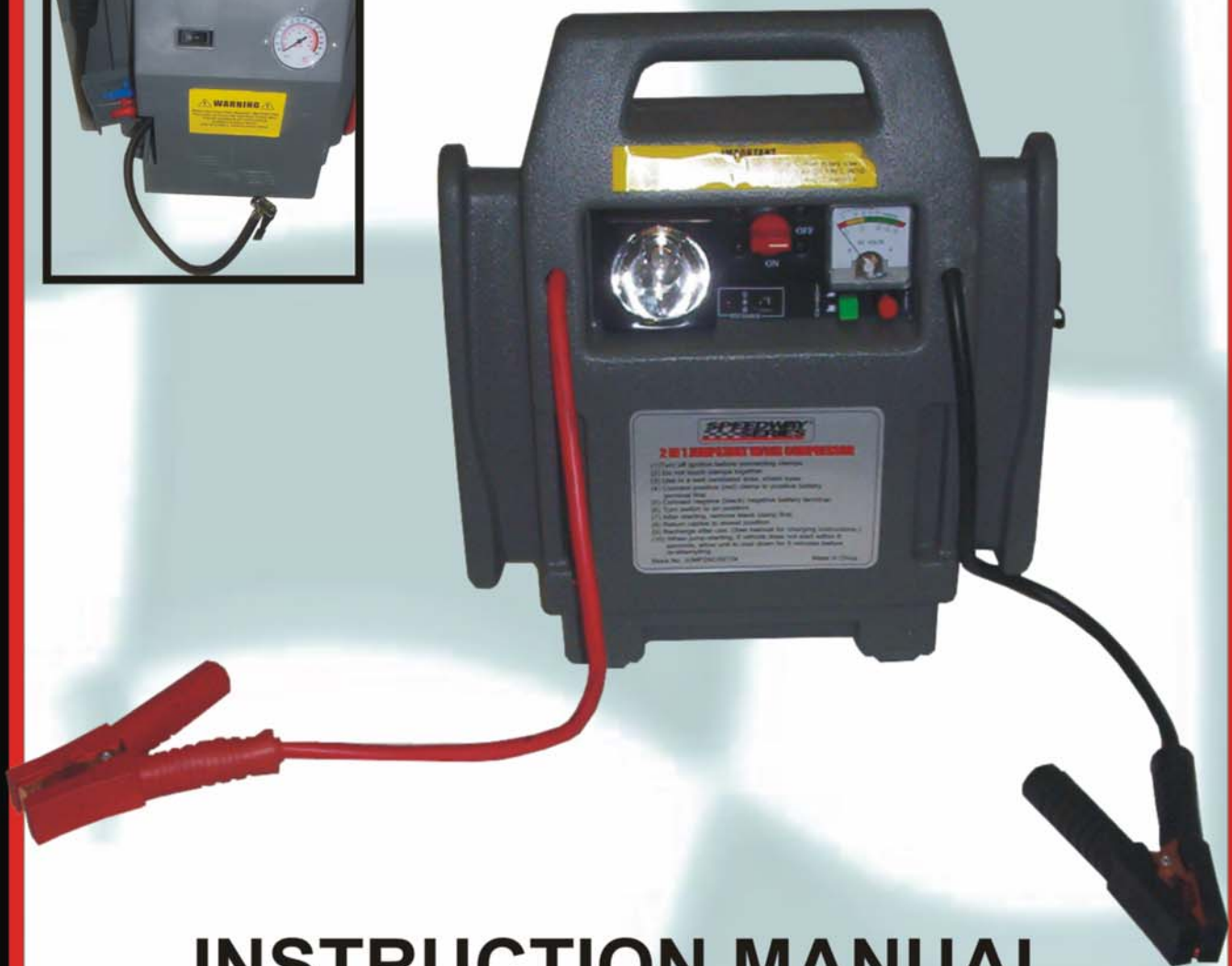


SPEEDWAY[®] **CHESSERIES**

12 volt Jump Start Pack with Air Compressor

Stock No. JUMP2AC / 05134



INSTRUCTION MANUAL

Please read this manual BEFORE using this item

SPECIFICATIONS:

Battery Type:	Sealed, lead-acid, rechargeable, 17.5 amp-hours	Features: - Safety Switch - Overload Protection - AC/DC Power Pack - Inflating Needle and Air Raft Tips - Work Light - 12 VDC Cigarette Lighter Output
Power Output:	12 VDC, 900 amps peak; 400 amps starting power	
Cables:	Rubber insulated (#4) copper; 400 amp clamps	
Compressor:	260 PSI maximum pressure	

SAVE THIS MANUAL

Read All Instructions Before Using the Jumpstarter. You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures.

Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep the manual and invoice in a safe and dry place for future reference.

