

# **VEVOR<sup>®</sup>**

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### **ELECTRIC HYDRAULIC JACK (KITS)**

**MODEL: ZSY02-X+ZSB05**

**(NOTE: KITS CONTAINING MODELS ZSY02-X AND ZSB05)**

We continue to be committed to provide you tools with competitive price.

"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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TOUGH TOOLS, HALF PRICE

## ELECTRIC HYDRAULIC JACK (KITS)

**MODEL: ZSY02-X+ZSB05**

**(NOTE: KITS CONTAINING MODELS ZSY02-X AND ZSB05)**



### NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

**Technical Support and E-Warranty Certificate**  
**[www.vevor.com/support](http://www.vevor.com/support)**

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

## Electric Hydraulic Jack (ZSY02-X)

### Safety Warning



1. Please read this manual carefully before using.
2. 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.
3. Do not overhaul the machine to avoid destroying the machine and lose the right of Guarantee.
4. Do not work for long time, when not using, please cut off the power.
5. Avoid the machine dropping into the water and using in the bad condition.
6. Check the power to match well with 12V Car Cigarette Lighter before using.
7. 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.
8. Do not overload when using the machine, make sure to keep upright with the lifting car at the same time, never operate it aslant.
9. Do not pull the power cable casually when using, avoid the cable broken or short circuit.
10. Make sure the car park in one side and close the engine before using.
11. 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.
12. 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  $-15^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ .
13. It can only be used for car maintenance, not for other purposes.

**CAUTION: The maximum loading car weight is 5T model !**

## 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

1. Portable Multifunctional Electric Jack One Piece
2. Instruction Manual One Piece
3. 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

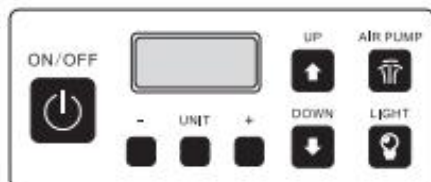


**Diagram One:**

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	FUNCTION DESCRIPTION
1	Direction Switch	Up/Close/Down
2	Function Switch	Inflation/Close/Lift
3	U	Up
4	D	Down
5	Air Bag	Inflation
6	Jack	Lift
7	O	Close
8	—	The lamp

## 4 ) Application Method

### Jack Function:

- (1) Stop the car, tension the car brake.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) After changing the tyre, adjust the direction switch to “Down” , the jack would start to fall in constant speed.
- (6) Finish all, please collect the cables and tools in the line winding box.

### Inflation Function:

- (1) Prepare for the equipment well, pull out the air hose and choose the suitable inflatable head to connect, then turn on the power.
- (2) Adjust the function switch to “Inflation” , then it would start to inflate, please check the change of the pressure gauge.
- (3) 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	DC12V
Rated Power	180W
Rated Current	15A
Fuse	15A
Length of Power Cable	4m
Max Loading car weight	5T
Lifting Range	155-450mm
Working Temperature	-15~50℃
Jack Size	31*15.5*15cm
Weight	4.8kg

### **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

## 6) Fault Diagnosis

### 1. Jack couldn't work

- a). Check whether turning on the auto power.
- b). Inspect whether the function switch is adjusted to the relevant function position.
- c). 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.
- d). 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 "O", pls adjust the switch to "I" (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

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

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

- a). Confirm whether starting the motor.
- b). Whether the function switch is adjusted to the JACK function position, and also check the direction switch for "Up" / "Down".
- c). 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.
- d). 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

- a). Confirm whether starting the motor.
- b). Whether the function switch is adjusted to the JACK function position, and also check the direction switch for "Up" / "Down".
- c). 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.

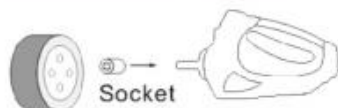
Remove the head of safety valve(See Diagram Two, point 4), loose the safety valve with six-angle spanner( rotate about half circle by anticlockwise), till the pressure rod falls to the prior position, then tightening it.

## Electric Wrench (ZSB05)

### Operation

1. Turn on the power of the car.
2. Plug into cigarette lighter or connect with the car's battery.
3. Choose the proper socket to the wrench's shaft. (FIG.1)
4. According to thread direction, press switch for tightening or loosening. (Do the reverse for L. T. screw) (FIG.2)
5. Press left side of the switch (with mark II) to start operation, and each nut will be loosened after two or three times of "clatter" sound.  
NB: If the wrench pins with out impacting. Please start engine for maximum voltage.
6. Press right side of switch (with mark) to tighten nuts, it will be tight enough after two or three times of "clatter" sound.

### OPERATION CHART



Choose and apply  
the correct socket to  
the wrench head  
(FIG.1)



Apply the wrench to wheel Nut and Press the  
Upper side of the switch (with mark "-") to  
start .Nut will be loosened in 3 seconds .  
(FIG.2)

### HOW TO REPLACE THE FUSE IN THE 12V PLUG

1. To replace the fuse in the plug, twist off the upper cover.
2. Remove the faulty fuse and insert a new one.
3. Twist the cover back on the plug. A spare fuse is enclosed in the case.



## **Caution**

1. This tool can only be applied to DC12v Power.
2. Do not use the tool continuously more than 10 minutes.
3. Do not touch the shaft head with hand during operation.
4. When using the clips to car's battery, please make sure to connect clips to correct terminals of the battery. Red to positive and black to negative.
5. Do not use sockets not included in this kit.
6. New fuse's rated current should be or less than 12A.
7. Turn off the switch 3-5 seconds after the "clatter" sound is heard, the continue the operation.
8. The manufacturer recommends checking the tightness of the wheel nuts with a wheel brace after tightening with the impact wrench. The impact wrench is only for emergency use. Use a professional torque wrench to recheck the correct torque as soon as possible.
9. The manufacturer takes no responsibility for incorrect usage of this product and the impact wrench are only designed to loosen and tighten car wheel nuts'.

## **Troubleshooting**

### **DANGER - Risk of fatal electric shocks.**

Only have repairs to the tool or the power cord carried out by a professional experience technician.

#### **1. Impact wrench will not start.**

Is the car battery dead?

Is the cigarette lighter faulty?

Is the fuse in the impact wrench faulty?

#### **2. Wheel nut cannot be unscrewed or tightened.**

Has the correct rotational direction been selected?





Input Voltage	DC12V
Power	80W
Rated Current	13A
Max.Current	15A
Max.Torque	420N.M

### Package contents

No.	Name	Quantity
1	Electric hydraulic jack	1
2	Electric wrench	1
3	Safety rescue hammer	1
4	Power line (4m)	1
5	Battery clip	1
6	Glove	1
7	Fuse wire	2
8	Socket	2
9	Six-angle spanner	1
10	Air filling nozzle	3
11	Rubber pad	2
12	Floodlight	1
13	Carrying case	1
14	User manual	1



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## CRIC ÉLECTRIQUE HYDRAULIQUE (KITS)

MODÈLE : ZSY02-X+ZSB05

(REMARQUE : KITS CONTENANT LES MODÈLES ZSY02-X ET ZSB05)

Nous continuons à nous engager à vous fournir des outils à des prix compétitifs.

« Économisez la moitié », « Moitié prix » ou toute autre expression similaire utilisée par nous ne représente qu'une estimation des économies que vous pourriez réaliser en achetant certains outils chez nous par rapport aux grandes marques et ne couvre pas nécessairement toutes les catégories d'outils que nous proposons.

Nous vous rappelons de bien vouloir vérifier soigneusement lorsque vous passez une commande chez nous si vous économisez réellement la moitié par rapport aux grandes marques.

