



Harsco Track Technologies

Harsco

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SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

DATE: 11-12-2002 **BULLETIN NO:** 02-029

TITLE: BOOM MODIFICATION FOR BOOM IN / OUT CYLINDER # 197763

RATING:

<input type="checkbox"/> DIRECTIVE (Action Is Required)	<input type="checkbox"/> ALERT (Potential Problem)
<input type="checkbox"/> INFORMATION (Action Is Optional)	<input checked="" type="checkbox"/> PRODUCT IMPROVEMENT (Enhance Product)

PRODUCT SERIES / MODEL: RMC305 Series B Super TKO® Tie Remover / Inserter

SERIAL NO: RMC305 Models B2-32 / 33 / 34
RMC305 Models B3-26 / 27 / 28 / 29 / 30 / 31 / 32
RMC305 Models B4-26 were updated at time of assembly.

SUMMARY: It can sometimes be difficult to install or remove the hydraulic fittings from the boom in / out cylinder part # 197763. Therefore when the cylinder is removed, it is recommended that the existing notch in the end of the outer boom section be enlarged to provide better access to the hydraulic fittings.

OPERATIONAL IMPACT: To provide better access to the hydraulic fittings in the boom in / out cylinder part # 197763.

ACTION: Use a cutting torch to enlarge the existing notch in the end of the outer boom section. Then use a hand-grinder to remove any sharp corners, burrs, etc.

CONTACT: If you have any questions or if we can be of any service, please the Service Department at the Columbia, SC. facility, (803) 822-9160.

SAFETY INFORMATION

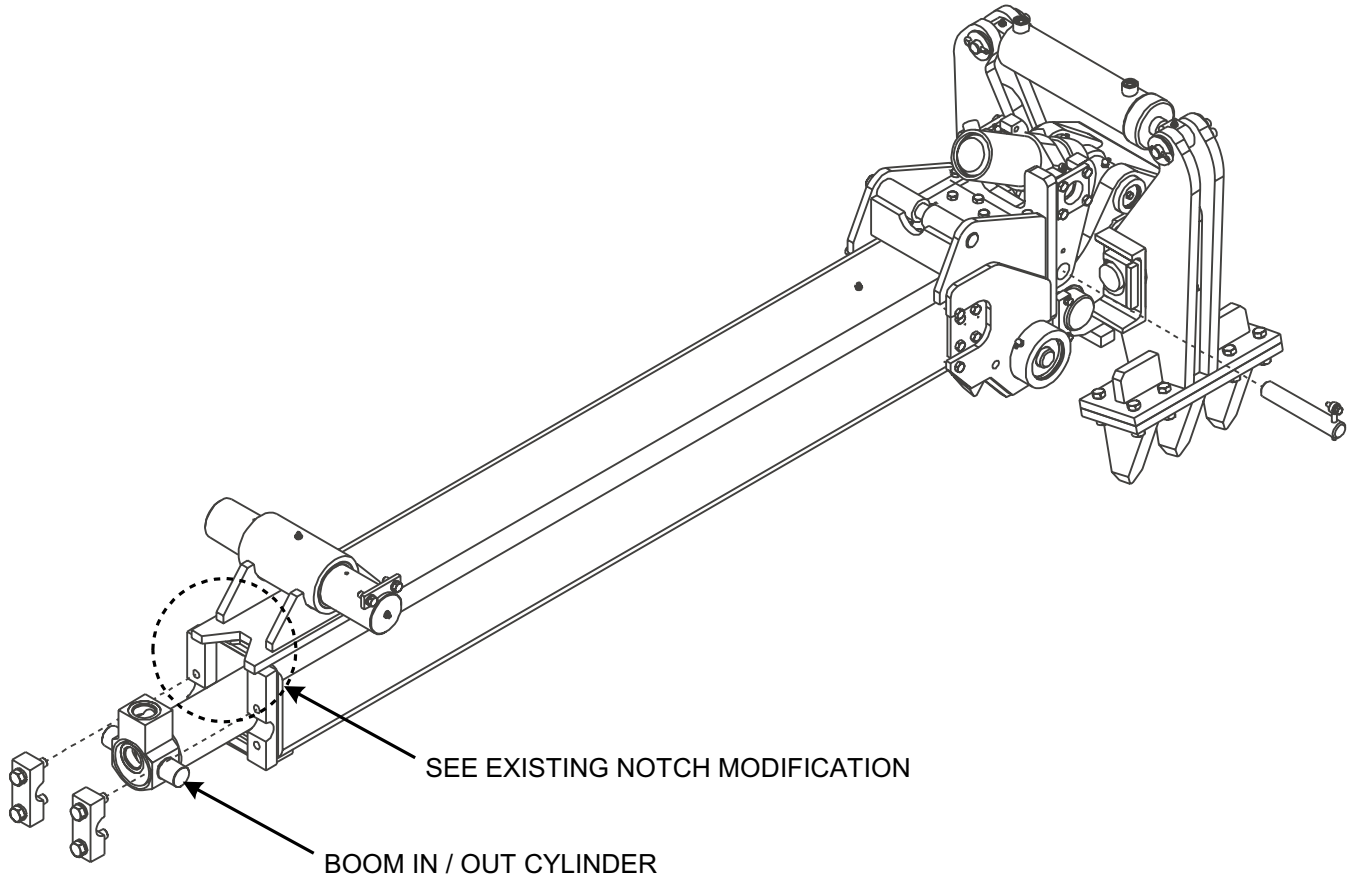
- **FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURE TO REMOVE ALL ENERGY SOURCES FROM MACHINE. FAILURE TO COMPLY COULD RESULT IN SEVERE BODILY INJURY.**

