

CIH 1995

2144, 2166, 2188

SINGLE HYDRAULIC HOOKUP

Step A: Bolt the solenoid/flow control valve to the left side of the combine, just behind the throat. If the accumulator option is not present, use the rear slot for the bottom mounting hole and drill a hole for the top mounting hole. If the accumulator option is present, it will be necessary to drill two holes and mount the valve above the accumulator. Make sure the top bolt is making a good ground with the combine, and attach the solenoid ground wire under the nut of the top bolt.

Step B: Feed the long hot wire from the valve solenoid up to the bottom rear corner of the left side cab door. Make a small hole in the bottom rear corner of the door seal and feed the wire through it into the cab. Lift the passenger seat and remove the plastic storage basket. Feed the wire behind the plastic compartment to the wiring harness. Remove several cable ties and find the blue wire with the number 461 stamped on it. With the parallel wire connector supplied, connect the hot wire from the solenoid, to the blue wire # 461.

Step C: At the reel drive pump, disconnect the output hose from the 90 degree fitting screwed into the pump. Install the 3000 psi pressure relief using the two 5/8" flat face adapters. To the relief port, install the tee provided. To the rear leg of the tee, attach the return hose from the hydraulic motor (15 1/2' hose from the right port). To the front leg of the tee attach the 10 1/2' hose that runs to the third leg of the return tee (see drawing). (Left and right determined by standing behind combine looking forward)

Step D: Screw one 90 degree o-ring boss end of the 26' hose into the left port of the spreader motor. Feed the hose forward along the left side of the combine so it will not interfere with or rub on other components. Connect the front end of this hose to the controlled flow port of solenoid/flow control valve (refer to drawing).

Step E: Disconnect combine tee from combine return line, keeping the tee with the hose running to the combine reel valve (refer to drawing). Into the end of the tee, insert the male to male adapter. To the other end of the adapter attach one end of a 32" hose. Attach the other end of the hose to the port of the solenoid/flow control valve closest to the combine (port is marked reel drive). Disconnect the hose from the third leg of the tee. (This hose runs to the quick coupler) Install the check valve and adapters with the flow arrow pointing toward the tee. Connect the hose back to the bottom of the check valve.

Step F: Install the Vittetoe return tee where the combine return tee was disconnected. The 10 1/2' hose (from the 3000 psi relief tee) connects to the third leg of the return tee. A 32" hose attaches to the other end of the tee and runs to the port marked TANK on the solenoid/flow control valve (refer to drawing).

TURN VALVE ADJUSTMENT COUNTER CLOCKWISE TO INCREASE SPEED AS NECESSARY TO THROW CHAFF ONLY AS WIDE AS THE HEAD. SETTING FOR CORN WILL BE LOWER THAN THAT REQUIRED FOR BEANS.

IN CORN OR ANYTIME PLATFORM IS NOT ATTACHED, THE COMBINE REEL SPEED ADJUSTMENT KNOB SHOULD BE TURNED TO ITS FULL OPEN POSITION.