

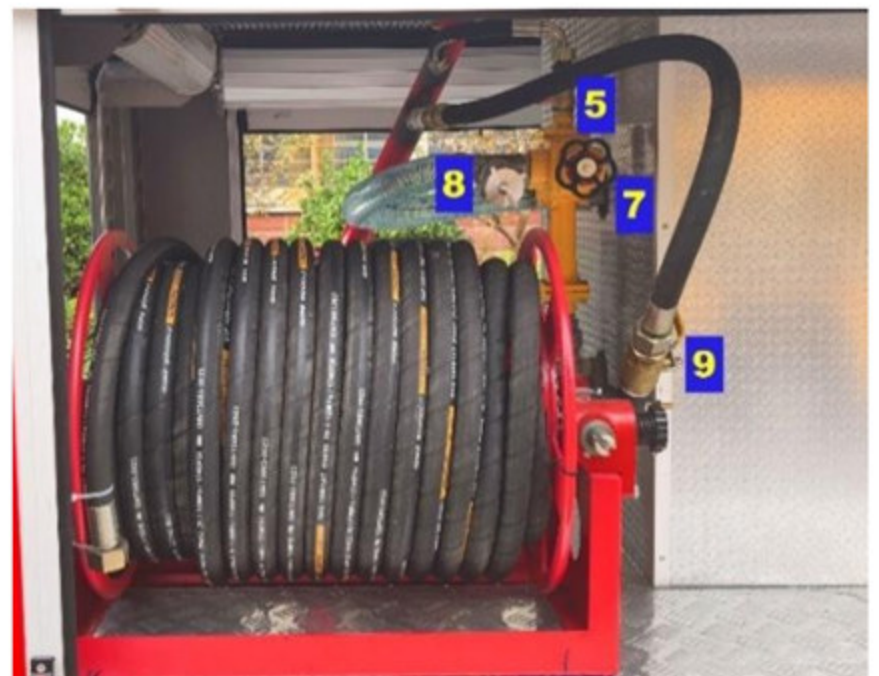
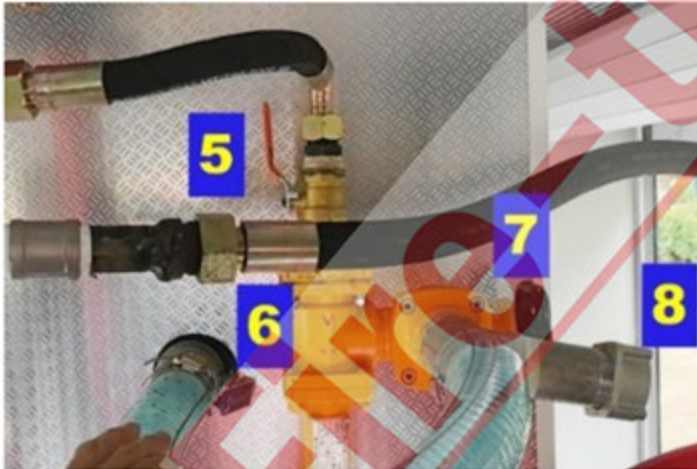
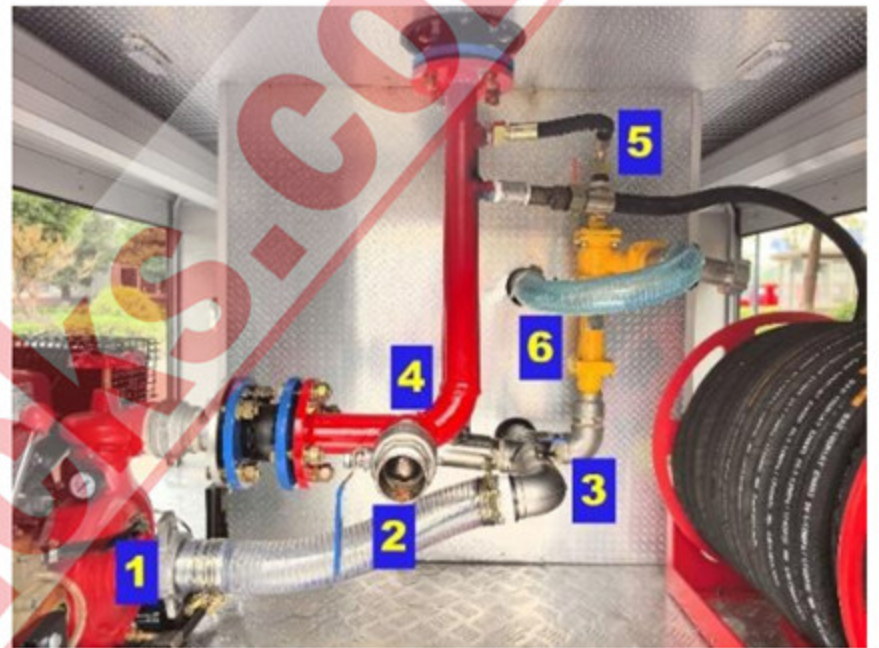


