



750J & 850J PAT BLADE Backup Ripper Installation Instructions

These installation instructions are written for a 850J & 750J PAT BLADE. Installation on any other crawler dozer or blade may require further modification during installation.

Warranty/Liability For 750J & 850J PAT Blade Backup Rippers

All parties involved must be fully aware:

Vail Products has been notified by engineers within the John Deere Construction, Crawler Division, that the use of backup rippers on 750J OR 850J PAT blades, may lead to damage or failure of the blade, hydraulics, frame or other structural parts on the 750J/850J or PAT blade system, due to added stresses for which the design of the blade, or other crawler substructures was not intended. John Deere therefore does not recommend, and indeed discourages use of backup rippers on these systems. Vail urges you to contact your John Deere dealer or O.E.M. for further clarification before installing backup rippers. Vail Products accepts no responsibility or liability for the installation of backup rippers on any blade system, and warranties only the backup ripper, shank and other Vail structural components.

Liability, if any, is limited to replacement parts or material found to be defective, that will be furnished free of charge and shipped by transportation of our choice, F.O.B., our shop. No allowance or claim of any nature will be paid resulting from alterations or repairs of the product, including labor, and in no event shall seller be liable for any special, contingent or consequential damages.

Vail Products has designed these backup rippers to fit the rear profile of your dozer blade. The placement along the width of the blade is up to the user. **USE CAUTION IN PLACEMENT OF THE BACKUP RIPPERS ON PAT BLADE. WHEN CHOOSING PLACEMENT OF YOUR BACKUP RIPPERS, VERIFY THAT THE FULL MOVEMENT OF THE BACKUP RIPPER SHANKS DOES NOT INTERFERE WITH THE PERFORMANCE OF YOUR PAT BLADE.**

- 1) After choosing the placement of your backup rippers, you may need to remove gussets from the bottom of the blade. After removing any gussets, grind the welds and excess gusset material smooth with the bottom of the blade.
- 2) Tack weld the housings in the desired locations. Some minor notching of the backup ripper housings may be necessary to clear any blade gusset plating. This is dependent upon blade width and the desired location for installation of the backup ripper housings.
- 3) When all backup rippers are tack welded in position, the shanks should be installed and checked for swing clearance while the blade is moved through its complete range of motion in all possible positions.
- 4) Once proper clearance has been verified, the ripper housings must be fully welded before use.
- 5) Enjoy your quality VAIL backup ripper. Please contact VAIL if you have any questions about installation or other quality products.

Thank You for purchasing a Genuine VAIL Product.

www.vailproducts.com

800-375-8245

