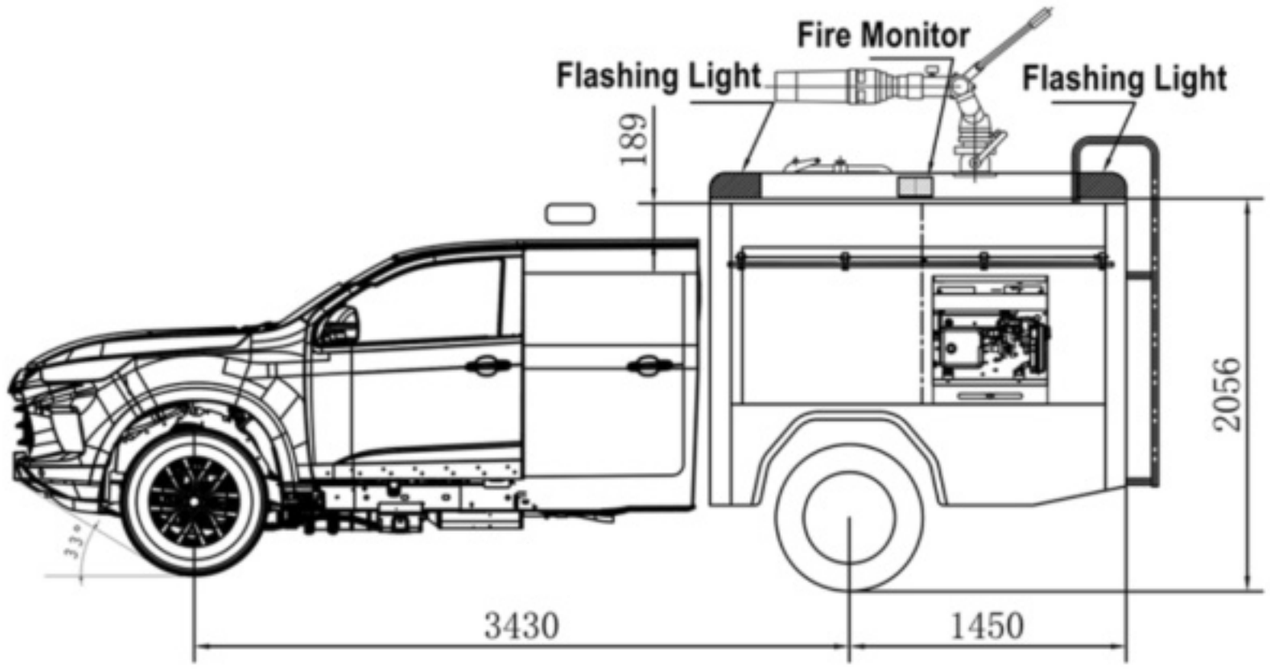
ISUZU Rescue Fire Pickup

600L water + 200L Foam

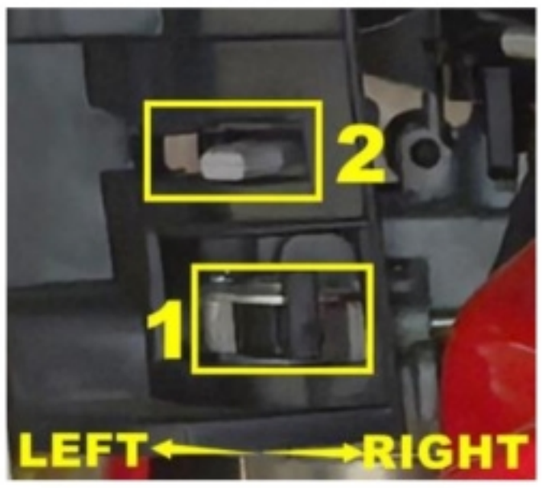






ISUZU 600L Water 200L Foam Pick Up Fire Truck Operation Guidance

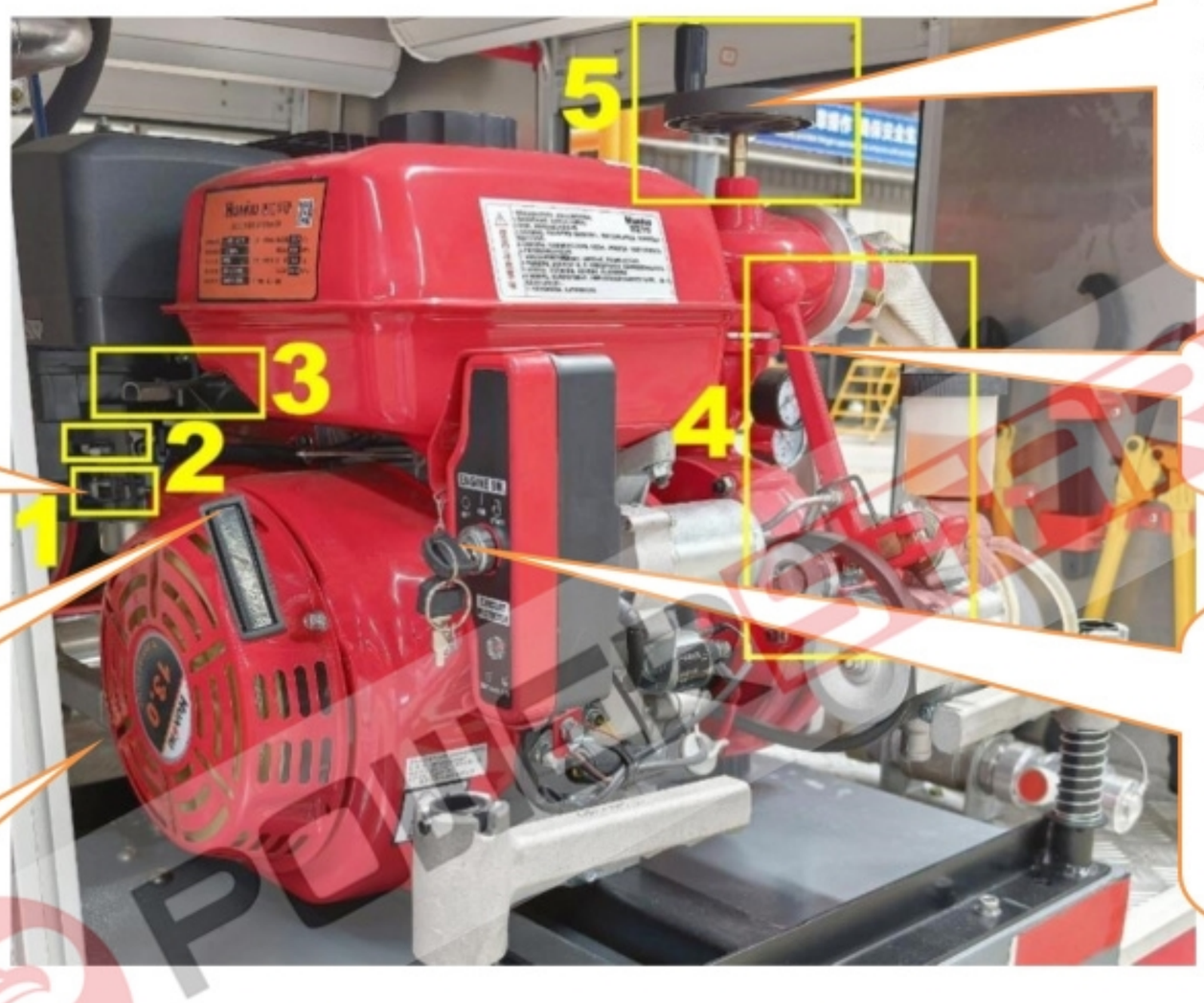
1. ISUZU 4x4 pick up truck equipped with independent fire pump.
2. Introduction of the Independent Fire Pump Assembly (#92 gasoline):



Valve 1: Gasoline Valve:
LEFT: Valve Closed
RIGHT: Valve Open

Valve 2: Air Inlet Valve:
LEFT: Valve Open
RIGHT: Valve Closed

Valve 3: Accelerator:
LEFT: Acceleration ON
RIGHT: Acceleration OFF



Valve 5: Pump Valve:
Only need to be closed when fire pump working for vacuum suction process.
Both Pump in and pump out process need to keep OPEN

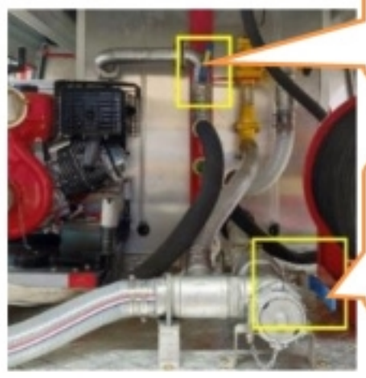
Valve 4: Vacuum Valve:
Pull Out: Vacuum Suction
Push In: Off Work

