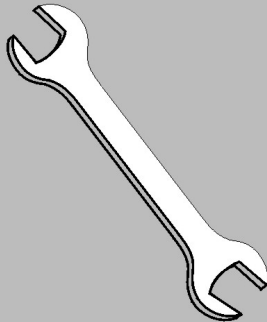


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# Kit Instruction— KDI6446001



# Please Read

## About the Manual Identifying Information on the Cover

The front cover displays pertinent identifying information for this manual. Most important, are the published manual number (part number) /ECN (date code). Generally, when a replacement manual is furnished, it will have the same published manual number, but the latest available ECN. This provides the user with the latest information applicable to his machine. Similarly all documents comprising the manual will be the latest available as of the date the manual was printed, **even though older ECN dates for those documents may be listed in the table of contents.**

When communicating with the Milnor factory regarding this manual, please also provide the other identifying information shown on the cover, including the publishing system, access date, and whether the document ECN's are the latest available or exact.

## References to Yellow Troubleshooting Pages

This manual may contain references to "yellow pages." Although the pages containing troubleshooting procedures are no longer printed on yellow paper, troubleshooting instructions, if any, will be contained in the easily located "Troubleshooting" chapter or section. See the table of contents.

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## Comments and Suggestions

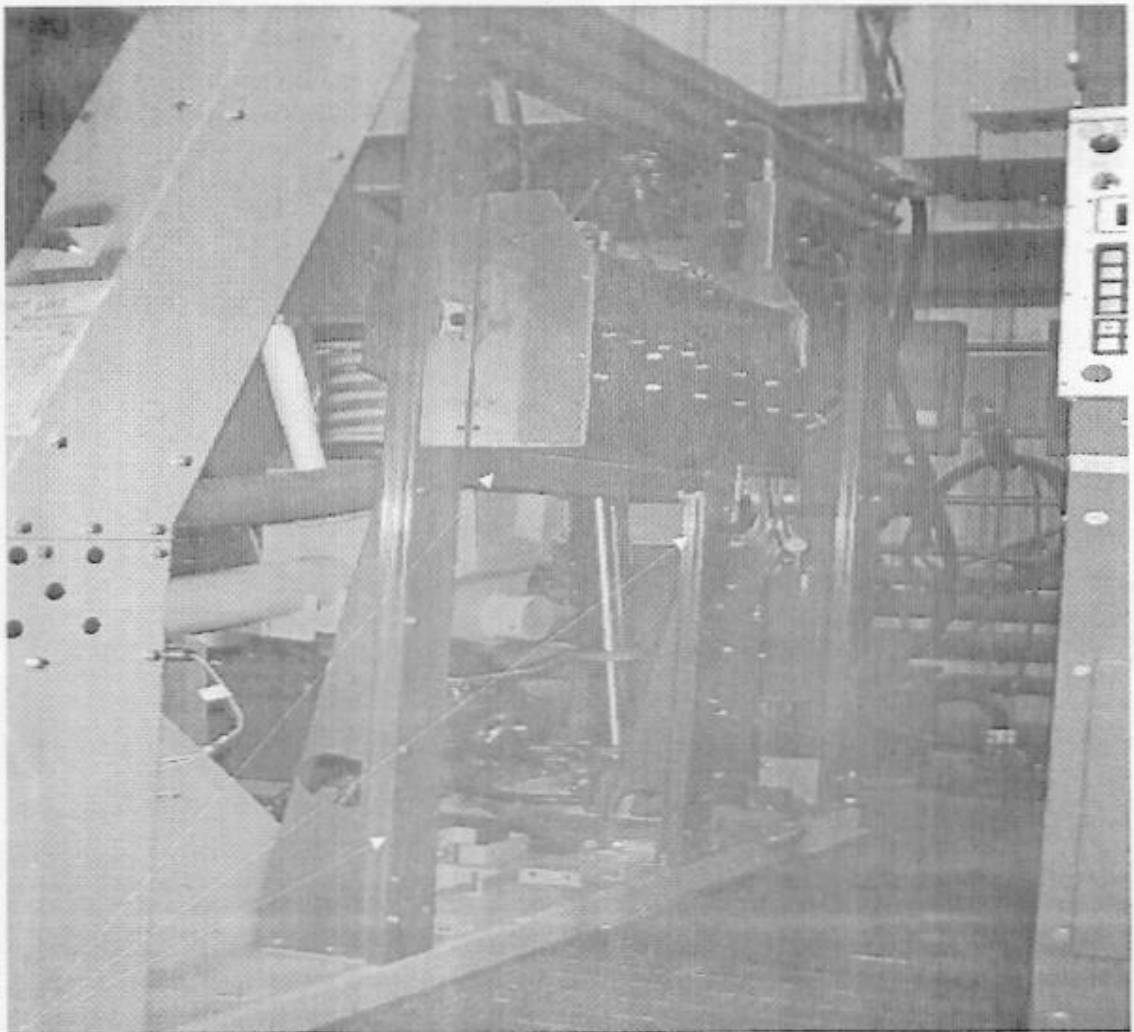
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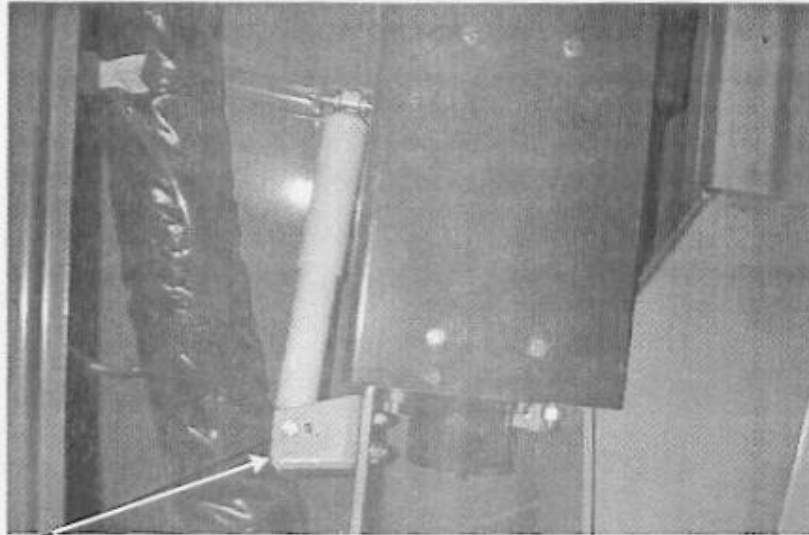
## INSTRUCTIONS FOR 6446 ISOLATOR ASSEMBLY RETROFIT

