

JDP

BUILT FOR LIFE

**PARTS LIST
&
MOUNTING
INSTRUCTIONS**

**425, 445, 455
John Deere**

425, 445, 455 John Deere Parts List

BRACKETS,SHIELDS,ETC.:

Item	Qty	Description
1	L&R	Front brackets
2	2	Front bracket spacers
8	1	Left underhood shield
4	L&R	Rear brackets
5	2	Rear bracket spacers
9	1	Right underhood shield

HARDWARE:

Qty	Description
6	1/4"x3/4" Self-tap screws
4	3/8"x1 1/2" Hex bolts - gr.5
4	3/8" Hex nuts - gr.5
4	3/8" Lockwashers
2	1/2"x1 1/2" Hex bolt - gr.5
4	1/2"x2" Hex bolts - gr.5
4	1/2"x3" Hex bolts - gr.8
10	1/2" Hex nuts - gr. 8
10	1/2" Lockwashers
4	9/16"i.d.-2 1/2"o.d. Flatwashers

MISCELLANEOUS:

Item	Qty	Description
7	1	13' 90° O-rubber
6	1	9' 180° O-rubber
**	4	9/16"i.d.-2 1/2"o.d. Rubber flatwashers
**	4	9/16"i.d.-3"o.d. Rubber mounts

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1. Remove the fender grab handles..
2. Locate the two-hole bolt pattern in front of and below the left operator's platform. Remove the factory bolts holding the mid-mount mower stop.
3. Take the left front bracket (1), front bracket spacer (2), and mid-mount mower stop (3) removed in step 2. Position them against the two-hole bolt pattern in step 2. Bolt the bracket, spacer, and stop to the unit's frame using the $\frac{1}{2}$ "x2" hex bolts, hex nuts, and lockwashers supplied (see Figure 1).

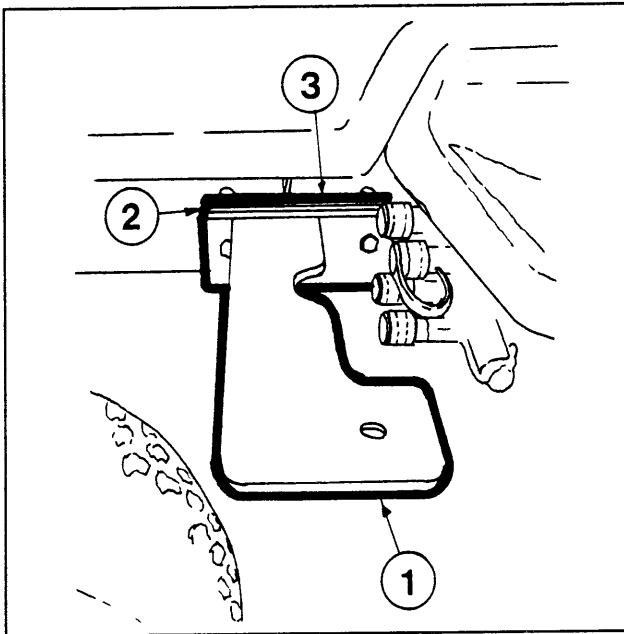


Figure 1

4. Take the right front bracket and front bracket spacer. Repeat step 3 for the right side.
5. Move to the rear of the unit. If the hitch plate is attached to the inside of the transmission housing proceed to step 6. If the hitch plate is attached to the outside of the transmission housing

proceed to step 7.

6. Remove the front two $\frac{3}{8}$ "o.d. factory bolts of the four-hole bolt pattern on each side of the transmission housing, used to fasten the 3-pt. arms. Take the rear bracket (4) and line up the top two holes of the bracket with the factory $\frac{3}{8}$ " o.d. boltholes. Loosely bolt the bracket to the transmission housing using the $\frac{3}{8}$ "x1 $\frac{1}{2}$ " hex, bolts, hex nuts, and lockwashers provided. Using the bottom hole as a guide, drill a $\frac{9}{16}$ " hole through the transmission housing. Position the rear bracket spacer (5) between the bracket and the housing and bolt the bracket to the housing using the $\frac{1}{2}$ "x1 $\frac{1}{2}$ " hex bolt, hex nut, and lockwasher provided (see Figure 2). Proceed to step 8.

