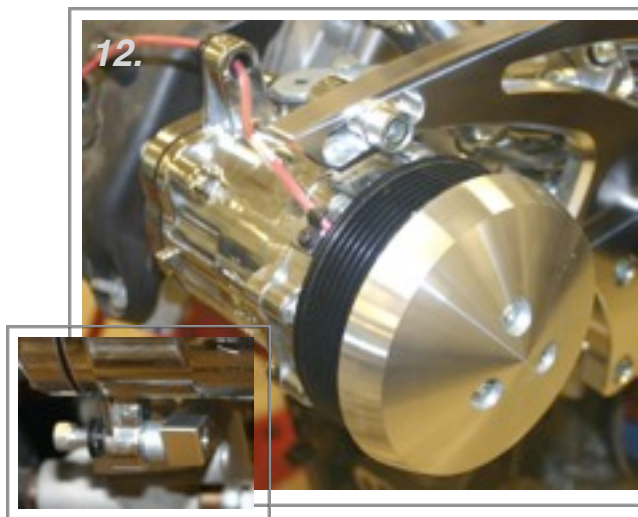
**Photo-11**

This photo shows tightening the rear belt. Use a 9/16 wrench and a 5/16 allen wrench as shown.



### **Photo-12**

Install the A/C unit (P412) in the upper slot. Install a (MM100) Alum. Bushing using the M8 x 35mm SHCS (S553). The lower hole uses the M8 x 25mm SHCS (S551), and the rear support uses a 5/16 x 2" SHCS (S155). Run it thru the rear A/C ear and into the rear tapped hole of the rear support. Use a (TP3-.300) Spacer Tube between the rear A/C ear and the rear support. You can also add the A/C Cover (394-A) securing with three 1/4" button heads.



### **Photo-13**

Installing the Alternator (P572) in the upper slot use a (MM100) Alum. Bushing, and a M8 x 35 mm SHCS (S553).

In the lower mounting hole use a 3/8 x 3-1/2" SHCS (S270). Insert a (BS3.700) Steel Bushing into the rear support bore, then secure with a 3/8 Lock Nut (S622).

Now install the Alt. Fan (221-A) and the Alt Pulley (208-A). Secure with the provided (S685) lock washer and nut using a impact to install. Now add the Alt Cover (307-A) securing with three 8/32 x 1" SHCS (S028).

### **Photo-14**

If not using Power Steering skip this step and use two 3/8 x 1" SHCS (S248) and two 3/8 nuts (S620) to fill the two mounting holes.

If using Power Steering:

Mount the Power Steering Pump (P314) to the bracket using two M8 x 25mm SHCS (S551). Now mount the Idler Pulley (740-A) to the tapped hole using one 3/8 x 2-1/4" SHCS (S260) and one 3/8 Washer (S666). Use the (AC3-.312) Alum. Spacer between the bracket and the Idler Pulley. Now add the Idler cap (302-A) with three 8/32 x 3/8 SHCS. Next install the P/S Pulley (650-A) using three 5/16 x 7/8 SHCS (S144).

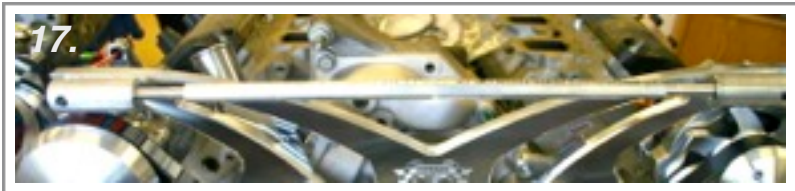
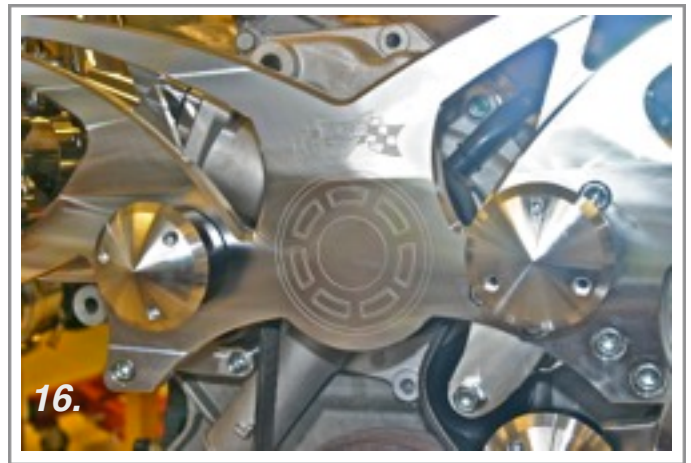


