RR705 Log Forwarding Trailer
Owner's Manual

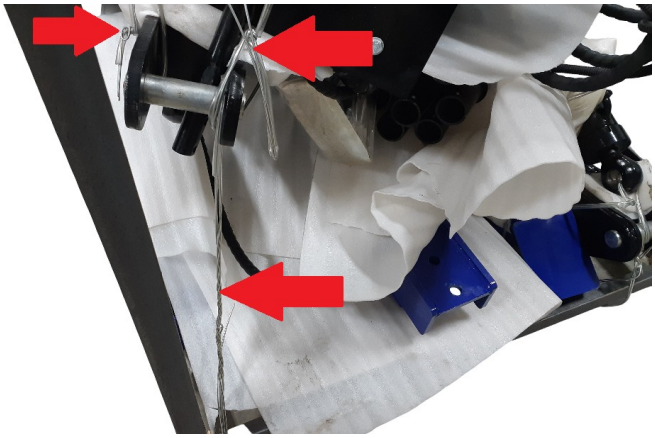


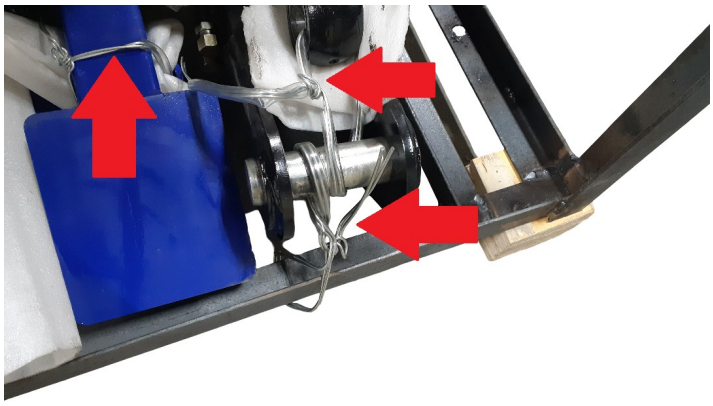
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Remove everything from the crate. Remove or cut all wires and fasteners. Be careful. If any cables or hoses are tangled, carefully untangle them. Remove everything until you reach the crane mast.









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The valve assembly is connected to the mast via four hydraulic hoses. There are now two options. If there are enough helpers available, you can lift the mast, along with the hoses and valve, out of the box and then mount everything together on the frame later.
If there are only two of you, you can remove the hoses from the mast and reconnect them later. When removing the hoses, be careful not to lose the O-rings. It's also a good idea to install blind plugs or take other measures to prevent hydraulic fluid from leaking. It's important to mark the hoses so they can be reconnected in the correct order.









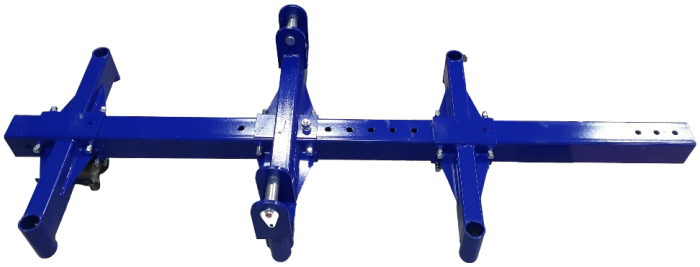


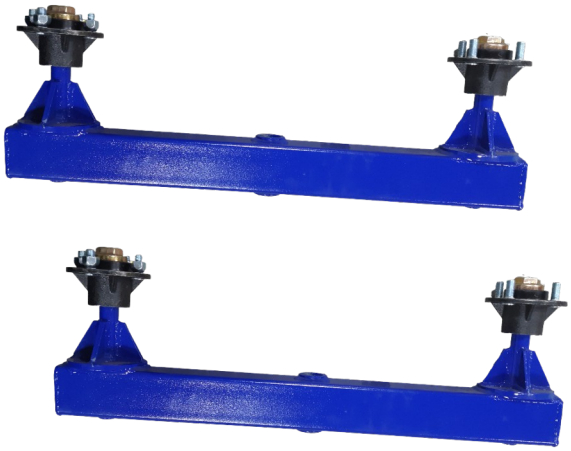


Finish unpacking.

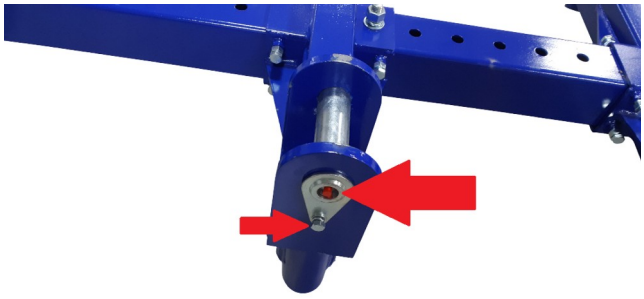
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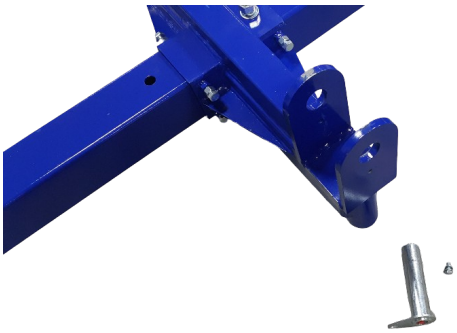
First, attach the walking beam axles to the frame.





