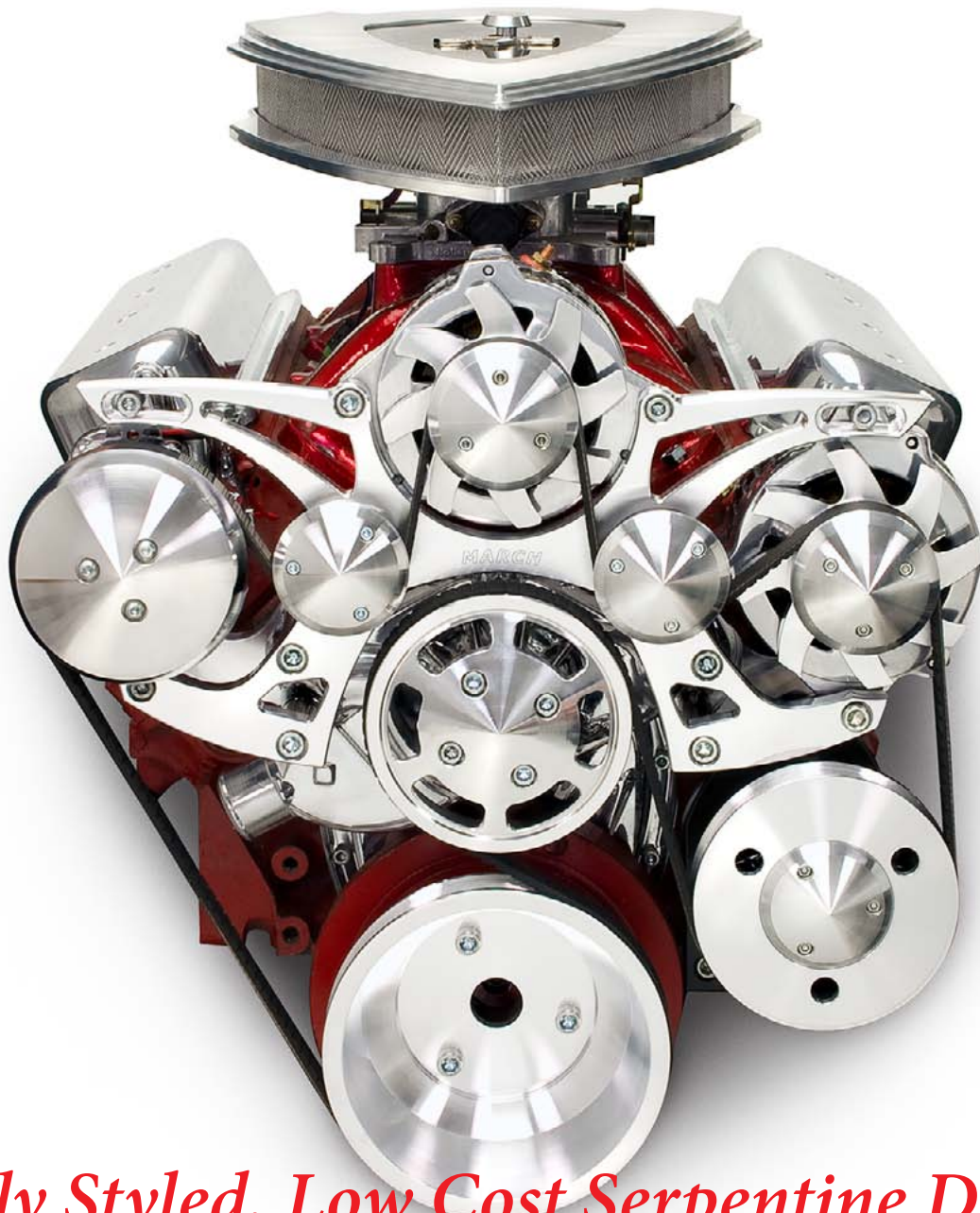




Highly Styled, Low Cost Serpentine Drive

Installation Instructions

Chevy Small Block

Twin Alternator with A/C

Kit #21060 with Remote Power Steering

Kit #21065 Non-Power Steering



Included Parts List

Kit # 21060 Duel Alt / AC / PS

Kit # 21065 Duel Alt / AC

Main Front Bracket Kit P/N 21061

1 - 21061-A	Main Front bracket Body
2 - 740-A	Idler pulley
2 - 302-A	Idler pulley Cap
6 - S022	$\frac{8}{32} \times \frac{3}{8}$ " SHCS
4 - S248	$\frac{3}{8}$ - 16 x 1" SHCS
2 - S254	$\frac{3}{8}$ - 16 x $1\frac{3}{4}$ " SHCS
1 - S264	$\frac{3}{8}$ - 16 x $2\frac{3}{4}$ " SHCS
1 - S276	$\frac{3}{8}$ - 16 x $4\frac{1}{2}$ " SHCS
3 - S339	Stud 3"
1 - S340	Stud 4"
1 - S550	8mm - 1.25 x 20mm SHCS
1 - S551	8mm - 1.25 x 25mm SHCS
2 - S553	8mm - 1.25 x 35mm SHCS
1 - S622	$\frac{3}{8}$ " Lock Nut
2 - S666	$\frac{3}{8}$ " Flat Washer
1 - S770	1.900" Threaded Spacer Stainless
3 - S775	2.800" Threaded Spacer Stainless
1 - S750	Hose Extension
2 - MM100	Alum Bolt Cap

Alternator Support Bracket P/N 21112

1 - 21112-A	Alt Support Bracket Body
2 - S248	$\frac{3}{8}$ - 16 x 1" SHCS
1 - S452	$\frac{5}{8}$ " Set Screw
2 - S675	W/P Gaskets
1 - A3-1.350	Spacer Alum 1.350" Lg

A/C Support Bracket P/N 21113

1 - 21113-A	A/C Bracket Body
1 - S155	$\frac{5}{16}$ - 18 x 2" SHCS
1 - S616	$\frac{5}{16}$ - 18 Nylon Lock Nut
1 - S660	$\frac{5}{16}$ " Flat Washer
