

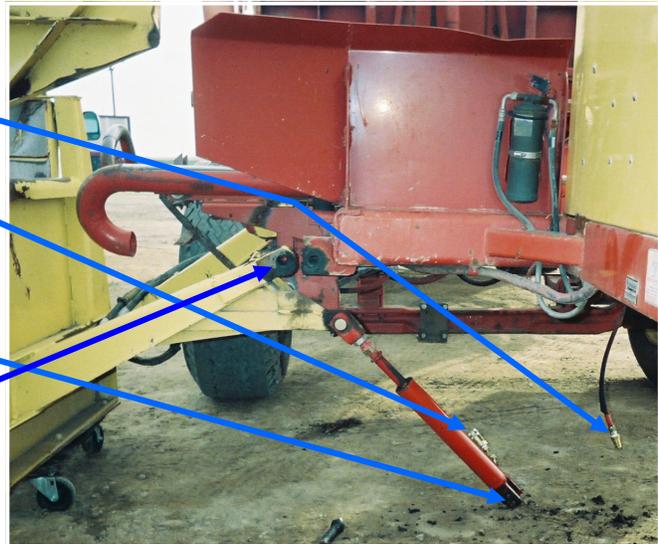


***MIL-STAK***  
***Installation Manual***  
***for***  
**1095**  
**Bale Wagons**

Install 1/2" quick couplers on bulkhead fittings and on small bale loader motor hoses (the female quick coupler on top bulkhead fitting and the male quick coupler on lower bulkhead fitting)



Install 3/8" quick couplers on small bale loader cylinder (the male quick coupler on hose and the female quick coupler on cylinder)



Remove 1" cylinder pin from base end of cylinder.

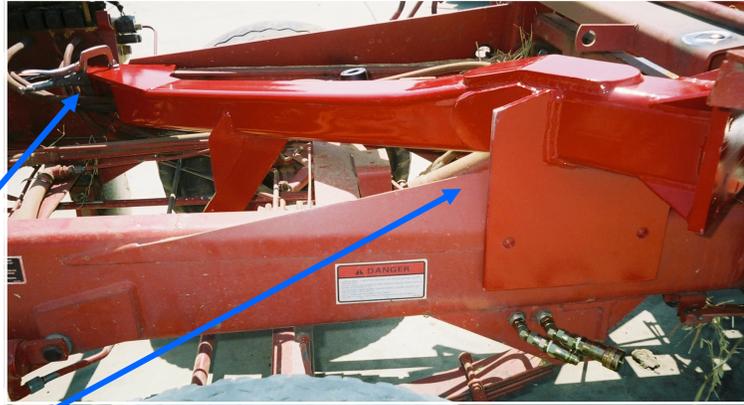
Remove 1" bolts from small bale loader pivots. And set small bale loader aside.

Install 3/8" quick couplers on cross chain motor fittings and on cross chain motor hoses. (the female quick coupler on top fitting on motor and the male quick coupler on lower fitting on motor)



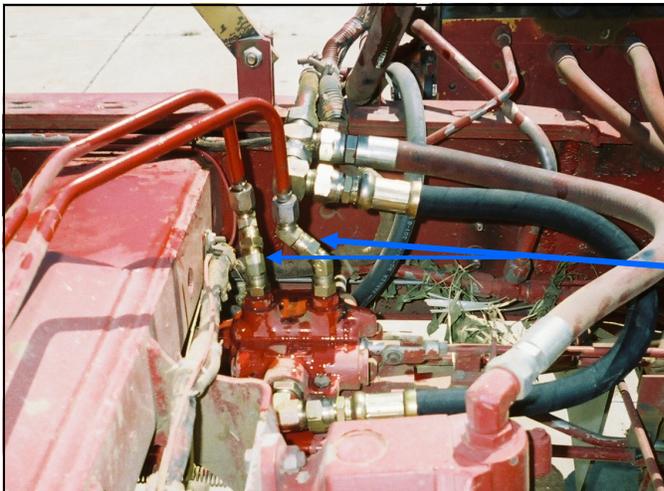
Place mounting bar across frame rails as shown.

Make sure the tail end of the mounting bar is against left frame gusset and the head end is setting on right frame gusset all the way forward as far as it will go.