Remove the screw and then the pin. Install the walking beam axle, and secure the pin again with the screw.





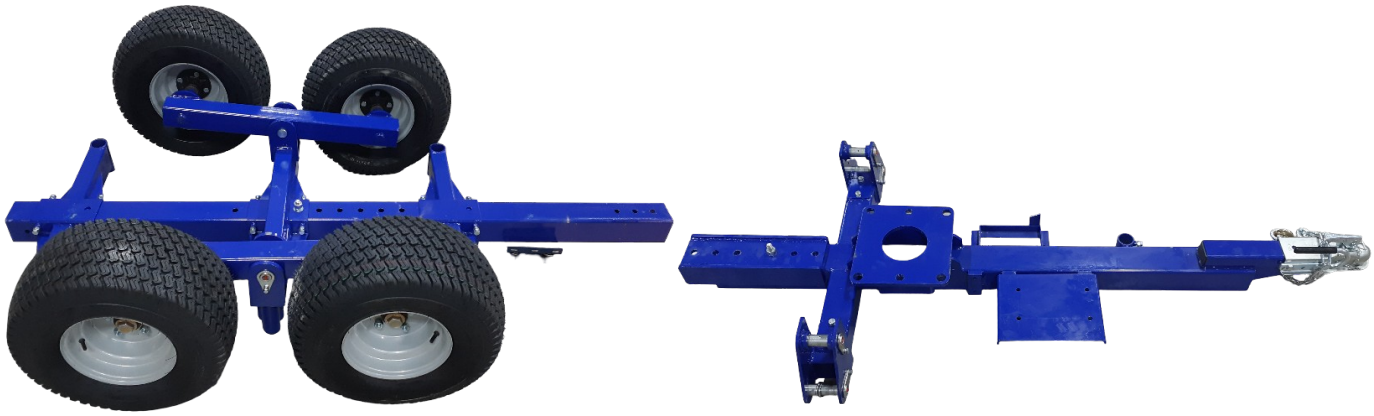


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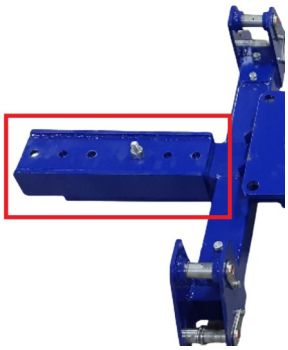
Install the wheels. Tighten the wheel nuts to 75 inch-pounds. Check the tire pressure.



Now the front part of the frame is connected to the rear part. To do this, you'll need a jack to keep the rear section with the wheels level.

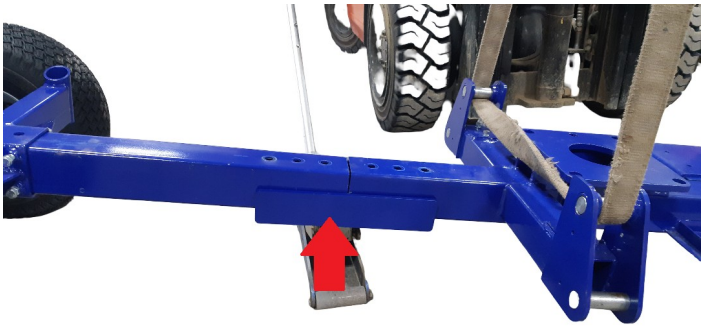


Remove the U-shaped part from the frame.



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Join the two frame pieces together. The U-shaped piece goes on from the bottom.





The black protective frame goes on top of that. The screws installed in the center point forward. Install the 6 screws.



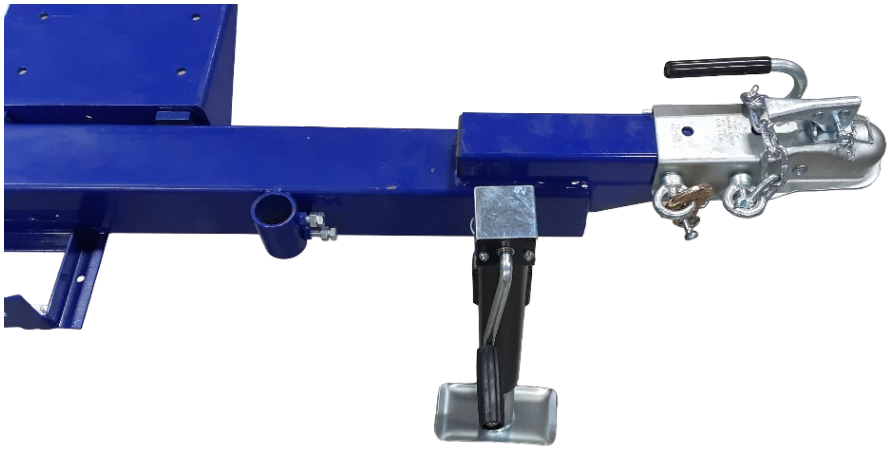




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Install the front stand.



