

# Forney

18 AMP-HOUR • 12 VOLT • OVERHEAT PROTECTION • JUMP START  
**OWNER'S MANUAL**

PORTABLE POWER • COMPACT & ROBUST

800 Peak Amps    250-300 Normal Cranking Amps    150-210 Cold Cranking Amps



- 18 Amp-Hour, 12 Volt
- Wall charger
- 6-gauge booster cable
- Built in ultra-bright LED work light
- Safety On/Off switch
- 12 Volt cigarette lighter/charger
- Two (2) 12 Volt outlets with 15 Amp overload protector
- Input socket DC charger
- Overheat protection
- LED battery status indicator
- Fully insulated battery clips with 600mm leads
- Robust plastic case with integral handle
- Sealed lead-acid battery
- 1-Year/90-Day Limited Warranty with "Advanced Replacement"

**POWER TO GET THE JOB DONE**

## WARNING

Before using this product, read this manual and follow all Safety Rules and Operational Instructions.

\*Failure to heed these warnings may result in personal injury, blindness, loss of life and/or damage to machineries or power pack unit.\*

When working with lead acid batteries, always use eye goggle. Contact with battery acid may cause blindness and/or severe burns.

- There is a risk of explosive gases being released when batteries are being charged or discharged. Make sure immediate first aid assistance is available in case of accident.
- Do not expose battery to fire or intense heat as explosion may occur.
- Never allow battery clamps to touch each other or another common metal conductor – This can cause damage to the unit and/or create dangerous sparks/ explosion hazards.
- Do not smoke or use by open flame while working on a vehicle's battery system.
- Always disconnect the negative (Black) jumper cable first, then the positive (red) jumper cable next.
- When charging unit from a 120-volt AC electrical outlet, the outlet being used should be protected by a ground fault interrupt (GFI) switch.
- To avoid electrical shock, do not allow the electrical cords and outlets to get wet.
- Perform jumpstart procedures only in a safe, dry, well-ventilated area.
- When using this unit close to the vehicle's battery and engine, place the unit only on flat, stable surface, making sure to keep all clamps, cords, clothing and body parts away from moving vehicle components.
- Keep unit out of reach of children when in storage or while in use.
- Before disposing of battery, protect terminals with heavy duty electrical tape to prevent shorting that may result in injury or fire.

### FIRST AID FOR BATTERY ACID CONTACT:

- **SKIN:** Rinse area of acid contact with water, then wash thoroughly with soap and water. Seek immediate medical attention if redness, pain or irritation occurs.
- **EYES:** If battery acid comes in contact with eyes, flush eyes immediately for a minimum of 15 minutes then seek medical attention.

