

Duralast Jump Starter Owner Manual

Jump Starter and DC Power Source OWNERS MANUAL

FOR MODEL
DL-800

PLEASE SAVE THIS OWNERS MANUAL AND READ BEFORE EACH USE.
This manual will explain how to use the jump starter safely and effectively.
Please read and follow these instructions and precautions carefully.



CONTAINS SEALED, NON-SPILLABLE LEAD-ACID BATTERY. MUST BE DISPOSED OF PROPERLY.
WARNING: Possible explosion hazard. Contact with battery acid may cause severe burns and blindness.
Keep out of reach of children.

1. IMPORTANT SAFETY INSTRUCTIONS

- WARNING** – When using this product, basic precautions should always be followed, including the following:
- 1.1 Read all the instructions before using the product. Failure to do so could result in serious injury or death.
 - 1.2 To reduce the risk of injury, close supervision is necessary when the product is used near children.
 - 1.3 Do not put fingers or hands into the product.
 - 1.4 Do not expose the power pack to rain or snow.
 - 1.5 Use of an attachment not recommended or sold by the power pack manufacturer may result in a risk of fire, electric shock, or injury to persons.
 - 1.6 To reduce risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the power pack.
 - 1.7 Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
 - 1.8 Do not operate the power pack with a damaged cord or plug, or a damaged output cable.
 - 1.9 Do not disassemble the power pack, take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
 - 1.10 To reduce the risk of electric shock, unplug the power pack from the outlet before attempting any instructed servicing.

1.11 WARNING – RISK OF EXPLOSIVE GASES

- a. **WORKING IN VICINITY OF A LEAD ACID BATTERY IS DANGEROUS. BATTERIES GENERATE EXPLOSIVE GASES DURING NORMAL BATTERY OPERATION. FOR THIS REASON, IT IS OF THE UTMOST IMPORTANCE THAT YOU FOLLOW THE INSTRUCTIONS EACH TIME YOU USE THE POWER PACK.**

- b. To reduce risk of battery explosion, follow these instructions and those published by battery manufacturer and manufacturer of any equipment you intend to use in vicinity of the battery. Review cautionary markings on these products and on engine.

2. PERSONAL PRECAUTIONS

- 2.1 Consider having someone close enough by to come to your aid when you work near a lead-acid battery.
- 2.2 Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.
- 2.3 Wear complete eye protection and clothing protection. Avoid touching eyes while working near battery.
- 2.4 If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flood eye with running cold water for at least 10 minutes and get medical attention immediately.
- 2.5 NEVER smoke or allow a spark or flame in vicinity of battery or engine.
- 2.6 Be extra cautious to reduce risk of dropping a metal tool onto battery. It might spark or short-circuit battery or other electrical part that may cause explosion.
- 2.7 Remove personal metal items such as rings, bracelets, necklaces, and watches when working with a lead-acid battery. A lead-acid battery can produce a short-circuit current high enough to weld a ring or the like to metal, causing a severe burn.

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Our library is the biggest of these that have literally hundreds of thousands of different products represented.



Book Descriptions:

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Update This a battery jump pack that is used to jump start a car. Some units have an ac adapter built in so you can charge the battery in the jump start pack. My unit has a spot to connect the ac adapter to the jump pack so you can charge the battery in the jump pack. My ac adapter has been lost. I know I have to buy a new ac adapter so I can charge my jump pack, what I do not know is if the input from the ac adapter is 120v 60 hz I understand that the DC output needs to be 12v. I do not understand the milliamps. The battery in the jump box is 12v 10 ah what ever that is. I just want a new ac adapter to charge the jump pack with that is not going to damage anything. Hi, Do not understand. The unit has a battery which is charged via the AC connection. The unit provides a DC output supply. Do you wish to charge the unit battery using DC. If so, there is this warning given in the guide It is possible to overcharge the battery when recharging using the DC outlet. Over charging the battery can cause permanent damage and decrease battery performance. Only charge using DC supply if a 120V AC outlet is not available. Charging the battery this way via AC connection also safeguards the battery as there is built in protection from overcharging and damaging the battery, which is not provided when charging the unit battery via the DC connection. Hi, OK I get it now. Your unit which is not the one in the link in my answer I suppose doesn't have an inbuilt adapter. In that case to charge a battery you need to do it at what is known as charge at the 10 hour rate. This rate is the standard charge rate for batteries. It prevents damage caused by overheating etc, which may occur at higher current values. To get the charge current value, you divide the battery capacity, in your case 10AH by 10 giving a charging current of 1A. However charging voltage for a battery should be higher than the battery voltage so as to prevent the battery wanting to discharge back into the adapter.http://www.sablage2000.ca/fcke_files/decoder-pro-3-manual.xml

