2.On-board usage: Firstly, find the location of the battery position of the car, confirm the positive and negative poles of the battery, and make sure that the compressor is switched off and release the bleed valve. Clip the red clamps to the positive pole or screw, the black clamps to the negative pole or screw, then start the car. Pull out test plug and keep it in place. (The test plug is the very important component to check and analysis the compressor fault) .Connect the quick connector and check the fitness between the quick connector and the male head (The leakage caused by the unmatched quick connector is the main reason that most of the quick connector cannot be pumped, which can be usually detected with soap water). Toggle the switch to start the compressor, check whether the two cooling fans are working normally. Tighten the bleed valve and start filling after making sure everything is normal. Please note that the operator should not be too close to the inflatable container during air pumping. Please keep a safe distance. Closely observe the indicated pressure of the gauge. The highest design pressure value of the compressor is 310BARS. When the gauge reaches the required pressure value, please turn off the switch in time! Then open the bleed valve, drain the air and water, and then open the quick connector.

3.Storage: Open the bleed valve, release the moisture, take off the connector with the tank, reassemble the test plug. Take off the clamps on the positive and negative poles in order. Cleaning the surface if the compressor , coil the wire to the panel after the compressor cool down. pls avoid the compressor scratch with the hard objects when it is in the car ;pls avoid to put the compressor in the wet area; place the compressor upright.

4. Household electric appliance: please use our specified voltage converter (Fig.3) which has a slide switch and 110V & 220V indicator on the side, and please push the switch to the right indicator according to the applicable voltage where used(110 or 220V), the voltage converter shall be damaged by error operations. After the voltage confirmed, the compressor power cable to be clipped first, and then the red cable to be connected to positive pole, and black cable to be connected to the negative pole. Please switch on the plug, and start the machine after the indicator light in the voltage converter is on. The operation to be as per the procedure of aforementioned No.2 . When stored, please firstly pull out the plug and then stored as per storage procedure No. 3.

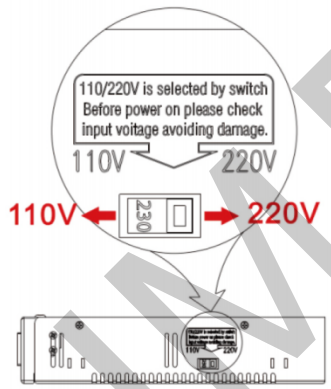


Figure 3



Thank you very much for choosing GX products.

GX will serve you with professional technology and hope you enjoy the using experience.

GX PUMP

GX-E-CS2



User Manual

4500PSI 12V Vehicle Compressor

Technical Details

Spec:GX-E-CS2
Weight: 6.7KGS
Power: 250W
MAX pressure: 4500 PSI
voltage: Capable of run of 110V or220V outlet or car 12V battery
Outside size: 21cmx12.5cmx24cm

motor speed: 2700 r/min
Max current: 25A
air output: 11L/min
Noise level: 77DB
charging time :
0.5L tank, from 200 bars to 300 bars need 5-6 mins.
0.5L tank, from 0 bars to 300 bars need 17 mins.

GX PUMP

WARNING:

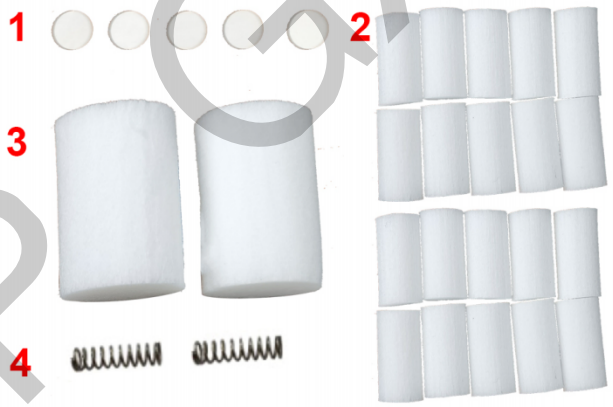
1. The machine does not have automatic stop function, please do not let your eyes away from the machine in use.

2. This machine has a long high-pressure hose and power cord, please properly place after use to avoid damage.

3. After 15 minutes of continuous use, please stop the machine and let it rest for 10 minutes. Keep the fan working for 5 minutes after the machine has finished its work.