2 - S675	W/P Gaskets

Power Steering Bracket

P/N 21104 For Kit # 21060 (Power Steering)

1 - 21104-A	Power Steering Bracket Body
1 - 21104-B	Power Steering Rear Spacer Block
2 - S260	$\frac{3}{8}$ - 16 x $2\frac{1}{4}$ " SHCS
2 - S551	8mm - 1.25 x 25mm SHCS

Belt Adjustment Tool

1 - MM101	R.H. Rod End
1 - MM102	L.H. Rod End
1 - MM103	12" Threaded Rod

Pulley Kit

1 - 6301-A	Crank Pulley Body
1 - 6302-A	Waterpump Pulley Body
2 - 221-A	Alt Fan
2 - 208-A	Alt Pulley Body
2 - 307-A	Alt Cap Body
1 - 394-A	A/C Cover
1 - 650-A	PS Pulley
For Kit # 21060 (Power Steering)	
6 - S028	$\frac{8}{32} \times 1$ " SHCS
3 - S520	6mm - 1.0 x 16mm Button Hd Bolt
3 - S144	$\frac{5}{16} \times \frac{7}{8}$ " Lg SHCS
For Kit # 21060 (Power Steering)	
4 - S183	$\frac{5}{16}$ - 24 x $\frac{5}{8}$ " SHCS
3 - S292	$\frac{3}{8}$ - 24 x 1" SHCS
2 - S685	$1\frac{1}{16}$ " (Alt) Lock Washer

Accessories

1 - P112	Alum Water Pump
1 - P412	Sanden A/C Compressor Chrome
2 - P572	Alternator Chrome
1 - P417	A/C Line Kit
1 - P313	Remote P/S Pump W/ Hub
For Kit # 21060 (Power Steering)	

Required Tools and Materials

RTV Silicone
Loc-Tite® Thread Locker
Anti-seize Compound
Gasket Scraper, Steel Wool or Sandpaper to clean gasket surfaces
 $\frac{3}{16}$ " Allen Head Driver
 $\frac{5}{16}$ " Allen Head Driver
 $\frac{1}{4}$ " Allen Head Driver
6mm Allen Head Driver
 $\frac{5}{8}$ " Combo Wrench