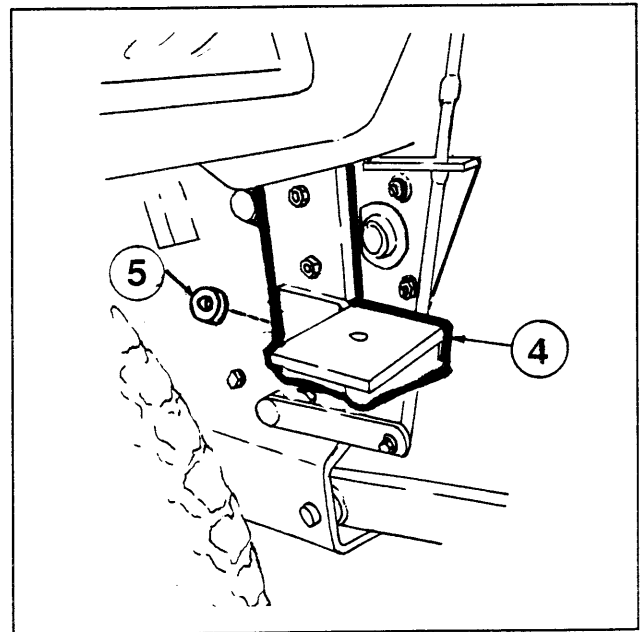


Figure 2

7. Remove the top rear $\frac{1}{2}$ " o.d. factory bolts used to fasten the hitch to the transmission housing. Then, remove

NOTE:

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the front two 3/8" o.d. factory bolts of the four-hole bolt pattern on each side of the transmission housing used to fasten the 3-pt. arms. Line up the rear brackets (4) with the three-hole bolt pattern in the transmission housing. Loosely attach the brackets with the 3/8"x1 1/2" hex bolts, hex nuts, and lockwashers provided for the top two holes, and the 1/2"x1 1/2" hex bolt, hex nut, and lockwasher provided for the bottom hole (see Figure 3).

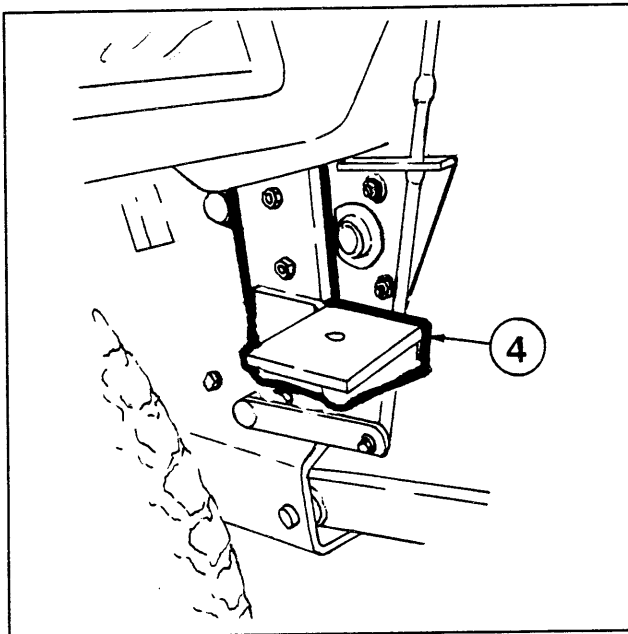


Figure 3

8. Move to the cab. Locate the boxing at the rear of the cab and slide 180° O-rubber (6) onto the bottom edge (see Figure 4).
9. Take the 90° O-rubber (7) and slide it onto the rear and side cab panels. Beginning at the front of the left, side panel work your way back and up to the boxing in step 5. Skip over the boxing and continue across the width of the

cab. Then, work your way forwards and down to the front of the right, side panel (see Figures 5&6).

