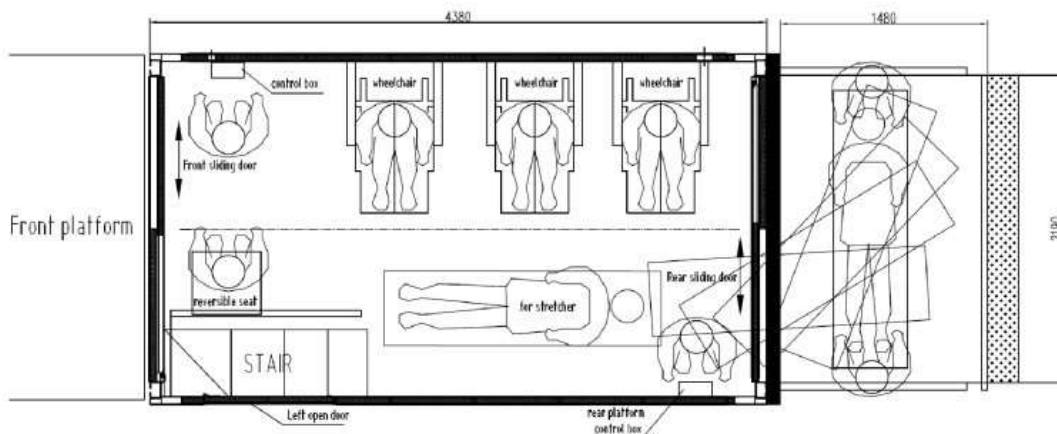




## DISABLED PASSENGER TRANSPORTER CT5080JCR (ISUZU NKR)

### VAN BODY ASSEMBLY

1. The van body adopts the special heat-preservation material, and two glass windows are installed on both sides. The inside/outside surface of the van body is the white glass fiber compound plate; the floor is paved on the skid-resistant floor glue, which is easy to clean; there is the left/right sliding door installed in the front/rear of the van body. The LED lamp and AC10 Air conditioner are installed in the van body. There are three fixed wheelchair locating devices and one foldable seat installed in the van body, and one stretcher can be accepted at the same time.



### SCISSORS ASSEMBLY

The lifting frame is welded by one double scissors structure and high-strength rectangular pipe as the cross beam. The double hydraulic cylinder drive the lifting frame to lift the van body.

### HYDRAULIC SYSTEM ASSEMBLY

1. The hydraulic system consist of the oil tank, gear oil pump, emergency electric pump, manual pump, ectromagnetic relief valve, reversing solenoid valve, check valve, hydraulic lock, lift hydraulic cylinder, stabilizer hydraulic cylinder, telescopic platform hydraulic cylinder, etc.
2. When the hydraulic system is in normal operation, the electric system control the direction of the solenoid valve and all the hydraulic cylinders. When the hydraulic pump cannot work, the emergency electric pump can replace the main hydraulic pump to control the hydraulic movement. When the eclectic system is on failure, the hand pump can control the lifting of the van body and the retracting of the stabilizers.
3. In the hydraulic system, there is the throttle installed in each oil circuit of each movement to adjust the speed of this movement. The oil circuit speed has been settled by the manufacturer, please do not adjust it randomly if it is running well. If there is unusual vibration, please adjust the oil circuit speed to the normal situation. To turn the throttle clockwise, the flow is smaller; to turn the throttle counterclockwise, the flow is bigger.



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### ELECTRIC SYSTEM

The electric control system consist of the operational box, operational panel, control switch, relay, replay box, position check switch, warning lamp, illuminating lamp, outline marker lamp, etc. The whole control system is controlled by the relay, which is easy to maintain.

The Voltage is 12V DC.

### SAFETY AND WARNING SYSTEM

- When the stabilizer is not in the position or the rear platform is not retracted completely, or the van body is not the lowest position, then the van body cannot lift.
- When the van body is not in the lowest position, the stabilizer cannot be retracted and the rear platform cannot move.
- When the front platform is not retracted completely, the van body cannot move down.
- When the anti-collision switch of the front platform is touched, the platform cannot move forward.
- When the stabilizer is not retracted completely, or the van body is not in the lowest position, or the rear platform is not retracted completely, then the truck cannot move.
- In the emergency operation, turn the "relieve protection switch" to the "ON" position, then all the hydraulic movement protection will be cancelled.

### PAINTING:

- White color
- LOGO and Painting according to requirement

### OPTIONS:

- Alternate chassis, engine and transmission
- Additional paint colors
- Wheelchair
- stretcher
- Custom placards
- Air conditioned
- Front and/or rear tow hooks

### SHIPPING DOCUMENTS:

- Quality Certificate Sheet for both ISUZU truck and complete Ambulift
- ISUZU Chassis manual
- Operation and Maintenance Manual
- Spare Parts book
- Warranty certificate