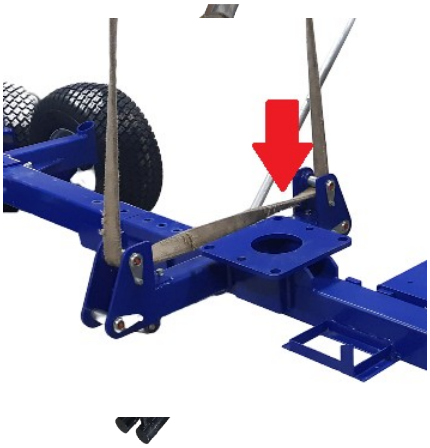


Install the hydraulic tank on the guard.



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Next, the mast is installed using 6 screws.







These two struts are now being installed. They have different angles at each end. They can only be installed in one orientation.



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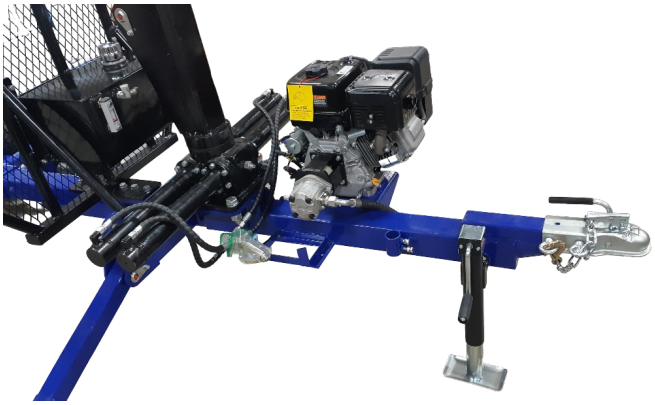
Now install the supports. Remove this pin. Insert the support and reinstall the pin. Secure it with the screw. Do the same on the other side.





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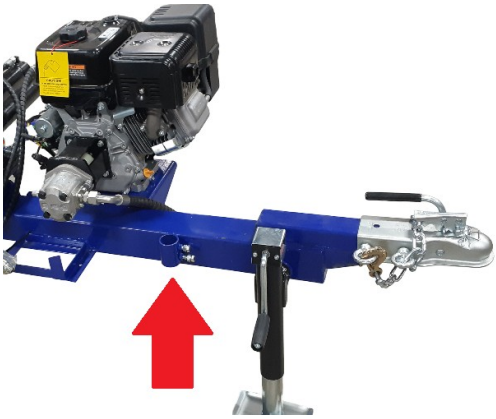
Install the engine.





Install the valve mount.









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Remove the pin. Install the valve and secure it with the pin.



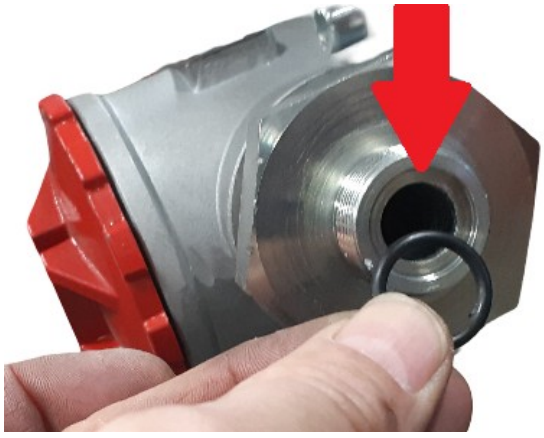


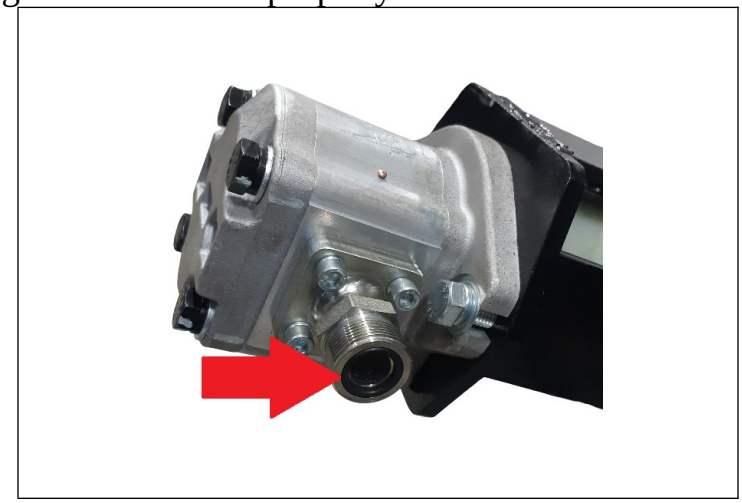
A loose hydraulic hose is included. Connect it to the hydraulic tank filter and the hydraulic pump. Make sure the O-ring is present and installed correctly.