**VEVOR**®  
**TOUGH TOOLS, HALF PRICE**

CRIC ÉLECTRIQUE HYDRAULIQUE  
(Trousse)

MODÈLE : ZSY02-X+ZSB05

(REMARQUE : KITS CONTENANT LES MODÈLES ZSY02-X ET ZSB05)



**BESOIN D'AIDE? CONTACTEZ-NOUS!**

Vous avez des questions sur nos produits ? Vous avez besoin d'assistance technique ?  
N'hésitez pas

à nous contacter : Assistance technique et certificat de garantie  
électronique [www.vevor.com/support](http://www.vevor.com/support)

Il s'agit de la notice d'utilisation d'origine. Veuillez lire attentivement toutes les instructions du manuel avant de l'utiliser. VEVOR se réserve le droit d'interpréter clairement notre manuel d'utilisation. L'apparence du produit dépend du produit que vous avez reçu. Veuillez nous excuser, nous ne vous informerons plus en cas de mise à jour technologique ou logicielle de notre produit.

## Cric hydraulique électrique (ZSY02-X)

### Safety Warning



1. Please read this manual carefully before using.
2. 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.
3. Do not overhaul the machine to avoid destroying the machine and lose the right of Guarantee.
4. Do not work for long time, when not using, please cut off the power.
5. Avoid the machine dropping into the water and using in the bad condition.
6. Check the power to match well with 12V Car Cigarette Lighter before using.
7. 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.
8. Do not overload when using the machine, make sure to keep upright with the lifting car at the same time, never operate it aslant.
9. Do not pull the power cable casually when using, avoid the cable broken or short circuit.
10. Make sure the car park in one side and close the engine before using.
11. 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.
12. 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.
13. It can only be used for car maintenance, not for other purposes.

**CAUTION: The maximum loading car weight is 5T model !**

## 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.

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

## 2) Packing List

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2. Instruction Manual One Piece
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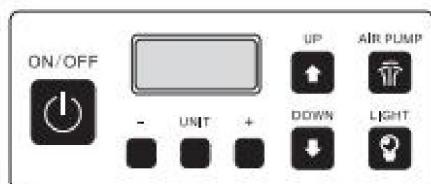
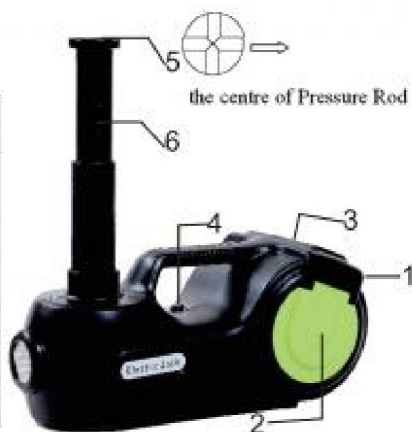


**Diagram One:**

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	FUNCTION DESCRIPTION
1	Direction Switch	Up/Close/Down
2	Function Switch	Inflation/Close/Lift
3	U	Up
4	D	Down
5	Air Bag	Inflation
6	Jack	Lift
7	O	Close
8	—	The lamp

## 4 ) Application Method

### Jack Function:

- (1) Stop the car, tension the car brake.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) After changing the tyre, adjust the direction switch to "Down", the jack would start to fall in constant speed.
- (6) Finish all, please collect the cables and tools in the line winding box.

### Inflation Function:

- (1) Prepare for the equipment well, pull out the air hose and choose the suitable inflatable head to connect, then turn on the power.
- (2) Adjust the function switch to "Inflation", then it would start to inflate, please check the change of the pressure gauge.
- (3) 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	DC12V
Rated Power	180W
Rated Current	15A
Fuse	15A
Length of Power Cable	4m
Max Loading car weight	5T
Lifting Range	155-450mm
Working Temperature	-15~50℃
Jack Size	31*15.5*15cm
Weight	4.8kg

### **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

## 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 "O", pls adjust the switch to "I" (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.

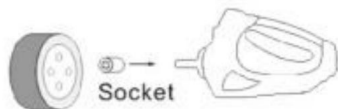
Remove the head of safety valve(See Diagram Two, point 4), loose the safety valve with six-angle spanner( rotate about half circle by anticlockwise), till the pressure rod falls to the prior position, then tightening it.

## Clé électrique (ZSB05)

### Operation

1. Turn on the power of the car.
2. Plug into cigarette lighter or connect with the car's battery.
3. Choose the proper socket to the wrench's shaft. (FIG.1)
4. According to thread direction, press switch for tightening or loosening. (Do the reverse for L. T. screw) (FIG.2)
5. Press left side of the switch (with mark II) to start operation, and each nut will be loosened after two or three times of "clatter" sound.  
NB: If the wrench pins with out impacting. Please start engine for maximum voltage.
6. Press right side of switch (with mark) to tighten nuts, it will be tight enough after two or three times of "clatter" sound.

### OPERATION CHART



Choose and apply  
the correct socket to  
the wrench head  
(FIG.1)



Apply the wrench to wheel Nut and Press the  
Upper side of the switch (with mark "-") to  
start .Nut will be loosened in 3 seconds .  
(FIG.2)

### HOW TO REPLACE THE FUSE IN THE 12V PLUG

1. To replace the fuse in the plug, twist off the upper cover.
2. Remove the faulty fuse and insert a new one.
3. Twist the cover back on the plug. A spare fuse is enclosed in the case.



## **Caution**

1. This tool can only be applied to DC12v Power.
2. Do not use the tool continuously more than 10 minutes.
3. Do not touch the shaft head with hand during operation.
4. When using the clips to car's battery, please make sure to connect clips to correct terminals of the battery. Red to positive and black to negative.
5. Do not use sockets not included in this kit.
6. New fuse's rated current should be or less than 12A.
7. Turn off the switch 3-5 seconds after the "clatter" sound is heard, the continue the operation.
8. The manufacturer recommends checking the tightness of the wheel nuts with a wheel brace after tightening with the impact wrench. The impact wrench is only for emergency use. Use a professional torque wrench to recheck the correct torque as soon as possible.
9. The manufacturer takes no responsibility for incorrect usage of this product and the impact wrench are only designed to loosen and tighten car wheel nuts'.

## **Troubleshooting**

### **DANGER - Risk of fatal electric shocks.**

Only have repairs to the tool or the power cord carried out by a professional experience technician.

#### **1. Impact wrench will not start.**

Is the car battery dead?

Is the cigarette lighter faulty?

Is the fuse in the impact wrench faulty?

#### **2. Wheel nut cannot be unscrewed or tightened.**

Has the correct rotational direction been selected?



Tension d'entrée	12 V CC
Pouvoir	80W
Courant nominal	13A
Courant max.	15A
Couple max.	420 N.M

### Package contents

Non.	Nom	Quantité
1	Cric hydraulique électrique	1
2	Clé électrique	1
3	Marteau de sauvetage de sécurité	1
4	Ligne électrique (4 m)	1
5	Pince à batterie	1
6	Gant	1
7	Fil fusible	2
8	Douille	2
9	Clé à six angles	1
10	Buse de remplissage d'air	3
11	Tampon en caoutchouc	2
12	Projecteur	1
13	Mallette de transport	1
14	Manuel d'utilisation	1

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Technischer Support und E-Garantie-Zertifikat [www.vevor.com/support](http://www.vevor.com/support)

## **ELEKTRISCHE HYDRAULISCHE WAGENHEBER (KITS)**

### **MODELL: ZSY02-X+ZSB05**

**(HINWEIS: KITS ENTHALTEN DIE MODELLE ZSY02-X UND ZSB05)**

Wir sind weiterhin bestrebt, Ihnen Werkzeuge zu wettbewerbsfähigen Preisen anzubieten.

„Sparen Sie die Hälfte“, „Halber Preis“ oder andere ähnliche Ausdrücke, die wir verwenden, stellen nur eine Schätzung der Ersparnis dar, die Sie beim Kauf bestimmter Werkzeuge bei uns im Vergleich zu den großen Topmarken erzielen können, und decken nicht unbedingt alle von uns angebotenen Werkzeugkategorien ab. Wir möchten Sie freundlich daran erinnern, bei Ihrer Bestellung bei uns sorgfältig zu prüfen, ob Sie im Vergleich zu den großen Topmarken tatsächlich die Hälfte sparen.



