



INDUSTRY-RAILWAY

SUPPLIERS, Inc.

Model HRT-600 "Maul Mender" Handle Repair Tool

Operating Instructions:

- 1) Operate Maul Mender in the Vertical Position
- 2) Secure Maul Mender on a firm surface.
- 3) Open relief valve $\frac{1}{4}$ turn to retract operating plunger.
- 4) Place maul into receiver, with the handle positioned between guide fork.
- 5) Close relief valve.
- 6) Operate pump lever until the maul handle is extracted.
- 7) Open relief valve $\frac{1}{4}$ turn to retract operating plunger.
- 8) Remove maul head from receiver.

NOTE: KEEP HANDS CLEAR OF RECEIVER AND OPERATING PLUNGER WHILE OPERATING DEVICE. ALWAYS WEAR PROTECTIVE GLOVES AND PERSONAL PROTECTIVE EQUIPMENT WHILE OPERATING OR SERVICING DEVICE.

Troubleshooting:

- 1) Operating plunger does not fully extend, Air in system;
 - A) Place Maul Mender in vertical position.
 - B) Open relief valve $\frac{1}{4}$ turn.
 - C) Remove Oil Reservoir Plug, located on side of pump assembly.
 - D) Operate Pump Handle, approximately 10 strokes.
 - E) Close relief valve.
 - F) Reinstall oil reservoir plug.
- 2) Operating plunger does not fully extend, Low Oil.
 - A) Place Maul Mender in vertical position.
 - B) Ensure Operating Plunger is in the retracted position.
 - C) Remove Oil Reservoir Plug, located on side of pump assembly.
 - D) Replenish Oil Reservoir with HYDRAULIC JACK OIL only to level of fill port.
 - E) Bleed air from pump assembly as described in Section 1 above.

IMPORTANT: Use good grade hydraulic jack oil. Avoid mixing types of oil. DO NOT use brake fluid, alcohol, glycerin, motor oil, or dirty oil. Improper fluid causes serious internal damage to the jack rendering it inoperable.

NOTICE: DURING TRANSIT, AIR MAY ENTER THE PUMP MECHANISM.
TO REMEDY PROCEED TO TROUBLESHOOTING SECTION 1.

Patent 5,860,203

INDUSTRY-RAILWAY SUPPLIERS, INC.

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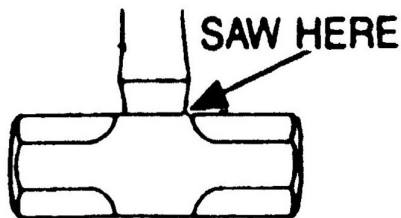


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PLUNGER ORIENTATION WHEN REPLACING



For best results:

Saw off the handle and install into the maul mender pushing on the saw cut end of the handle.

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