Ignition Switch:
OFF: Off position
ON: Ready position
START: Ignition to start position can start the fire pump

Start ON the Fire Pump: Valve 1 right side keep open, Valve 2 left side open, Valve 3 right side make acceleration OFF, turn Ignition Switch to ON and START position, or turn Ignition Switch to ON position and pull out the cable, then fire pump is ON, then slowly adjust Valve 3 to left side slowly. Valve 2 right side closed, finally fire pump can start working normally.

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

1. Start the fire pump as above step showing
2. Connect the DN50 pipeline with rear suction joint, make it fasten, the other side of pipeline connect with filter, then put inside river or pool
3. Close the whole Foam System Valves
4. Close the Outlet Valve and close the Pump Valve initially
5. Close all Outlet Valves at two sides, also top Fire Monitor and hose reel
6. Close the side mounted water tank and foam tank drain outlet valves
7. ONLY Open the Water Inlet Control Valve as picture showing
8. Pull out the Valve 4 Vacuum Valve slowly, to make fire pump make vacuum, checking if the pipeline has water start suction up in to the fire pump, when the transparent pipeline full of water, means suction succeed. Then can release push in the valve 4 to make off work, open the Valve 5
9. Pump Valve and Inlet Valve, then water will keep suction into tanker by negative pressure, check water level, when it is full, turn off the truck
10. Ignition off the Fire Pump
11. Same process for foam suction and jetting, use foam inlet and outlet valve. Foam tanker can be only add from top mounted manhole.



Water Inlet Control Valve:
HORIZONTAL: Valve open
VERTICAL: Valve closed

Water Outlet Control Valve:
HORIZONTAL: Valve open
VERTICAL: Valve closed



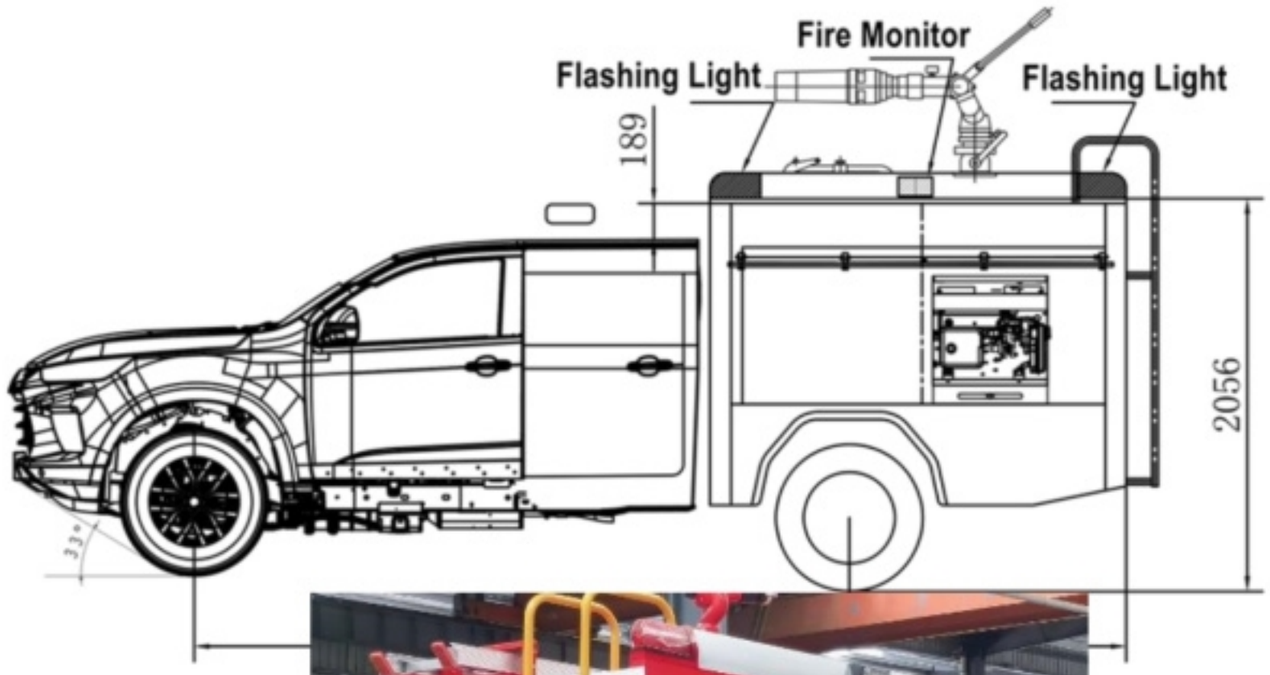
Pressure Gauge:
Range: 0-16 bar
Efficiently working pressure is 10 bar

