

MudOx™ Installation Instructions for Case IH®



MudOx™

COMBINE CABLE KIT

MINNEHAN METAL WORKS

SOLD BY:





READ FIRST

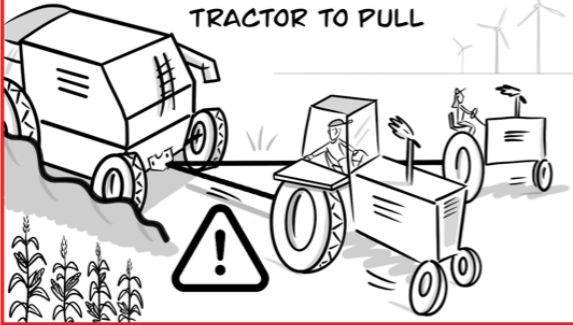
DON'TS FOR THE MudOx™

DON'T USE MUDEX FOR TOWING OTHER EQUIPMENT



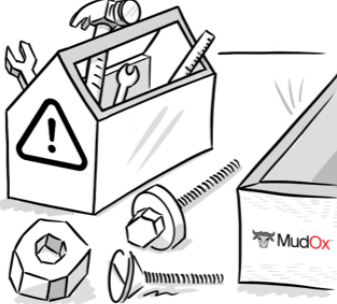
DON'T JERK EQUIPMENT OR PULL SIDWAYS

DON'T USE MORE THAN ONE TRACTOR TO PULL



DON'T ALLOW BYSTANDERS ON THE GROUNDS

DON'T MODIFY KIT



DON'T PULL WITH ONLY ONE BRACKET

MudOx™ Installation Video for Case IH®

<https://www.youtube.com/watch?v=0bhP8-tOL5E>



2 - Front Pull Brackets



8 - 7/8 x 10 Bolts
16 - 7/8 Flat Washers
8 - 7/8 Lock Washers
8 - 7/8 Nuts



2 - Backer Plates



2 - 12 Ton Clevis



2 - 1" Cables



2 - Wires



Rear Bracket



2 - 3/4 x 12 Threaded Rods
2 - 3/4 Lock Nuts
2 - 3/4 Nuts
2 - 3/4 Lock Washers
2 - 3/4 Flat Washers
2 - Oversized Flat Washers



2 - Cable Stops



4 - 3/8 x 5 1/2 Bolts
8 - 3/8 Flat Washers
4 - 3/8 Lock Nuts



2 - Rear Hangers
2 - 1/2 x 1 1/2 Bolts
2 - 1/2" Lock Nuts



2 - 5/8 x 10 Threaded Rod
2 - 5/8 Lock Nuts
2 - 2 1/2 Inch Flat Washer
2 - 5/8 Lock Washers
2 - 5/8 Nuts



2 - Keeper Pins



1 - 14 Ton Long Reach Clevis

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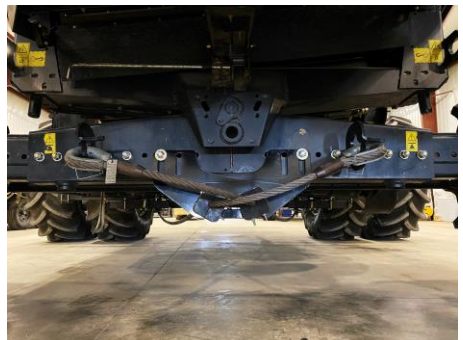
Pull Bracket Installation

1. Position one pull bracket on the front side of the main axle tube towards the outer end. The bend in the bracket should angle away from the tire.
2. Use one backer plate on the back side of the main axle tube.
 - a. Starting on top two holes, install 2 - 7/8" bolts, flat washers, lock washers, and nuts loosely.
 - b. Install 2 - 7/8" bolts, flat washers, lock washers, and nuts on bottom slots loosely.
 - c. Once the bolts are all in slots, raise bottom bolts as high as possible and tighten slightly.
 - d. Evenly tighten all bolts.
3. Slip 12-ton clevis through the cable eye and pin to bottom of pull bracket.
4. Install wire through hole of pin and wire to clevis to keep from working loose.
5. Repeat on other side.



Rear Bracket and Cable Stop Installation

1. Install 3/4" lock nut on the end of each threaded rod.
2. Put a regular 3/4" flat washer on your threaded rod and slip it through either slot on your rear bracket. Line it up and insert it through the hole on the rear axle.
3. Put a regular flat washer on the other threaded rod.



Swing the rear bracket up into place and slip the threaded rod through the slot of the rear bracket and the hole on the rear axle.

4. Use an oversized washer, a 3/4" lock washer, and a 3/4" nut on the back side of each threaded rod and tighten it up.
5. Pull the cables through the slot in the rear bracket. You will need another person for the next step.
6. While one person is pulling tension on the cable, the other will tighten up the bolts on the cable stop. Leave as little slack as possible. This will keep your cables from dragging on the ground.
7. Repeat with other cable and cable stop.

Cable Hanger Installation

1. Use 1/2" x 1 1/2" bolt and 1/2" lock nut to put together each cable hanger.
2. Install 5/8" lock nut on one end of 5/8" stud and insert through hole in cable hangers.
3. Insert 5/8" stud on cable hanger through hole of your choice in the back of rear axle.
4. Use 5/8"x2 1/2" flat washer, lock washer, and nut.
5. Tighten nuts.
6. If the cables seem long, cross them, and hang the left front cable on the right cable hanger, and the right front cable on the left cable hanger to take up slack.
7. Install keeper pin on each hanger.



Using The MudOx™ To Pull A Combine Out Of The Mud

1. Agree with other driver on stop signals
2. Empty grain tank
3. Remove cables from hangers
4. Bring cables to the center
5. Install long reach clevis through the cable eyes
6. Pin tow rope in the end of long reach clevis
7. Pull straight, slow, and steady

Be informed of safe towing practices. Train employees to follow the practices and towing information. Keep children out of the area.

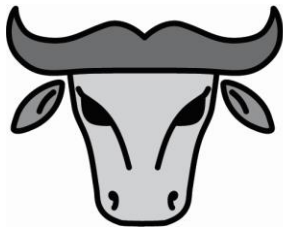
The Clear Zone

The clear zone is the only area around the extraction that is safe. Only two people - the operator of the towing vehicle and the driver of the stuck equipment - should be in the vicinity of either vehicle as it begins to tow. Everyone else is nonessential to the extraction process, which means they need to clear the area. Nobody should be in the area under any circumstances when work is in progress - that includes keeping people out of the passenger seats of both vehicles.

You should always establish a circular clear zone around the entire area of at least 100 feet to avoid flying debris. Don't allow any bystanders within 100 feet of the work area. And if you are using an extra-long rope, keep spectators even farther away. As a rule of thumb, ask that all nonessential personnel watch the extraction from either side of the working area (not the front or back). If something goes wrong, it's more likely that flying debris will go forward (toward the towing vehicle) or backward (toward the towing stuck vehicle) than to the side. You could also place another vehicle between the spectators and the clear zone and ask the bystanders to stand behind the vehicle in case any debris starts flying. – from Purdue Extension- Extracting Stuck Equipment Safely

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Minnehan Metal Works, LLC



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For Technical Support Call

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