

JODALE-PERRY

BUILT FOR LIFE

**PARTS LIST
&
MOUNTING
INSTRUCTIONS**

**870, 970
John Deere**

870,970 JOHN DEERE PARTS LIST

BRACKETS, SHIELDS, ETC. :

Qty	Description
1	- Brake shield
1	- Clutch shield
L&R	- Fenders
1	- Fuel tank shield
1	- Hood shield
1	- Left underhood shield
L&R	- Mid-mount brackets
L&R	- Rear brackets
1	- Right underhood shield
L&R	- Steps

TRACTORS EQUIPPED WITH A 70,80 JOHN DEERE LOADER
1 - Front bracket

TRACTORS NOT EQUIPPED WITH A LOADER OR EQUIPPED WITH A 440
JOHN DEERE LOADER
L&R - Front brackets
4 - 1 11/16" Front bracket sleeves
8 - 2 5/16" Front bracket sleeves
2 - Front bracket spacers

HARDWARE :

Qty	Description
4	- 16mmx2.0mmx120mm Hex bolts - gr. 8
28	- 1/4"x3/4" Self-tap screws
10	- 1/4"x1/2" Whiz bolts
10	- 1/4" Whiz nuts
4	- 3/8"x3/4" Whiz bolts
6	- 1/2"x3" Hex bolts - gr. 8
6	- 1/2" Hex nuts - gr. 8
6	- 1/2" Lockwashers
6	- 1/2"i.d.-2 1/2"o.d. Flatwashers
4	- 5/8"x4 1/2" Hex bolts - gr. 8
4	- 5/8" Hex nuts - gr. 8
8	- 5/8" Lockwashers

MISCELLANEOUS :

Qty	Description
L&R	- 19"x27 1/2" Floormat (as per pattern)
1	- 12' 180 degree O-rubber
1	- 12" Pinchwelt
6	- 1/2"i.d.-2 1/2"o.d. Rubber flatwashers
6	- 1/2"i.d.-3"o.d. Rubber mounts
1	- 27"x27 1/2" Upholstery (as per pattern)

870, 970 JOHN DEERE MOUNTING INSTRUCTIONS

1. Remove the fuel tank cover, fenders, ROPS, seat, and seat tracks.
2. Locate the three tabs used to fasten each fender to the seat plate and cut them off.
3. Locate the factory step on the left side of the unit and cut it off just below the platform.
4. Take the rear brackets (2) and position each against the two hole bolt pattern on the top, outside of the rear axle, with the notch towards the outside. Bolt the brackets snugly to the rear axle using the factory ROPS bolts removed in step 1. (see diagram #2)
5. Take the mid-mount brackets and position each against the four-hole bolt pattern on the top, inside of the rear axle, with the side lip towards the outside. Bolt the brackets snugly to the rear axle using the factory ROPS bolts removed in step 1.
6. Take the 27"x27 1/2" piece of upholstery and position it against the seat plate with the bottom edge against the platform. Cut all necessary openings for controls and seat bolts, then glue the upholstery to the seat plate. Rebolt the seat tracks and seat to the seat plate.
7. If the tractor is not equipped with a loader proceed to step 8. If the tractor is equipped with a 440 John Deere loader skip to step 9, or 70,80 John Deere loader skip to step 10.

TRACTORS NOT EQUIPPED WITH A LOADER

8. Locate the front brackets, then insert the 16x2.0x120mm hex bolts and 5/8" lockwashers through the top two holes, and 5/8"x4 1/2" hex bolts and 5/8" lockwashers through the bottom two holes. Take the 2 5/16" front bracket sleeves and slide them over the 16mm hex bolts. If the tractor is equipped with a mid-mount mower slide the 1 11/16" front bracket sleeves over the 5/8" hex bolts, otherwise use the remaining 2 5/16" sleeves. Take the front bracket spacers and line up the top two holes of each with the bottom two holes of the four-hole bolt pattern located on the each side of the engine housing. Position the front bracket assemblies against the four-hole bolt pattern of the spacers, with the cab mounting plates toward the rear. Loosely, bolt the brackets through the sleeves, to the spacers and housing. Skip to step 11.

