

FLAT PLATE HITCH—FPH 100



Connecting or disconnecting a snow plow has never been easier than with Henderson Manufacturing's Flat Plate Hitch.

START



TO

FINISH



IN MINUTES

No tools are required and it only takes one person, just minutes to mount or remove this revolutionized hitch. All components ie: plow lights, lift cylinder, lift arm & oscillating mechanism remains with plow portion of hitch, so there is nothing left on the front of your truck

when you remove the plow, except a flat plate and C.U.P. 100 connect / disconnect under pressure connector. All from...

The Dependable Ones

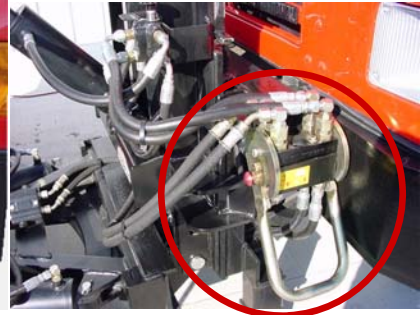
Simple—Do It Yourself Steps... For Easy Connect...



STEP 1:

Drive up, align the truck portion of hitch with the plow portion of hitch.

Connect Under Pressure—C.U.P.100: Connect hoses with simple / quick lever even under pressure.



STEP 2:

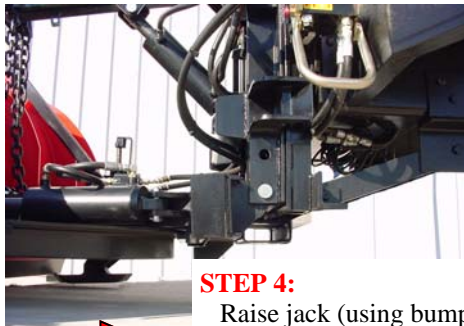
- 1-Raise protective cover –C.U.P. 100
- 2-Depress red button
- 3-Raise lever to upright position
- 4-Insert hydraulic connection block
- 5-Pivot handle and your connected!!

No oil mess - even under pressure!



STEP 3:

Preliminary alignment complete, with the hydraulic jack down.



STEP 4:

Raise jack (using bumper mounted switch) to secure both halves of the plow hitch together. Install safety pin, connect plow lights and you are ready to roll.



* Truck must have electric hydraulic controls to fully utilize the benefits of the F.P.H. 100

SPECIFICATIONS:

Plow Portion:

- Constructed of heavy duty structural members and designed to securely engage the truck portion.
- Two outboard targeting attachment points along with primary 20" connection.
- Hitch incorporates additional centering mechanisms to simplify plow to truck alignment.
- Clamping/jack cylinder securely engages plow to truck portion.
- Final attachment is positively secured by 5/8 latch pin.

A hydraulic diverter valve is mounted to the side of the hitch to divert hydraulic oil from the plow lift cylinder to the hydraulic jack cylinder. This feature allows you to physically clamp the truck and plow portion of the hitch together during operation. It also works as a hydraulic jack stand for plow removal.

Truck Portion:

- The flat plate is fabricated with two pockets/flat plate reinforcements.
- Reinforcements are constructed of two structural members welded vertically to the backside of the flat plate.
- Lower portion of the F.P.H-100 is reinforced with structural angle.
- All plow and hitch hydraulic hoses are connected with the C.U.P.100 (quick connect under pressure).
- A sealed electric switch is mounted behind the FPH-100 and wired in "series" with the section in the valve stack that operates the plow lift function to allow for operation of the jack stand cylinder.

When the plow is disconnected from the truck all components ie: plow lights, lift cylinder, lift arm & oscillating mechanism remains with plow portion of hitch. Only the flat plate and the C.U.P.100 remains on the truck.



P.O. Box 40 · Manchester, Iowa 52057
800-359-4970 · www.henderson-mfg.com