$\frac{9}{16}$ " Combo Wrench
 $1\frac{1}{16}$ " Combo Wrench
 $\frac{3}{4}$ " Combo Wrench
Socket Wrench & Extension
10mm 12pt. socket
12mm 12pt. socket

Serpentine Belt

71.5" Belt without Power Steering
91" Belt with Power Steering

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

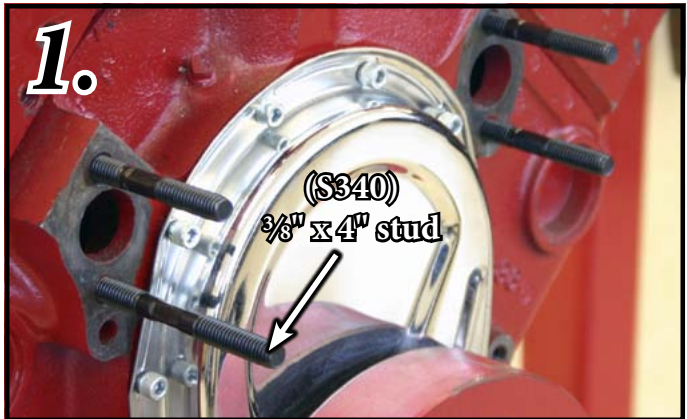


Photo-1 Ensure the sealing face of the coolant outlets are clean, flat and free of old gasket material. Apply a small amount of RTV silicone to one end of each mounting stud to prevent coolant seepage. Install the mounting studs, Three (S339) $\frac{3}{8}$ x 3" and one (S340) $\frac{3}{8}$ x 4" using the longer 4" stud in the lower passenger side hole.

Photo-2 Install the Alternator rear support Bracket (21112-A) on the drivers side and the A/C rear support Bracket (21113-A) on the passenger side. Use the provided Paper Gaskets (S675) and a small amount of silicon sealant installed on the front and rear of both brackets to ensure a water tight seal. Install the (S452) $\frac{5}{8}$ "-18 Threaded Bushing onto the rear Alt. support bracket as Shown.

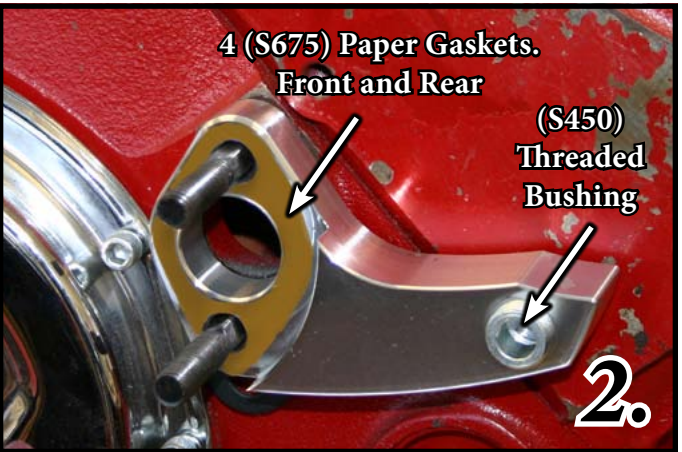


Photo-3 Slide the Water pump (P112) over the Four studs making sure to use the two paper water pump gaskets for a proper seal. Thread the Studs onto the water pump using the Short (S770) 1.900 Spacer on the lower Passenger side and the three (S775) 2.800 Spacers in the other three locations.