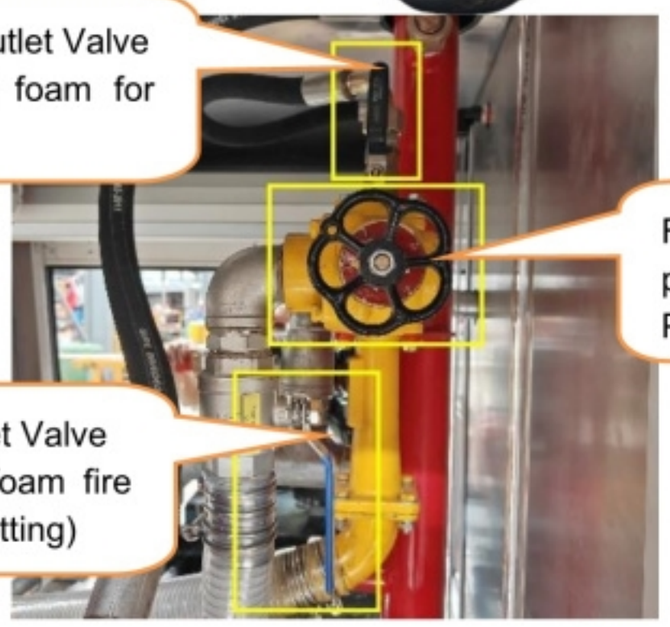
Vacuum Gauge:
Range: -0.076~0 Mpa
Efficiently working pressure is -0.055Mpa

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Foam outlet Valve (Control foam for jetting)

Foam mixer proportioner PH64 model

Foam Inlet Valve (Control foam fire tank for jetting)



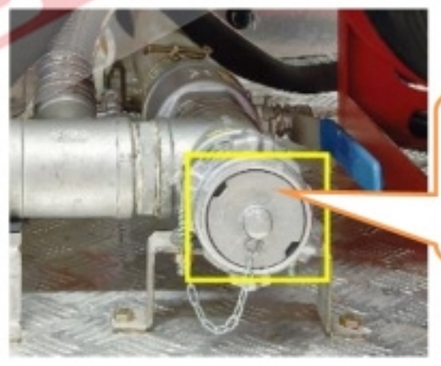
Water & Foam Tank Drain Outlet Valve

4. Detailed Steps for Operation------to use for Water & Foam Pump Out process (Outside liquid):

1. Repeat **Pump In Process 3 operation step 1 to 8**
2. After push in Valve 4, open Valve 5, **not open Water Inlet Control Valve**,
3. Optional to use Top Fire Monitor, two sides Outlet Vale, or Hose reel, control the valves separately, then can used for water/foam jetting separately, details reference **Pump Out Process 5**.

5. Detailed Steps for Operation------to use for Water & Foam Pump Out process (In tank liquid):

1. Start the fire pump as above step showing
2. Carefully checking the Water Level Gauge if full of water and Foam Level Gauge full of foam, or at least with liquid inside
3. Close the Water Inlet Joint as picture showing
4. Close the Water Inlet Control Valve as picture showing
5. Close the Pump Drain Ball Valve, which below the pump at platform
   1). Only jetting with water
   2). Open the whole Foam System Valves, which can make fire truck working with water and foam, adjust the PH64 Foam Proportioner to choose the scale
   Turn on the Fire Monitor control valve, used for water/foam jetting
6. Valve UP Position: Fire Monitor is OFF
   Valve DOWN Position: Fire Monitor is ON
7. Optional to Turn on the 2 sets Outlet valve, and connect with pipelines and gun for water / foam jetting, 2 valves can be control separately
8. Optional to Turn on the Hose Reel Valve and just this reel for jetting
9. Adjust Valve 3 can make acceleration on for faster and higher jetting
10. When Water Level Gauge and Foam Level Gauge is reach to bottom, ignition off the fire pump
11. Turn off the Water Outlet Control Valve
12. Turn on the Pump Drain Ball Valve, to discharge all water inside fire pump, especially in winter to avoid frozen problem
13. Turn on the Water Tank Drain Outlet Valve and Foam Tank Drain Outlet Valve, to discharge all water and foam from the tanker
14. 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
15.



