



Roll Tarps

CIH 80, 88 series Combine Roll Tarp

Installation Instructions

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Installation Instructions

The CIH 80, 88 series Bin Extension and Roll Tarp is easy to assemble and operate. To begin the installation procedure ...

1. Lay the 4 panels on the ground in a square shape. The rear slope with the horn-shaped tubing (spring tube) will be at the back with the front slope (minus the tubing) at the front. The two remaining pieces (the "gable ends") will be on either side. Once the 4 pieces are properly arranged, fasten them together with the 12 – 3/8" x 1" bolts provided.
2. Attach the bows to the front and rear slopes using the 1/4" x 2" bolts.
3. Place the roll tarp on top of the extension towards the front with the smaller tube facing forward or away from the spring tube. Using the tarp clamps and 2 – 3/8" x 1-1/2" bolts, attach the smaller tube to the front of the extension by placing the tube in between the half-circle of the clamp and the front of the extension. Center the tarp on the extension prior to tightening the clamp. Keep the tarp rolled up and resting against the tarp clamps.
4. Slide a cable spool (round pipe with set screws) on each end of the roll tube. Be sure that they are oriented similarly on both sides. With the set screws, tighten the cable spools onto the tube with the middle of the spools approximately lined up with the end of the spring tube.
5. Next, take one of the two steel cables and put the looped end through the spring tube until it sticks out of the other side. Then, attach both of the springs in succession and then the loop end of the other cable. Pull on the first cable until the springs are approximately in the middle of the tube. Pound in the black cable guides with a mallet until seated in the square tubing (some plastic will tear off to ensure a tight fit). Once the length of the cable is evened, wrap the cable around each cable spool 3 times (when the tarp is shut). The cable should come around from the bottom and the tab on the end will slip into the slit on the spool.

6. Attach the 1/4" weather stripping to the underside of the 1" lip on the bottom of the extension prior to installing it on the combine.
7. Lift the extension on top of the combine making sure the spring tube is at the rear of the combine.
8. Using the 4 - 1/2 x 5 1/2 bolts and angle irons provided fasten down the extension by sliding one bolt through each of the 4 bolt brackets and hooking the angle iron on underneath the lip of the combine bin.
9. Attach the long angled shield to the right side of the extension covering the similar gap between the bin and the extension. Also place the over auger shield in place at this time.
10. The shield with the hinges should be placed on the outside of the extension covering the space near the operators platform looking into the bin. The last shield rests under the unloading auger and only attaches to the combine; it does not connect to the extension.
11. Attach the crank handle holder bracket ("A" frame with the latch on the top) to the right side of the combine on the front flange of the clean grain elevator, (holes will need to be drilled into the flange) so the bracket extends beyond the side of the combine several inches.
12. Place the universal joint into the roll tube on the right side and secure it with the, 1/4" x 2-1/4" latch pin. You may adjust the crank handle tubing in the u-joint tubing 1/4 turn at a time to make the handle fit properly into the handle holder.
13. Once the roll tarp is operational open and close the tarp several times. When the tarp is in the closed position, the roll tube should sit on top of the tarp rests (flat plate on rear) and underneath the locking rods. If it does not sit properly, loosen the tarp clamp bolts and roll up the tarp material on the small roll tube and then re-tighten the tarp clamps.
14. The Tarp is now ready to use.

Supplemental Instructions for Springs and Cables

1. Insert the **loop** end of one cable into the end of the spring tube (the tube that looks like horns pointing down) until it comes out the other side
2. Attach both springs in succession and then the loop end of the other cable. Pull springs into spring tube and tap the cable guides into the ends of the spring tube, even out the cables
3. Wrap the first cable around the cable spool (3) times passing the cable under the spool first so as to allow the cable to roll onto the spool during operation. Insert the cable stop into the slot on the cable
4. Pull the end of the other cable and wrap it around the other spool (3) times also
5. This should now have the right amount of tension in the springs but if the cable becomes loose at any point during the operation of the tarp, add an extra wrap or two in order to keep tension at all times
6. If the cable is too tight at the closing end then un-wrap one or two wraps until the desired compromise is found

CIH 2388 Bolt Pack Contents

4	1/2 x 5-1/2 bolts	For bolting fully assembled extension down to combine
4	Angle iron brackets	For clamping the assembled extension down to the hopper
14	3/8 x 1 bolts, locknuts	For bolting corners of extension together, and 2 for the crank handle holder bracket
2	3/8 x 1-1/2 bolts, locknuts	For attaching tarp clamps to the front of tarp frame
4	5/16 x 2 bolts, washers, locknuts	For attaching the bows to the extension panels
20	5/16 self tapping screws	For attaching the shields to the front corners of the hopper and the auger cover plate
2	Black strapping	Connecting the peak of the gable to the outermost tarp hoop (To support the tarp)
1	1/4" latch pin	For connecting the u-joint to the tarp pipe