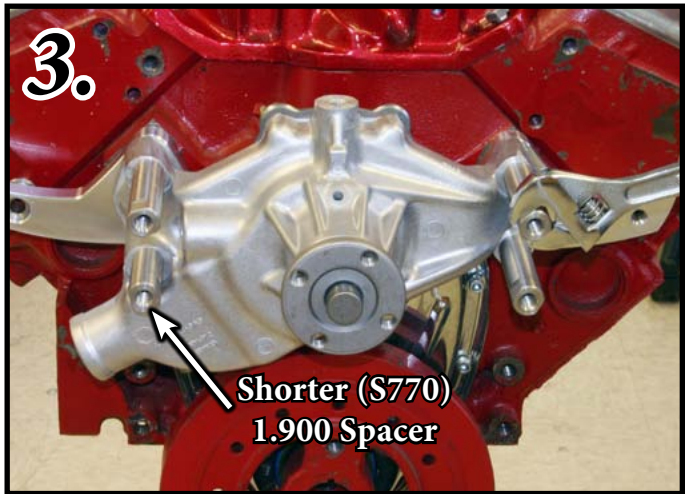
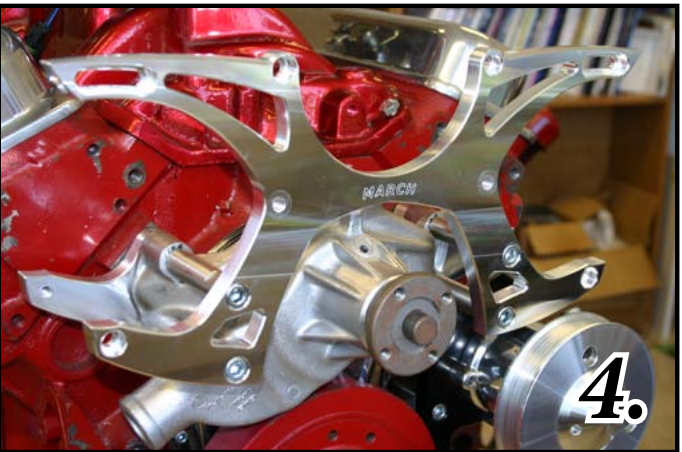


Photo-4 Mount the main front bracket () onto the four studs as shown using four $\frac{3}{8}$ x 1" SHCS.



**For Kits with Power Steering,
Non-P/S skip to Photo 7**

Photo-5 Use Two (S551) 8mm x 25mm SHCS to install the power steering unit (P313) to the Main power Steering bracket (21104-A)

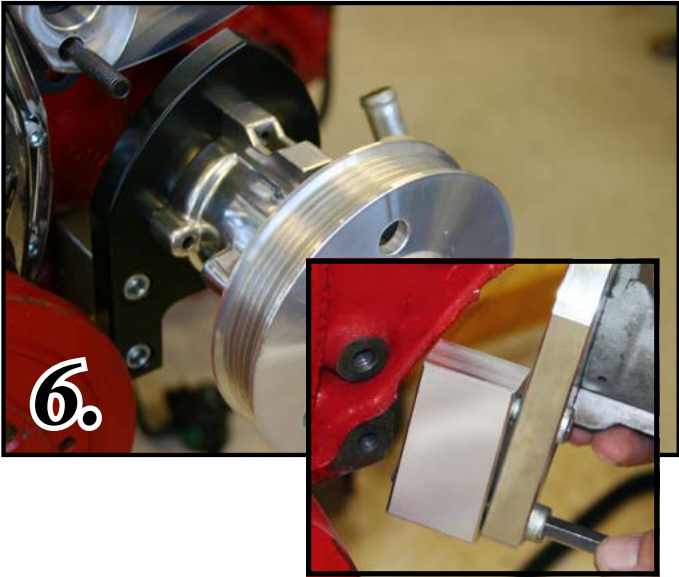


Photo-7 Install the Crank pulley (6301-A) using three 3/8-24 x 1" SHCS then re install the Dampener bolt.



Photo-9 Install the alternator fans (221-A) and the two Alternator pulleys (208-A) to the two Alternators.(P572) then install the two Alternator Caps (307-A)

Install the A/C cover (394-A) Using the three Provided Button head screws.