Water Inlet Joint:
Close this joint and make it cover tightly



UP Position: OFF

DOWN Position: ON



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



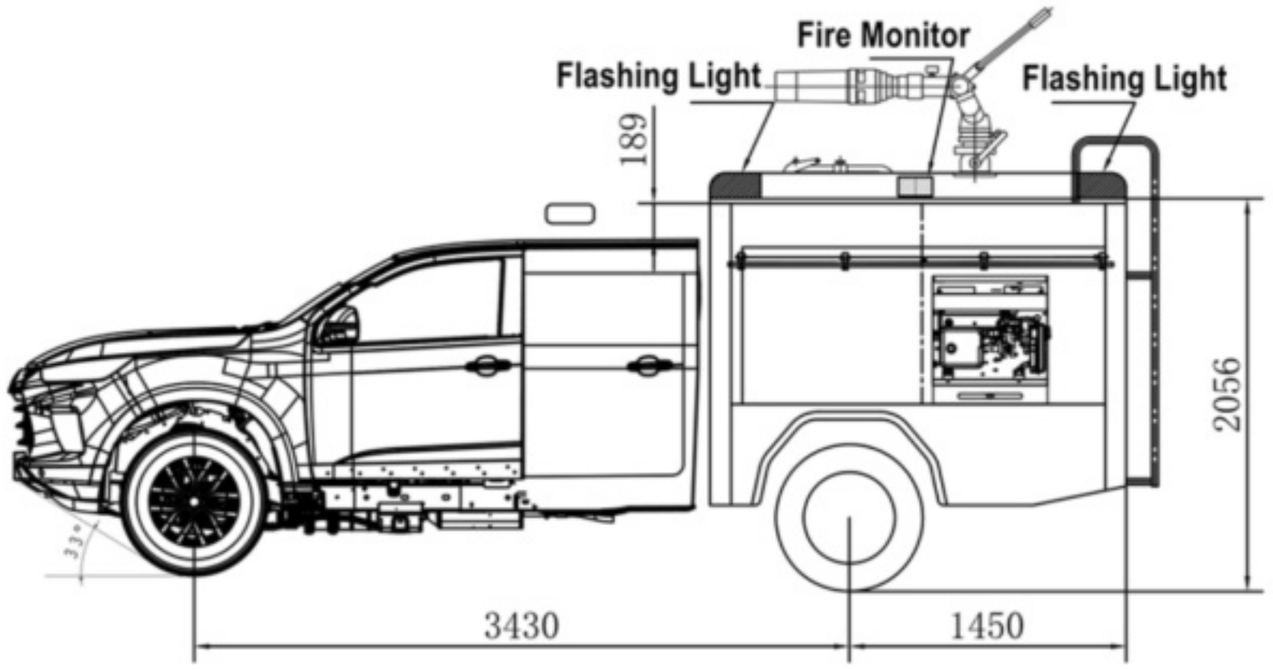
50m manual hose reel with water jetting gun, matched control valve

6. Always checking the firefighting equipment, make reposition and ready for next working
7. 24 hours technical support: 0086 155 7227 0555