NOTE:

All references to left and right are taken from the operator's point of view when he/she is sitting in the seat.

870,970 JOHN DEERE MOUNTING INSTRUCTIONS

TRACTORS EQUIPPED WITH A 440 JOHN DEERE LOADER

9. Locate the front brackets, then insert the 16x2.0x120mm hex bolts and 5/8" lockwashers through the top two holes, and 5/8"x4 1/2" hex bolts and 5/8" lockwashers through the bottom two holes. Take the 2 5/16" front bracket sleeves and slide them over the 16mm hex bolts. If the tractor is equipped with a mid-mount mower slide the 1 11/16" front bracket sleeves over the 5/8" hex bolts, otherwise use the remaining 2 5/16" sleeves. Position the front bracket assemblies against the four-hole bolt pattern of the loader subframe, with the cab mounting plates toward the rear. Loosely, bolt the brackets through the sleeves, to the subframe and housing. Skip to step 11.

TRACTORS EQUIPPED WITH A 70,80 JOHN DEERE LOADER

10. Take the front bracket (1) and position it against the bottom two-hole bolt pattern of the loader subframe, with the cab mounting plates toward the rear. Loosely, bolt the bracket to the subframe using the 5/8"x2" hex bolts, hex nuts, and lockwashers supplied. (see diagram #1)
11. **NOW YOU ARE READY TO MOUNT THE CAB.** Place one rubber mount on each cab mounting plate of the front and rear brackets. Lift the cab directly above the tractor, then slowly lower the cab until the cab mounts rest solidly on the rubber mounts. REMEMBER to slide the rear panel in front of the fuel tank as the cab is being lowered. Bolt the cab snugly to the front and rear brackets as shown in diagram #3.
12. Tighten all front and rear bracket bolts.
13. Take the left underhood shield (4) and slide 180 degree O-rubber onto the inside edge where the shield contacts the hood and engine housing. Position the shield in front of the clutch pedal and screw it to the outside of the cab frame using the 1/4" self-tap screws provided along the top, and 1/4"x1/2" whiz bolts, and whiz nuts supplied along the side. (see diagram #4)
14. Take the right underhood shield (5) and repeat step 13 in front of the brake pedals. (see diagram #4)
15. Take the clutch shield (6) and slide 180 degree O-rubber onto the inside edge where the shield contacts the engine housing.

NOTE:

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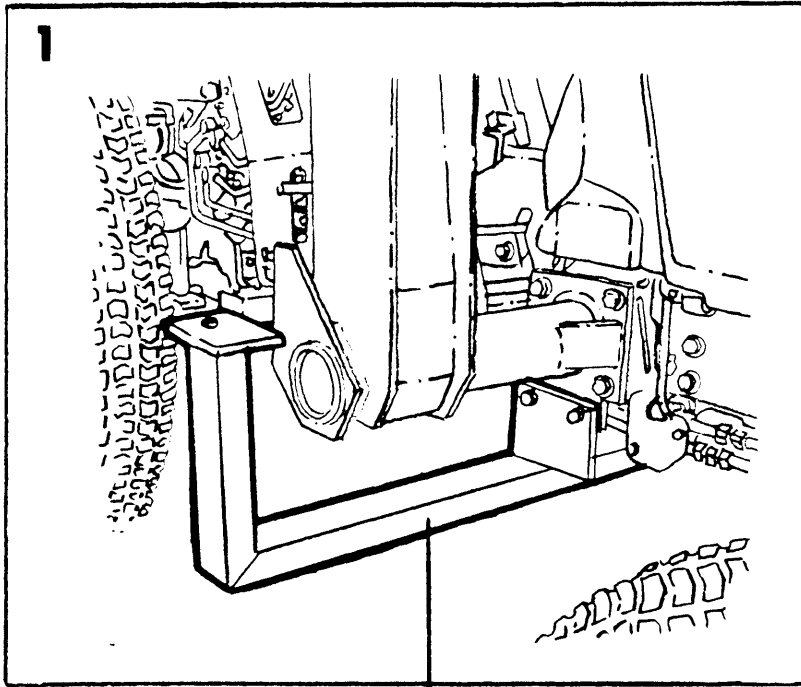
870,970 JOHN DEERE MOUNTING INSTRUCTIONS