**VEVOR**®  
TOUGH TOOLS, HALF PRICE

ELEKTRISCHE HYDRAULISCHE WAGENHEBER  
(KITS)

## MODELL: ZSY02-X+ZSB05

(HINWEIS: KITS ENTHALTEN DIE MODELLE ZSY02-X UND ZSB05)



### Brauchen Sie Hilfe? Kontaktieren Sie uns!

Haben Sie Fragen zum Produkt? Benötigen Sie technischen Support? Bitte kontaktieren Sie uns:

**Technischer Support und E-Garantie-Zertifikat [www.vevor.com/support](http://www.vevor.com/support)**

Dies ist die Originalanleitung. Bitte lesen Sie alle Anweisungen sorgfältig durch, bevor Sie das Gerät in Betrieb nehmen. VEVOR behält sich eine klare Auslegung unserer Bedienungsanleitung vor. Das Erscheinungsbild des Produkts richtet sich nach dem Produkt, das Sie erhalten haben. Bitte verzeihen Sie uns, dass wir Sie nicht erneut informieren, wenn es Technologie- oder Software-Updates für unser Produkt gibt.

## Elektrischer Hydraulikheber (ZSY02-X)

### Safety Warning



1. Please read this manual carefully before using.
2. 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.
3. Do not overhaul the machine to avoid destroying the machine and lose the right of Guarantee.
4. Do not work for long time, when not using, please cut off the power.
5. Avoid the machine dropping into the water and using in the bad condition.
6. Check the power to match well with 12V Car Cigarette Lighter before using.
7. 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.
8. Do not overload when using the machine, make sure to keep upright with the lifting car at the same time, never operate it aslant.
9. Do not pull the power cable casually when using, avoid the cable broken or short circuit.
10. Make sure the car park in one side and close the engine before using.
11. 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.
12. 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.
13. It can only be used for car maintenance, not for other purposes.

**CAUTION: The maximum loading car weight is 5T model !**

## 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

1. Portable Multifunctional Electric Jack One Piece
2. Instruction Manual One Piece
3. 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

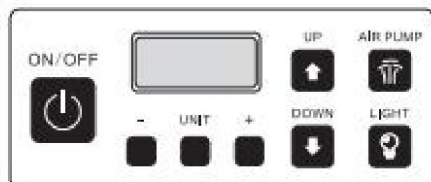
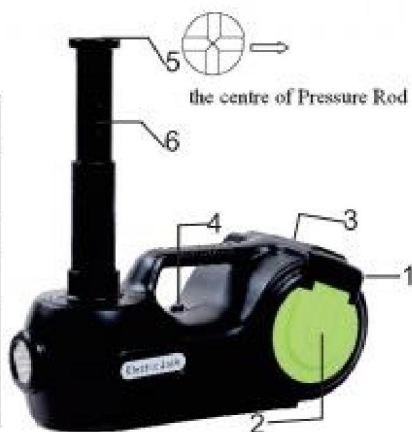


**Diagram One:**

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	FUNCTION DESCRIPTION
1	Direction Switch	Up/Close/Down
2	Function Switch	Inflation/Close/Lift
3	U	Up
4	D	Down
5	Air Bag	Inflation
6	Jack	Lift
7	O	Close
8	—	The lamp

## 4 ) Application Method

### Jack Function:

- (1) Stop the car, tension the car brake.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) After changing the tyre, adjust the direction switch to "Down" , the jack would start to fall in constant speed.
- (6) Finish all, please collect the cables and tools in the line winding box.

### Inflation Function:

- (1) Prepare for the equipment well, pull out the air hose and choose the suitable inflatable head to connect, then turn on the power.
- (2) Adjust the function switch to "Inflation" , then it would start to inflate, please check the change of the pressure gauge.
- (3) 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	DC12V
Rated Power	180W
Rated Current	15A
Fuse	15A
Length of Power Cable	4m
Max Loading car weight	5T
Lifting Range	155-450mm
Working Temperature	-15~50℃
Jack Size	31*15.5*15cm
Weight	4.8kg

### 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



## 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 "O", pls adjust the switch to "I" (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.

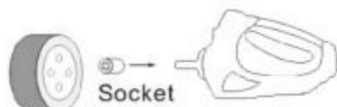


## Elektrischer Schraubenschlüssel (ZSB05)

### Operation

1. Turn on the power of the car.
2. Plug into cigarette lighter or connect with the car's battery.
3. Choose the proper socket to the wrench's shaft. (FIG.1)
4. According to thread direction, press switch for tightening or loosening. (Do the reverse for L. T. screw) (FIG.2)
5. Press left side of the switch (with mark II) to start operation, and each nut will be loosened after two or three times of "clatter" sound.  
NB: If the wrench pins with out impacting. Please start engine for maximum voltage.
6. Press right side of switch (with mark) to tighten nuts, it will be tight enough after two or three times of "clatter" sound.

### OPERATION CHART



Choose and apply  
the correct socket to  
the wrench head  
(FIG.1)



Apply the wrench to wheel Nut and Press the  
Upper side of the switch (with mark "-") to  
start .Nut will be loosened in 3 seconds .  
(FIG.2)

### HOW TO REPLACE THE FUSE IN THE 12V PLUG

1. To replace the fuse in the plug, twist off the upper cover.
2. Remove the faulty fuse and insert a new one.
3. Twist the cover back on the plug. A spare fuse is enclosed in the case.



## **Caution**

1. This tool can only be applied to DC12v Power.
2. Do not use the tool continuously more than 10 minutes.
3. Do not touch the shaft head with hand during operation.
4. When using the clips to car's battery, please make sure to connect clips to correct terminals of the battery. Red to positive and black to negative.
5. Do not use sockets not included in this kit.
6. New fuse's rated current should be or less than 12A.
7. Turn off the switch 3-5 seconds after the "clatter" sound is heard, the continue the operation.
8. The manufacturer recommends checking the tightness of the wheel nuts with a wheel brace after tightening with the impact wrench. The impact wrench is only for emergency use. Use a professional torque wrench to recheck the correct torque as soon as possible.
9. The manufacturer takes no responsibility for incorrect usage of this product and the impact wrench are only designed to loosen and tighten car wheel nuts'.

## **Troubleshooting**

### **DANGER - Risk of fatal electric shocks.**

Only have repairs to the tool or the power cord carried out by a professional experience technician.

#### **1. Impact wrench will not start.**

Is the car battery dead?

Is the cigarette lighter faulty?

Is the fuse in the impact wrench faulty?

#### **2. Wheel nut cannot be unscrewed or tightened.**

Has the correct rotational direction been selected?



Eingangsspannung	Gleichstrom 12 V
Leistung	80W
Nennstrom	13A
Max.Strom	15A
Max. Drehmoment	420N.M

### Package contents

NEIN.	Name	Menge
1	Elektrischer Hydraulikheber	1
2	Elektrischer Schraubenschlüssel	1
3	Sicherheits-Rettungshammer	1
4	Stromleitung (4 m)	1
5	Batterieclip	1
6	Handschuh	1
7	Sicherungsdraht	2
8	Buchse	2
9	Sechskantschlüssel	1
10	Luftfülldüse	3
11	Gummiunterlage	2
12	Scheinwerfer	1
13	Tragetasche	1
14	Benutzerhandbuch	1

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Supporto tecnico e certificato di garanzia elettronica [www.vevor.com/support](http://www.vevor.com/support)

## **CRIC ELETTRICO IDRAULICO (KIT)**

**MODELLO: ZSY02-X+ZSB05**

**(NOTA: KIT CONTENENTI I MODELLI ZSY02-X E ZSB05)**

Continuiamo a impegnarci per fornirvi strumenti a prezzi competitivi.