BOOM MODIFICATION - See Figure 1 and Figure 2

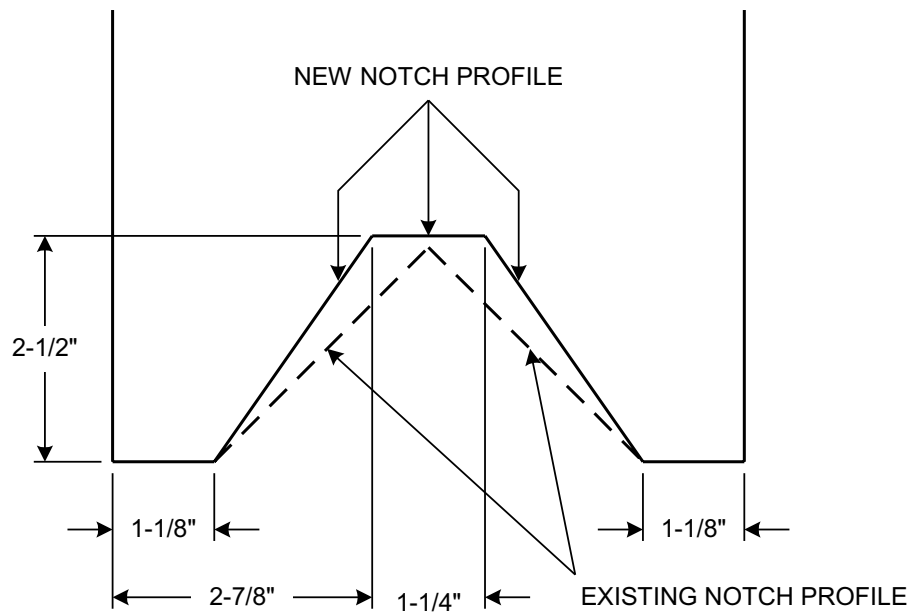
1. The boom in / out cylinder should be removed from the inside of the boom assembly to prevent damage to the cylinder.
2. Use a cutting torch to enlarge the existing notch in the end of the outer boom section to the dimensions shown. Then use a hand-grinder to remove any sharp edges, burrs, etc.
3. Install the boom in / out cylinder inside of the boom assembly and secure to both the inner and outer boom sections re-using the original mounting components. Install the hydraulic fittings in the cylinder ports and reconnect the hydraulic lines.

BOOM MODIFICATION

**FIGURE 1
BOOM ASSEMBLY**



**FIGURE 2
EXISTING NOTCH MODIFICATION**



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415 North Main Street
Fairmont, MN
56031-1837
Tel: (507) 235-3361
Fax: (507) 235-7370

2401 Edmund Road, Box 20
Cayce-West Columbia, SC
29171-0020
Tel: (803) 822-9160
Fax: (803) 822-7471

200 South Jackson Road
Ludington, MI
49431
Tel: (231) 843-3431
Fax: (231) 843-4830

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