

JDP

BUILT FOR LIFE

**PARTS LIST
&
MOUNTING
INSTRUCTIONS**

**455D
Toro**

455D TORO PARTS LIST

BRACKETS, SHIELDS, ETC.:

Item	Qty	Description
4	L&R	Platform extensions
1	1	Rear bracket

HARDWARE:

Qty	Description
2	12x20x1.75mm Hex bolts (gr.5)
10	1/4"x3/4" Hex bolts
10	1/4" Whiz nuts
10	5/16" Flatwashers
2	1/2"x3" Hex bolts (gr.8)
2	1/2" Hex nuts (gr.8)
2	1/2" Flatwashers
4	1/2" Lockwashers
2	9/16"i.d.-2 1/2"o.d. Flatwashers
2	5/8"x7" Hex bolts (gr.8)
2	5/8" Hex nuts (gr.8)
2	5/8" Lockwashers
2	3/4"x3" Hex bolts (gr.8)
2	3/4" Lockwashers
2	3/4"i.d.-2 1/2"o.d. Flatwashers

MISCELLANEOUS:

Item	Qty	Description
5	1	33"x43" Floormat (as per pattern)
3	1	2' 90 degree O-rubber
2	1	10' 180 degree O-rubber
**	2	9/16"i.d.-2 1/2"o.d. Rubber flatwashers
**	2	9/16"i.d.-3"o.d. Rubber mounts
**	2	3/4"i.d.-2 1/2"o.d. Rubber flatwashers
**	2	3/4"i.d.-2 1/2"o.d. Rubber mounts

455D TORO MOUNTING INSTRUCTIONS

1. Remove the factory ROPS, mid-deck safety arms, and wing-deck safety arms.
2. Tilt the seat forward. Take the rear bracket (1) and position it where the factory ROPS was located. Loosely bolt the bracket to the unit using the 5/8"x7" hex bolts, hex nuts, and lockwashers supplied. Anchor the front of the bracket to the unit using the 12x20x1.75mm hex bolts and 1/2" flatwashers, lockwashers provided. (see Figure 1)

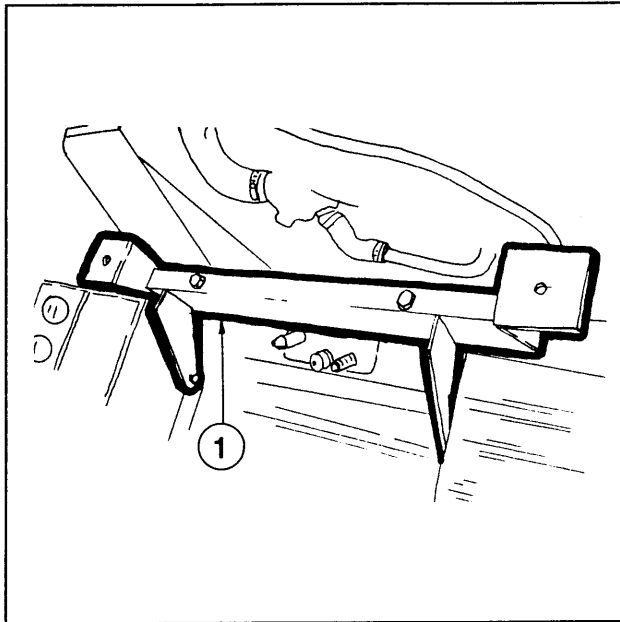


Figure 1

3. Take the mid-deck safety arms and remove the hand grips. Cut off the top 1 1/4" of the arms. Slide the grips back onto the arms, then reattach the arms to the unit. (see Figure 2)
4. Take the wing-deck safety arms and remove the hand grips. Cut off the top 2" of the arms. Slide the grips back onto the arms, then reattach the arms to the unit. (see Figure 3)