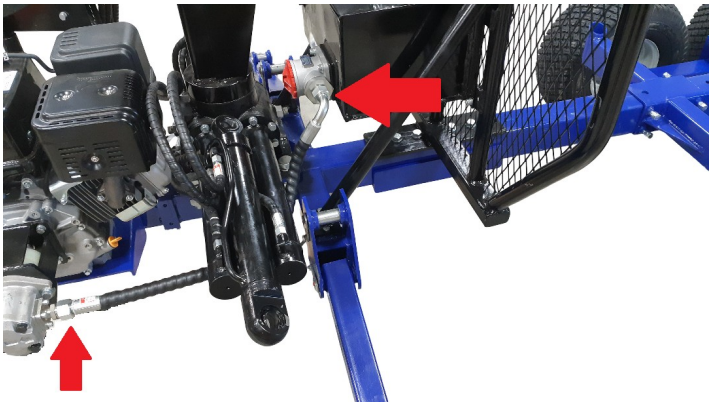


The O-ring must fit perfectly into the recessed part of the fitting. If it doesn't, it will be pinched by the edge and won't seal properly.

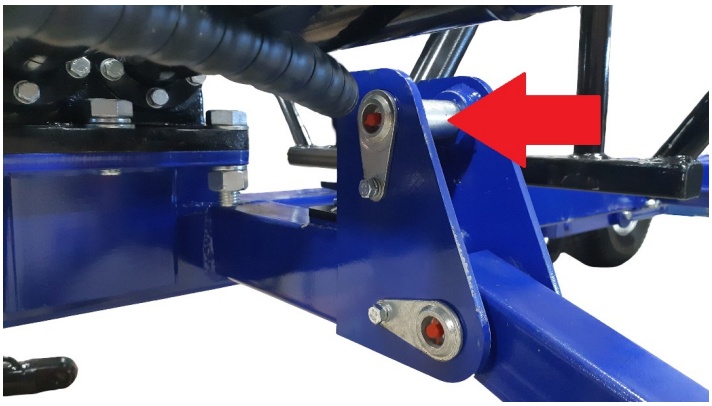




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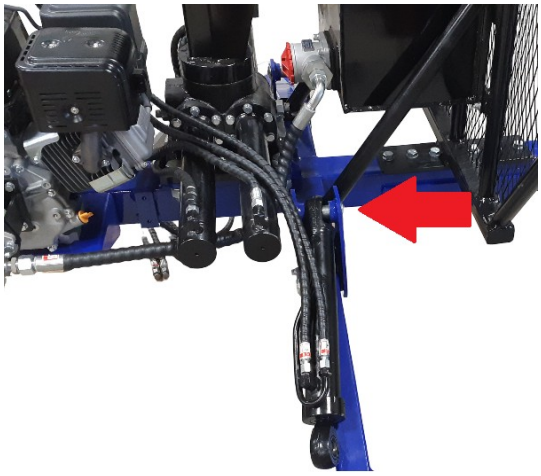


Remove this pin. Install the hydraulic cylinder attached to the hoses coming from the valve. Install the pin and the locking screw. Do this on both sides.









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Remove this pin. Lift the support upward. Attach the other end of the cylinder to the stand. Install the pin and the locking screw. You may need to pull the cylinder out slightly.
Hold the stand firmly, because there is no pressure in the system and the stand will try to tip over under its own weight, which could injure someone.
Do this on both sides.





If the four hydraulic hoses were disconnected from the mast at the beginning, reconnect them now. Make sure the O-rings are properly seated in the recesses.

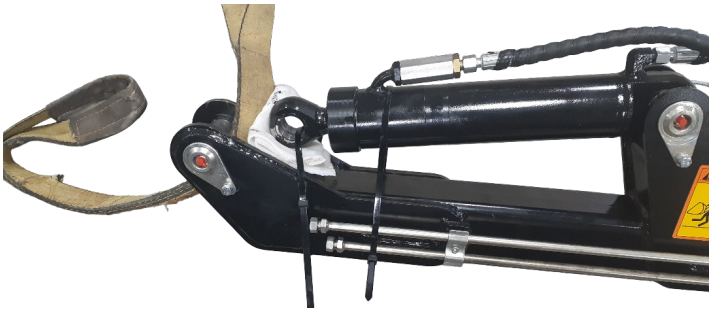




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Next, install the crane’s center arm. A hydraulic cylinder is already attached to one side of it. Secure the other end of the cylinder to the arm with wire or cable ties to prevent any damage. Pull the pin out of the mast. Insert the side of the arm where the winch is mounted into the mast. Install the pin and the locking screw.