In order to begin your retrofit you must turn off the water supply to the machine. The chemical dispenser (soap chute or 5 compartment supply) is then removed and the two vertical and one horizontal structural cosmetic members are also removed.



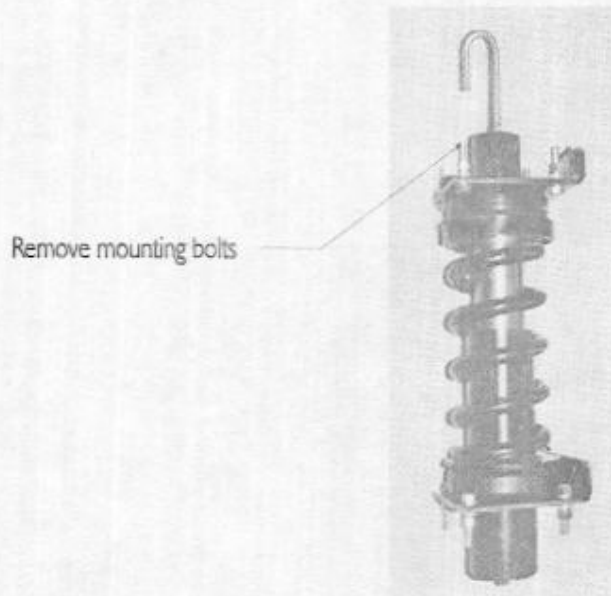
Remove chemical dispenser and framing support for unit.