Clamp mounting bar in place making sure that the tail end of the mounting bar is tight against top of left frame rail. ( this set the pitch of the mounting head ) Drill the four 3/4" holes and bolt in place using the 3/4" x 2 1/2" grade 8 bolts on left side and the 3/4" x 4" grade 8 bolts on the right side.

### Preparing for the 2nd table booster



By using the four 45 degree *JIC* adapters raise the two 1/2" steel lines up to make room for the booster bracket to slide under



Slide booster bracket into place, center as well as possible and clamp. Then carefully lower 2nd table all the way down and center booster rollers on 2nd table frame rails. ( be sure to check both side )

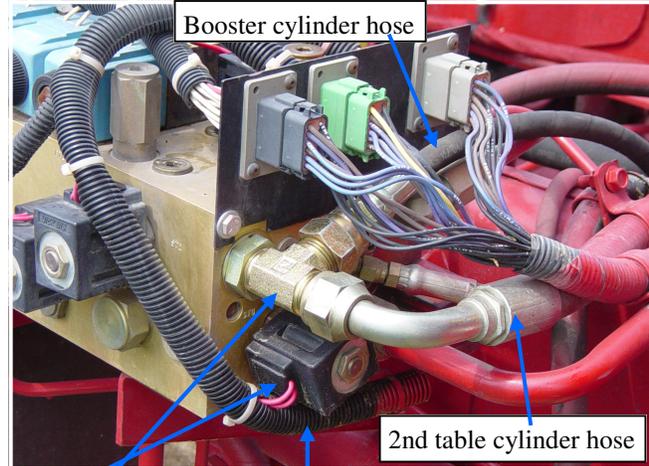


Raise the 2nd table back up and drill the four 5/8" holes completely thru the bale wagon cross-member and bolt on the 2nd table booster using the four 5/8" x 6" grade 8 bolts

Route Booster cylinder hose over to back of main valve block on left frame.

With 2nd table up, **and resting on the safety stop** disconnect 2nd table cylinder hose from valve block.

Temporarily remove solenoid coil. Remove short #12 O-ring nipple and replace with #12 O-ring "T". Replace solenoid coil.



Connect the booster cylinder hose to the side of the "T" and the 2nd table cylinder hose to the end of the "T"



With air bag assembled, set lower bracket on front right leaf-spring. Center over axle and clamp top bracket to frame. Center punch and drill the two 1/2" holes thru frame.