Position the shield around the clutch pedal, then bolt it to the left underhood shield (4) and platform using the 1/4"x1/2" whiz bolts, and whiz nuts supplied.
(see diagram #4)

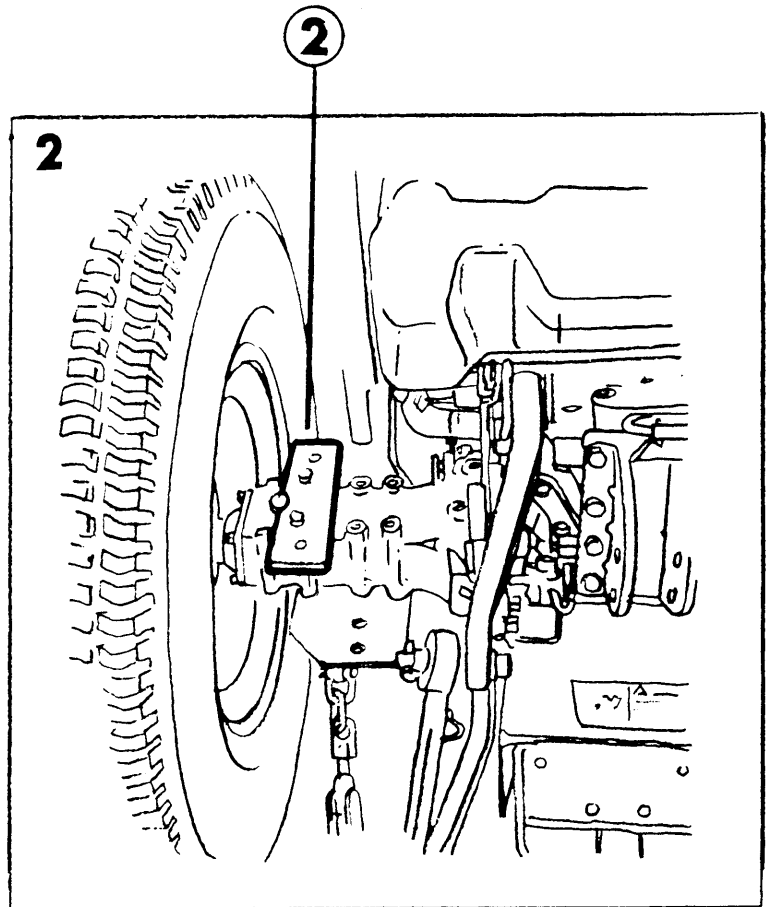
16. Take the brake shield (8) and repeat step 15 around the brake pedals. (see diagram #4)
17. Take the hood shield (3) and slide 180 degree O-rubber onto the inside edge where the shield contacts the hood. Position the shield around the hood and screw it to the outside of the cab frame using the 1/4" self-tap screws provided.
(see diagram #4)
18. Take the fuel tank shield (9) and slide 180 degree O-rubber along the side edges. Position it over the fuel tank. Screw the side rear tabs of the shield to the cab frame using the 1/4" self-tap screws provided. Bolt the front of the shield to the rear panel using the 1/4"x1/2" whiz bolts, and whiz nuts supplied. (see diagram #5)
19. Take the 19"x27 1/2" pieces of floormat and install them on the left and right platforms. Cut the floormats to fit snugly around all pedals, controls, and openings.
20. To ensure maximum protection against sound and moisture penetration, use a urethane sealant to fill all cracks and small openings around the floormats and a silicone sealant around the various shields.