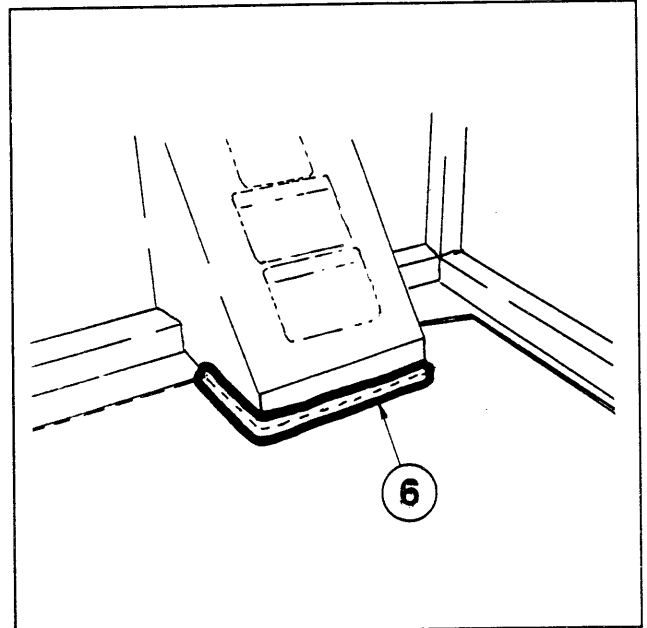


Figure 4

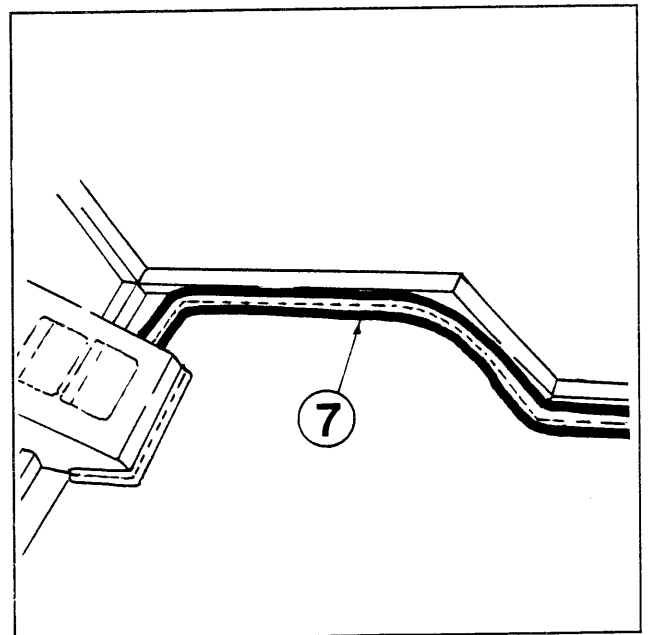


Figure 5

NOTE:

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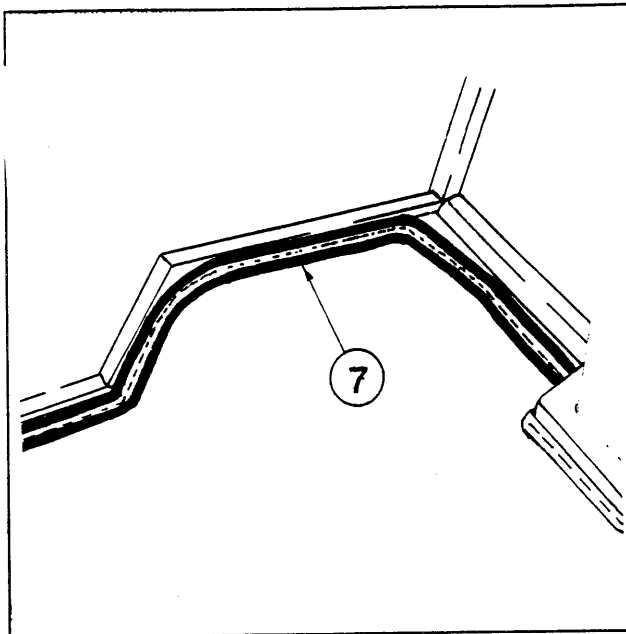


Figure 6

10. 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, using the lift bolts located near the roof, directly above the unit. Slowly, lower the cab until the cab mounts rest solidly on the rubber mounts. In order to slide the rear cab mounts past the units rear fender, it will be necessary to tilt the cab back slightly. Bolt the cab snugly to the front and rear brackets as shown in Figure 7.

11. Tighten the front and rear bracket bolts.

12. Open the front windshield using the window prop supplied.

13. Take the left underhood shield (8) and slide 180° O-rubber (6) onto the inside edge where the shield contacts the side engine panel. Take the 90° O-rubber (7) and place it along the bottom edge of the shield where it contacts the platform,

with the bulb down. Screw the shield to the outside of the cab frame using the 1/4"x3/4" self-tap screws provided.

NOTE: Ensure the shield is low enough to allow room for the windshield to close (see Figure 8).

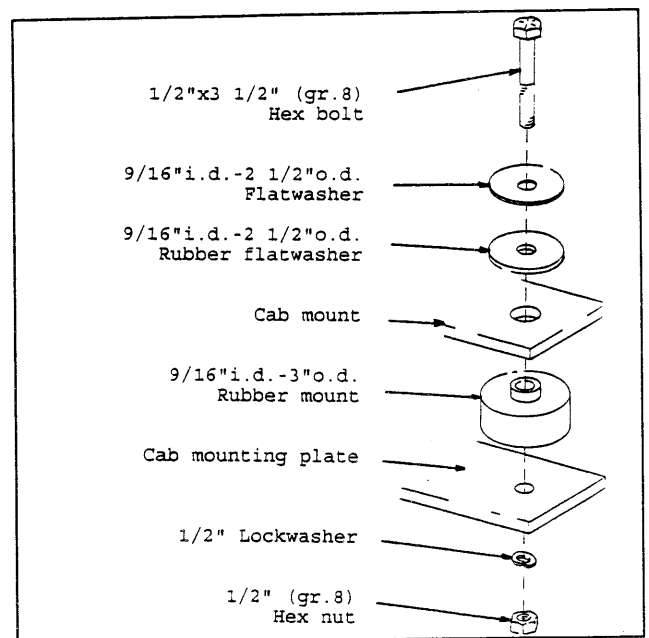


Figure 7

14. Position the right underhood shield (9) in front of the brake and repeat step 13.

15. Lower the front windshield.

16. To ensure maximum protection against sound and moisture penetration, use a tube of urethane sealant to fill all cracks and small openings around the floor mats and a silicone sealant around the various shields.