SAFETY WARNINGS AND PRECAUTIONS

1. When working on or around lead-acid batteries, always wear ANSI approved eye protection.
2. Avoid contact with Battery Acid. If splashed, immediately wash effected area with clean water. Continue washing area until medical help arrives.
3. Connect **RED POSITIVE (+)** cable to Positive Battery Terminal first. Connect **BLACK NEGATIVE (-)** cable to body ground (a non moving metal part) second. Do not connect the **BLACK NEGATIVE (-)** cable to the Negative Battery Terminal. Turn vehicle ignition off before making cable connections.
4. Use Jumpstarter in well ventilated areas. Do not attempt to jump start vehicle around flammable gases or liquids.
5. Do not allow the Black and Red clamps to touch. If this happens it can melt clamps or other metal objects and may cause the battery to leak or explode. Place clamps only on the corresponding terminals.
6. 12 Volt Systems Only. Use only with vehicles and boats with 12 volt electrical systems.
7. Use for emergency jumpstarting. Do not use this system in the place of a vehicle battery.
8. Avoid working alone. If an accident happens, an assistant can bring help.
9. Avoid electrical shock. Use extreme caution when clamping around uninsulated conductors or bus bars. Prevent body contact with grounded surfaces such as metal car surfaces.
10. Do not place this unit in direct sunlight, direct heat or moisture. Do not use tool in damp or wet locations.
11. Keep children away. Children must never be allowed in the work area or to handle Jumpstarter.
12. Store idle equipment. Always lock up Jumpstarter and keep out of reach of children.
13. Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically nonconductive clothes and nonskid footwear are recommended when working. Wear restrictive hair covering to contain long hair.
14. Keep proper footing and balance at all times. Do not reach over or across electrical cables or running engines.
15. Inspect tool cords periodically and, if damaged, have them repaired by an authorized technician.
16. Stay alert. Watch what you are doing, use common sense. Do not operate when you are tired. Do not operate if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the Jumpstarter.
17. Check for damaged parts. Before using the Jumpstarter, any part that is damaged should be properly repaired or replaced by a qualified technician.
18. When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with Jumpstarter.
19. After the battery in the Jumpstart System has expired should be recycled. Some States require this recycling. Contact your local solid waste authority for recycling information.
20. Do not expose battery to intense heat or fire. Do not dispose of battery by fire. This could result in an explosion.
21. Before disposing of battery, cover exposed terminals with heavy duty electrical tape to prevent shorting.

JUMP START OPERATION

The Jumpstart System is designed for use with vehicles and boats.

You can also use this system as a portable power source of 12 VDC in remote areas or emergencies.

To use the 2 in 1 Jumpstart / Air Compressor to start your vehicle:

1. Make sure the vehicle or boat to be jump started is not running.
2. Connect the red clamp to the positive terminal on the vehicle's battery.
3. Connect the black clamp to a non-moving metal part of the engine, not to the negative terminal.

Caution: Never allow the red and black clamps to touch each other or a common conductor.

4. Turn the Main Power Switch on the Jumpstarter to the ON position.
5. Switch the vehicle or boat ignition to the ON position.
6. Wait for about a minute or two.
7. Switch the boat or vehicle to the start position for no more than 5 to 6 seconds.
8. If the vehicle or boat engine does not start, wait at least 3 minutes before retrying.
9. When the engine is running, Turn the Main Power Switch on the Jumpstarter to the OFF position.
10. Disconnect the black clamp first and return the cable to its stored position on the Jumpstarter.
11. Disconnect the red clamp and return the cable to its position on the Jumpstarter.
12. As soon as possible, recharge the Jumpstarter.



To Use Your Jump Start System To Power Appliances:

1. Lift up the cover of the Cigarette Lighter Receptacle.
2. Insert the cigarette lighter Plug from the appliance into the Cigarette Lighter Receptacle.

COMPRESSOR OPERATION

- If inflating a tire, place the Hose Connector on the tire valve stem and press the connector lever down to lock in place.
- If inflating a ball, air mattress, or other item, place the inflation needle or plastic adapter into the hose connector and press the connector lever down to lock in place. Insert the adapter into the item to be inflated.

After connecting the hose connector to the item being inflated, turn the compressor power Switch to the ON position.

Note: Do not over-inflate item, Check pressure gauge. Only run the Compressor for 10 minutes at a time. If more air is needed, wait 10 minutes before using again.

Turn air compressor Switch OFF when inflation is finished.



RECHARGING

- This unit is rechargeable, by either the 12 volt Recharging Adapter, or by use of a vehicle 12VDC cigarette lighter output socket.
- It is recommended that the battery is kept fully charged at all times. If the battery is left in a low charge state it could shorten battery life.
- To check and see if the battery is low, press the (red) Button. The Meter will show the battery charge level.
- Green area of meter indicates that it is charged.
- The Power Switch can be left in the OFF position while charging.

To recharge using the Adapter:

- Plug the AC power supply cord connector into the recharge receptacle on the front panel, and then the AC power supply into a 120 VAC outlet.
- Allow the Jump Start System to recharge for about 18-20 hours. Check the recharge progress by pressing the red Button. This will show the level of battery power on the Volt Meter
- This Jumpstart System is equipped with an automatic cut off so you can not overcharge the battery. The System may remain plugged into a 120 VAC outlet until needed.

To Recharge Using A12 VDC Supply:

Note: Recharging with this method will not recharge the system to the same 14 to 15 DC Voltage level as when using the AC power supply.

- Insert the end of the Cigarette Lighter Recharger Cord (small plug) into the receptacle on the front panel of the unit.
- Insert the Cigarette Lighter Recharger Plug into the Cigarette Lighter Receptacle on the boat or vehicle.

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