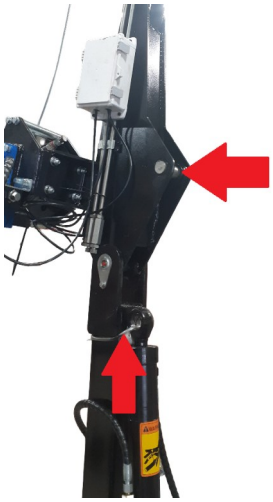






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Remove this pin from the arm and detach the cylinder from the mast. Lower the arm until it is horizontal. Connect the cylinder to the arm and install the pin and locking screw.





Remove the pin from the first arm. Remove the pin from the second arm. Lift the 2nd arm so that it can be inserted into the first arm. Install the pin and the locking screw.



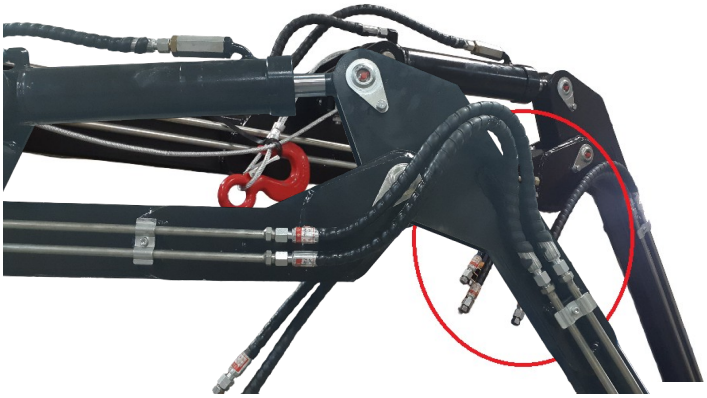


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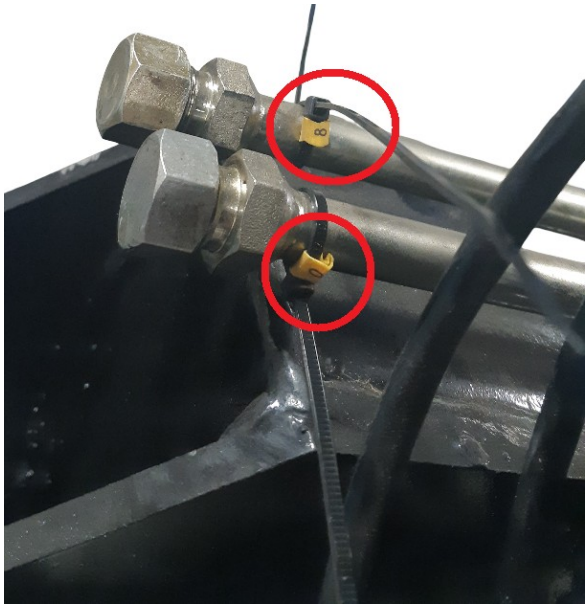
Connect the hydraulic hoses from the second arm to the metal lines on the first arm, making sure the hoses don't cross at the end. Do this on both sides. Pay attention to the O-rings again.



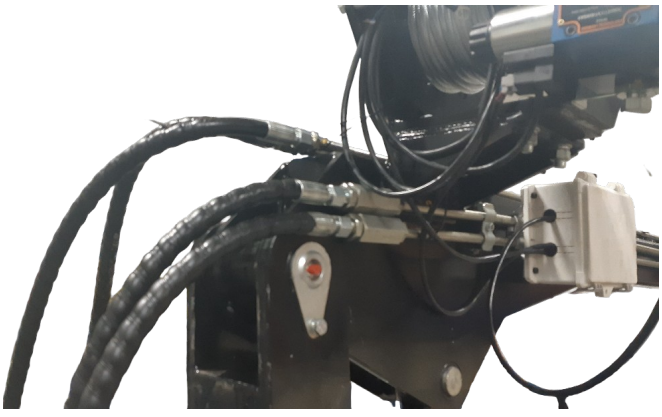
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Do the same thing from the mast to the first arm. The 6 metal lines are numbered. The 6 hoses coming from the valve are also numbered. Connect the hoses to the lines according to their numbers. Pay attention to the O-rings.



