

## Harpoon Interference with Traveling Block

### Affected Units

Top drives with portable, folding torque guides with a crown hanger and harpoon.

### Issue

During installation or removal of top drive and portable torque guide for transport (rigging-up or down), the harpoon could potentially interfere with the traveling block.

### Recommendation

To prevent contact or damage between the harpoon and traveling block during installation or removal of top drive and portable torque guide (raising or lowering), it is recommended to secure the harpoon to the back of the mast using a wire rope sling.

### Rigging Down

When rigging down the portable torque guide, after the torque guide is unlatched from and clear of the harpoon (see Figure 1), the harpoon can be secured with a restraint wire rope sling to the back of the mast. (see Figure 2 on page 2). If the harpoon is to remain in the mast during transport, the restraint should be left in place to secure the harpoon.

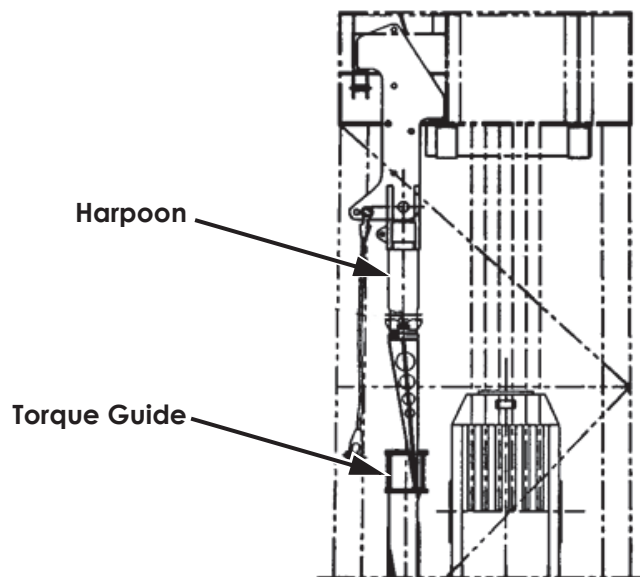


Figure 1: Torque guide unlatched from harpoon

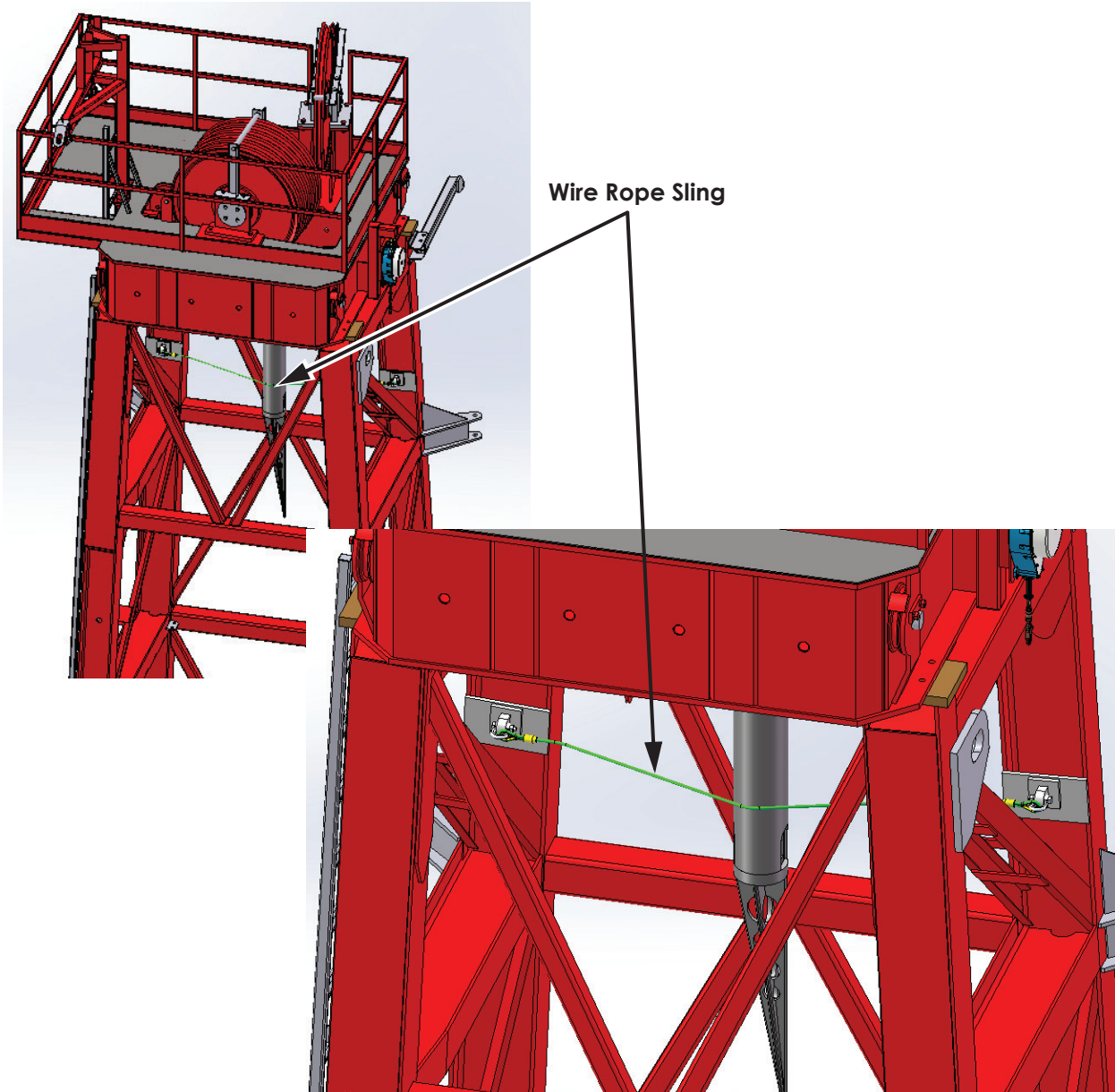


Figure 2: Suggested harpoon restraint

## Rigging Up

When rigging up, ensure the restraint is in place prior to raising the portable torque guide. All precautions should be taken to ensure the traveling block does not make contact with the harpoon while the portable torque guide is being raised. The harpoon restraint (wire rope sling) must be removed prior to stabbing the harpoon into the portable torque guide.