## CAUTION: SAFETY FIRST

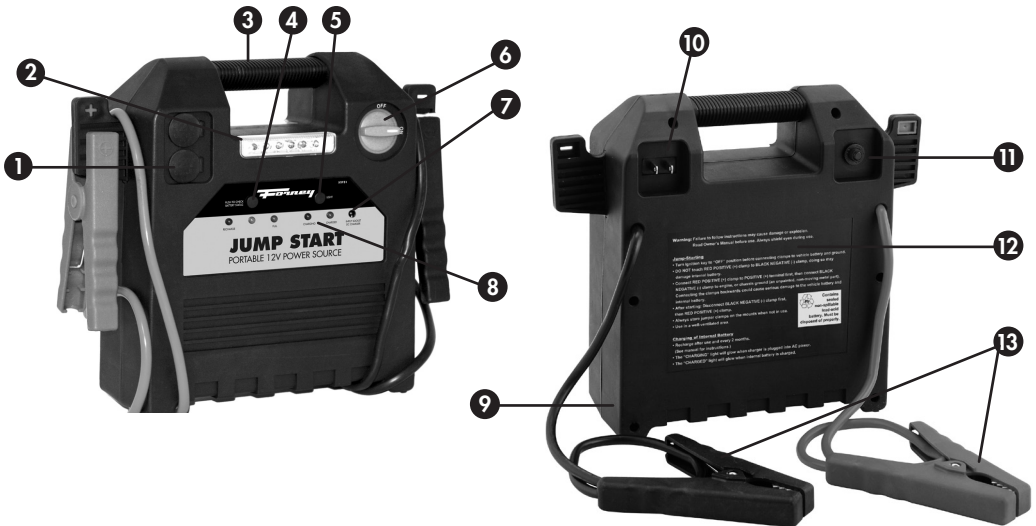
- Failure to follow these statements may result in damage to vehicles, appliances, and the power pack unit.
- Use only the supplied cords for recharging/operating this unit.
- Recharge the power pack immediately after each use.
- Turn switch to OFF position when unit is being charged or when not in use.
- Always switch to OFF position before connection to a power source/load.
- Never use power pack to operate appliances that draw more than 10 amps.
- This system is designed to be used only on vehicles with 12-volt DC battery systems. Do not connect to a 6-volt or 24-volt battery system.
- Vehicles that have on-board computerized systems may be damaged if vehicle battery is jump started. Before jumpstarting, check vehicle's "Owner manual" to confirm external-starting assistance is advised.
- Excessive engine cranking can damage a vehicle's starter motor. If the engine fails to start after the recommended number of attempts. Discontinue jump start procedure and look for other problems that may need to be corrected.
- Although this unit contains a non-spillable battery, it is recommended that unit be kept upright during storage and usage. To avoid possible damage that may occur to the power pack – avoid direct sunlight, direct heat, and moisture.
- Before each use, check unit for wear and tear. Replace worn or defective parts by calling our customer service department at (800) 521-6038.
- Do not attempt to jump start a frozen battery.
- This unit will not operate appliances and equipment that produce heat, such as a hair dryers, microwave ovens, and toasters.

## IMPORTANT - BEFORE USE

Before using unit for the first time, unit must be charged for a full 26 hours. Do not exceed recommended Initial Charge Time of 44 hours. Please recharge jump starter a minimum of every 2 months. Always recharge after use.

## OPERATING INSTRUCTIONS

1. 2-12 Volt Output Power Port to Conveniently Operate 12 Volt Accessories
2. LED Work Light
3. Easy Carry Handle
4. Battery Status LED Indicators with Button Switch
5. On/Off Light Switch
6. Convenient Booster On/Off Switch Disables Booster Use
7. Input Socket for DC Charger
8. Charging & Charged LED Indicators
9. Heavy-Duty Impact Resistant Case
10. AC Built-in Plug
11. Circuit Breaker
12. Built-in Rechargeable 18 AH Sealed Lead Acid Battery
13. Industrial Grade 400 Amp Booster Battery Clamps 6 Guage 31" Cables



## CORRECT PROCEDURE FOR JUMPSTARTING A VEHICLE

1. Turn ignition and all accessories such as lights, radio, air Conditioner, OFF.
2. Make sure all switches on the Jump starter are turned off (horizontal position for the booster cable switch).
3. Securely connect the red (+) clamp to your vehicle battery's positive (+) battery terminal.
4. Connect the black (-) clamp to a non-moving metal part of the vehicle. Do not connect to the negative terminal.
5. Turn Switch on Jump starter to ON (horizontal) position on side of unit.
6. Start vehicle. If vehicle does not immediately start, wait 3 minutes before trying again (failure to wait may damage Jump starter, vehicle's starter or electrical system). If vehicle does not start after trying 3 times, check the battery status and electrical system.
7. After vehicle starts, turn the Jump starter switch to OFF (vertical) position. Disconnect the BLACK Negative clamps first then the RED positive clamp.

## USING POWER PORT OF JUMP STARTER

1. Remove the protective cover.
2. Plug in your 12-volt accessory.
3. There is a 15 amp automatic overload protection circuit breaker.  
Reset the breaker by pushing the breaker button located on the back of the jump starter.

## BATTERY STATUS MONITOR

1. Before checking the battery status and to receive an accurate reading, unplug the AC or DC charging adapter from the unit.
2. Press and hold the Battery Level Indicator Button.
3. The Battery Level Indicator LEDs will illuminate to indicate the amount of Charge remaining in the Jump starter.  
**Green Light:** Fully Charged  
**Amber Light:** Battery Usable  
**Red Light:** Recharge Necessary – Do Not Use without recharge
4. When you release the button the lights will go out.

