

FOR JOHN DEERE 4050-4055-4230-4240-4250-4255-4350-4430-4440-4450-4455-4630

INSTALLATION INSTRUCTIONS:

1. Install cables in joystick base following instructions inside joystick packaging.
2. The joystick handle bracket (684725) must be attached to the joystick cable control kit (**NOTE-may vary depending on location of float on existing valve**; the lock tab on the base of the joystick should face to the rear of the tractor. Attach with two 5/16" x 3 1/2" HH cap screws, lockwashers, hexnuts and one flatwasher. If the joystick needs to be rotated a 1/4 turn, remove the two metal sleeves for the mounting bolts from the base and reinsert them at a 1/4 turn. Then attach this assembly to the handle bracket adapter plate (669899) with two 3/8" x 1.25" HH cap screws, lockwashers, hexnuts and flatwashers. **Note:** Attach all fasteners loosely to allow for desired adjustment later.
3. Then custom fit the handle bracket adapter plate (669899) onto the fender wall just ahead of the side counsel in the cab of the tractor. (For non-cab tractors it may require further customizing to fit.) Attach with two 3/8" x 3 1/2" HH cap screws, lockwashers and hexnuts. You will need to route the cable ends down through the access hole in the cab floor just ahead of the side counsel. Adjust the according brackets to acquire the most desirable position for the joystick handle.
4. When this has been done attach the cable ends to the valve body with the connector tips - cable + female-to-male adapter + tip (select the tip that best fits your valve spools). **Note: Make sure the joystick is in the locked position.** Center the joystick and push the joystick lock tab in (located on the base of joystick) to lock joystick.
5. Using either the provided clamps or a clamp already included in your setup, anchor the cable sheath. Ideally, you will clamp the metal base of the cable sheath. Depending on your existing setup, you may need to add a steel bracket to clamp the cable sheath to.
6. Finally start the tractor, actuate the loader to charge the hydraulic system with oil and add hydraulic fluid to the tractor as required using the recommended fluid for your tractor. Refer to the hydraulic section of the tractor owner's manual for the specific details regarding hydraulic fluid levels.

Hardware:

- 640032 SCREW-.375-16 X 1.25 GR 5 HHC - qty 6
- 640152 WASHER - 5/16" FLAT - qty 4
- 652360 NUT - .313-18 GR 2 HEX - qty 2
- 640151 WASHER - SPRING LOCK .3125 - qty 2
- 640043 SCREW-.375-16 X 3.50 GR 5 HHC - qty 2
- 640153 WASHER - SPRING LOCK .375 - qty 4
- 640132 NUT - 0375 - 16 GR 2 HEX - qty 4
- 640154 WASHER - 3/8" FLAT - qty 3
- 669618 SCREW-.3125-18 X 3.50 GR 5 HHC - qty 2

Plates:

- 684725 JOYSTICK HANDLE PLATE qty 1 - universal joystick bracket for NIMCO joystick
- 669899 HANDLE PLATE - qty 1 - bent plate bolted to console

MOUNTING JOYSTICK INSIDE JD 4000 CAB