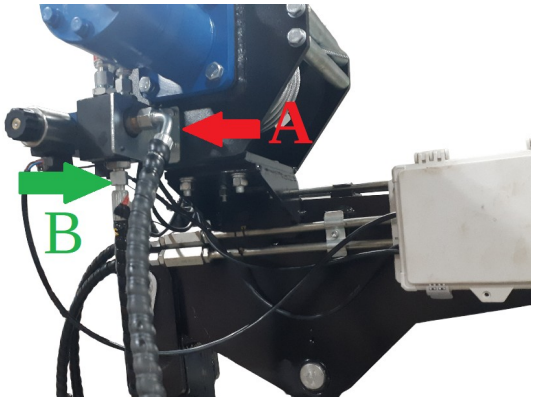


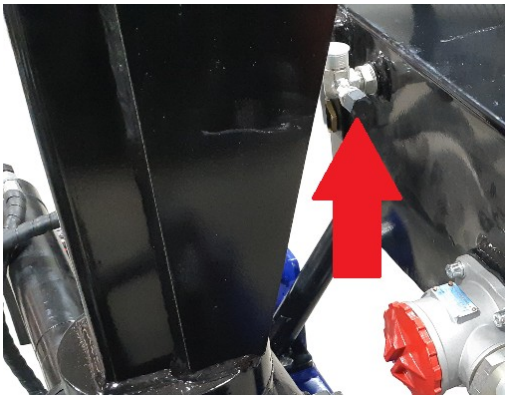


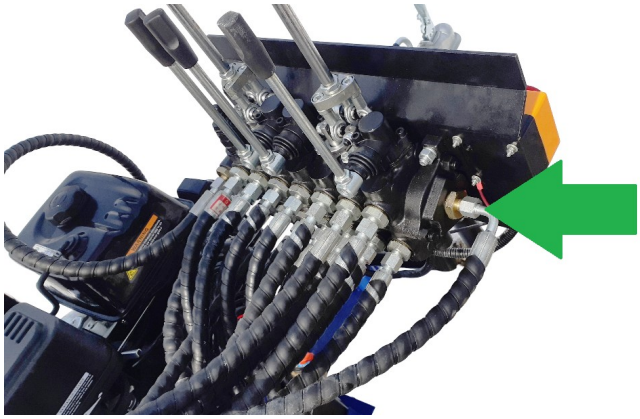


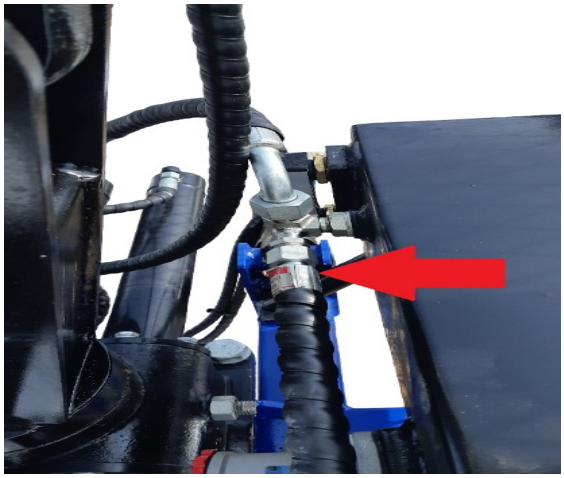
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Next, connect the winch. Hydraulic hose A goes to the tank. Hose B goes to the valve.

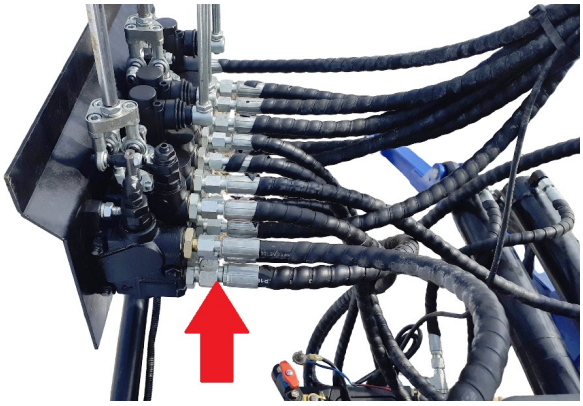








The return hose from the valve to the tank must now be connected.

