



Service Bulletin

Maintenance of Way Equipment

Date: 10/30/2018

RRP Service Bulletin No: RRP SB339

Title: Push Tool Replacement (RRP# 793040)

Rating:

ALERT

(Potential Problem)

INFORMATION

(Action Is Optional)

DIRECTIVE

(Action Is Required)

PRODUCT IMPROVEMENT

(Enhance Product)

Product Series: Advance Tie Plate Inserter [ATPI]

Serial No:

- ATPI-002-17
- ATPI-003-17
- ATPI-004-17
- ATPI-005-17
- ATPI-006-17
- ATPI-007-17
- ATPI-011-18
- ATPI-012-18

Summary: The previous Push Tool assembly interfered with the tie plate inserter operation. The Push Tool replacement corrects this issue.

Action: Follow the instructions on the next page to replace the Push Tool assembly.

Completion: Continue with normal machine operation after completing this procedure

Instructions

Lower center jack plate to access cylinders and push tools.

1. Remove the cotter pin, clevis pin and washers from each cylinder (4) places.
2. Remove the Pusher Tool Assembly (2) places.
3. Remove the screws, roll and dowel pins from the push tools to remove the wedge pushers.
4. Remove the rods from each Push Tool Assembly.
 - Return the pusher weldments to Racine Railroad Products.
 - Install removed guide rods and wedge pusher on supplied weldment. Note: Be sure to install roll pins.
 - Apply Primer T and Loctite 242 onto each rod before installing the rods onto the supplied Push Tool weldment.
5. Disconnect hydraulic hoses and cables from the cylinders, **take note of what cable go to the left and right so they can be correctly reconnected.** After disconnecting the cables from each existing cylinder, remove the hardware, guard, spacer and hydraulic cylinder.
6. Remove all fittings from the cylinders and remove the bulkhead bracket on the opposite end.
 - Return the hydraulic cylinders to Racine Railroad Products.
7. Install the supplied cylinders, pushers and cotter pin in the reverse order, connect hoses and cables to the correct cylinders and verify connections before testing.
8. Install split collar onto the large hydraulic cylinder before raising assembly. It may be necessary to grind the bottom of latch plate to allow latching when assembly is raised, do not grind latch hook.

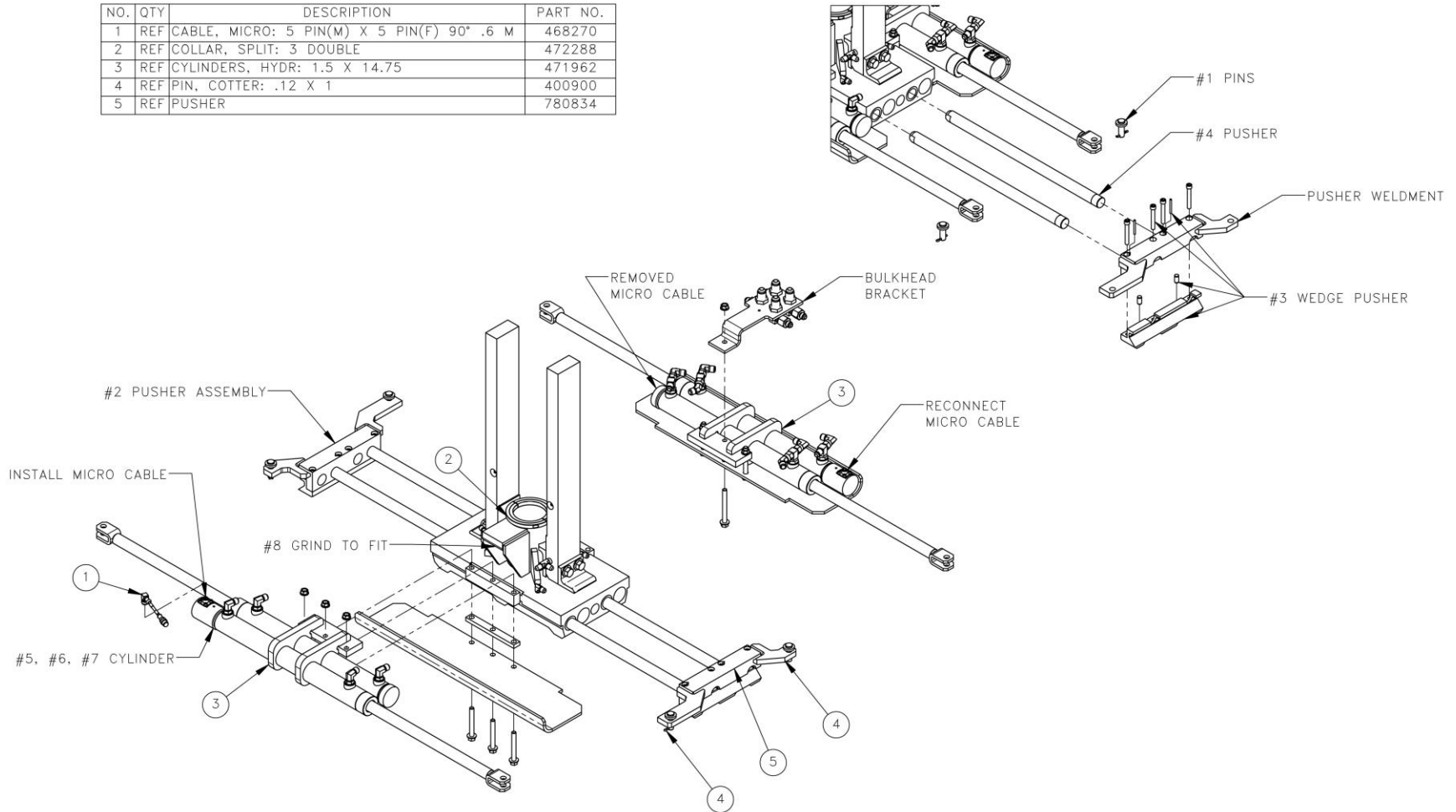
Note: During reassembly of the hydraulic cylinders onto the center jack foot, the micro-cable that was connect to the left-hand center jack insert cylinder most rearward needs to be moved and reconnected to the forward left-hand insert cylinder that was previously not connected.



RACINE RAILROAD PRODUCTS

Racine Railroad Products
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Mount Pleasant WI, 53403
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NO.	QTY	DESCRIPTION	PART NO.
1	REF	CABLE, MICRO: 5 PIN(M) X 5 PIN(F) 90° .6 M	468270
2	REF	COLLAR, SPLIT: 3 DOUBLE	472288
3	REF	CYLINDERS, HYDR: 1.5 X 14.75	471962
4	REF	PIN, COTTER: .12 X 1	400900
5	REF	PUSHER	780834





Contact: If you have any questions or we can be of any service, please contact the Racine Railroad Products service department at (262)-637-9681 or custserv@racinerailroad.com.

Safety Terms



DANGER indicates a hazardous operating procedure, practice, or condition. If the hazardous situation is not avoided death or serious injury will occur.



WARNING indicates a hazardous operating procedure, practice, or condition. If the hazardous situation is not avoided death or serious injury could occur.



CAUTION indicates a potentially hazardous operating procedure, practice, or condition. If the hazardous situation is not moderate or minor injury could occur.

Note: Indicates an essential operating procedure, practice, or condition. No personal injury is possible.