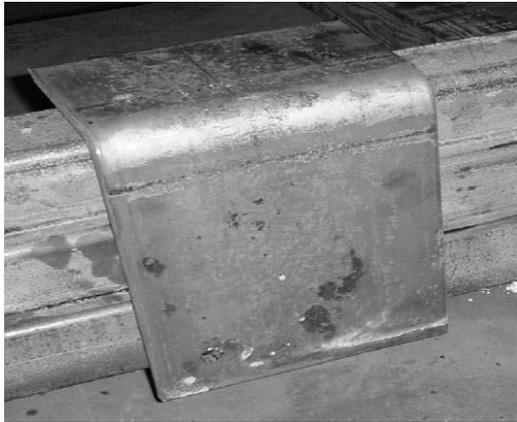


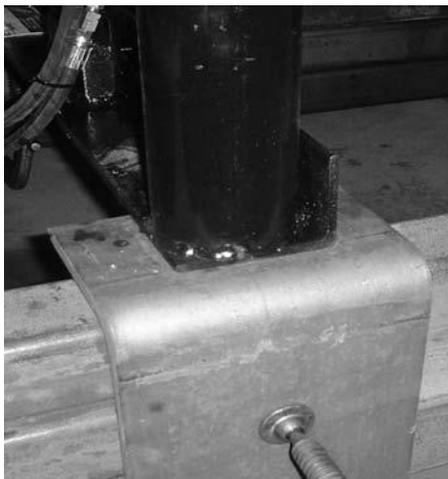


Skyhook Gantry Installation

1. Check for clearance between cab, exhaust stack, and hoist.
2. You will need a minimum of 8" clearance on top of chassis to mount gantry-mounting plates. Modifying gantry plates are sometimes necessary to clear chassis objects.



3. Bolt the $\frac{1}{2}$ "x8"x5"x10" mounting plates to the truck chassis. These bolts and holes are not supplied because every truck is different.
4. Sit gantry on top of mounting plates.



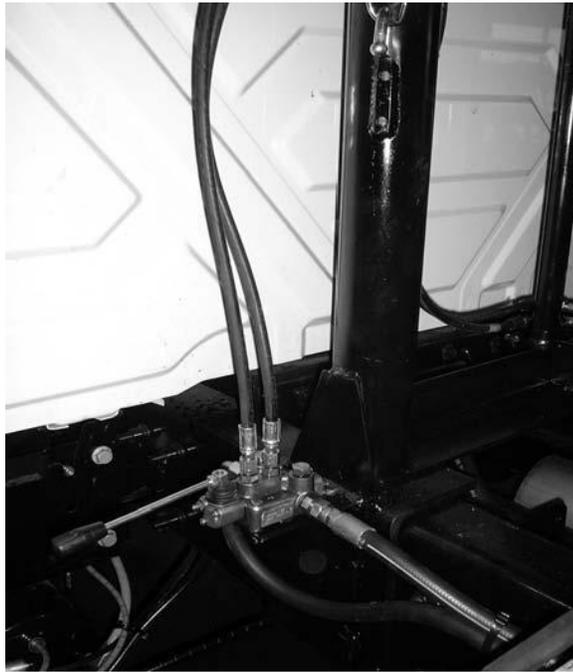
5. Make sure that gantry is centered on chassis and plumb. Tack weld gantry to mounting plates.
6. Using the provided 7"x7"x1/4" gussets, tack weld gussets to gantry and mounting plates. Be sure that gussets are welded on outside of gantry.



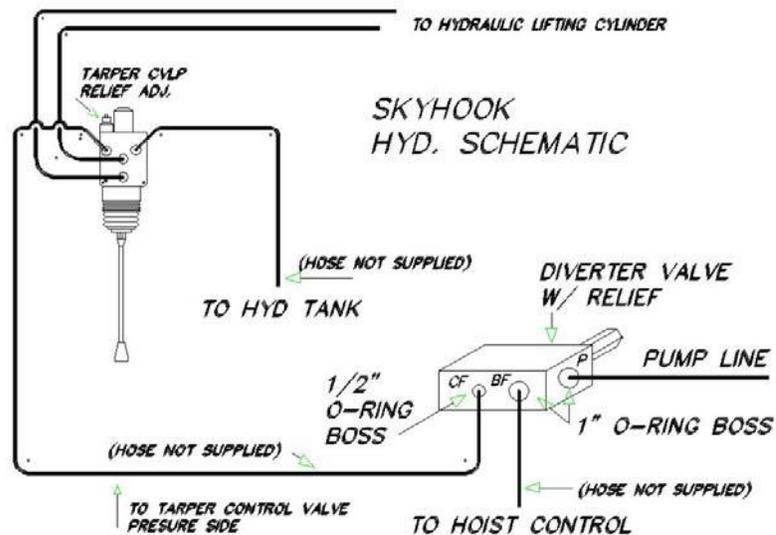
7. Measure the distance from the hoist to the gantry. Make sure that the gantry legs are the same distance from hoist. Measure twice and weld once. Be sure to weld the gussets firmly to the gantry and mounting plates. Weld gantry bottom to mounting plates. **BE SURE TO NOT COMPLETELY WELD THE GANTRY TUBE TO GANTRY BOTTOM. THIS IS TO ALLOW DRAINAGE FOR THE GANTRY!!!**
8. Mount airfoil assembly on top of gantry using the 4 $\frac{1}{2}$ " x $1 \frac{1}{2}$ " bolts, $\frac{1}{2}$ " fender washers and locknuts. Be sure that the airfoil assembly is centered on gantry before final tightening.



9. Mount the hydraulic control valve or power pack to the control valve or power pack mounting plate. Route the hydraulic gantry hoses coming from hydraulic cylinders to where you want to mount the control valve. Verify that there is enough hose to mount to valve. Now weld the valve mounting plate to gantry.



10. If supplied, mount the hydraulic priority valve in an easy to access area. See Hydraulic Schematic.



11. Disconnect the pump pressure hose from the hoist control valve and route to the "P" port on the priority valve.
12. Fabricate and attach the 3 hydraulic hoses necessary to tap into the trucks hydraulic system through the priority valve per the hydraulic schematic.
13. Bleed hoses and operate gantry from closed to open positions.
14. Grease the telescoping sections at grease zerk points. This is best done with the gantry fully deployed so that as gantry collapses; it pulls grease down into the telescoping sections.

15. Wire indicator switch per included diagram (separate plastic bag). Be sure to mount indicator light and gantry up sticker in plain view of driver while sitting in cab. Indicator switch is located between 1st and 2nd stage and uses weather tight electrical connectors.



16. Stow long section of pull rope in cab. Attach loop end of short rope to the loose catch point. Tie other end of short rope to O-ring in tarp making sure to leave rope short enough to have tarp tension to reduce slapping noise. Arrange loop and catch hook on gantry as shown. Weld the catch hook to the gantry.



17. Paint all raw steel and welded pieces.
18. Installation is now complete.