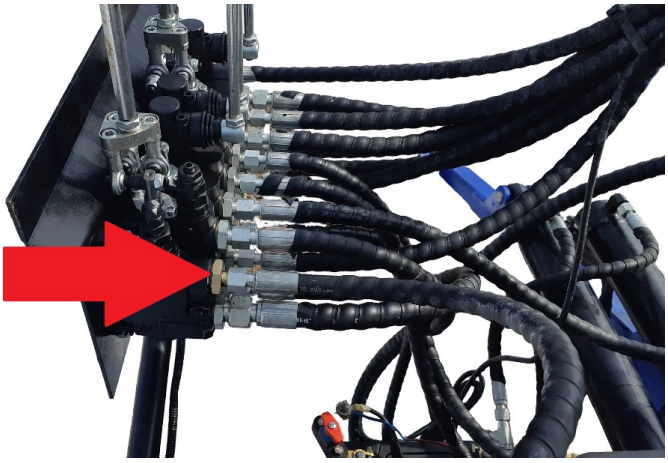


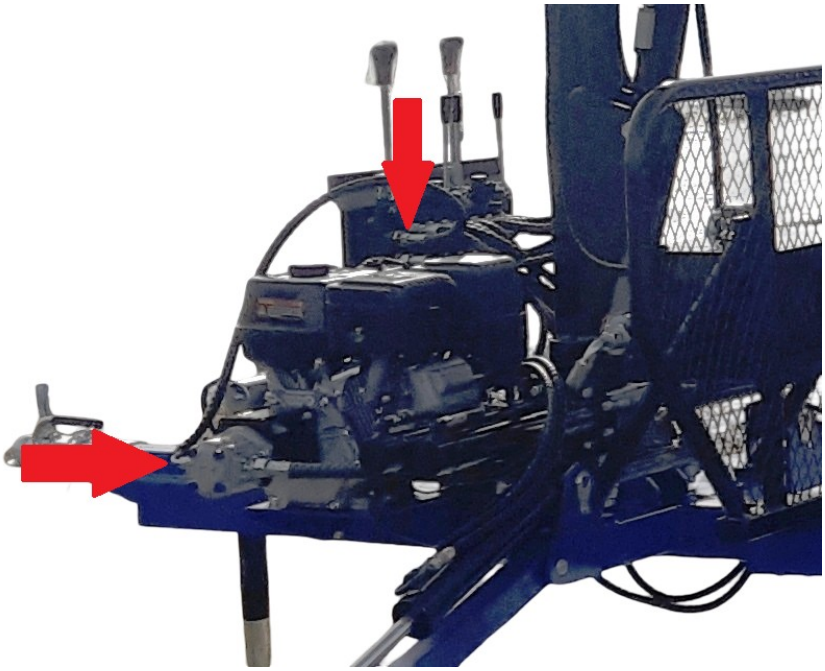


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The pressure hose from the pump to the valve must now be connected.







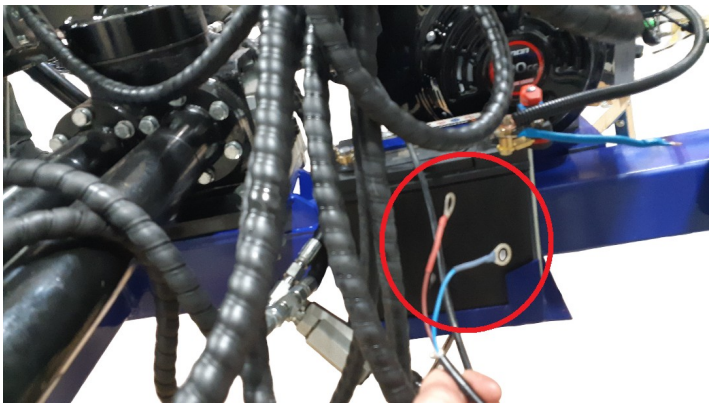
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Install the battery with the clamp. The terminals should face left. The switch with the red handle goes to the negative terminal.



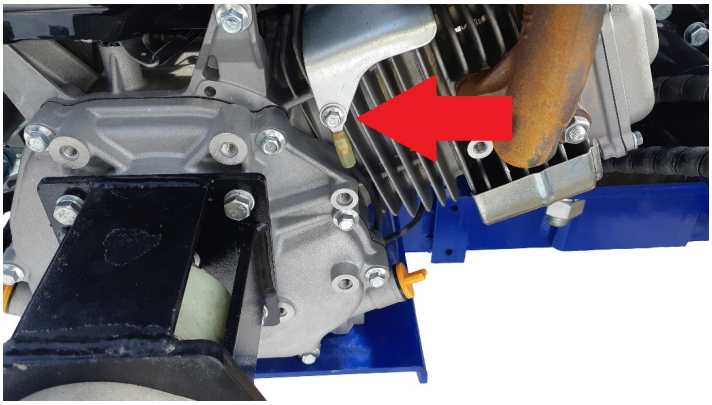


Connect the red cable from the winch to the positive terminal on the battery, and the other cable to the switch connected to the negative terminal, so that when the switch is off, the winch also has no power.



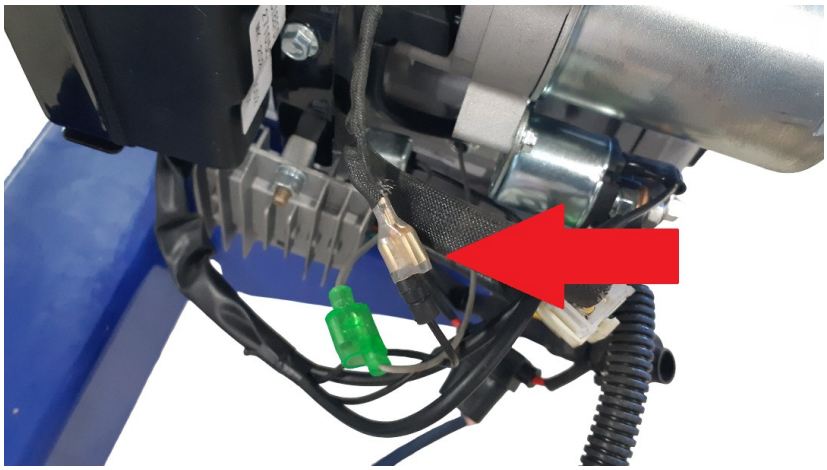
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Inside the box with parts is a cable that runs from the battery to the starter motor. Connect the red wire to the positive terminal on the battery. Connect the black wire to the switch on negative terminal on the battery. On the other end, connect the red wire to the starter motor’s solenoid. For the negative wire, find a screw on the engine that you can easily remove for a moment and connect the negative wire there.