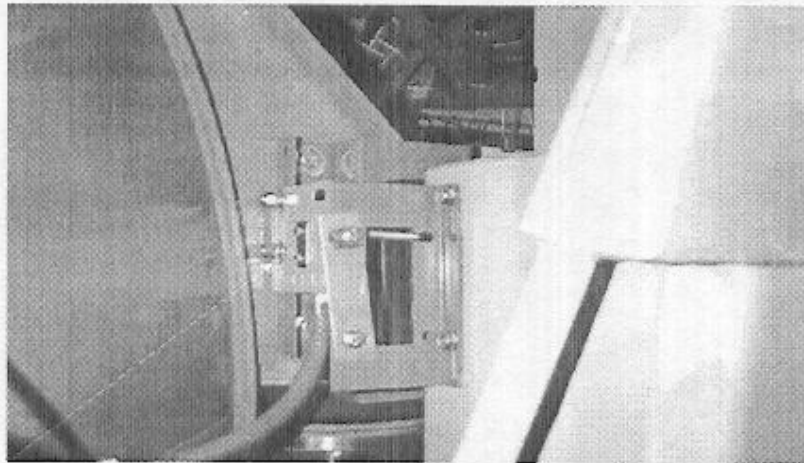
Once the chemical dispenser has been removed, the front shock is disconnected at the bottom mounting bracket. Remove front shocks on both sides. Do not disconnect rear shocks at this time.



Disconnect shock and remove lower bracket (see step 1)

Remove the eight bolts securing the front isolator assembly in place. This is to be done to both right and left front isolators.

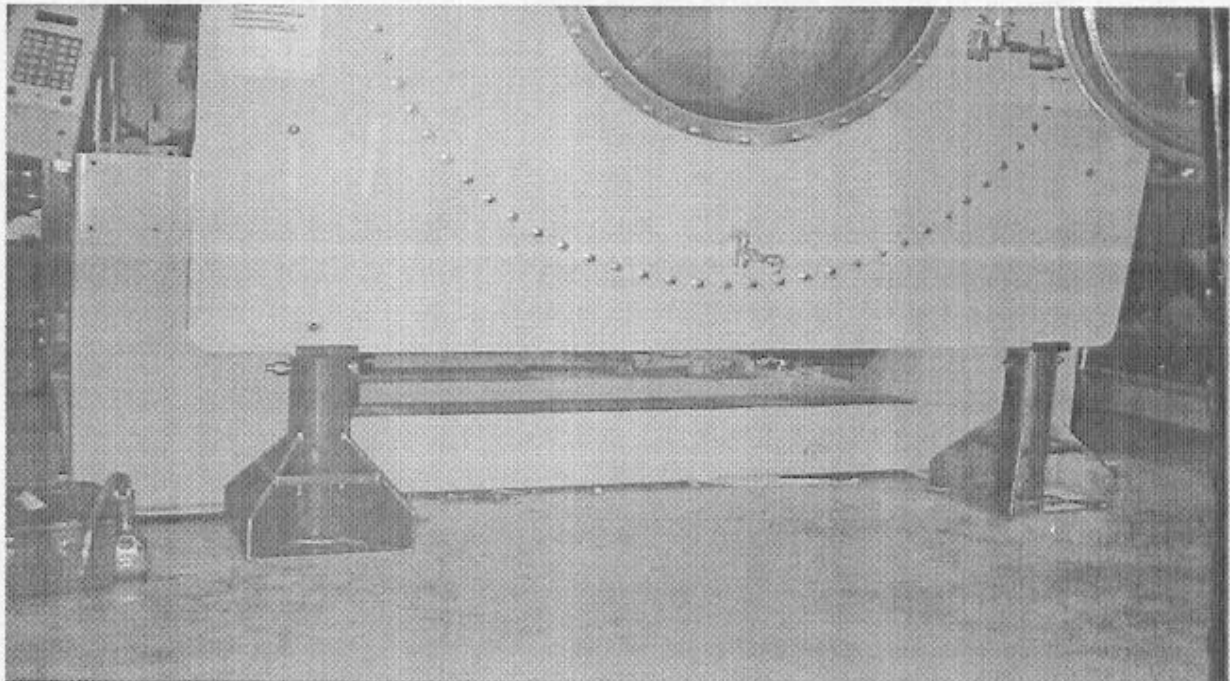




Bracket for excursion switch is modified by adding one hole two inches below bottom hole.

