

ADJUSTMENT INSTRUCTIONS

for DELTA 'P' OVERLOAD VALVE 28446-S

This instruction sheet provides information for service personnel to replace the existing Delta 'P' Overload Valve and adjust. Use this sheet in conjunction with the appropriate winch Parts, Operation and Maintenance Manual for the model on which the replacement valve will be used.

ADJUSTMENT INSTRUCTIONS

Removal of Existing Valve



- Shut off main air supply to winch and bleed air lines before conducting any service work on the winch or controls.

Refer to appropriate winch Parts Operation and Maintenance Manual for the model on which the replacement valve will be used.

1. Properly mark all hose connections on existing valve before removing from winch.
2. Disconnect and remove fitting and hose connections to valve.
3. Remove capscrews attaching valve to winch. The place of attachment may vary depending upon winch model.
4. Properly discard existing Delta 'P' Valve.

Installation and Adjustment of Replacement Valve

1. Attach fittings and marked hose connections to valve. Temporarily attach valve to winch so adjustment screw is fully accessible to make adjustments.



- Do not use utility ratings for Man Rider applications unless using winch in a non-Man Riding capacity.

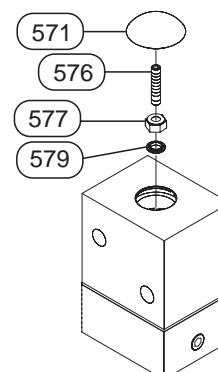
NOTICE

- The approximate rated load to be lifted is needed before adjustments to valve can be made.
- It is recommended to adjust valve so winch is just able to lift rated load.

Refer to Dwg. MHP2441 and MHP2442 on page 1.

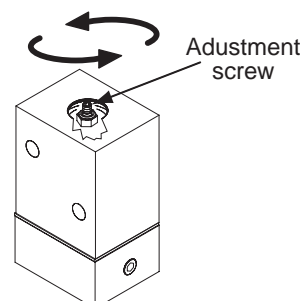
1. Remove Plug (571) from valve assembly.
2. Loosen jam nut (577).
3. To lift heavier load, turn adjustment screw (576) in a clockwise direction.
4. To decrease load turn adjustment screw (576) in a counterclockwise direction.

5. Hold adjustment screw (576) in place while tightening jam nut (577).
6. Re-install plug (571).
7. Test and make final adjustments when winch is installed in desired application.
8. Install valve to winch using existing capscrews after desired adjustments have been completed.



(Dwg. MHP2441)

Item No.	Description of Part	Total Qty	Part Number
571	Plug	1	71387211
576	Adjustment Screw	1	71386809
577	Jam Nut	1	71386817
579	Diaphragm	1	28443



(Dwg. MHP2442)

Form MHD56253

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