NOTE:

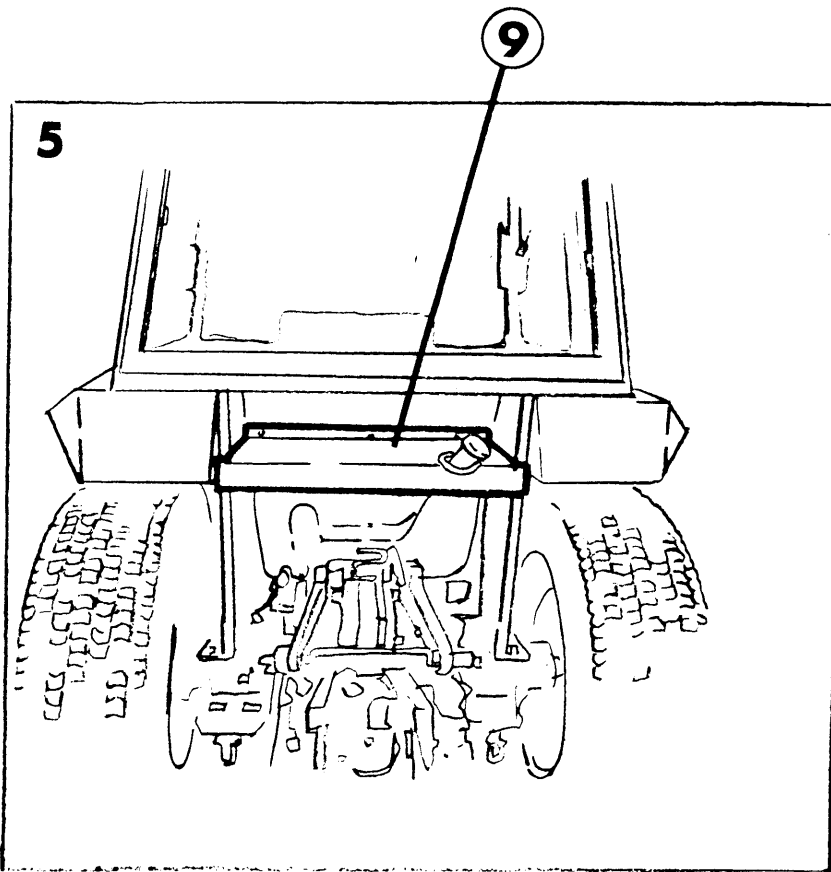
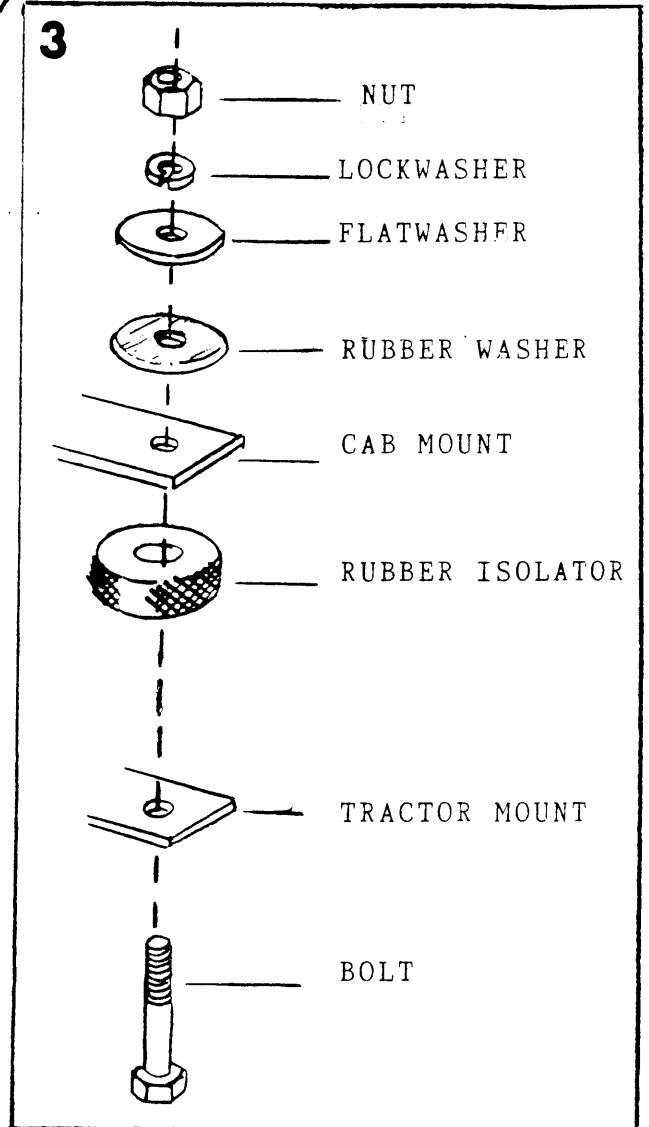
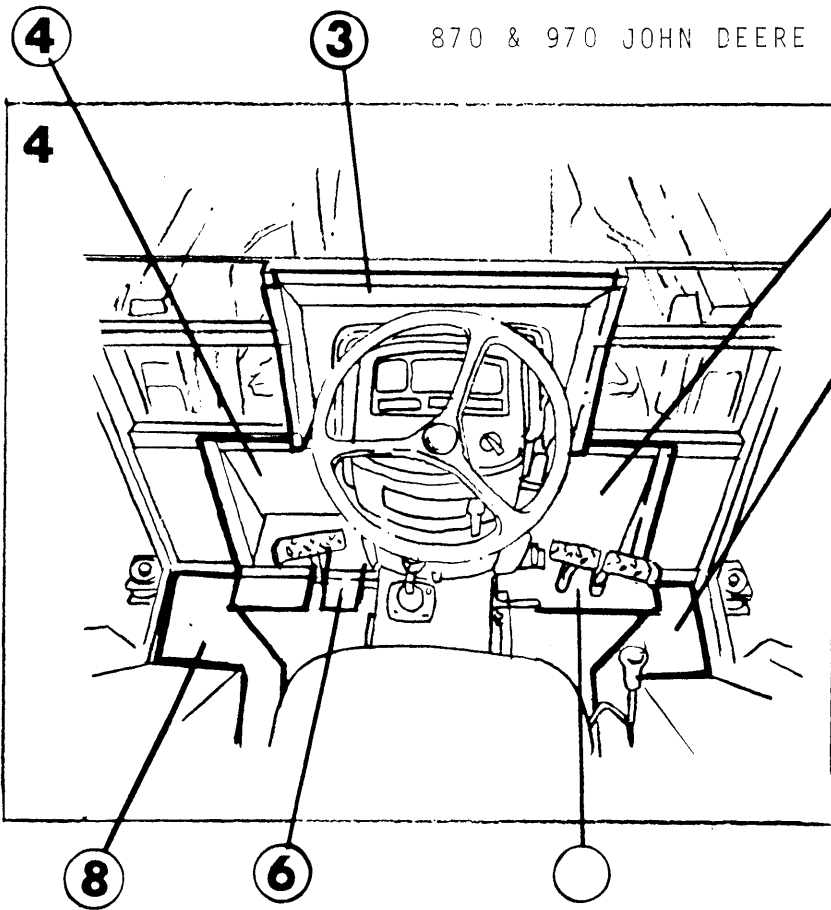
All references to left and right are taken from the operator's point of view when he/she is sitting in the seat.



