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ISUZU GIGA 4X 4x2 LHD 10,000L Water Truck Operation Guidance

1. Pull the brake, start the truck engine, when air pressure is point to 6-8, press the clutch pedal, push in the PTO Button, the PTO is start to make truck working.

PUSH IN
PULL OUT

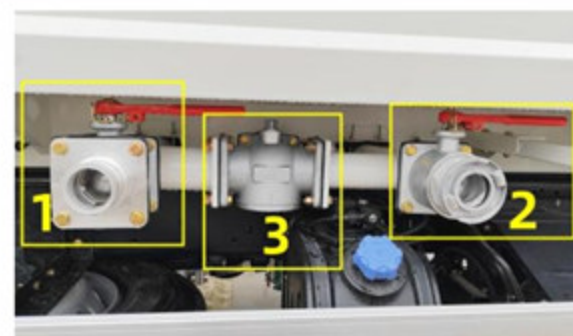
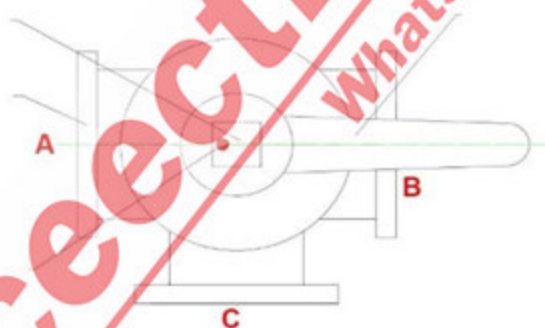
Work Position
Off-Work Position



2. When PTO is on, the driving shaft rotating Water Pump working, control the valve can realize

Water Pump In process---Refer to 3-1
Water Into Tank from Fire Hydrant process---Refer to 3-2
Water Pump Out process---Refer to 3-3
Water Spraying process---Refer to 3-4
Parallel to Pipeline---Pump Out Valve Open
Vertical to Pipeline---Pump Out Valve Closed
Parallel to Pipeline---Valve Open
Vertical to Pipeline---Valve Closed

- Valve 1 Water Pump In Valve
- Valve 2 Water Pump Out Valve
- Valve 3 Adjust Valve



Red Point: Means this way closed (Picture showing is A-way closed, B & C way open)

KINDLY REMINDER

- The first time you use the sprinkler, or when the sprinkler is empty tank and then use it, you must fill the water pump with a quantitative amount of lead water.
- When you need the water pump to work, step on the clutch pedal first, then turn on the power take-off switch, and then slowly release the clutch pedal, so that the water pump starts to work.
- When the temperature is lower than 0 degrees, you should open all the pipeline valves in time (including pipeline drain valve pump drain valve and retrofit components pneumatic shut-of valve), exhaust the tank and pipeline residual water, to prevent the pump from freezing and ballvalves freeze cracked.
- The pump inlet filter should be frequently dismantled and washed to prevent clogging of the filter and affecting the water flow.

SCHEMATIC DIAGRAM OF WATER DIVERSION AND FILLING FOR THE PUMP	SCHEMATIC DIAGRAM OF WATER FILLING FOR THE FIRE HYDRANT	SCHEMATIC DIAGRAM OF THE SPRINKLER OPERATION	FIRE WATER OUTLET SCHEMATIC DIAGRAM
When the pump draws water to fill, the pump works, operate according to the requirements shown in the diagram, and close the ball valves of the forward thrust, rear sprinkler and high-pressure water cannon.	Hydrant filling, the pump does not work, according to the requirements of the diagram to operate, and close the ball valves of the forward thrust, rear sprinkler and high-pressure water cannon.	When sprinkling operation, the pump works, operate according to the requirements shown in the diagram, and close the ball valves of the forward thrust, rear sprinkler and high-pressure water cannon.	When the fire outlet is discharging water, follow the requirements shown in the diagram and close the ball valves of the front nozzle, rear liquor, and high-pressure water cannon.

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3. Below showing how to use the valves to control truck working:

3-1. **Water Pump In process:** this process means water pump working, close **Pump Out Valve 2**, open **Valve 3 & Pump In Valve 1** (**Valve 3 Red point to B-Way, make B closed, A and C way open**), connect the pipeline with Valve 1, the other side of pipeline be in pond, river, etc, then the water pump start working and water go into the tank through Inlet Valve 1, details showing as above chart.

3-2. **Water Into Tank from Fire Hydrant process:** this process means water pump not working, close **Pump In Valve 1**, open **Valve 3 & Pump Out Valve 2** (**Valve 3 Red point to B-Way, make B closed, A and C way open**), connect the fire hydrant pipeline with **Valve 2**, then the water go into the tank through **Outlet Valve 2** at the high pressure of fire hydrant, details showing as above chart.

3-3. **Water Spraying Process:** close **Valve 3 & Pump In Valve 1** (**Valve 3 Red point to A-Way, make A closed, B and C way open**), also close **Pump Out Valve 2**, then the pump start working and water go out of the tank through **Outlet Valve 3**, details showing as above chart and below picture showing, all spraying nozzles with independent control valve for convenient and safety working:

- Water Canon: for higher position water spraying and jetting
- Upper Nozzle L & R: for road plant watering process
- Lower Nozzle L & R: for road cleaning and dust suppression
- Water Jetting Nozzles: for dust suppression
- Front Spraying Nozzles: for front water jetting and road cleaning

3-4. **Water Pump Out process:** open **Pump Out Valve 2**, close **Valve 3 & Pump In Valve 1** (**Valve 3 Red point to A-Way, make A closed, B and C way open**), then the pump start working and water go out of the tank through **Outlet Valve 3**, details showing as above chart.



4. 24 hours technical support: 0086 155 7227 0555

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