ISUZU 500+100 Liters Fire Truck Operation Guidance

1. ISUZU pick up fire truck installed with independent fire pump JBQ4.5/9, matched with engine 188F/GX390, maximum power 9.6kw / 13HP, designed speed 3600r/min and flow rate 600L/min, which can be operated independent to realize pump in and pump out function.

2. Brief introduction of the Joints and Valves:

- 1 Joint 1 is pump inlet valve
- 2 Valve 2 is connected with pipeline hose for water outlet
- 3 Valve 3 is inside tanker water for water jetting
- 4 Valve 4 is the inlet valve to pump water into tank
- 5 Valve 5 control water into Foam Proportioner
- 6 Valve 6 is foam tanker outlet valve
- 7 Valve 7 is used for adjust the Foam Proportioner
- 8 Joint 8 is foam from outside for usage
- 9 Valve 9 is control to use pipeline hose reel
- 10 Joint 10 is fire hydrant inlet valve DN70



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3. Detailed Steps for Operation-----to use for Water Pump In process:

- 1 Start fire pump auxiliary engine and make fire pump is working
- 2 **Way 1**--Connect the DN50 pipeline with rear suction joint 1, make it fasten, the other side of pipeline connect with filter, then put inside river or pool
- 3 Close valve 2, 3, 5, 6, 7, 9, close joint 8, 10
- 4 Open valve 4, then water can be pump into water tanker
- 5 **Way 2**--Only open joint 10 and connect with fire hydrant with DN70 valve for water into the tanker
- 6 **Way 3**--Open the top manhole cover to add water into the tanker from top

4. Detailed Steps for Operation-----to use for Water Pump Out process:

- 1 Start fire pump auxiliary engine and make fire pump is working
- 2 **Way 1 only with Water**--Connect the DN50 pipeline with water outlet Valve 2
- 3 Close valve 4, 5, 6, 7, 9, close joint 8, 10
- 4 Open valve 2, 3, then water can be pump out with pipeline and gun
- 5 **Way 2 only with water jetting from top fire monitor**—Operation same as above, only open the top fire monitor control valve to Down Position for ON, then water can jet out from fire monitor
- 6 **Way 3 only with water jetting from 50m fire hose reel**—Close valve 2, 4, 5, 6, 7, close joint 8, 10, Open valve 3, 9, close the top fire monitor control valve to Up Position for OFF, then water can jet out from fire hose reel with gun



- 7 **Way 4 fire fighting with foam, same operation as above, only below difference.**
- 8 Inside tanker foam for jetting, Valve 5 need open, Valve 7 will be used for adjust to choose suitable proportion
- 9 Outside foam for jetting, Valve 5 need open, Joint 8 open to connect with outside foam, Valve 7 will be used for adjust to choose suitable proportion
- 10 Turn on the Water Tank Drain Outlet Valve and Foam Tank Drain Outlet Valve, to discharge all water and foam from the tanker
- 11 Turn on/off the fire monitor control valve UP and DOWN 2-3 time, which can make sure no stock inside, then reset the Fire Monitor position to make it suitable for driving
- 12 Turn on the Pump Drain Ball Valve, to discharge all water inside fire pump, especially in winter to avoid frozen problem



Pump Drain Ball Valve:
To discharge all water
inside the fire pump

5. Checking the firefighting equipment, make all equipment reposition and ready for next working

6. 24 hours technical support: 0086 155 7227 0555

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