

Installation Instructions

Cold Storage IHR Bracket



This sheet provides instructions for installing a cold storage upper IHR bracket without disconnecting the auxillary mast hoses. Special care must be taken to prevent the hoses from exceeding the minimum bend radius causing a break in the internal wire braid otherwise known as a "kink".

Notes: The brackets used in the pictorials below are for dual function IHR. Single function IHR brackets do not include the 2 lower sheaves.

I. REMOVAL OF EXISTING COMPONENTS.

If the mast is equipped with a chain slack valve, disregard step 1 and begin at step 1A.

1. Raise mast until inner rail weldment is approximately 6" above the outer rail weldment.
- 1A. If the mast is equipped with a chain slack valve, place a strap around the upper inner crossmember and use a crane to lift the inner weldment as shown in figure 3.
2. Place blocks underneath the inner rails as shown in figure 1 and lower the mast until the rails rest on the blocks. (This will cause the IHR hoses to become slack)
3. Loosen the 2 bolts that hold the bracket in place.
4. Remove the original bracket.
5. Remove hoses from the original bracket (if the mast is equipped with double function internal hose reeving, the lower sheaves will require removal as shown in figure 2).



FIGURE 1

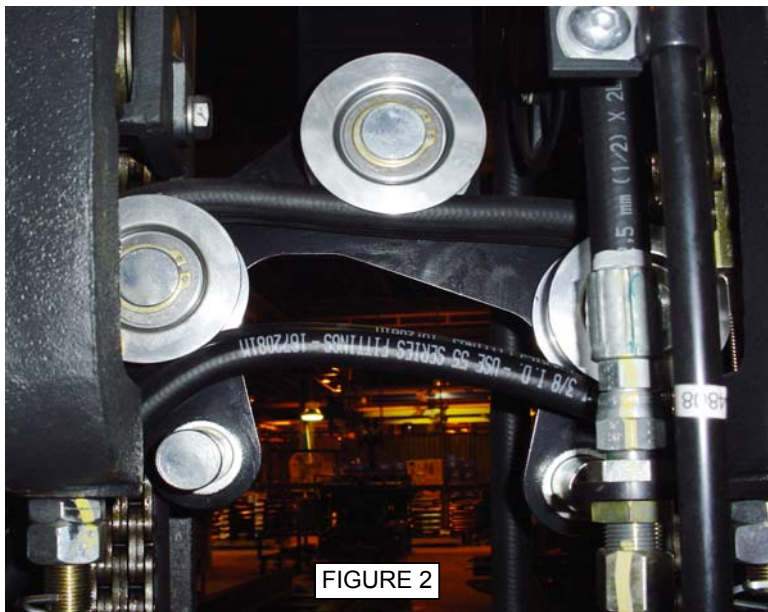


FIGURE 2



FIGURE 3

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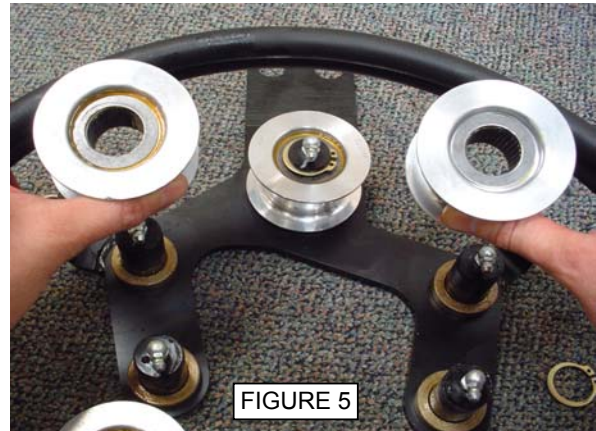
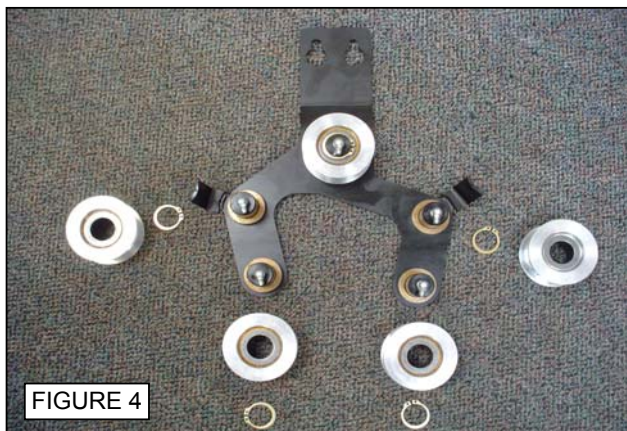
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II. COLD STORAGE BRACKET INSTALLATION

1. Remove outer sheaves from the new bracket as shown in figure 4.
2. Route the hoses over the new sheaves and reinstall sheaves onto bracket as shown in figure 5.
(If the mast is equipped with dual function IHR, repeat this step for the lower hoses and sheaves)
3. Reinstall new bracket with existing hardware and torque bolts to 30 ft/lbs (41 N•m).
4. Inspect hoses to ensure that none overlap the others.
5. Raise mast and remove block from underneath inner weldment.
6. Raise and lower mast several times to ensure proper hose tracking and tension.



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