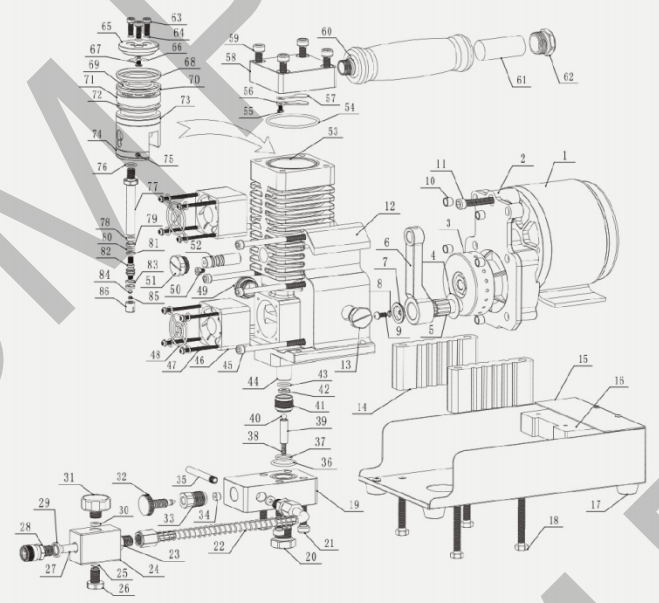
4. Please keep children away from the machine when it is working or powered on. Please strictly follow the instructions when using the machine.

Accessory bag contains:



No.	Name	QTY	No#
1	Burst disc	5	#25
2	Filter Foam	20	#27
3	Filter Foam	2	#61
4	Spring	2	#38

Diagram and spare parts list



Item	Name	Item	Name	Item	Name
1	motor	30	Gasket	59	M6*25 hex screw
2	motor cover	31	Pressure gauge	60	handle
3	crankshaft	32	bleed valve	61	Filter Foam
4	Copper cushion	33	bleeder cap	62	inlet filter
5	centripetal bearing	34	Bleed valve pad	63	M4*12 hex socket screw
6	connecting rod	35	exhaust pipe	64	O Ring 6*1
7	connecting rod retainer ring	36	O ring 22*2	65	piston plate
8	M4 cushion	37	O ring 15*1.5	66	V valve
9	m4*8 round head hex screw	38	Spring	67	M3*4 round head hex screw
10	locating sleeve	39	spring seat	68	First piston ring
11	m6*30 hex socket screw	40	check valve	69	O ring 27*2
12	Machine box	41	check valve seat	70	oil ring
13	oil plugging	42	check valve pad	71	first piston
14	damping pad	43	O ring 12*1.5	72	O ring 35*2
15	bottom Shell	44	High pressure pipe	73	Guide Ring
16	switch	45	M5*70 hex screw	74	Guide belt
17	foot	46	cooling fan	75	m2*6 countersunk head screw
18	m6*50 hex screw	47	M3*35 screw	76	O ring 10* 1.5
19	High pressure cylinder cover	48	fan mesh	77	High pressure rod
20	check valve nut	49	Oil window	78	high pressure piston mat
21	m6* 30 hex Socket Screw	50	M4* 4 Low head screw	79	high pressure piston ring
22	High-pressure hose	51	oil plugging	80	O ring 8*1.6
23	Connection Connector	52	connecting rod pin	81	high pressure piston ring
24	adapter Seat	53	First cylinder liner	82	high pressure piston
25	burst disc	54	O ring 46*2	83	high pressure piston open loop
26	explosion-proof nut	55	M3*6 round head hex screw	84	high pressure valve core
27	filter foam	56	Check valve catch	85	spring
28	Quick connector	57	disc	86	high pressure piston cap
29	Composite Washer	58	first level cylinder cover		

Directions for Use

Open the package ,read the manual carefully, check the parts list (see sheet 1), if anything missing pls contact with the sales.

1. Testing compressor : A number of tests has be done before packing , the quick connector and plug have been assembled, the user only needs to turn on the power, dial the start switch (see Figure 1). (Note: when use the car battery loading , must connect the positive pole to the red wire and the negative pole to the black wire!) After turn on the compressor, listen whether there have any abnormal sounds(such as; Friction sounds, uneven movement sounds, leakage sounds) at first, and then check the parts for loose fasteners. Tighten the bleed valve(see Figure 2) and observe the speed of the pressure gauge pointer. From 0 to 300 bars, it should be about 20 seconds(using the test plug state).



Figure 1

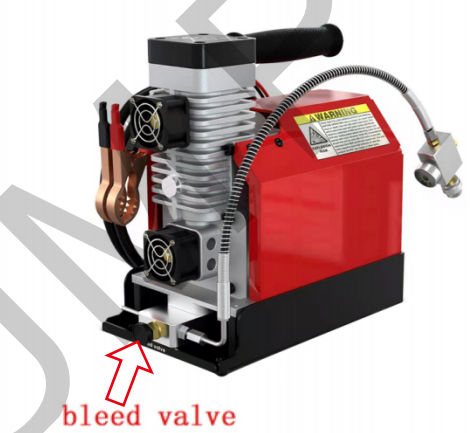


Figure 2

Attention

⚠ For your safety, the machine is equipped with explosion-proof film device. If the pressure is too high, the explosion-proof membrane may burst. To replace the explosion-proof film, remove the hexagonal screw (#26) and remove the damaged explosion-proof film inside. Then, a piece of the explosion-proof membrane was removed from the accessory bag and replaced. Finally, reinstall #26 hex screw.

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