1



2



*John Deere 870, 970, 1070
Heater Connection Parts List*

HARDWARE:

Item	Qty	Description
	2	3/8"NPT-3/8"barb 180° Fittings
**	4	HS-6 Hose clamps

MISCELLANEOUS:

Item	Qty	Description
**	1	28' 3/8"i.d. Heater hose

HEATER CONNECTION INSTRUCTIONS

(JOHN DEERE 870, 970, 1070 COMPACT CABS W/O AIR CONDITIONING)

1. Proceed with the following **AFTER** the cab has been mounted.
2. Remove the two 5/16" x 1 1/2" bolts holding the roof to the front of the cab frame. Lift the front of the roof up using the prop to keep it in place.
3. Drain the anti-freeze in the tractor.
4. Prepare the heater pressure port on the thermostat housing, and the heater suction port on the water pump to receive the heater hoses as follows:
NOTE: It is recommended that the water pump and thermostat housing be removed to prepare the pressure and suction ports. However at the installer's own risk, the following procedure can be used without removing the pump and thermostat housing from the engine. Care must be exercised to keep metal shavings out of the engine block and water pump.
 - a. Remove the muffler for better access.
 - b. Remove the radiator overflow kit for better access.
 - c. Remove the thermostat cover from the thermostat housing (leave hose attached to it).
 - d. Remove the heat sending unit and the thermostat.
 - e. Stuff the bottom portion thermostat housing (i.e. below the sending unit) tightly with rags to keep metal shavings out of the engine block.
 - f. Carefully drill a $\phi 3/8$ " hole into the boss on the top surface of the outboard side of the thermostat housing. Drill only until the end of the drill bit is level with the centerline of the sending unit. Be very careful not to drill through the bottom of the boss.
 - g. Using the heat sending unit hole as a drill guide, carefully drill a $\phi 3/8$ " hole through the thermostat housing until the end of the drill is visible inside of the hole drilled in step f. Be very careful not to drill through the side of the boss.
 - h. Ream the hole (drilled in step f) in the top of the boss to $\phi 9/16$ " and then tap this hole to $\phi 3/8$ "NPT. This will be the heater pressure port; it will be connected to the heater water valve in the roof.
 - i. Remove the bottom radiator hose at the coolant pump.
 - j. Stuff the pump suction port tightly with rags well past the boss above the port.
 - k. Carefully drill a $\phi 3/8$ " hole into the boss on the top surface of the suction port of the water pump. Drill through the top boss of the suction port. Be very careful not to drill through the bottom of the port.
 - l. Ream the hole that drilled in the top of the boss in step k to $\phi 9/16$ " and then tap this hole to $\phi 3/8$ "NPT. This will be the heater suction port, to be connected to the heater core.
 - m. Remove all metal shavings from both the thermostat housing and water pump.
 - n. Remove rags from the thermostat housing and water pump.
 - o. Install $\phi 3/8$ "NPT nipples in the heater pressure port and heater suction port. **REMEMBER** to use a water sealant material around the threads of the fitting.
 - p. Reinstall the bottom radiator hose at the coolant pump.

- q. Reinstall the heat sending unit and the thermostat.
 - r. Reinstall the thermostat cover.
 - s. Reinstall the muffler.
5. Take the heater hose supplied. Route one end down one of the front corner posts of the cab frame.
 6. Connect the heater hose to the heater pressure port on the thermostat housing. Ensure that the hose does not interfere with any of controls, levers or accessories of the tractor. Tie down the hose as required. Take other end of the hose and measure off the distance to the water valve of the fan/heater assembly in the roof of the cab (allow for some excess). Cut the hose and connect the pressure side to the water valve.
 7. Take the remaining heater hose and route one end down the other front corner of the cab frame. Connect the hose to the heater suction port on the water pump. Ensure that the hose does not interfere with any controls, levers or accessories of the tractor. Tie down the hose as required. Take the other end of the hose and measure off the distance to the other heater core port (allow for some excess). Cut off the remaining length of hose and connect the suction side to the heater core port.
 8. Reinstall the radiator overflow kit.
 9. Ensure that all connections are tight and fill in anti-freeze.
 10. Start the tractor and run at idle for 5 minutes. Stop the tractor and add anti-freeze as required. Then start the tractor again and run at PTO rpm for 5 minutes. Stop the tractor again, check the anti-freeze and add as required.
 11. Rebolt the roof to the cab frame.