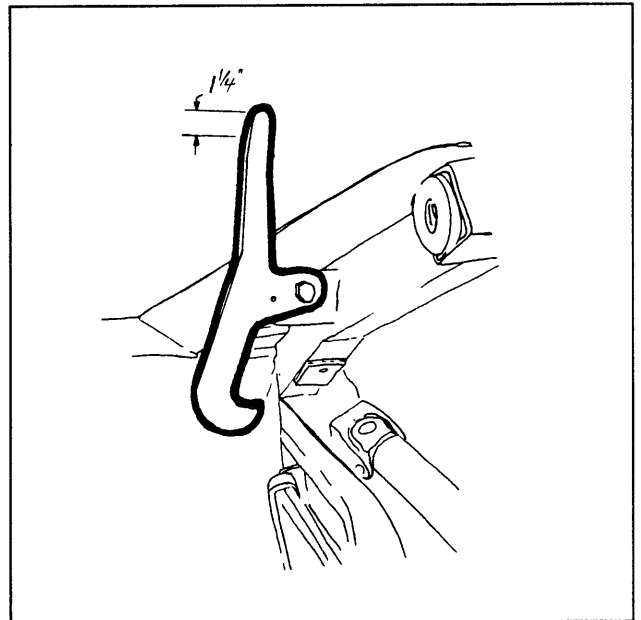


Figure 2

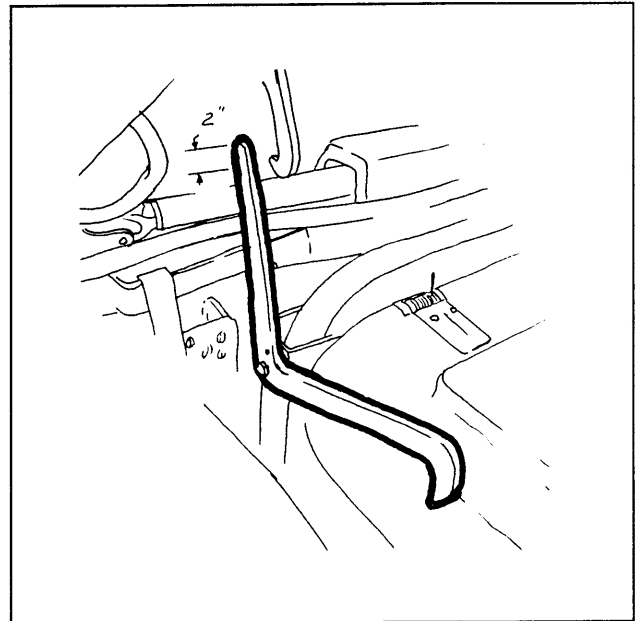


Figure 3

5. Move to the cab. Take the 180 degree O-rubber (2) and slide it onto the bottom lip along the left side of the cab. Beginning at the front of the door opening, work your way back, then up to the middle notch in the rear panel. (see Figure 4)

NOTE:

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

455D TORO MOUNTING INSTRUCTIONS

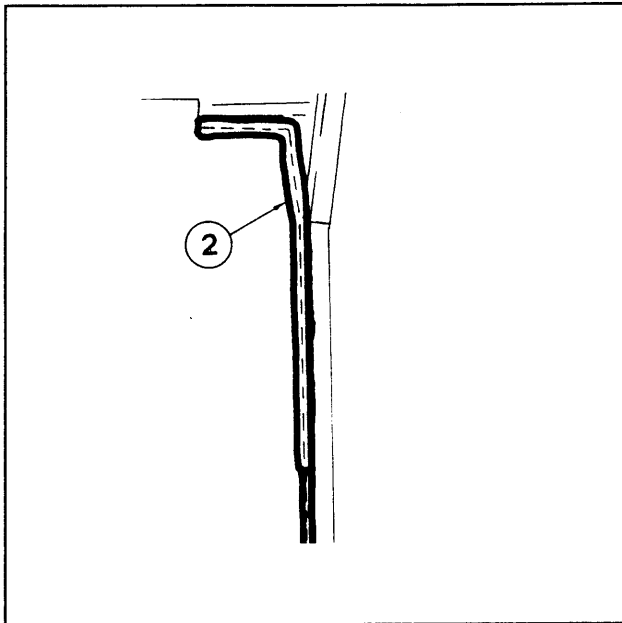


Figure 4

6. Repeat step 5 for the right side.
7. Locate the bottom lip at the front of the cab. Take the 90 degree O-rubber (3) and slide it onto the lip from side to side, with the bulb towards the rear. (see Figure 5)