## CHARGING YOUR POWER PACK PORTABLE POWER SOURCE

1. Completely charge Jump Starter before using for the first time.
2. Before recharging from an AC outlet, be sure the power source is 110-120 volts only.
3. Use only the charger unit provided with unit.
4. Keep the power on/off safety switch in the OFF position while charging.
5. Make sure that there are no 12 V DC appliances connected to the mobile booster pack during charging.
6. Charging time is approximately 48-72 hours (may vary depending upon temperature and battery condition).

## FOR AC CHARGING AT HOME

Press and hold the battery level indicator button to the left of the LED lights to determine your battery level of the power pack. Recharge when the battery level is less than 75% (Amber or Red LED lights).

1. Plug extension cord into charger plug on the back of the power pack.
2. Plug the extension cord into 120V AC source. (Electrical outlet)
3. The red LED will glow indicating the internal battery is charging.
4. The green LED will glow when the battery has reached full charge. This could take up to 72 hours depending on the age and condition of the battery.

## FOR DC CHARGING IN YOUR VEHICLE

### When engine is running

1. Plug the DC charging cord into the DC charger input socket on the front panel.
2. Plug the DC charging cord into any 12V vehicle cigarette or power supply.

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
The booster pack won't jump start my car.	Clips are not making a good connection to the battery.	Check for poor connection to battery and frame. Make sure connection points are clean. Rock clips back and forth for a better connection.
	Connections are reversed.	Disconnect the booster pack and reverse the clips.
	The booster pack battery is not charged.	Check the battery charge status by pressing the button on the front of the booster pack. See LED Indicators section of this manual.
The booster pack won't power my 12V device.	The 12V device is not turned on.	Turn on the 12V device
	The booster pack battery is not charged.	Check the battery charge status by pressing the button on the front of the booster pack. See LED Indicators section of this manual.
	The 12V device draws more than a 15A or has a short circuit.	Disconnect the 12V device and press the reset button located on the back of the booster pack. Try the 12V device again. If it happens again, replace the 12V device.
The battery in the booster pack won't hold a charge.	The battery is bad (will not accept a charge).	Have the battery checked.



**BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.**

Consult your local yellow pages directory under the category "recycling" to locate a battery recycle in your area.

## **1 YEAR/90 DAY LIMITED WARRANTY**

FORNEY INDUSTRIES, INC. 1830 LAPORTE AVENUE, FORT COLLINS CO 80521 MAKES THIS LIMITED WARRANTY TO THE ORIGINAL RETAIL PURCHASER OF THIS PRODUCT. THIS LIMITED WARRANTY IS NOT TRANSFERABLE OR ASSIGNABLE.

Forney Industries, Inc. warrants this "Forney Jump Start" for one year and the internal battery for ninety (90) days from the date of purchase against defects in material or workmanship that may occur under normal use and care. Proof of purchase is required. If this unit is not free from defective material or workmanship, Forney's obligation under this warranty is only to repair or replace the product with a new or reconditioned unit, at the option of Forney Industries. The purchaser is obligated to return the unit, freight prepaid to Forney or its authorized repair station in order for repair or replacement to take place.

For warranty service, return the product, with proof of purchase, to Forney Industries, Inc., 3900 Canal Drive, Fort Collins, CO 80524 or contact Customer Service at 1-800-521-6038. Advance Replacement, at Forney's option, requires the product be registered within thirty (30) days of the date of purchase. Registration on line is available at [www.forneyind.com](http://www.forneyind.com).

Forney makes no other warranties, including warranty for any accessories used with this product that are not manufactured by Forney Industries and/or approved for use with this product. This "Limited Warranty" is void if the product is misused, subjected to abuse or repaired or modified by anyone other than Forney or its authorized repair station. It is the purchaser's obligation to read and follow the instructions provided in the owner's manual. Using this product in any other way than its original intended use will void the warranty.



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