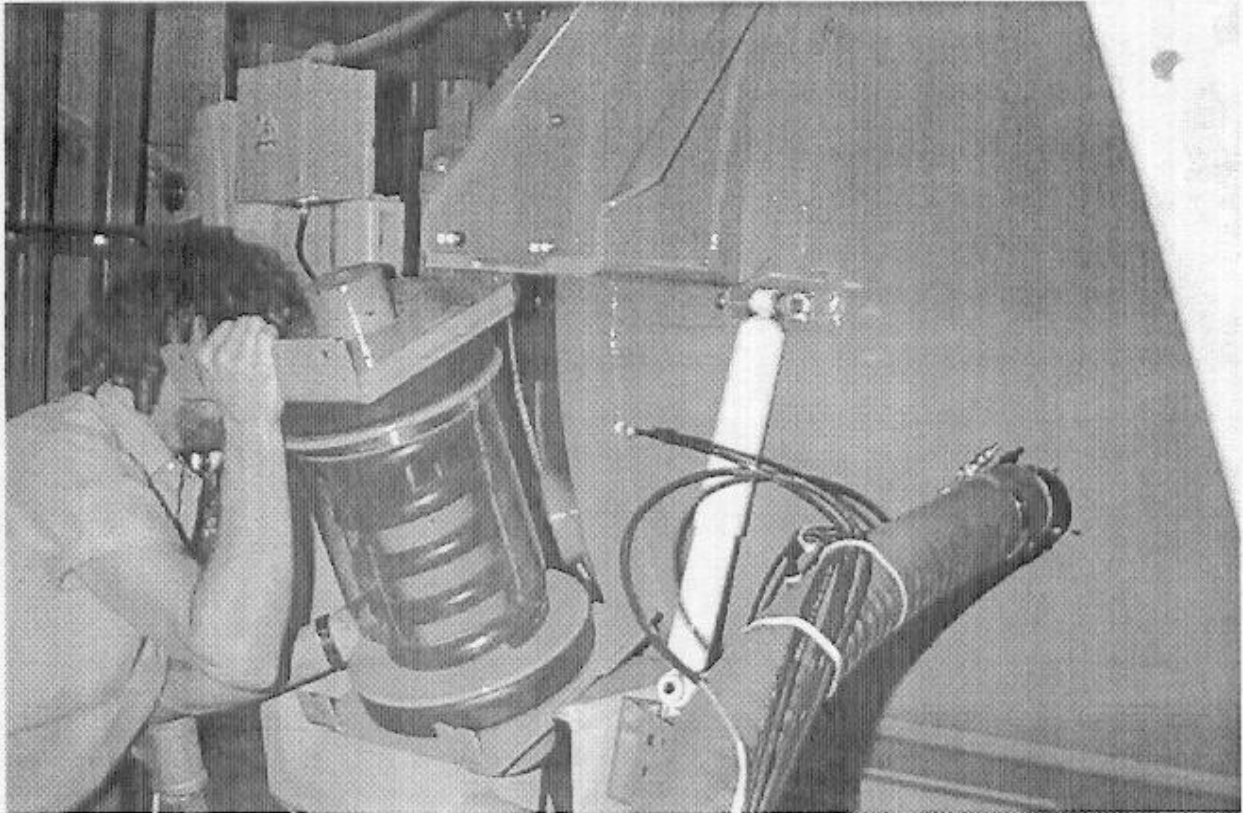
Before we tilt the machine it is best to remove the excursion switch and mounting bracket. Once the isolator assemblies are replaced the machine's position is raised. The excursion switch has to be moved in order to be centered once again. A hole has to be drilled in the mounting bracket two inches below the existing hole. (SEE ADDENDUM)

In order to remove the isolator assemblies, the force must be removed from the springs. We have provided jack stands to assist you with this task.