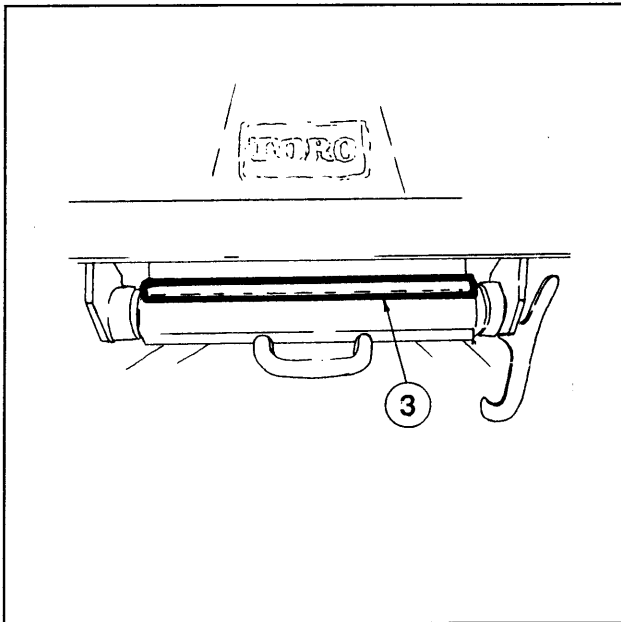


Figure 5

8. **NOW YOU ARE READY TO MOUNT THE CAB.** Place one 9/16"i.d.x3"o.d. rubber mount on each cab mounting plate of the rear bracket. Lift the cab, using the lift bolts located near the roof, directly above the unit. Slowly, lower the cab until the rear panel slips past the cab mounting plates of the rear bracket. Push the cab forward as far as possible, then lower the cab until the cab mounts rest solidly on the rubber mounts. Bolt the cab snugly to the rear brackets as shown in figure 6.

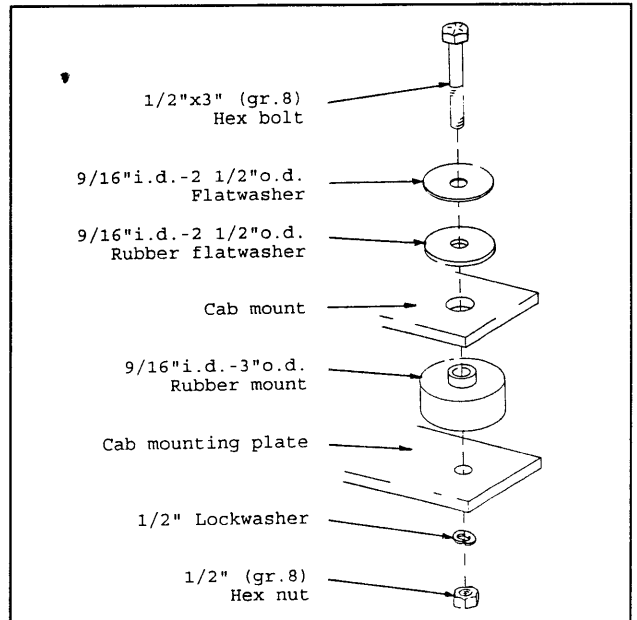


Figure 6

9. Adjust the front cab height until the front cab mounts line up with the front tube of the operator foot platform. Place one 3/4"i.d.-2 1/2"o.d. rubber mount between each cab mount and the tube. Bolt the cab snugly to the tube as shown in figure 7.
10. Tighten all rear bracket bolts.

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455D TORO MOUNTING INSTRUCTIONS