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e.g, car 12V batteries charge at 13.8V. So ideally to charge your battery you need a DC14V 1A charger. 15V will do but keep a check that the battery doesn't overheat. You'd most probably damage the charging circuits and possibly the battery of the jump starter Most car battery chargers initially put out 4A when charging a battery, which reduces as the battery charges. They can do this as a car battery is usually a lead acid type not as critical when charging as other types of rechargeable batteries and there is no battery management circuits in play when you charge them directly from a car battery charger, i.e. Battery disconnected from car and charger connected directly across battery terminals Looking at the specs for the charging adapter provided above, it only needs 0.5A to 0.7A to charge the jump starter. Obviously it takes longer to charge the battery with this amount of current, but most probably it is suited to the type of battery and battery management system in the jump starter. Is the center tap negative or positive on the charger for the PEAK 700. Their manual lacks detail for the charging apparatus. It could be 24 volts ac, it could be 12 volts dc center tap negative, it could be 15 volts center tap positive It could be anything. I expect to see a polarity, voltage, and current rating however we see none. Also we do not know what the circuitry is inside this. Can't make assumptions there. Most likely they have a buffer to control impedance and some circuitry for usb etc etc. You don't know the design or what's going on internally to the device. Can you specify with 100% certainty. No, you can't. Not without details. To determine a compatible charging unit, you will need the following information 1 specified center tap polarity positive or negative. 2 voltage ie 12 volts 24 volts etc etc 3 specified current i.e. 400 mA 5 the size of the plug i.e 2.1 mm A part number would be great. Just guessing on the polarity is a roll of the dice. Don't gamble.<http://stattus.com/assets/decoder-thomson-dti-series-3000-manuale.xml>

Get the facts! It may have preventive circuitry to avoid damaging the unit if you use the wrong polarity but you don't know. Until you find the mfg specs it's risky to just plug it in. You might wreck it. Is that an acceptable risk. No it isn't, not for me. In the world of portable jump starters, confusion abounds. Today in this post, I thought I'd put together a few helpful tips to get you pointed in the right direction. I'll look at sources for reviews, sources for procuring, and how to safely use a jump starter. First, let's go over the main reasons why you should own a portable jump starter. A jump starter is portable. Just keep the starter in the trunk. A starter pack gives you peace of mind when your car battery is weak or dead. You can boost your battery yourself without the need of another vehicle. A starter pack also provides portable 12 volt power to charge or run other devices like a laptop or cell phone. No need to worry about damaging the other vehicle, or your own if you are helping someone. As with any device intended for emergency use, proper care and maintenance is needed to ensure your jumper is ready for use when you need it. Keeping the portable jumper's battery fully charged is key. It is generally recommended to recharge your portable jumper pack every three months. There are few things to keep in mind when considering which portable booster you should buy. Proper strength amps. Weight. Accessories To properly size your starter pack consider the amp ratings. Here is a page that outlines the significance of amp ratings and how to size the right jumper for your application. Most portable jumpers range from 8 pounds to 40 pounds. Weight generally goes up with the strength amps of the unit because a bigger battery is required. Pick one that is the strongest in amps for your application, that you can still comfortably lift to about shoulder height.