"Risparmia la metà", "Metà prezzo" o qualsiasi altra espressione simile da noi utilizzata rappresenta solo una stima del risparmio che potresti ottenere acquistando determinati utensili con noi rispetto ai principali marchi principali e non significa necessariamente coprire tutte le categorie di utensili da noi offerti. Ti ricordiamo gentilmente di verificare attentamente quando effettui un ordine con noi se stai effettivamente risparmiando la metà rispetto ai principali marchi principali.

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**CRIC ELETTRICO IDRAULICO  
(KIT)**

**MODELLO: ZSY02-X+ZSB05**

**(NOTA: KIT CONTENENTI I MODELLI ZSY02-X E ZSB05)**



**HAI BISOGNO DI AIUTO? CONTATTACI!**

Hai domande sul prodotto? Hai bisogno di supporto tecnico? Non esitare a contattarci:

**Supporto**

**tecnico e certificato di garanzia elettronica [www.vevor.com/  
support](http://www.vevor.com/support)**

Questa è l'istruzione originale, si prega di leggere attentamente tutte le istruzioni del manuale prima di utilizzare. VEVOR si riserva una chiara interpretazione del nostro manuale utente. L'aspetto del prodotto sarà soggetto al prodotto ricevuto. Vi preghiamo di perdonarci se non vi informeremo di nuovo se ci sono aggiornamenti tecnologici o software sul nostro prodotto.

## Martinetto idraulico elettrico (ZSY02-X)

### Safety Warning



1. Please read this manual carefully before using.
2. 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.
3. Do not overhaul the machine to avoid destroying the machine and lose the right of Guarantee.
4. Do not work for long time, when not using, please cut off the power.
5. Avoid the machine dropping into the water and using in the bad condition.
6. Check the power to match well with 12V Car Cigarette Lighter before using.
7. 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.
8. Do not overload when using the machine, make sure to keep upright with the lifting car at the same time, never operate it aslant.
9. Do not pull the power cable casually when using, avoid the cable broken or short circuit.
10. Make sure the car park in one side and close the engine before using.
11. 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.
12. 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.
13. It can only be used for car maintenance, not for other purposes.

**CAUTION: The maximum loading car weight is 5T model !**



## 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

1. Portable Multifunctional Electric Jack One Piece
2. Instruction Manual One Piece
3. 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

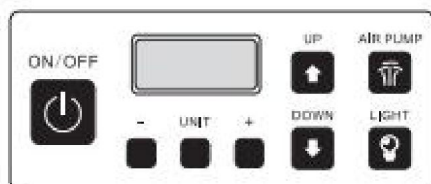
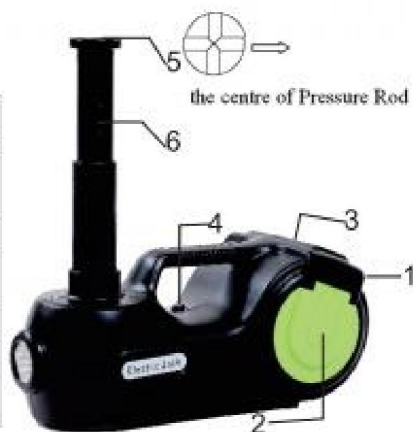


**Diagram One:**

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	FUNCTION DESCRIPTION
1	Direction Switch	Up/Close/Down
2	Function Switch	Inflation/Close/Lift
3	U	Up
4	D	Down
5	Air Bag	Inflation
6	Jack	Lift
7	O	Close
8	—	The lamp

## 4 ) Application Method

### Jack Function:

- (1) Stop the car, tension the car brake.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) After changing the tyre, adjust the direction switch to "Down" , the jack would start to fall in constant speed.
- (6) Finish all, please collect the cables and tools in the line winding box.

### Inflation Function:

- (1) Prepare for the equipment well, pull out the air hose and choose the suitable inflatable head to connect, then turn on the power.
- (2) Adjust the function switch to "Inflation" , then it would start to inflate, please check the change of the pressure gauge.
- (3) 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	DC12V
Rated Power	180W
Rated Current	15A
Fuse	15A
Length of Power Cable	4m
Max Loading car weight	5T
Lifting Range	155-450mm
Working Temperature	-15~50℃
Jack Size	31*15.5*15cm
Weight	4.8kg

### **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

## 6) Fault Diagnosis

### 1. Jack couldn't work

- a). Check whether turning on the auto power.
- b). Inspect whether the function switch is adjusted to the relevant function position.
- c). 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.
- d). 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 "O", pls adjust the switch to "I" (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

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

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

- a). Confirm whether starting the motor.
- b). Whether the function switch is adjusted to the JACK function position, and also check the direction switch for "Up" / "Down".
- c). 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.
- d). 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

- a). Confirm whether starting the motor.
- b). Whether the function switch is adjusted to the JACK function position, and also check the direction switch for "Up" / "Down".
- c). 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.

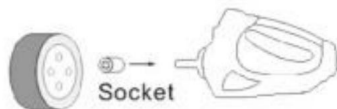
Remove the head of safety valve(See Diagram Two, point 4), loose the safety valve with six-angle spanner( rotate about half circle by anticlockwise), till the pressure rod falls to the prior position, then tightening it.

## Chiave elettrica (ZSB05)

### Operation

1. Turn on the power of the car.
2. Plug into cigarette lighter or connect with the car's battery.
3. Choose the proper socket to the wrench's shaft. (FIG.1)
4. According to thread direction, press switch for tightening or loosening. (Do the reverse for L. T. screw) (FIG.2)
5. Press left side of the switch (with mark II) to start operation, and each nut will be loosened after two or three times of "clatter" sound.  
NB: If the wrench pins with out impacting. Please start engine for maximum voltage.
6. Press right side of switch (with mark) to tighten nuts, it will be tight enough after two or three times of "clatter" sound.

### OPERATION CHART



Choose and apply  
the correct socket to  
the wrench head  
(FIG.1)



Apply the wrench to wheel Nut and Press the  
Upper side of the switch (with mark '-') to  
start .Nut will be loosened in 3 seconds .  
(FIG.2)

### HOW TO REPLACE THE FUSE IN THE 12V PLUG

1. To replace the fuse in the plug, twist off the upper cover.
2. Remove the faulty fuse and insert a new one.
3. Twist the cover back on the plug. A spare fuse is enclosed in the case.





## **Caution**

1. This tool can only be applied to DC12v Power.
2. Do not use the tool continuously more than 10 minutes.
3. Do not touch the shaft head with hand during operation.
4. When using the clips to car's battery, please make sure to connect clips to correct terminals of the battery. Red to positive and black to negative.
5. Do not use sockets not included in this kit.
6. New fuse's rated current should be or less than 12A.
7. Turn off the switch 3-5 seconds after the "clatter" sound is heard, the continue the operation.
8. The manufacturer recommends checking the tightness of the wheel nuts with a wheel brace after tightening with the impact wrench. The impact wrench is only for emergency use. Use a professional torque wrench to recheck the correct torque as soon as possible.
9. The manufacturer takes no responsibility for incorrect usage of this product and the impact wrench are only designed to loosen and tighten car wheel nuts'.

## **Troubleshooting**

### **DANGER - Risk of fatal electric shocks.**

Only have repairs to the tool or the power cord carried out by a professional experience technician.

#### **1. Impact wrench will not start.**

Is the car battery dead?

Is the cigarette lighter faulty?

Is the fuse in the impact wrench faulty?

#### **2. Wheel nut cannot be unscrewed or tightened.**

Has the correct rotational direction been selected?





Tensione di ingresso	DC12V
Energia	80W
Corrente nominale	13A
Corrente massima	15A
Coppia massima	420N.M

### Package contents

NO.	Nome	Quantità
1	Martinetto idraulico elettrico	1
2	Chiave elettrica	1
3	Martello di sicurezza e salvataggio	1
4	Linea elettrica (4 m)	1
5	Morsetto per batteria	1
6	Guanto	1
7	Filo fusibile	2
8	PRESA	2
9	Chiave inglese a sei angoli	1
10	Ugello di riempimento dell'aria	3
11	Tampone di gomma	2
12	Proiettore	1
13	Custodia per il trasporto	1
14	Manuale d'uso	1

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## GATO HIDRÁULICO ELÉCTRICO (KITS)

MODELO: ZSY02-X+ZSB05

(NOTA: KITS QUE CONTIENEN LOS MODELOS ZSY02-X Y ZSB05)

Seguimos comprometidos a brindarle herramientas a precios competitivos.