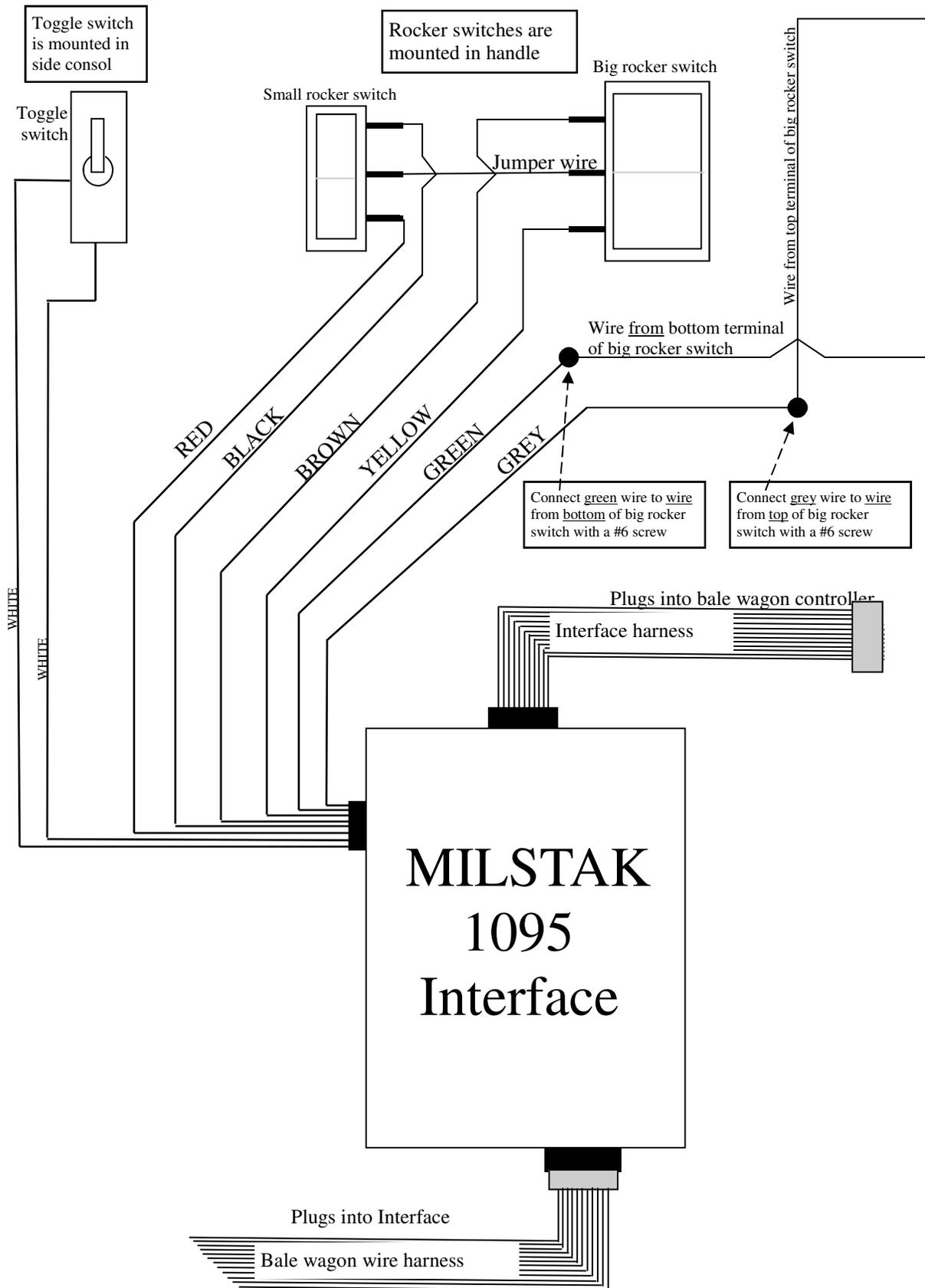
Insert the two 1/2" x 4" bolts and tighten. Place the four 3/8" x 5" carriage bolts in lower bracket. Install the cross-bars under leaf-spring using the 3/8" locking flange nuts.



Drill a 5/16" hole thru the front cross-member on right side of cab and install the valve stem to inflate air bag. (be careful to not damage the wire harness on back side of cross-member.)

Route the red air line from the air bag to the valve stem being careful to avoid the cross chain and linkages. Inflate air bag to 65 PSI.

# MIL-STAK Wiring Schematic for a 1095 bale wagon



Remove computer from consol and set aside.

1. Remove bale loader handle cover.
2. Pull the six colored wires up thru handle.
3. Connect the red wire to lower terminal on the small rocker switch. (Note; small rocker switch is included in kit.)
4. Connect the black wire to upper terminal on the small rocker switch. (Note; upper terminal is black)
5. Connect jumper wire from middle of small rocker switch to middle of big rocker switch.
6. Remove wire from lower terminal on big rocker switch and fasten it to the green wire. (using the machine screw provided)
7. Connect the yellow wire to the lower terminal on the big rocker switch.
8. Remove the upper wire from big rocker switch and fasten it to the grey wire. (using the machine screw provided)
9. Connect the brown wire to the upper terminal on the big rocker switch.
10. Replace handle cover.
11. Drill 1/2" hole in consol for toggle switch.
12. Peel paper off the back of the Up/Down plate on stick it on the consol over 1/2" hole.
13. Connect the two white wires to the toggle switch and install in consol.
14. Locate the terminal on bottom of the ignition switch that is hot when the key is on. Fasten the black 14 gauge wire to that terminal and route it out the bottom of the cab back to the hydraulic quick couplers. (this is for the cushion valve)
15. Disconnect wire harness from bottom of computer and connect it to the bottom of the interface.
16. Connect the wire harness from the interface to the bottom of the computer.

17. Connect the small plug to the side of the interface.

18. Install the interface down inside of consol as shown using the self tapping screws.



19. Replace computer in consol making sure the harness fits down inside and no wires are pinched.

