

INSTALLATION GUIDE



TX31 Drawbar Add-on Kit

- Align the end of the drawbar shown in (Fig. 1) with the baler's top link bracket. The drawbar will fit inside the baler's top link bracket and will be supported by the welded tabs on each side. Once aligned, you can insert the top link pin through the baler's top link bracket going through the drawbar's holes. Secure the top link pin with a retaining clip seen in (Fig. 2).



Figure 1



Figure 2

- Locate the crossbar with multiple holes and category 1 pins on each end. Attach this crossbar to your tractor's lower three point hitch lift arms by inserting the pins into the lift arms as shown in (Fig. 3). Make sure to secure them with the retaining clips once installed (Fig. 4).

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Figure 3



Figure 4

- Align the crossbar where it can be placed inside the opening of the drawbar's hitch pin receiver. Once aligned, install the pin and washer from the top and the washer and retaining clip from the bottom as shown in (Fig. 5). Raise the 3-point hitch to remove the weight of the baler from the support stand. Lift the support stand and secure it with the retaining clip as seen in (Fig. 6).



Figure 5

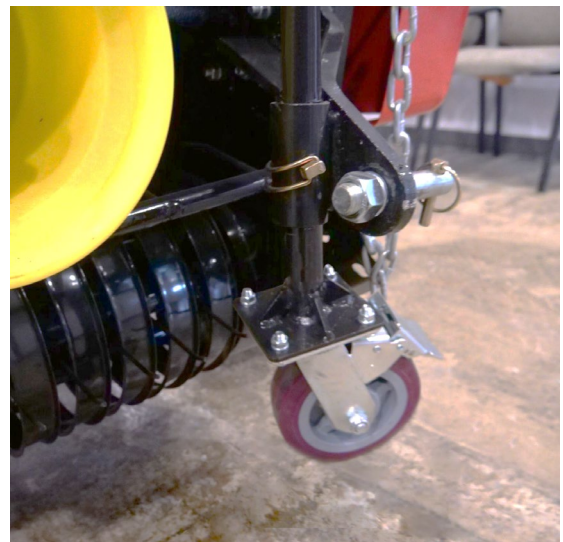


Figure 6

- Attach the new, longer PTO shaft that came with the drawbar kit to the baler and then to the tractor. Ideally, you should have a minimum of 3 inches of

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clearance from the top of the PTO shaft to the bottom of the hitch pin receiver as shown in (Fig. 7).



Figure 7

IMPORTANT

Make sure that the bottom of the hitch pin receiver never comes into contact with the top of the PTO shaft, including during operation.

- Attach the support chain, which prevents the possibility of the drawbar coming in contact with the PTO shaft during operation. It also helps keep the crossbar parallel to the ground and supports the 3-point hitch lift arms to keep them from sagging. First, connect the large clevis onto the crossbar in the next open hole and secure it with the safety pin and retaining clip as seen in (Fig. 8).

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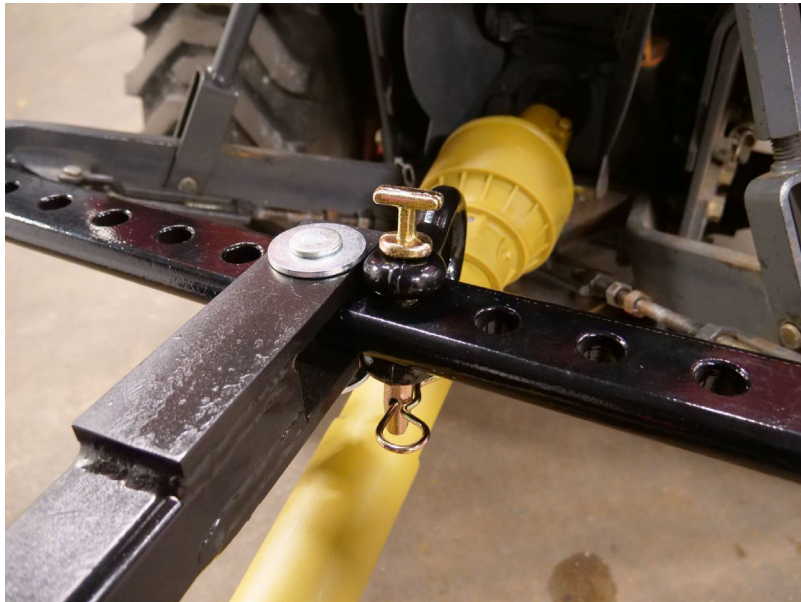


Figure 8

- If you have a top link installed, remove it and attach the end of the chain to one of the tractor's top link brackets using one of the smaller clevises as shown in (Fig. 9). Then thread the chain through the larger clevis and then back to the other top link bracket on the tractor. Attach the second smaller clevis to the other top link bracket. Select a different chain link as needed to ensure that the chain is mostly snug, as seen in (Fig. 9).



Figure 9

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- Lower the three point hitch arms so that the chain is taut and is supporting the weight of the drawbar as seen in (Fig. 10). Be sure to check the chain so that there isn't too much excess hanging from the small clevis attached to the tractor's top link, to where it may come in contact with moving components and cause serious harm or damage to equipment and/or people. Make sure that you still have a minimum of 3 inches of clearance between the top of the PTO shaft and the bottom of the hitch pin receiver as mentioned earlier. If not, reinstall the chain with a shorter length by selecting a different link.



Figure 10

- The kit comes with longer pull ropes for the tailgate release and net feeding (for net wrap balers). Check to see if you can reach the existing ropes with the drawbar kit installed and, if not, replace with the longer ropes.