"Ahorre la mitad", "mitad de precio" o cualquier otra expresión similar que utilicemos solo representa una estimación del ahorro que podría obtener al comprar ciertas herramientas con nosotros en comparación con las principales marcas y no necesariamente significa que cubra todas las categorías de herramientas que ofrecemos. Le recordamos que, al realizar un pedido con nosotros, verifique cuidadosamente si realmente está ahorrando la mitad en comparación con las principales marcas.

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GATO HIDRÁULICO ELÉCTRICO  
(EQUIPOS)

**MODELO: ZSY02-X+ZSB05**

(NOTA: KITS QUE CONTIENEN LOS MODELOS ZSY02-X Y ZSB05)



**¿NECESITA AYUDA? ¡CONTÁCTENOS!**

¿Tiene preguntas sobre el producto? ¿Necesita asistencia técnica? No dude en ponerse en contacto con

nosotros: Asistencia técnica y certificado de garantía electrónica  
[www.vevor.com/support](http://www.vevor.com/support)

Estas son las instrucciones originales, lea atentamente todas las instrucciones del manual antes de utilizar el producto. VEVOR se reserva una interpretación clara de nuestro manual de usuario. La apariencia del producto estará sujeta al producto que recibió. Perdónenos por no informarle nuevamente si hay actualizaciones de tecnología o software en nuestro producto.

## Gato hidráulico eléctrico (ZSY02-X)

### Safety Warning



1. Please read this manual carefully before using.
2. 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.
3. Do not overhaul the machine to avoid destroying the machine and lose the right of Guarantee.
4. Do not work for long time, when not using, please cut off the power.
5. Avoid the machine dropping into the water and using in the bad condition.
6. Check the power to match well with 12V Car Cigarette Lighter before using.
7. 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.
8. Do not overload when using the machine, make sure to keep upright with the lifting car at the same time, never operate it aslant.
9. Do not pull the power cable casually when using, avoid the cable broken or short circuit.
10. Make sure the car park in one side and close the engine before using.
11. 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.
12. 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.
13. It can only be used for car maintenance, not for other purposes.

**CAUTION: The maximum loading car weight is 5T model !**

## 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

1. Portable Multifunctional Electric Jack One Piece
2. Instruction Manual One Piece
3. 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

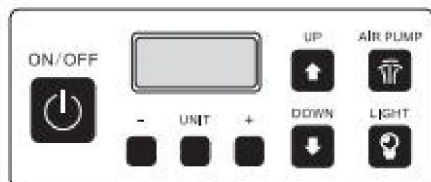
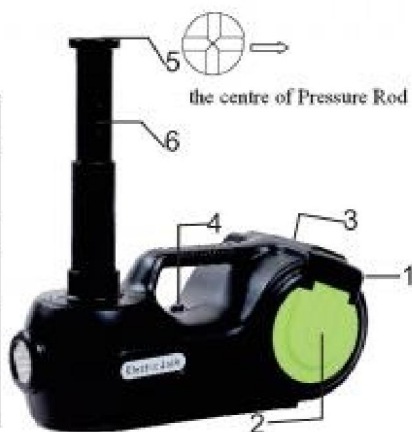


**Diagram One:**

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	FUNCTION DESCRIPTION
1	Direction Switch	Up/Close/Down
2	Function Switch	Inflation/Close/Lift
3	U	Up
4	D	Down
5	Air Bag	Inflation
6	Jack	Lift
7	O	Close
8	—	The lamp



## 4 ) Application Method

### Jack Function:

- (1) Stop the car, tension the car brake.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) After changing the tyre, adjust the direction switch to "Down", the jack would start to fall in constant speed.
- (6) Finish all, please collect the cables and tools in the line winding box.

### Inflation Function:

- (1) Prepare for the equipment well, pull out the air hose and choose the suitable inflatable head to connect, then turn on the power.
- (2) Adjust the function switch to "Inflation", then it would start to inflate, please check the change of the pressure gauge.
- (3) 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	DC12V
Rated Power	180W
Rated Current	15A
Fuse	15A
Length of Power Cable	4m
Max Loading car weight	5T
Lifting Range	155-450mm
Working Temperature	-15~50℃
Jack Size	31*15.5*15cm
Weight	4.8kg

### 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

## 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 "O", pls adjust the switch to "I" (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.

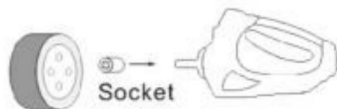
Remove the head of safety valve(See Diagram Two, point 4), loose the safety valve with six-angle spanner( rotate about half circle by anticlockwise), till the pressure rod falls to the prior position, then tightening it.

## Llave eléctrica (ZSB05)

### Operation

1. Turn on the power of the car.
2. Plug into cigarette lighter or connect with the car's battery.
3. Choose the proper socket to the wrench's shaft. (FIG.1)
4. According to thread direction, press switch for tightening or loosening. (Do the reverse for L. T. screw) (FIG.2)
5. Press left side of the switch (with mark II) to start operation, and each nut will be loosened after two or three times of "clatter" sound.  
NB: If the wrench pins with out impacting. Please start engine for maximum voltage.
6. Press right side of switch (with mark) to tighten nuts, it will be tight enough after two or three times of "clatter" sound.

### OPERATION CHART



Choose and apply  
the correct socket to  
the wrench head  
(FIG.1)



Apply the wrench to wheel Nut and Press the  
Upper side of the switch (with mark '-') to  
start .Nut will be loosened in 3 seconds .  
(FIG.2)

### HOW TO REPLACE THE FUSE IN THE 12V PLUG

1. To replace the fuse in the plug, twist off the upper cover.
2. Remove the faulty fuse and insert a new one.
3. Twist the cover back on the plug. A spare fuse is enclosed in the case.



## **Caution**

1. This tool can only be applied to DC12v Power.
2. Do not use the tool continuously more than 10 minutes.
3. Do not touch the shaft head with hand during operation.
4. When using the clips to car's battery, please make sure to connect clips to correct terminals of the battery. Red to positive and black to negative.
5. Do not use sockets not included in this kit.
6. New fuse's rated current should be or less than 12A.
7. Turn off the switch 3-5 seconds after the "clatter" sound is heard, the continue the operation.
8. The manufacturer recommends checking the tightness of the wheel nuts with a wheel brace after tightening with the impact wrench. The impact wrench is only for emergency use. Use a professional torque wrench to recheck the correct torque as soon as possible.
9. The manufacturer takes no responsibility for incorrect usage of this product and the impact wrench are only designed to loosen and tighten car wheel nuts'.

## **Troubleshooting**

### **DANGER - Risk of fatal electric shocks.**

Only have repairs to the tool or the power cord carried out by a professional experience technician.

#### **1. Impact wrench will not start.**

Is the car battery dead?

Is the cigarette lighter faulty?

Is the fuse in the impact wrench faulty?

#### **2. Wheel nut cannot be unscrewed or tightened.**

Has the correct rotational direction been selected?



Voltaje de entrada	12 V CC
Fuerza	80W
Corriente nominal	13A
Corriente máxima	15A
Par máximo	420 N.M.