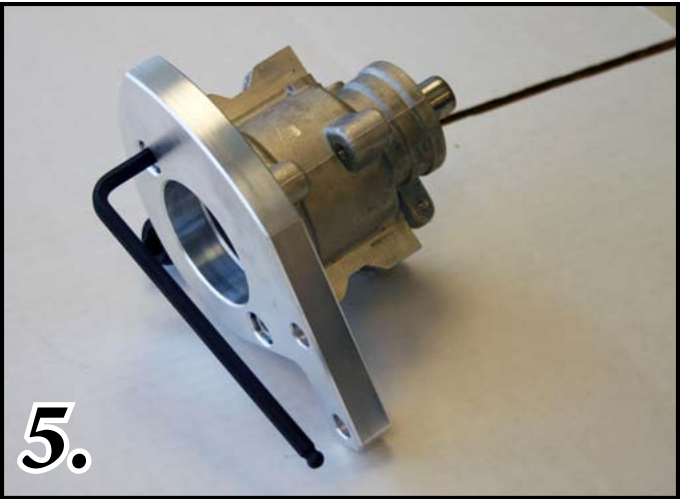


Photo-6 Use Two 3/8 x 2 1/4" SHCS (S260) to install the power Steering Unit. Use the Spacer block (21104-B) Between the Front Bracket and the Block as shown .Note we have Already installed the Power Steering pump Pulley (650-A) you can do this before installing the pump or After.

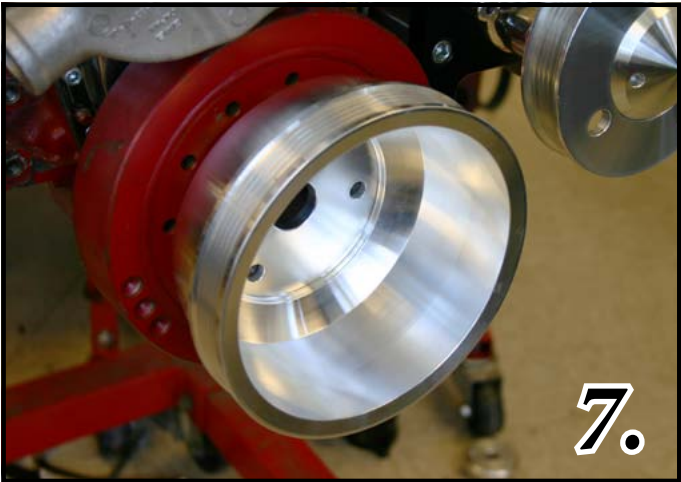


Photo-8 Install the water pump Pulley (6302-A) using the three 5/16-24 x 7/8" SHCS (S186)

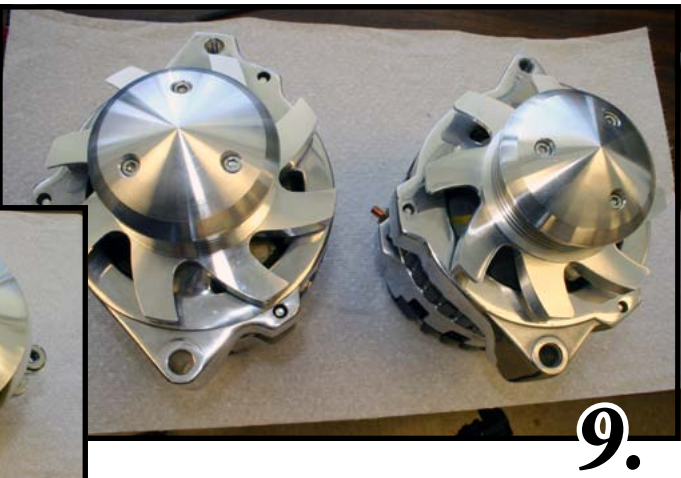


Photo-10 Install the A/C unit to the main Bracket (P412) using a M8 x 20mm (S550) in the lower Front tapped hole and a 8mm x 35mm SHCS (S553) in the upper front Slot adding a MM100 Spacer Bushing . in the rear A/C lower Ear use a 5/16 x 2" SHCS (S155) and a 5/16" Washer (S660) As shown.