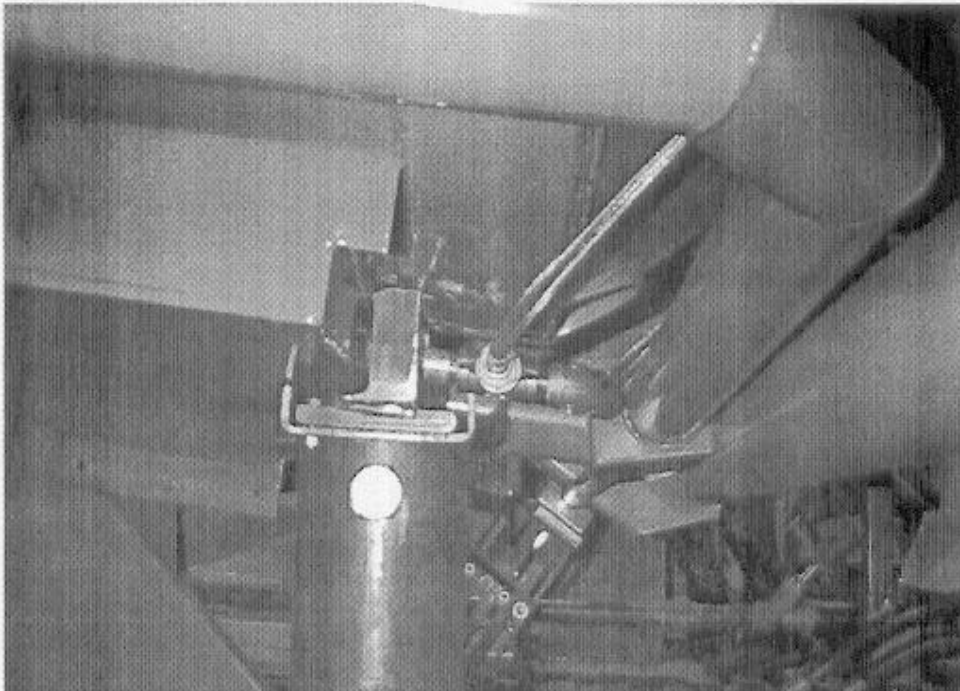
Using the tilt button/switch located on the left front column, tilt the machine forward until the isolator assembly is loose and you are able to slide it free from the slotted top mount plate. As one service worker holds the isolator in the position shown the other technician disassembles the assembly starting with top plate and removes each component until isolator is totally removed.



Locate the isolator assembly components and hardware shipped to you. The only items retained from the old assembly are the springs and vent tubes. The hardware will be in a bag labeled "IH". Install the new components and hardware. The hardware is not fully tighten, but installed in order to keep assembly in place. Now tilt the machine off the stands and tighten fasteners. Install the new shock mount brackets(see page 6). Attach front shocks using lower front hole of bracket.

Disconnect the rear shock at the bottom mounting bracket. Remove the eight bolts securing the rear isolator assembly. Repeat procedure for opposite side. One jack stand with adapter mounting plate attached is to be positioned under the machine near the cone. The following illustration is the jack stand in position.

Before tilting the machine back see page 7. The newly installed front, left, top isolator plate may not clear the conduit which exits the shell front. Two options are stated on page 7. After performing modification, carefully tilt back while monitoring the clearance between machine parts.



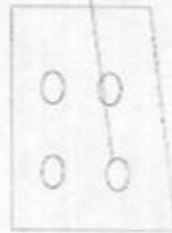
Using the machine's hydraulics tilt back on the machine until the isolator assembly is free. Tilt assembly outward as done previously with front isolators. Use the same procedure on rear assemblies as performed on the front isolators. After assemblies are in place, tilt the machine forward off the tilt stand and tighten bolts.

Install new shock mount brackets. Use front bottom hole for bolting shock.