### Package contents

No.	Nombre	Cantidad
1	Gato hidráulico eléctrico	1
2	Llave eléctrica	1
3	Martillo de rescate de seguridad	1
4	Cable de alimentación (4 m)	1
5	Clip de batería	1
6	Guante	1
7	Cable fusible	2
8	Enchufe	2
9	Llave de seis ángulos	1
10	Boquilla de llenado de aire	3
11	Almohadilla de goma	2
12	Foco	1
13	Estuche de transporte	1
14	Manual de usuario	1

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**PODNOŚNIK HYDRAULICZNY ELEKTRYCZNY (ZESTAWY)**

**MODEL: ZSY02-X+ZSB05**

**(UWAGA: ZESTAWY ZAWIERAJĄCE MODELE ZSY02-X I ZSB05)**

Nadal staramy się oferować Państwu narzędzia w konkurencyjnych cenach. „Oszczędź połowę”, „Połowa ceny” lub inne podobne wyrażenia używane przez nas stanowią jedynie szacunkowe oszczędności, jakie możesz uzyskać, kupując u nas określone narzędzia w porównaniu z głównymi markami i niekoniecznie oznaczają one objęcie wszystkich kategorii narzędzi oferowanych przez nas. Uprzejmie przypominamy, aby dokładnie sprawdzić, czy składając u nas zamówienie faktycznie oszczędzasz połowę w porównaniu z głównymi markami.

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PODNOŚNIK HYDRAULICZNY ELEKTRYCZNY  
(ZESTAWY)

**MODEL: ZSY02-X+ZSB05**

**(UWAGA: ZESTAWY ZAWIERAJĄCE MODELE ZSY02-X I ZSB05)**



**POTRZEBUJESZ POMOCY? SKONTAKTUJ SIĘ Z NAMI!!**

Masz pytania dotyczące produktu? Potrzebujesz wsparcia technicznego? Skontaktuj się z nami: Wsparcie

techniczne i certyfikat E-Gwarancji [www.vevor.com/support](http://www.vevor.com/support)

To jest oryginalna instrukcja, przed użyciem należy uważnie przeczytać wszystkie instrukcje. VEVOR zastrzega sobie jasną interpretację naszej instrukcji obsługi. Wygląd produktu będzie zależał od produktu, który otrzymałeś. Prosimy o wybaczenie, że nie poinformujemy Cię ponownie, jeśli w naszym produkcie pojawią się jakiekolwiek aktualizacje technologiczne lub oprogramowania.

## Podnośnik hydrauliczny elektryczny (ZSY02-X)

### Safety Warning



1. Please read this manual carefully before using.
2. 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.
3. Do not overhaul the machine to avoid destroying the machine and lose the right of Guarantee.
4. Do not work for long time, when not using, please cut off the power.
5. Avoid the machine dropping into the water and using in the bad condition.
6. Check the power to match well with 12V Car Cigarette Lighter before using.
7. 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.
8. Do not overload when using the machine, make sure to keep upright with the lifting car at the same time, never operate it aslant.
9. Do not pull the power cable casually when using, avoid the cable broken or short circuit.
10. Make sure the car park in one side and close the engine before using.
11. 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.
12. 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.
13. It can only be used for car maintenance, not for other purposes.

**CAUTION: The maximum loading car weight is 5T model !**

## 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

1. Portable Multifunctional Electric Jack One Piece
2. Instruction Manual One Piece
3. 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

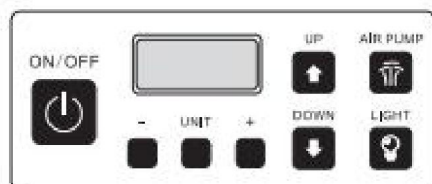


**Diagram One:**

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	FUNCTION DESCRIPTION
1	Direction Switch	Up/Close/Down
2	Function Switch	Inflation/Close/Lift
3	U	Up
4	D	Down
5	Air Bag	Inflation
6	Jack	Lift
7	O	Close
8	—	The lamp

## 4 ) Application Method

### Jack Function:

- (1) Stop the car, tension the car brake.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) After changing the tyre, adjust the direction switch to "Down", the jack would start to fall in constant speed.
- (6) Finish all, please collect the cables and tools in the line winding box.

### Inflation Function:

- (1) Prepare for the equipment well, pull out the air hose and choose the suitable inflatable head to connect, then turn on the power.
- (2) Adjust the function switch to "Inflation", then it would start to inflate, please check the change of the pressure gauge.
- (3) 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	DC12V
Rated Power	180W
Rated Current	15A
Fuse	15A
Length of Power Cable	4m
Max Loading car weight	5T
Lifting Range	155-450mm
Working Temperature	-15~50℃
Jack Size	31*15.5*15cm
Weight	4.8kg

### 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



## 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 "O", pls adjust the switch to "I" (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.

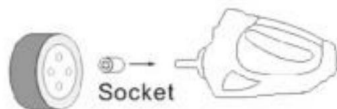
Remove the head of safety valve(See Diagram Two, point 4), loose the safety valve with six-angle spanner( rotate about half circle by anticlockwise), till the pressure rod falls to the prior position, then tightening it.

## Klucz elektryczny (ZSB05)

### Operation

1. Turn on the power of the car.
2. Plug into cigarette lighter or connect with the car's battery.
3. Choose the proper socket to the wrench's shaft. (FIG.1)
4. According to thread direction, press switch for tightening or loosening. (Do the reverse for L. T. screw) (FIG.2)
5. Press left side of the switch (with mark II) to start operation, and each nut will be loosened after two or three times of "clatter" sound.  
NB: If the wrench pins with out impacting. Please start engine for maximum voltage.
6. Press right side of switch (with mark) to tighten nuts, it will be tight enough after two or three times of "clatter" sound.

### OPERATION CHART



Choose and apply  
the correct socket to  
the wrench head  
(FIG.1)



Apply the wrench to wheel Nut and Press the  
Upper side of the switch (with mark "-") to  
start .Nut will be loosened in 3 seconds .  
(FIG.2)

### HOW TO REPLACE THE FUSE IN THE 12V PLUG

1. To replace the fuse in the plug, twist off the upper cover.
2. Remove the faulty fuse and insert a new one.
3. Twist the cover back on the plug. A spare fuse is enclosed in the case.



## **Caution**

1. This tool can only be applied to DC12v Power.
2. Do not use the tool continuously more than 10 minutes.
3. Do not touch the shaft head with hand during operation.
4. When using the clips to car's battery, please make sure to connect clips to correct terminals of the battery. Red to positive and black to negative.
5. Do not use sockets not included in this kit.
6. New fuse's rated current should be or less than 12A.
7. Turn off the switch 3-5 seconds after the "clatter" sound is heard, the continue the operation.
8. The manufacturer recommends checking the tightness of the wheel nuts with a wheel brace after tightening with the impact wrench. The impact wrench is only for emergency use. Use a professional torque wrench to recheck the correct torque as soon as possible.
9. The manufacturer takes no responsibility for incorrect usage of this product and the impact wrench are only designed to loosen and tighten car wheel nuts'.

## **Troubleshooting**

### **DANGER - Risk of fatal electric shocks.**

Only have repairs to the tool or the power cord carried out by a professional experience technician.

#### **1. Impact wrench will not start.**

Is the car battery dead?

Is the cigarette lighter faulty?

Is the fuse in the impact wrench faulty?

#### **2. Wheel nut cannot be unscrewed or tightened.**

Has the correct rotational direction been selected?



Napięcie wejściowe	Prąd stały 12 V
Moc	80W
Prąd znamionowy	13A
Maksymalny prąd	15A
Maksymalny moment obrotowy	420N.M

### Package contents

NIE.	Nazwa	Ilość
1	Podnośnik hydrauliczny elektryczny	1
2	Klucz elektryczny	1
3	Młotek ratowniczy bezpieczeństwa	1
4	Linia energetyczna (4m)	1
5	Zacisk baterii	1
6	Rękawica	1
7	Przewód bezpiecznikowy	2
8	Gniazdo	2
9	Klucz kątowy sześciokątny	1
10	Dysza do napełniania powietrzem	3
11	Podkładka gumowa	2
12	Iluminacja	1
13	Etui transportowe	1
14	Instrukcja obsługi	1

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Technische ondersteuning en e-garantiecertificaat [www.vevor.com/support](http://www.vevor.com/support)

## **ELEKTRISCHE HYDRAULISCHE KRIK (KITS)**

**MODEL: ZSY02-X+ZSB05**

**(LET OP: KITS MET MODELLEN ZSY02-X EN ZSB05)**

Wij streven er voortdurend naar om u gereedschappen tegen concurrerende prijzen te leveren.

