



## Final Assembly Instructions - Truck Fixed Wing Backblade

- Step 1 You should receive the following for complete assembly
- 1 - Crate with moldboard/QD/Hyd Pump assembly.
  - 1 - Mount box with QD arms specific to your installation.
- Step 2 Disassemble top framing of crate, leaving moldboard on crate. Unbolt QD channel from crate lockdown position (2 lag bolts) and any strapping holding moldboard to shipping skid.
- Step 3 Open mount box and familiarize yourself with the contents to be assembled.
- Step 4 Install mount on truck as per instructions in mount box. Also install electrical harness and switches / plugs as shown in electrical instructions.
- Step 5 Take the QD arms and any spacers out of the mount box and refer to the vehicle specific QD arm chart. Assemble QD arms to the QD channel as stated for your truck. You may want to coat hex blocks with anti-seize for future adjustments. Torque bolts as shown in torque chart.
- Step 6 Fill hydraulic pump with fluid provided as shown in owners manual sec 12.5.3. Position truck with mount pockets just in front of QD arms (2-3 inches). Plug in control and power connections to truck.
- Step 7 Run pump using remote switch (ignition must be on). Move switch down to raise arms and up to lower arms until QD arms are lined up with pockets on truck mount. Back the truck up until arms are fully inserted into QD pockets.
- Step 8 Install QD pins and secure them to the mount with 5/16"x1" bolts and nylocks. You may need to "bump" remote switch up or down to align holes for pins.
- Step 9 Once QD pins are bolted in place raise blade fully and remove shipping crate. Now run blade up and down fully a couple of times to remove any air from the hydraulic system.

Note: Proper fluid level is 1" down from top of reservoir **WITH BLADE FULLY UP** (a light will be useful in seeing fluid level), if level is adjusted with blade **down, fluid will be forced out of the vent when blade is activated.**

- Step 10 With the blade in the down position, with no down pressure, the tips of the wings should be approx 1/2" off the ground. This is to account for down pressure and any play in arm pins. If arms need to be adjusted refer to owners manual sec 12.8.
- Step 11 Attach wing marker flags to both wings.
- Step 12 Now check all functions with the in cab controller and the rear remote switch. Backblade is now installed and adjusted for plowing. Be sure to check cutting edge wear occasionally and make any adjustments necessary to prolong the life of the edges.