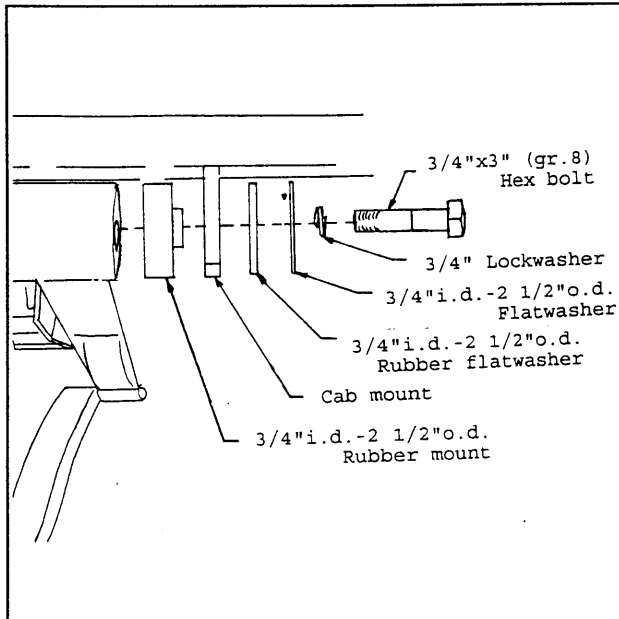


Figure 7

11. Take the left platform extension (4) and position it against the top of the operator foot platform and cab shield support, in the left, front corner of the cab. Drill two 9/32" dia. holes through the extension and each of the support and platform. Bolt the extension to the support and platform using the 1/4"x3/4" hex bolts, whiz nuts, and 5/16" flatwashers supplied. (see Figure 8)

12. Repeat step 11 for the right side.

13. Take the 33"x43" piece of floormat (5) and position it against the operator foot platform, around the steering tower. Cut the floormat to fit snugly around all pedals, controls, and openings. (see Figure 9)

14. 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.

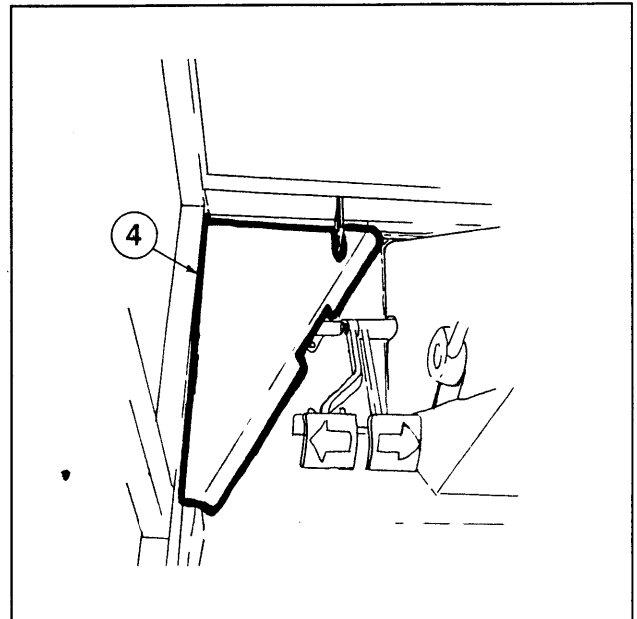


Figure 8

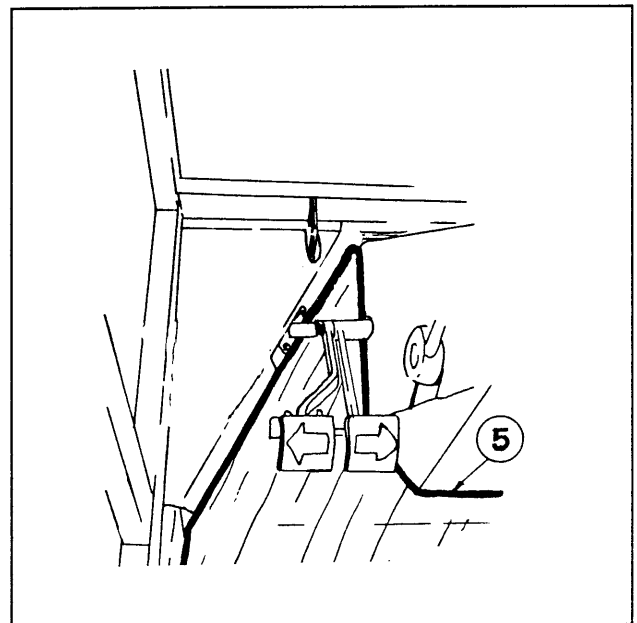


Figure 9

NOTE:

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**455D TORO
HEATER CONNECTION PARTS LIST**

HARDWARE:

Item	Qty	Description
1	1	1/2"NPT-3/8"NPT Bushing
2	2	3/8"NPT-3/8"barb 180 degree Fittings
**	2	HS-24 Hose clamps
**	2	MH-6 Hose clamps

MISCELLANEOUS:

Item	Qty	Description
**	1	25' 3/8"i.d. Heater hose
3	1	1 3/8"o.d. Splicer

455D TORO HEATER CONNECTION INSTRUCTIONS

1. Proceed with the following **AFTER** the cab has been mounted.
2. Drain the antifreeze in the unit.
3. Remove the two 5/16"x1 1/2" bolts fastening the roof to the front cab frame. Open the roof, using the roof prop to secure the roof.
4. Remove the pressure plug located at the top, right of the thermostat. Take one of the 1/2"NPT-3/8"NPT bushings (1) and screw it into the housing. Then, screw one of the 3/8"NPT-3/8"barb 180 degree fittings (2) into the bushing. **REMEMBER** to use a water sealant material around the threads of the bushing and fitting. (see Figure 1)

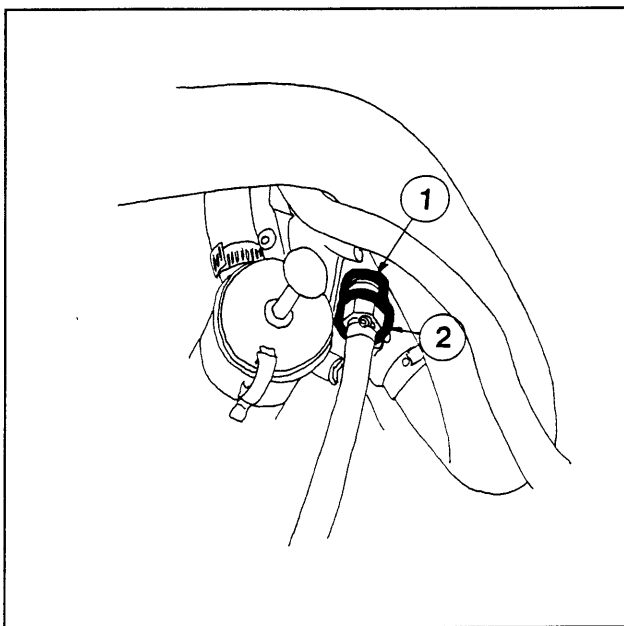


Figure 1

5. Locate the lower radiator hose, near the water pump. Cut the hose where shown. Screw the 3/8"NPT-3/8"barb 180 degree fitting (2) into the 1 3/8"o.d. splicer (3). **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-24 hose clamps provided. (see Figure 2)

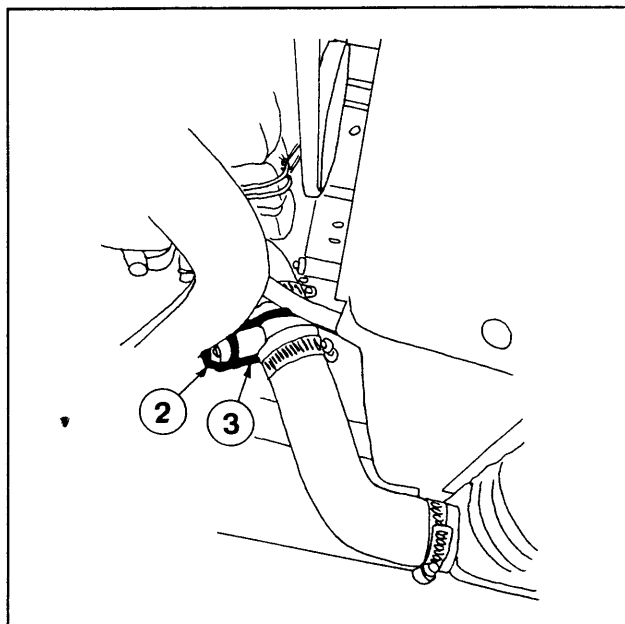


Figure 2

6. Locate the 3/8"i.d. heater hose at the base of a rear, corner of the cab frame. Identify which side of the hose connects to the water valve of the fan/heater assembly. Route the hose to the pressure fitting (2). 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.

7. Take the remaining heater hose and route it to the suction fitting (2). Tie down the hose as required to ensure it does not interfere with any controls, levers, or

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455D TORO HEATER CONNECTION INSTRUCTIONS

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.

8. Ensure all connections are tight, lower the roof, and fill antifreeze.
9. Open the water valve, using the rotary control cable in the switchplate of the cab, 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.
10. 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 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.
11. Rebolt the roof to the cab frame.

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