"Save Half", "Half Price" of andere soortgelijke uitdrukkingen die wij gebruiken, geven alleen een schatting van de besparingen die u kunt behalen door bepaalde gereedschappen bij ons te kopen in vergelijking met de grote topmerken en betekent niet noodzakelijkerwijs dat alle categorieën gereedschappen die wij aanbieden, worden gedekt. Wij herinneren u eraan om zorgvuldig te controleren of u daadwerkelijk de helft bespaart in vergelijking met de grote topmerken wanneer u een bestelling bij ons plaatst.

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TOUGH TOOLS, HALF PRICE

ELEKTRISCHE HYDRAULISCHE KRIK  
(KITEN)

**MODEL: ZSY02-X+ZSB05**  
**(LET OP: KITS MET MODELLEN ZSY02-X EN ZSB05)**



**HULP NODIG? NEEM CONTACT MET ONS OP!**

Heeft u vragen over het product? Heeft u technische ondersteuning nodig? Neem dan gerust contact met

ons op: **Technische ondersteuning en E-garantiecertificaat**  
**[www.vevor.com/support](http://www.vevor.com/support)**

Dit is de originele instructie, lees alle handleidingen zorgvuldig door voordat u het product gebruikt. VEVOR behoudt zich een duidelijke interpretatie van onze gebruikershandleiding voor. Het uiterlijk van het product is afhankelijk van het product dat u hebt ontvangen. Vergeef ons dat we u niet opnieuw zullen informeren als er technologie- of software-updates voor ons product zijn.



## **Elektrische hydraulische krik (ZSY02-X)**

### **Safety Warning**



1. Please read this manual carefully before using.
2. 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.
3. Do not overhaul the machine to avoid destroying the machine and lose the right of Guarantee.
4. Do not work for long time, when not using, please cut off the power.
5. Avoid the machine dropping into the water and using in the bad condition.
6. Check the power to match well with 12V Car Cigarette Lighter before using.
7. 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.
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9. Do not pull the power cable casually when using, avoid the cable broken or short circuit.
10. Make sure the car park in one side and close the engine before using.
11. 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.
12. 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.
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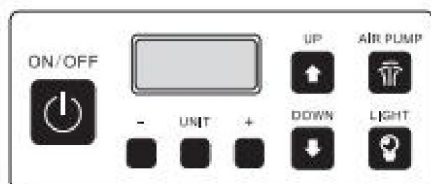
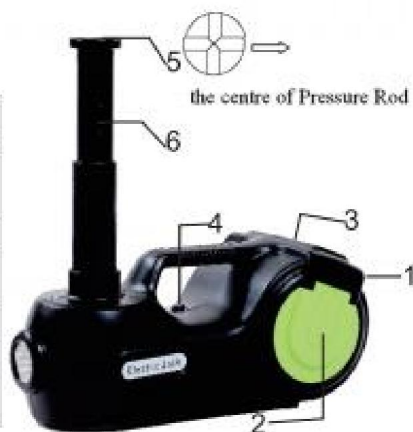


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**Diagram Two:**

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	FUNCTION DESCRIPTION
1	Direction Switch	Up/Close/Down
2	Function Switch	Inflation/Close/Lift
3	U	Up
4	D	Down
5	Air Bag	Inflation
6	Jack	Lift
7	O	Close
8	—	The lamp

## 4 ) Application Method

### Jack Function:

- (1) Stop the car, tension the car brake.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) After changing the tyre, adjust the direction switch to "Down", the jack would start to fall in constant speed.
- (6) Finish all, please collect the cables and tools in the line winding box.

### Inflation Function:

- (1) Prepare for the equipment well, pull out the air hose and choose the suitable inflatable head to connect, then turn on the power.
- (2) Adjust the function switch to "Inflation", then it would start to inflate, please check the change of the pressure gauge.
- (3) 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	DC12V
Rated Power	180W
Rated Current	15A
Fuse	15A
Length of Power Cable	4m
Max Loading car weight	5T
Lifting Range	155-450mm
Working Temperature	-15~50℃
Jack Size	31*15.5*15cm
Weight	4.8kg

### 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



## 6) Fault Diagnosis

### 1. Jack couldn't work

- a). Check whether turning on the auto power.
- b). Inspect whether the function switch is adjusted to the relevant function position.
- c). 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.
- d). 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 "O", pls adjust the switch to "I" (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

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

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

- a). Confirm whether starting the motor.
- b). Whether the function switch is adjusted to the JACK function position, and also check the direction switch for "Up" / "Down".
- c). 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.
- d). 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

- a). Confirm whether starting the motor.
- b). Whether the function switch is adjusted to the JACK function position, and also check the direction switch for "Up" / "Down".
- c). 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.

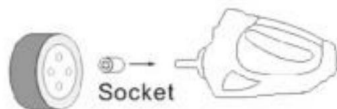
Remove the head of safety valve(See Diagram Two, point 4), loose the safety valve with six-angle spanner( rotate about half circle by anticlockwise), till the pressure rod falls to the prior position, then tightening it.

## Elektrische sleutel (ZSB05)

### Operation

1. Turn on the power of the car.
2. Plug into cigarette lighter or connect with the car's battery.
3. Choose the proper socket to the wrench's shaft. (FIG.1)
4. According to thread direction, press switch for tightening or loosening. (Do the reverse for L. T. screw) (FIG.2)
5. Press left side of the switch (with mark II) to start operation, and each nut will be loosened after two or three times of "clatter" sound.  
NB: If the wrench pins with out impacting. Please start engine for maximum voltage.
6. Press right side of switch (with mark) to tighten nuts, it will be tight enough after two or three times of "clatter" sound.

### OPERATION CHART



Choose and apply  
the correct socket to  
the wrench head  
(FIG.1)



Apply the wrench to wheel Nut and Press the  
Upper side of the switch (with mark "-") to  
start .Nut will be loosened in 3 seconds .  
(FIG.2)

### HOW TO REPLACE THE FUSE IN THE 12V PLUG

1. To replace the fuse in the plug, twist off the upper cover.
2. Remove the faulty fuse and insert a new one.
3. Twist the cover back on the plug. A spare fuse is enclosed in the case.





## **Caution**

1. This tool can only be applied to DC12v Power.
2. Do not use the tool continuously more than 10 minutes.
3. Do not touch the shaft head with hand during operation.
4. When using the clips to car's battery, please make sure to connect clips to correct terminals of the battery. Red to positive and black to negative.
5. Do not use sockets not included in this kit.
6. New fuse's rated current should be or less than 12A.
7. Turn off the switch 3-5 seconds after the "clatter" sound is heard, the continue the operation.
8. The manufacturer recommends checking the tightness of the wheel nuts with a wheel brace after tightening with the impact wrench. The impact wrench is only for emergency use. Use a professional torque wrench to recheck the correct torque as soon as possible.
9. The manufacturer takes no responsibility for incorrect usage of this product and the impact wrench are only designed to loosen and tighten car wheel nuts'.

## **Troubleshooting**

### **DANGER - Risk of fatal electric shocks.**

Only have repairs to the tool or the power cord carried out by a professional experience technician.

#### **1. Impact wrench will not start.**

Is the car battery dead?

Is the cigarette lighter faulty?

Is the fuse in the impact wrench faulty?

#### **2. Wheel nut cannot be unscrewed or tightened.**

Has the correct rotational direction been selected?