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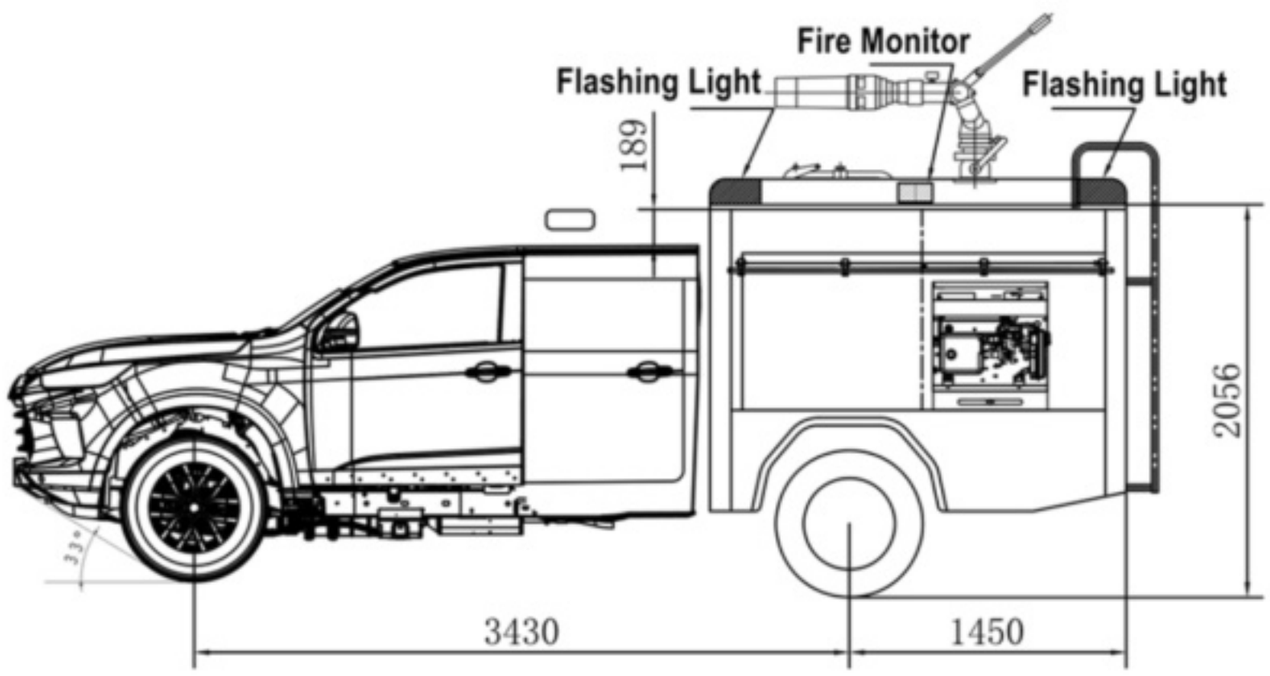




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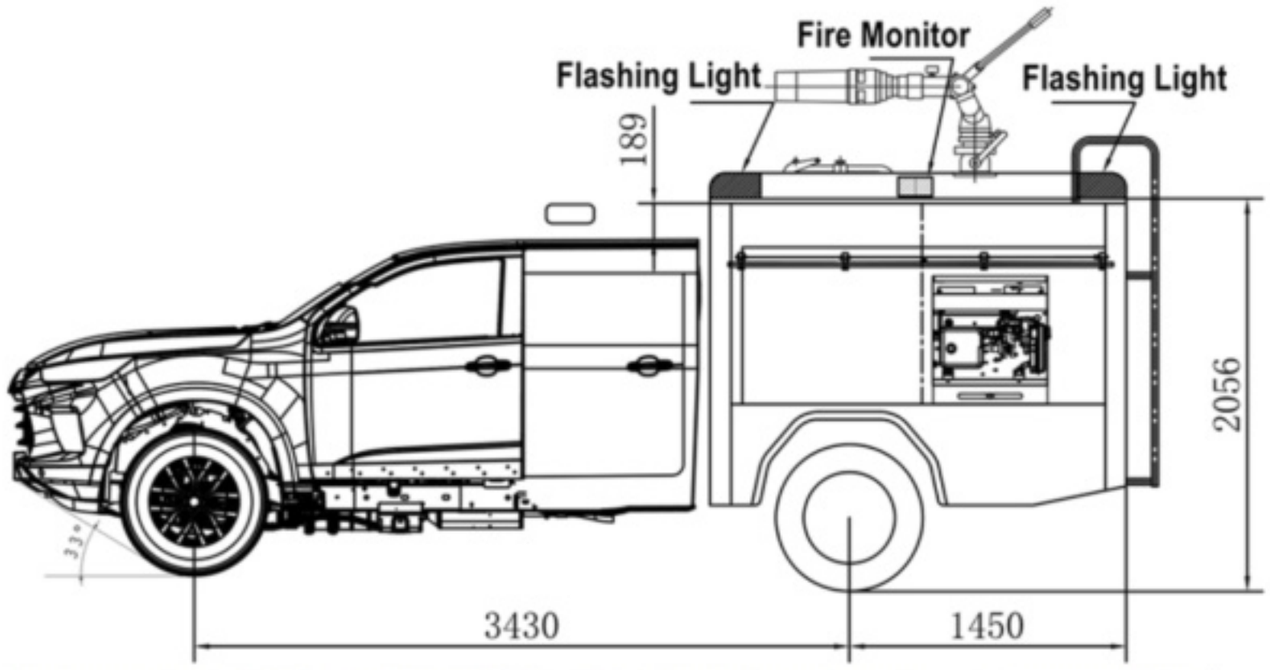