### **Photo-15**

Remove Stock Balancer bolt then install the Crank Adapter Hub (365-A) to the center of the balancer with a M14 x 120mm Hex Bolt (S572) and a the 1-1/4" washer (S686). Next install the Crank Pulley (6341-A) using three 3/8 x 1" SHCS (S248). (Note): Balancer Hub Bolt to be impacted to 150 F.P.

**Photo-16**

Add the two Idler Caps (302-A) to the front Idler Pulleys using six 8/32 x 3/8 SHCS (S022).



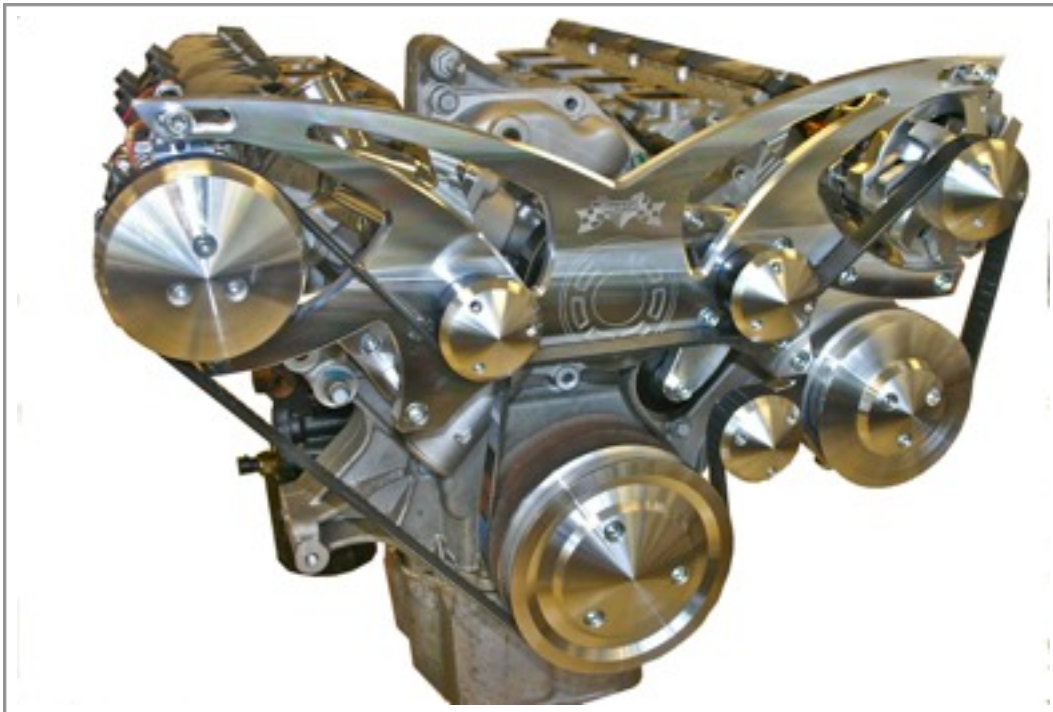
**Photo-17**

Install the 77-1/2" Belt as shown and adjust with the provided (MM107) Adjustment Tool. After belt is tightened (REMOVE) the tool and store for future use.

(See Belt Routing Below).

(NOTE) for Non-P/S Kits use a 71-1/2" Belt

Use the Provided (P417) A/C Adapter Lines when hooking up your A/C lines.



**FINAL ASSEMBLY**

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.

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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.

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

\*\* MOUNTED PRODUCTS ARE NONREFUNDABLE \*\*