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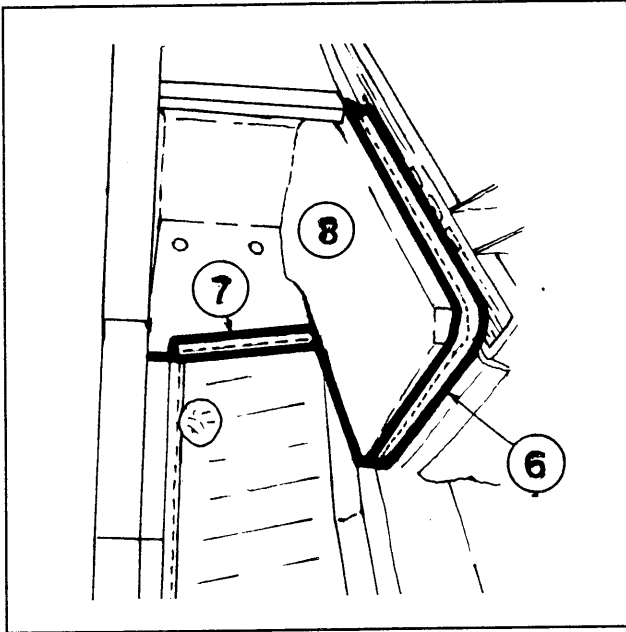


Figure 8

NOTE:

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**425,445,455 JOHN DEERE
HEATER CONNECTION PARTS LIST**

HARDWARE:

Qty	Description
1	- 1/4"NPT-3/8"barb 90 degree Fitting
2	- HS-20 Hose clamps
4	- MH-6 Hose clamps

MISCELLANEOUS:

Qty	Description
1	- Box heater (Kysor 936 104) assemble with: <ul style="list-style-type: none">4 - HS-10 Hose clamps2 - 5/8"barb-3/8"barb 180 degree Fittings2 - 90 degree Rubber elbows
1	- 12 1/2' 3/8"i.d. Heater hose
1	- 16x1.5mm Sensor adaptor
1	- 1"o.d. Splicer
1	- Water valve assemble with: <ul style="list-style-type: none">1 - 3" 5/8"i.d. Heater hose2 - HS-10 Hose clamps1 - 5/8"barb-3/8"barb 180 degree Fittings

425, 445, 455 JOHN DEERE HEATER CONNECTION INSTRUCTIONS

1. Proceed with the following **AFTER** the cab has been mounted.
2. Drain the antifreeze in the unit.
3. Locate the pressure port (1) on the top, left side of the thermostat housing. Remove the sensor and attach the sensor adaptor (2) to the port. Then, attach the sensor to the end of the sensor adaptor. Screw the 1/4"NPT-3/8"barb 90 degree fitting into the middle of the sensor adaptor. **REMEMBER** to use a water sealant material around the threads of the fitting.

FOR MODELS 425, 445

4. Locate the lower radiator hose extending from the water pump to the radiator. Cut the hose approximately 12" away from the water pump. Screw the water valve into the 1"o.d. splicer. **REMEMBER** to use a water sealant material around the threads of the fitting. Connect each end of the splicer to one end of the hose, using the HS-20 hose clamps provided.
5. Take the 3/8"i.d. heater hose supplied. Attach one end to the inlet port of the heater core, located in the left, front corner of the cab, using the MH-6 hose clamp supplied. Route the hose to the pressure fitting. Tie down the hose as required to ensure it does not interfere with any controls, levers, or accessories of the unit. Measure off the distance to the fitting and cut the hose (allow for some excess). Connect the hose to the fitting, using the MH-6 hose clamp provided.
6. Take the remaining heater hose and attach one end to the outlet port of the heater core, using the MH-6 hose clamp supplied. Route the hose to the water valve. Tie down the hose as required to ensure it does not interfere with any controls, levers, or accessories of the unit. Measure off the distance to the valve and cut the hose (allow for some excess). Connect the hose to the valve, using the MH-6 hose clamp provided.
7. Ensure all connections are tight, and fill antifreeze.
8. Open the water valve approximately halfway and turn on the fan. Start the unit and run at PTO rpm for 5 minutes. Once the heater begins to heat, open the water valve completely. Stop the unit, check for leaks and add antifreeze as required.
9. Start the unit again and drive at PTO rpm for a few minutes to remove any air trapped in the heater hose. Stop the unit

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HEATER CONNECTION INSTRUCTIONS**

again, check the antifreeze and add as required. If the heater still does not heat, your unit will probably require an auxiliary water pump to help in water circulation.

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