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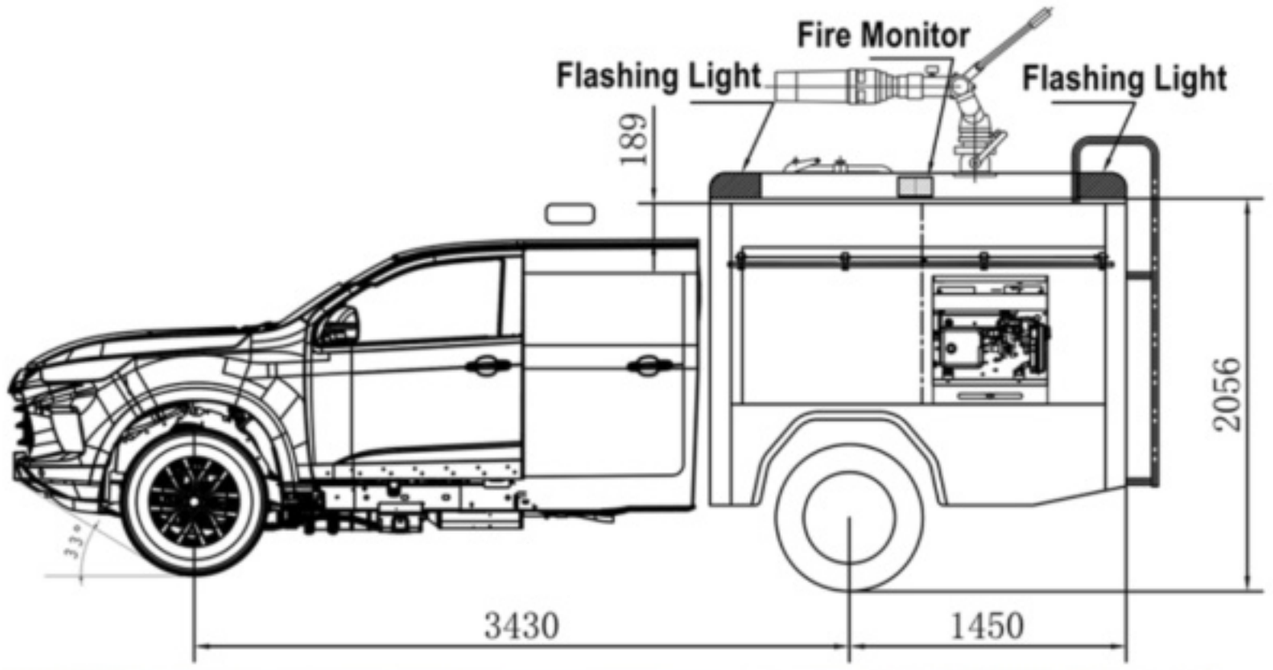