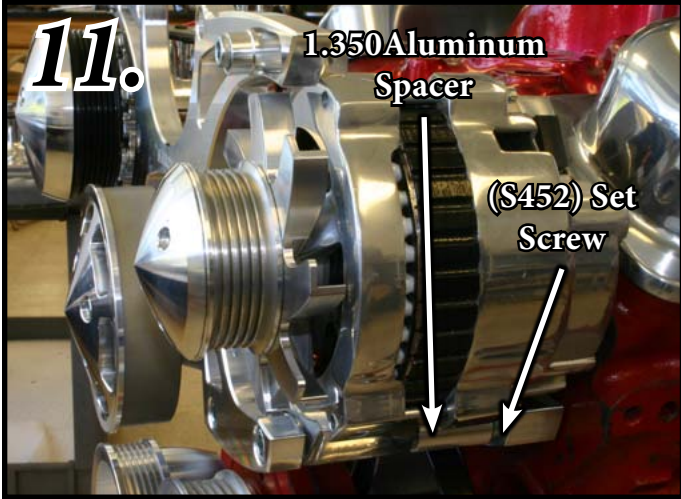


Photo-12 Installing the Center Alternator, using a 3/8 x 2 3/4" SHCS (S264) and a 3/8" Locknut (S622) on the Passenger Side mount and a M8 x 25mm SHCS (S551) on the Drivers Side mount.



FIG 14. Pull the Alternator and A/C units outward to take up slack in the belt and center both units at the top adjustment slot. Tighten either the A/C or Alternator 8mm top adjustment slot bolt and using an apropearte pry bar pull the other unit outward to achieve proper belt tension, Tighten the top mounting bolt on that unit.

Final Assembly

Check and tighten all bracket bolts and alternator and power steering lower mounting bolts, turn engine over once by hand to check for any belt rubbing and proper belt alignment. Run engine three minutes and re-check belt tension.

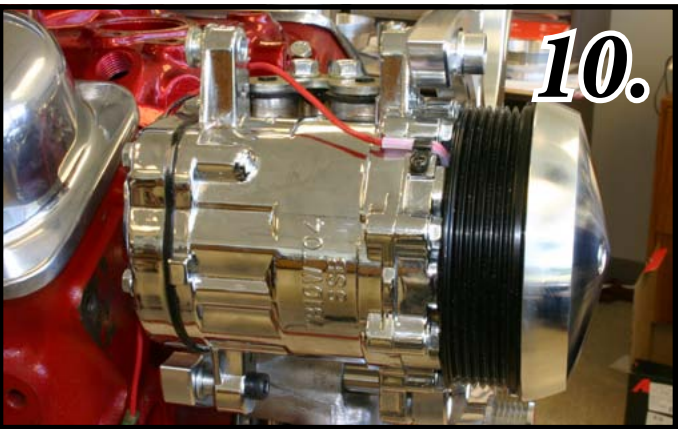


Photo-11 Install the Alternator to the Drivers side Mount using a 8mm x 35mm SHCS and a MM100 Spacer Bushing in the upper Slot and a 3/8 x 4 1/2" SHCS (S276) thru the lower mounting hole. Use the 1.350 Alum. Spacer between the lower Alt. ear and the rear Spacer Use the (S452) Ajustment bushing to take up and Slack in the rear of the Alt unit as shown.

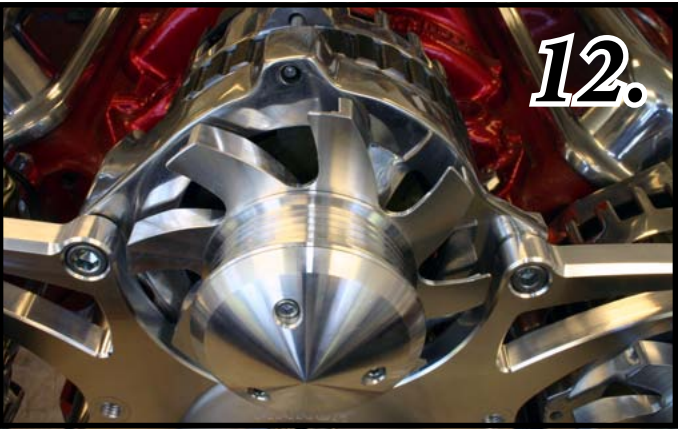


Photo-13 Install the two Idler Pulleys (744) using two 3/8" Flat Washers (S666) and two 3/8 x 1 3/4" SHCS (S321) then install the two Idler Caps (302). Install the Belt (route as shown) by pushing the Alt.& A/C units inward then install a 91" belt for P/S or 71 1/2" belt for non P/S.



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100% credit issued on manufacturer defects

20% return fee on all reshelvable product

70% return fee on all repairable product

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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 _____

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