Ingangsspanning	DC12V
Stroom	80W
Nominale stroom	13A
Max. stroom	15A
Max.koppel	420N.M

### Package contents

Nee.	Naam	Hoeveelheid
1	Elektrische hydraulische krik	1
2	Elektrische sleutel	1
3	Veiligheidsreddingshamer	1
4	Elektriciteitsleiding (4m)	1
5	Batterijclip	1
6	Handschoen	1
7	Zekering draad	2
8	Stopcontact	2
9	Zeshoekige steeksleutel	1
10	Lucht vulmondstuk	3
11	Rubberen pad	2
12	Schijnwerper	1
13	Draagtas	1
14	Gebruiksaanwijzing	1

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## **ELEKTRISKA HYDRAULISKA jack (KIT)**

**MODELL: ZSY02-X+ZSB05**

**(OBS: SÄT SOM INNEHÅLLER MODELLER ZSY02-X OCH ZSB05)**

Vi fortsätter att vara engagerade i att ge dig verktyg till konkurrenskraftiga priser. "Spara hälften", "halva priset" eller andra liknande uttryck som används av oss representerar bara en uppskattning av besparingar du kan dra nytta av att köpa vissa verktyg hos oss jämfört med de stora toppmärkena och betyder inte nödvändigtvis att täcka alla kategorier av verktyg som erbjuds av oss. Du påminns vänligen om att noggrant kontrollera när du gör en beställning hos oss om du faktiskt sparar hälften i jämförelse med de främsta stora varumärkena.

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TOUGH TOOLS, HALF PRICE

ELEKTRISK HYDRAULISKA jack  
(KIT)

**MODELL: ZSY02-X+ZSB05**

(OBS: SÄT SOM INNEHÅLLER MODELLER ZSY02-X OCH ZSB05)



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## Elektrisk hydraulisk domkraft (ZSY02-X)

### Safety Warning



1. Please read this manual carefully before using.
2. 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.
3. Do not overhaul the machine to avoid destroying the machine and lose the right of Guarantee.
4. Do not work for long time, when not using, please cut off the power.
5. Avoid the machine dropping into the water and using in the bad condition.
6. Check the power to match well with 12V Car Cigarette Lighter before using.
7. 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.
8. Do not overload when using the machine, make sure to keep upright with the lifting car at the same time, never operate it aslant.
9. Do not pull the power cable casually when using, avoid the cable broken or short circuit.
10. Make sure the car park in one side and close the engine before using.
11. 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.
12. 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.
13. It can only be used for car maintenance, not for other purposes.

**CAUTION: The maximum loading car weight is 5T model !**

## 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

1. Portable Multifunctional Electric Jack One Piece
2. Instruction Manual One Piece
3. 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

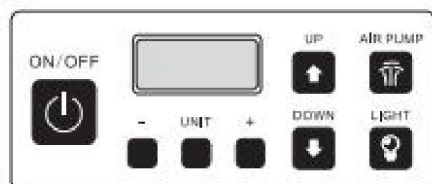
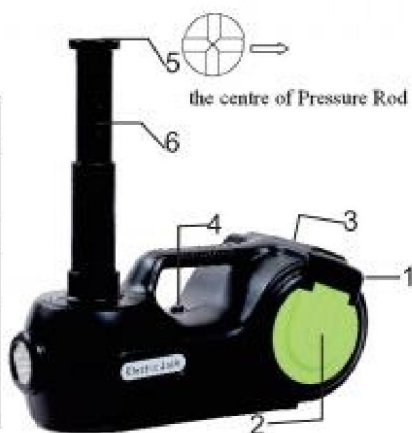


**Diagram One:**

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	FUNCTION DESCRIPTION
1	Direction Switch	Up/Close/Down
2	Function Switch	Inflation/Close/Lift
3	U	Up
4	D	Down
5	Air Bag	Inflation
6	Jack	Lift
7	O	Close
8	—	The lamp

## 4 ) Application Method

### Jack Function:

- (1) Stop the car, tension the car brake.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) After changing the tyre, adjust the direction switch to "Down", the jack would start to fall in constant speed.
- (6) Finish all, please collect the cables and tools in the line winding box.

### Inflation Function:

- (1) Prepare for the equipment well, pull out the air hose and choose the suitable inflatable head to connect, then turn on the power.
- (2) Adjust the function switch to "Inflation", then it would start to inflate, please check the change of the pressure gauge.
- (3) 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	DC12V
Rated Power	180W
Rated Current	15A
Fuse	15A
Length of Power Cable	4m
Max Loading car weight	5T
Lifting Range	155-450mm
Working Temperature	-15~50℃
Jack Size	31*15.5*15cm
Weight	4.8kg

### 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

## 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 "O", pls adjust the switch to "I" (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.

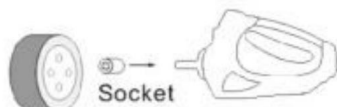
Remove the head of safety valve(See Diagram Two, point 4), loose the safety valve with six-angle spanner( rotate about half circle by anticlockwise), till the pressure rod falls to the prior position, then tightening it.

## Elektrisk skiftnyckel (ZSB05)

### Operation

1. Turn on the power of the car.
2. Plug into cigarette lighter or connect with the car's battery.
3. Choose the proper socket to the wrench's shaft. (FIG.1)
4. According to thread direction, press switch for tightening or loosening. (Do the reverse for L. T. screw) (FIG.2)
5. Press left side of the switch (with mark II) to start operation, and each nut will be loosened after two or three times of "clatter" sound.  
NB: If the wrench pins with out impacting. Please start engine for maximum voltage.
6. Press right side of switch (with mark) to tighten nuts, it will be tight enough after two or three times of "clatter" sound.

### OPERATION CHART



Choose and apply  
the correct socket to  
the wrench head  
(FIG.1)



Apply the wrench to wheel Nut and Press the  
Upper side of the switch (with mark "-") to  
start .Nut will be loosened in 3 seconds .  
(FIG.2)

### HOW TO REPLACE THE FUSE IN THE 12V PLUG

1. To replace the fuse in the plug, twist off the upper cover.
2. Remove the faulty fuse and insert a new one.
3. Twist the cover back on the plug. A spare fuse is enclosed in the case.





## **Caution**

1. This tool can only be applied to DC12v Power.
2. Do not use the tool continuously more than 10 minutes.
3. Do not touch the shaft head with hand during operation.
4. When using the clips to car's battery, please make sure to connect clips to correct terminals of the battery. Red to positive and black to negative.
5. Do not use sockets not included in this kit.
6. New fuse's rated current should be or less than 12A.
7. Turn off the switch 3-5 seconds after the "clatter" sound is heard, the continue the operation.
8. The manufacturer recommends checking the tightness of the wheel nuts with a wheel brace after tightening with the impact wrench. The impact wrench is only for emergency use. Use a professional torque wrench to recheck the correct torque as soon as possible.
9. The manufacturer takes no responsibility for incorrect usage of this product and the impact wrench are only designed to loosen and tighten car wheel nuts'.

## **Troubleshooting**

### **DANGER - Risk of fatal electric shocks.**

Only have repairs to the tool or the power cord carried out by a professional experience technician.

#### **1. Impact wrench will not start.**

Is the car battery dead?

Is the cigarette lighter faulty?

Is the fuse in the impact wrench faulty?

#### **2. Wheel nut cannot be unscrewed or tightened.**

Has the correct rotational direction been selected?



Ingångsspänning	DC12V
Driva	80W
Märkström	13A
Max.ström	15A
Max. vridmoment	420N.M

### Package contents

Inga.	Namn	Kvantitet
1	Elektrisk hydraulisk domkraft	1
2	Elektrisk skiftnyckel	1
3	Säkerhetsräddningshammare	1
4	Kraftledning (4m)	1
5	Batteriklämma	1
6	Handske	1
7	Säkringstråd	2
8	Uttag	2
9	Sexvinkelnnyckel	1
10	Luftpåfyllningsmunstycke	3
11	Gummikudde	2
12	Strålkastare	1
13	Bärväska	1
14	Användarmanual	1



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