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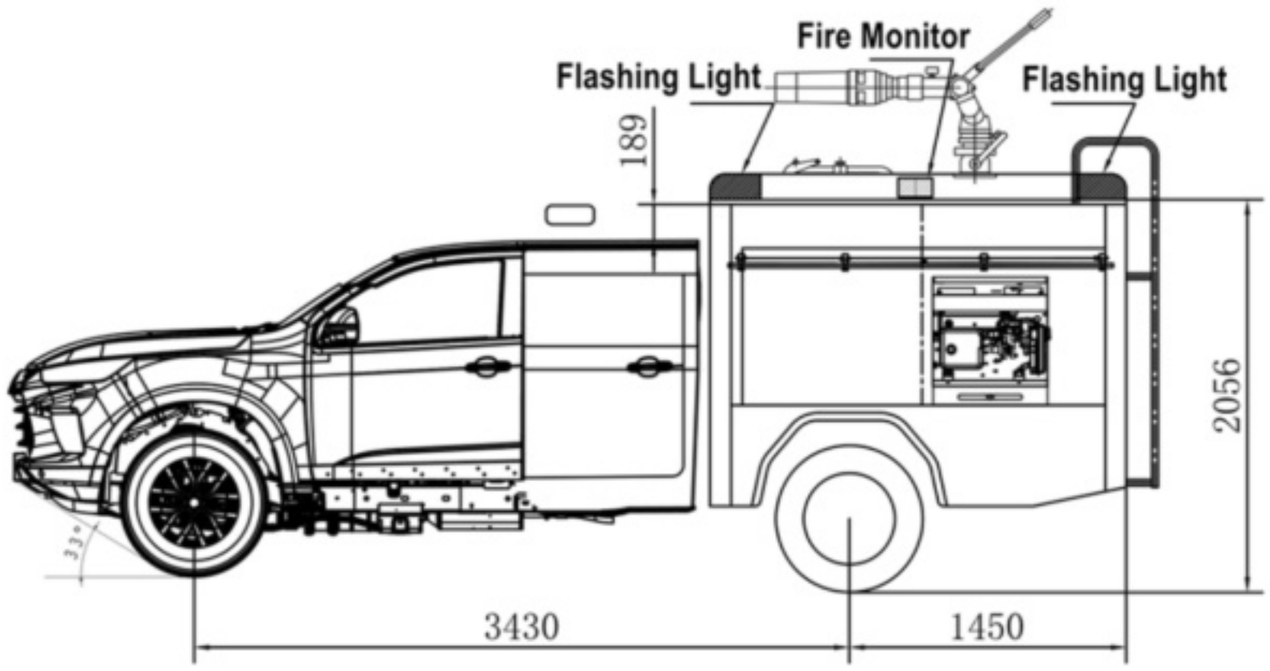




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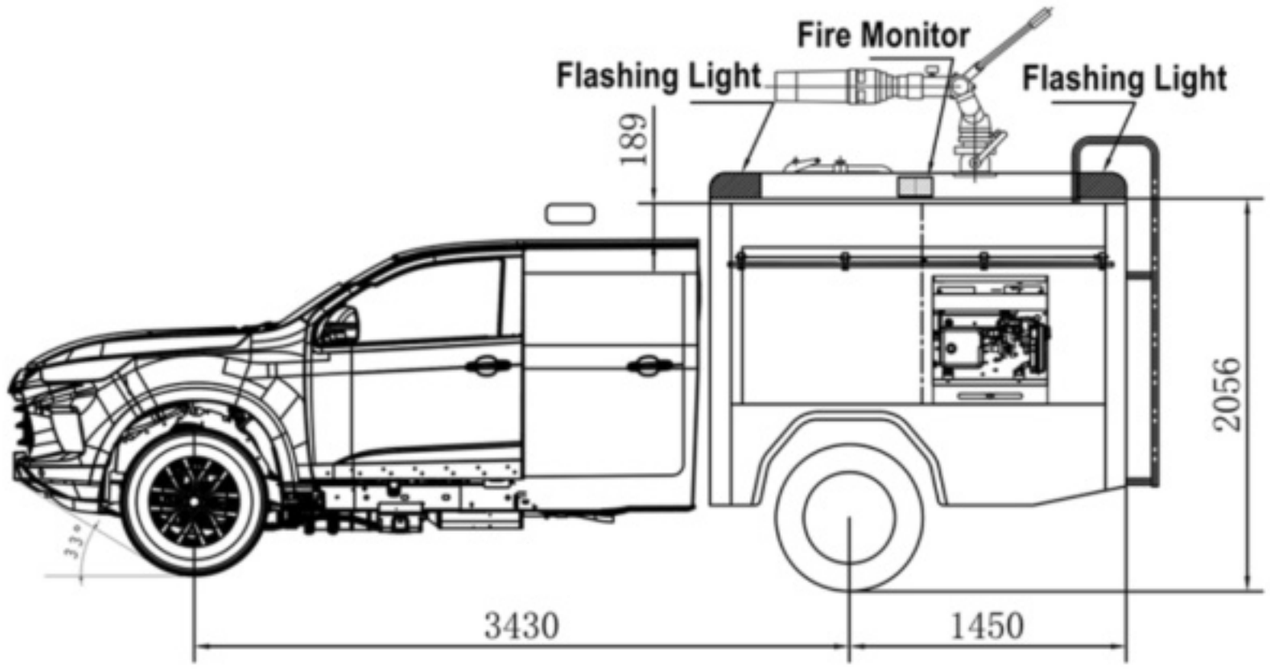




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