Also, consider the need you might have for emergency lighting, tire inflation, and recharging cell phones and laptops. Imagine the worst case scenario. Your car battery is completely dead, it is dark and your cell phone is also dead. Well, good thing you have a portable power pack in the trunk right. Portable Jump Starter Reviews When you have narrowed down the basic type of portable jumper you want by strength, weight, and accessories, a good thing to do is check out a few portable jump starter reviews. A good review will give you technical information, features, as well as customer ratings. Most review sites endeavor to be honest and factual, even though they have affiliation with the particular product. Which means, when you make a purchase through the review site, the site owner will receive a commission. Some folks will see this as a conflict of interest, and others will not. The way I see it is like this. If the review site is serving up good, useful, quality information, the site owner should be compensated for his efforts. That said, there are plenty of "thin" sites that are not really useful. You may want to stay away from those sites. Here is an article by that has merit, although "thin" and limited in its scope. I still believe it is useful because it is from a trusted source. Portable jumpstarters We Put Them To The Test. Larger portable jumpstarting devices that clamp to a car's battery have become common in the past few years. But even smaller devices, which plug into a car's power outlet, are now on the market. Free data recovery software online. They take 5 to 10 minutes to charge your battery when it's low. All models were fully charged before each test. These models have leadacid batteries that can be recharged and used again. But they must be periodically recharged even if they're not used because they lose their charge over time. They're also larger and weigh more than 4 pounds, so you'd probably want to store them in the trunk.

Five of nine Schumacher batteries started our test vehicles, but two of them required additional charging beyond the manufacturer's instructions. Four appeared to come with dead internal batteries and weren't able to start our test cars even with additional charging. The StartMeUp2 needs no maintenance. But it contains a nonrechargeable battery that is good for just one use. Both models started only one of our vehicles. But be sure to keep it charged. Your best bet is to buy a set of booster cables at least 12 feet long and between 4 and 6 gauge. They don't need maintenance, and as long as you have access to a second vehicle, they can be used to jumpstart any car. Here are a few review sites that are worth checking out. Of course I will list CarBatteryHelp. I'm a little bias. .

Sources For Procuring Amazon Amazon is one of my favorite online shopping places. You can always be sure to find the lowest discounted prices and free shipping deals. Here are two top selling lines of jump starters. The JNC660 is well suited for most vehicles, while the MicroStart PPS is great for sports vehicles. Import contacts into windows 10 mail app. And Autozone Autozone carries Duramax as their main brand. They are local so you can go home today with one, but they don't always have stock of a particular item you may want. Here's the top customer rated battery jumper you can find at Autozone. Walmart Walmart carries a full line of car battery jump starters. All top name brands with customer reviews and ratings. What I like about Walmart is that you can order online and have the item shipped to the store for free. You can also be assured of the low prices. They seem to be price locked with Amazon, but I have seen prices higher at Walmart than at Amazon. Here is the current best seller at Walmart Harbor Freight Harbor Freight has been a favorite place to go for many years. They feature low cost tools and equipment. Which is great for bargain hunters and those on a tight budget.

A word to the wise though, nonbrand name items are usually of low to inferior quality. Here's the best rated car battery jump starter from Harbor Freight, but it's only available at the store. Home Depot Alas we come to Home Depot. Definitely a favorite for most people. The products available at Home Depot are always good to top quality. Home Depot also has a fair selection of car related tools and equipment, including portable jump starters. Duralast 900 Battery Charger Manual Currently, Home Depot has 28 jump starters to choose from, 7 of which are available in the store. Here are two of the top customer rated jump starters at Home Depot How To Use A Portable Jump Starter Although using a portable booster pack is straight forward and easy, here is how to use a portable jump starter properly on your car. To use as a jump booster for a weak or dead car battery do the following. Connect the positivered clamp of the starter to the positivered cable of the battery. Connect the negativeblack clamp of the starter to a sturdy metal part of the engine or frame of the car, as far away from the battery as possible and keeping clear of moving parts. Start the engine. After the engine starts immediately disconnect the negativeblack clamp first, then the positivered clamp. To use as a 12 volt portable power source is easy too. Usually, these packs will come with a 12 volt power socket similar to the cigarette light in your car. Just purchase a 12 volt inverter and plug in your 120 volt AC device. This is a great feature with tons of uses from camping to power outages. I read of one man who used his power pack to power up his CPAC machine during a power outage. He wrote that it lasted for several days without a recharge. When I'm outdoors and away from my car or truck, I love the fact that I can still use my laptop or small TV. Conclusion Procuring a portable starter for your car's battery failures is a wise choice.