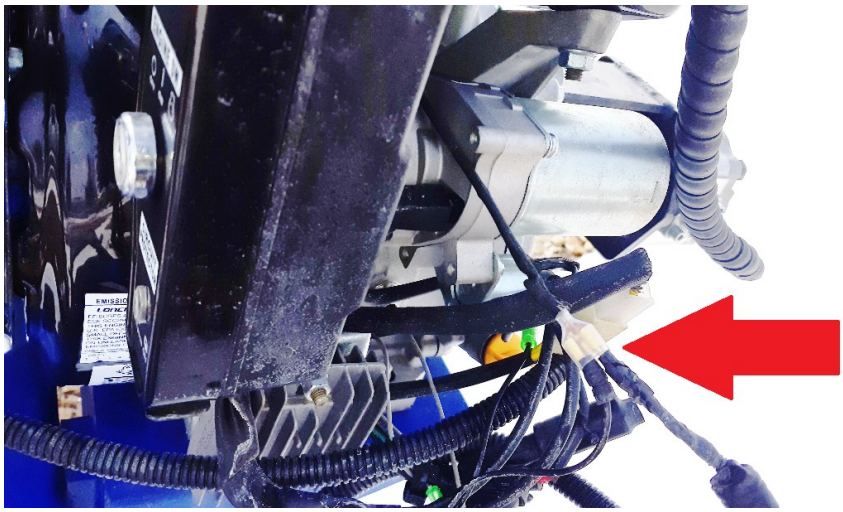


There is a cable on the motor that leads to a dual connector. The cable coming from the emergency stop switch must be plugged into this open slot.





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Install the side bars.







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Install the frame extension.





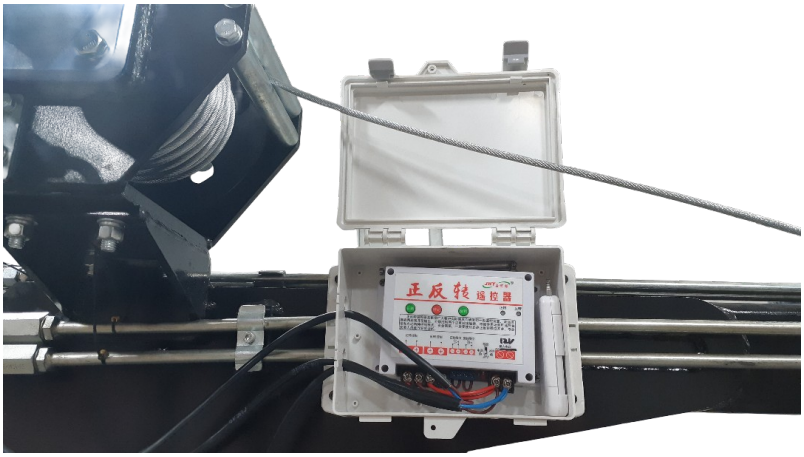
The easiest way to install the grapple is to fill the engine and crane with engine oil and AW hydraulic oil. Start the engine and move all the levers until all the hoses are filled and everything is working properly. Place the grapple upright on the ground, move the crane arm over the grapple, and guide it into position.
Finally, connect the grapple's two hydraulic hoses to the crane. There are numbers on the hoses.





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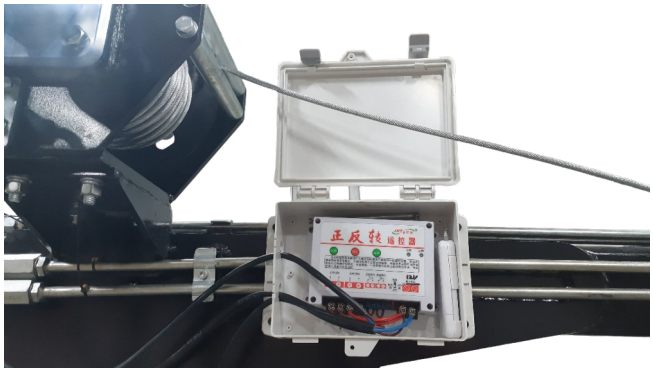
The remote control is located in the winch control box. To use it, pull the front panel down.



The button on the right extends the cable. The button on the left retracts the cable. The button at the bottom stops the winch.







VERY IMPORTANT. When you start the winch using the “in” or “out” buttons and then release the button, the winch WILL NOT stop. You MUST press the stop button to stop the winch.



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