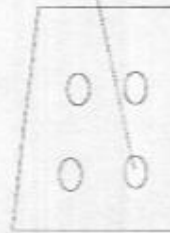
← REAR

FRONT →

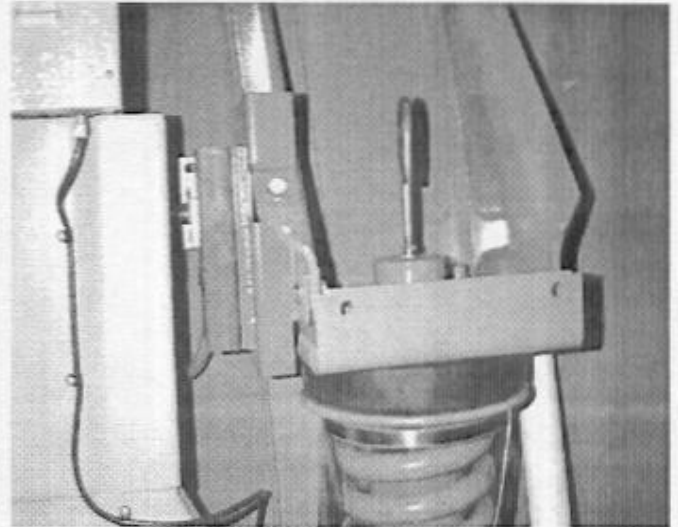
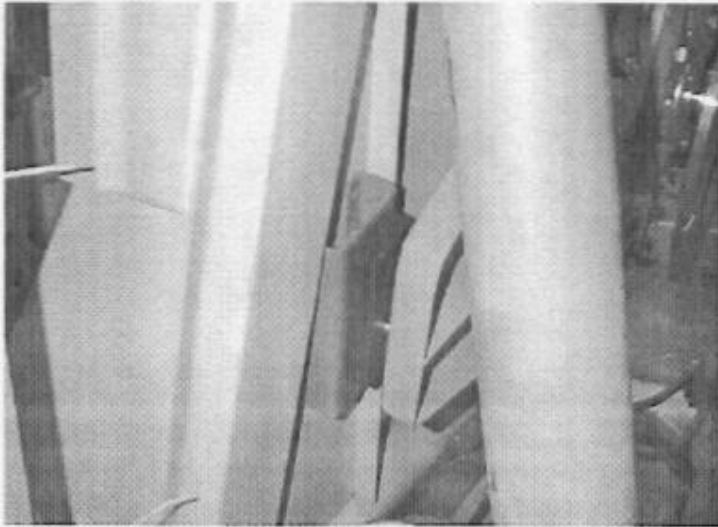
Use this hole of mounting bracket  
for rear shock mounting



Use this hole of mounting bracket  
for front shock mounting



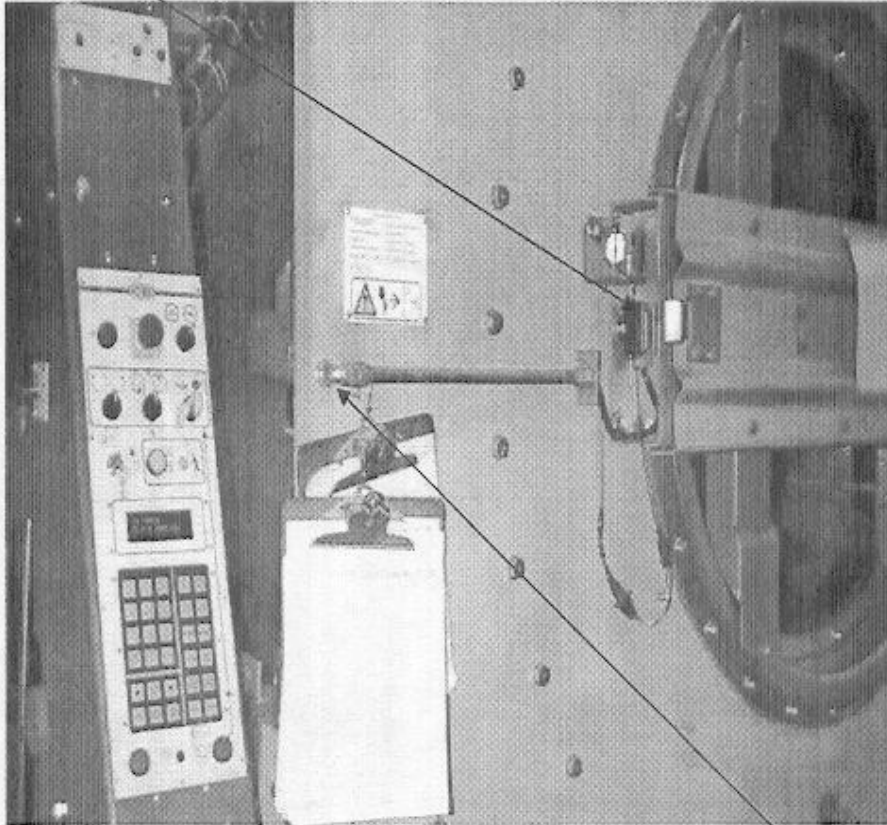
The four tilt stops are replaced in order to properly align components.



The four isolator assemblies are now filled with 42 ounces (1.25 liters) each with 10W30 motor oil. Replace vent tube.



