

## 4 ) Application Method

### Jack Function:

- Stop the car, tension the car brake.
- Check the switch whether it is to the close position, it should be to "O" state, if no, please do it so first, then connect the power plug into the car cigarette lighter.
- Put the jack in the side of car tyre, and ensure the centre of Pressure Rod to align the loading part of automobile chassis, then rotate the adjusting screw to make it close to the automobile chassis as far as possible.
- Adjust the function switch to "Lift", the direction switch to "Up", then the jack will start to work, till the distance between the car tyre and the floor is about 5cm, reset the power switch, while the power is disconnected, the machine would lock automatically and wouldn't fall.
- After changing the tyre, adjust the direction switch to "Down", the jack would start to fall in constant speed.
- Finish all, please collect the cables and tools in the line winding box.

### Inflation Function:

- Prepare for the equipment well, pull out the air hose and choose the suitable inflatable head to connect, then turn on the power.
- Adjust the function switch to "Inflation", then it would start to inflate, please check the change of the pressure gauge.
- If finishing, please close the power first, then pull out the inflatable head to collect in the tool box. Later also pull out the plug from the cigarette lighter, then collect the cables into the tool box.

## 5 ) Specification

### a. For Jack:

Input Voltage	DC 12V
Rated Power	180 W
Rated Current	15 A
Fuse	15 A
Length of Power Cable	4 m
Max Loding car weight	5 T
Normal	135-360mm
Higher	155-450mm
Extra Higher	155-450mm/235-530mm
Working Temperature	-15-50 °C
Jack Size	34.5*16.5*15.5cm
Weight	Normal:4.8KG Higher: 5KG Extra Higher: 5.8KG

### b. For Inflator Pump:

Input Voltage	DC12V
Inflating Speed	35L/min
Working Current	10A
Pressure	10BAR/150PSI
Length of Air Hose	600mm
Cylinder Diameter	25mm

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## 6 ) Fault Diagnosis

### 1. Jack couldn't work

- Check whether turning on the auto power.
- Inspect whether the function switch is adjusted to the relevant function position.
- The pilot lamp for the cigarette lighter plug is lighted or not, if not, please re-connect the plug; if re-connecting it, still no lighting, please check whether the inside fuse of the cigarette lighter plug is destroyed.
- Whether the plug for the power cable of jack is loosen with the jack or falling off.

The socket is no electric or loosen, or check the cable, please connect the power correctly; If the power switch is in the position of "ON", pls adjust the switch to "OFF" (See Diagram Three); Check the plug of cigarette lighter, whether the fuse is destroyed, if it is destroyed, pls replace it, then try again.

### 2. Not Inflating

- Check whether starting the inflator pump.
- Whether the gas nozzle of air hose is rightly connected with tyre gas nozzle.
- Inspect the air hose whether leaking air because of being destroyed in emergency.

### 3. The pressure rod couldn't be risen

- Confirm whether starting the motor.
- Whether the function switch is adjusted to the JACK function position, and also check the direction switch for "Up" / "Down".
- Check whether the lowest temperature is within the range of suitable temperature for this product, if not, please preheating the jack first, making the hydraulic oil thaw, then using it.
- Not using for long time maybe cause the oil is not smooth, please first press "Down" switch for starting one minute, then press "Up" switch.

### 4. The pressure rod couldn't be fallen

- Confirm whether starting the motor.
- Whether the function switch is adjusted to the JACK function position, and also check the direction switch for "Up" / "Down".
- Not using for long time maybe cause the oil is not smooth, please first press "Up" switch for starting five seconds, then press "Down" switch.

Remove the head of safety valve(See Diagram Two, point 4), loose the safety valve with six-angle spanner( rotate about half circle by anticlockwise), till the pressure rod falls to the prior position, then tightening it.

# MULTI-FUNCTIONAL ELECTRIC HYDRAULIC FLOOR JACK instruction manual



Please study the manual carefully before use operation.

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## Safety Warning



- Please read this manual carefully before using.
- The material of the cover is plastic, which is easy to break, please handle it with care when using. Then if carrying it, please with the handle, NOT lifting the pressure rod.
- Do not overhaul the machine to avoid destroying the machine and lose the right of Guarantee.
- Do not work for long time, when not using, please cut off the power.
- Avoid the machine dropping into the water and using in the bad condition.
- Check the power to match well with 12V Car Cigarette Lighter before using.
- Take notice of the smooth floor and loading capacity when using, also pay attention to finding the exact loading position of the car before the operation of lifting.
- Do not overload when using the machine, make sure to keep upright with the lifting car at the same time, never operate it aslant.
- Do not pull the power cable casually when using, avoid the cable broken or short circuit.
- Make sure the car park in one side and close the engine before using.
- In the process of using the machine, ensure the operator stay with it all time, in case the operator have to leave for a short while, please shut off the machine first.
- The machine adopts the power of precise hydraulic oil, please keep the adequate ventilation, avoid doing it in the environment of high temperature and rather low temperature, while the suitable temperature should be from -15°C to 50°C.

## 1) Advantages

The machine is with the fashion and beautiful design, and adopts the advanced electric machinery technology. It is low noise, quick speeding, stable lifting performance and so on.

Considering the safety, the machine designs self-locking power structure and overloading protection device specially. That is to say: when the power has been disconnected, the lifted jack will not fall, only re-connecting the power, the jack will go on working, or using the safety knob to fall the car, which will protect the operator's personal safety effectively.

In order to strengthen the practicability, the machine is added the function of Tire Inflator Pump. So the machine combines two functions: Car Jack and Tire Inflator Pump

The machine is widely used for Family Car, Go-anywhere Vehicle, Multi-Purpose Vehicle.

## 2) Packing List

- Portable Multifunctional Electric Jack One Piece
- Instruction Manual One Piece
- Mini tool bag: The inflating needle, one of American-type Inflatable head, one of British-type Inflatable head, one of fuse for cigarette lighter, one of six-angle spanner

## 3) Introductio



Diagram One:

NO.	NAME	FUNCTION DESCRIPTION
1	Pressure Rod	The rod is for lifting
2	Handle	If moving the jack, pls hold here
3	Baseplate	Make the loading stable
4	Rubber Foot	Shockproof and Anti-skidding
5	Line Winding Box	The box is used for collecting the lines

Diagram Two:

NO.	NAME	FUNCTION DESCRIPTION
1	Switches	Pls check Diagram Three
2	Tool Box	Put the tools and collect the air hose here
3	Pressure Gauge	Show the pressure
4	Safety Valve	Unlock the pressure rod in emergency
5	Protective Pad	Lift the protective pad
6	Adjusting Screw	Adjust the distance of the pressure rod and automobile chassis

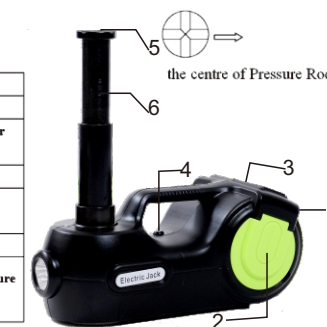
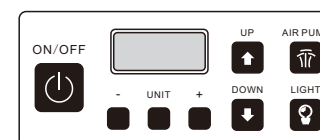


Diagram Three:

NO	NAME	FUNATION DESCRIPTION
1	ON/OFF	Power switch
2	UP	Up Button
3	DOWN	DOWN BUTTON
4	Air pump	Air pump Button
5	-	Decrease Button
6	UNIT	Change unit button
7	+	Increase button
8	Light	LED light button



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