Using a pin pusher disconnect door latch wiring here <sup>HDI6446001/97032</sup>

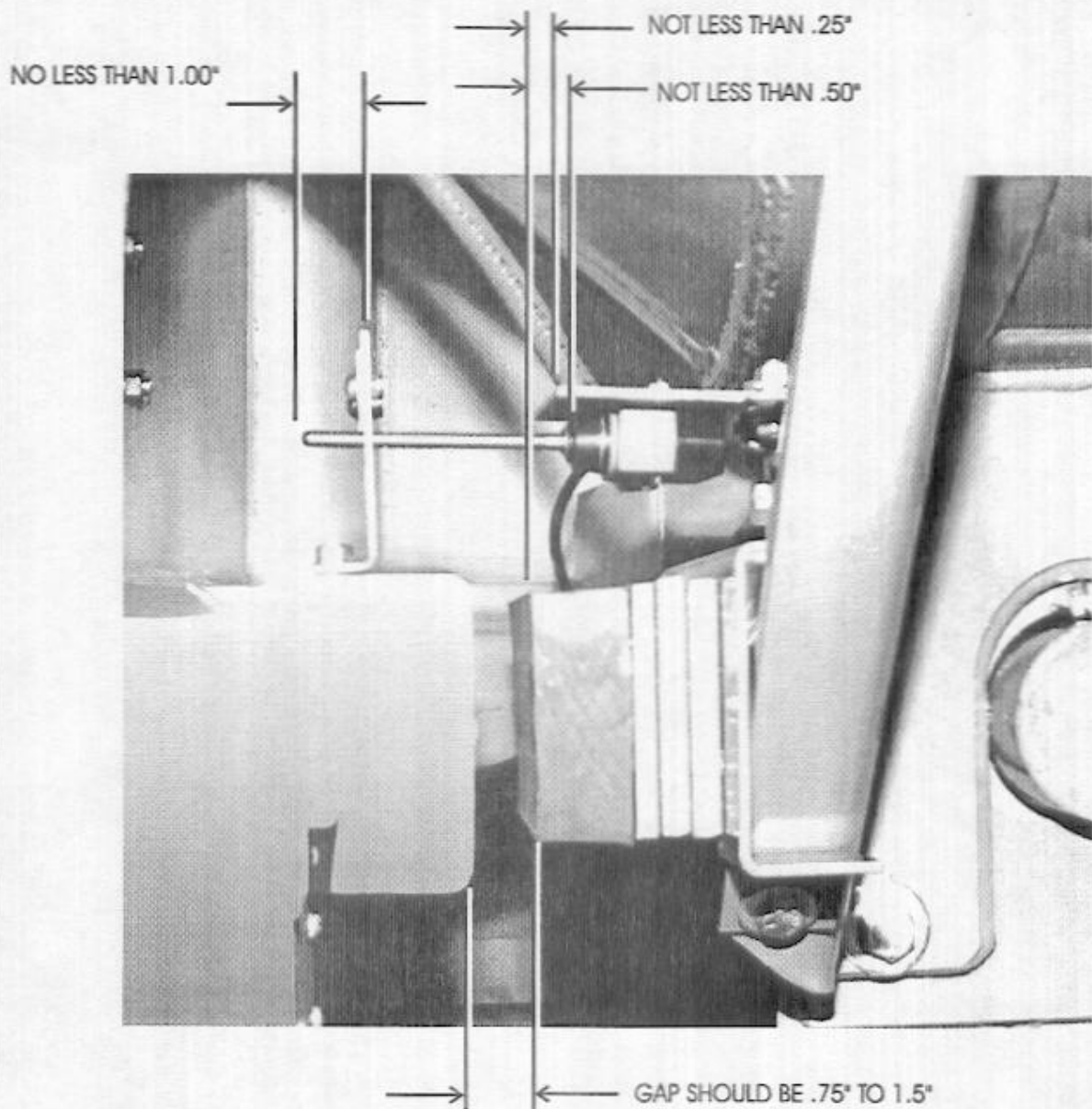


The conduit is routed around the edge of the door  
(hardware is provided)

If you prefer not to reroute the conduit, the top isolator mounting plate on the left front of the machine will need to be notched. The interference can be eliminated by either option.

MILNOR requests that all isolator bodies (top & bottom) be returned to MILNOR using a major carrier and freight collect.

ADDENDUM



PELLERIN MILNOR CORPORATION  
P.O. BOX 406, KENNER, LA. 70063-0406 (SUBURBAN NEW ORLEANS)

DATE : DEC. 10, 1996

6446, 7246/58 EXCURSION SWITCH  
MOUNTING DIMENSIONS