It is better to use a car battery starter instead of regular jumper cables because of safety issues for the car and operators. Consider these three factors. Amps. Weight. Accessories Check out the review sites and make your best purchase. I hope you enjoyed this post on the portable jump starter. Please don't forget to comment, like and share. I truly welcome everybody's input. Thanks for reading! Would you like to try it too Please try again later. JumpStarter. Model No. PKC0AZ. Owner's Manual and Warranty Information. Read these instructions completely before using this product. When the JumpStarter is fully charged, the display will read FL. Disconnect the Your manual is here Google for an owner's manual. I can't Quick Cable does not warranty the battery in Model 910. The warranty is Owner's Manual. The 900 PEAK Amp JumpStarter allows you to jumpstart your battery, meaning.PKC0AZ Remote Starter pdf manual download. All leadacid Accessories up to 12 Amps can be powered by the unit. Roadside assistance and cell service aren't always available. If you want to avoid being the star of a scary story, some basic preparation is necessary. With a charged jump starter in your trunk, you'll never have to worry about getting stranded with a dead battery. But it can be frightening and risky to depend on the charity of a stranger to jump your car. First of all, not many people will stop; second of all, they may have

ulterior motives. To close out National Preparedness Month, let's discuss how to use a portable jump starter. Some are even equipped with builtin air compressors to fill up tires that are low on air. Keep in mind that this will drain the battery power. Remember to periodically charge your portable jump starter. This often happens when headlights or the ignition switch is left on while the car is not running. If the headlights are dim or don't turn on at all, the battery is probably dead. Bright headlights usually signify that something else is the problem.

If the dashboard lights don't flicker or come on at all, your problem might be with the ignition switch. Try jump starting the car and if the car dies again soon after, it's probably the alternator. Portable Jump Starters Vehicle battery chargers normally plug into a household outlet 110/120 volt AC in order to recharge a battery. They normally take several hours to two days to get a full charge. This can be important to have if you use your vehicle sporadically or only during certain times of the year. While pretty useless in the event of a roadside breakdown, they are able to charge up your battery when you get home, saving you money and inconvenience down the road. They don't need to be plugged into an outlet. They also don't recharge your battery, but rather provide the necessary amperage to crank the engine and start the vehicle. Once the engine is on, the alternator will charge the battery and power the electrical system. If you are only going to have one, get a portable unit; however, an at-home plugin unit can be useful and cost effective. As a result, they must be periodically recharged. These jump starter batteries will lose their charge more quickly if left in the car during hot and cold weather. We recommend charging your battery booster packs before going on a long trip. Simply insert the power adapter into an outlet and charge the battery until the light indicates a complete charge. If you are not 100% certain what you are doing, call roadside assistance or a towing service. And always read your owner's manual first! In the highly unlikely event that your vehicle has a positive ground very rare, the jump starting instructions will be different. Also, some manufacturers do not allow jumpstarts. Make sure it matches the jump starter's output voltage. This is normally a 12-volt supply. Remove any excessive corrosion before attaching the cables. The positive charger clamp is red and the negative charger clamp is black.

Choose an area on the car's frame or engine block, far away from the battery, carburetor and fuel lines. Never use fuel lines, engine rocker covers, or the intake manifold as grounding points! If the car won't turn on after the first attempt, wait around 23 minutes to try again. You may need a new battery if the car won't start after 4 or 5 attempts. Only then should you try to improve the connection. Now, safely store the portable jump starter. Now you can go home to safety. Most portable jump starters will plug directly into an AC outlet. Recharge the unit for at least 3 hours. Some units will require 12-24 hours for a complete charge. Leave the charger on overnight. Always read the manufacturer instructions for proper use. If the battery is overheating, stop charging until it has had time to cool off. Overheating the battery can be dangerous and damaging. There is a risk of electrocution and battery explosions. Are vertical tank air compressors better than horizontal tanks. My cousin was telling me they can hold more air but that doesn't make any sense to me. Thank you in advance for your answer. Part of the DealerSocket portfolio of advanced automotive technology products. I'm trying to match an power adapter to it but the adapter pin on the jump starter has no indication of what should plug in. I have an. Phone Toll Free 866 6227979 Monday-Friday 830 am 500 pm e.s.t Mail RoadPro 1875 Zeager Road Elizabethtown, PA 17022. After Hello. I have a duralast jump start kit. After the initial use, how long does it take to recharge the unit. Hi, usually after you drain the unit down it. Is this correct or do I need something else While the charger is connected to it, it will show the green light. But when I remove the charger, after having. I need to jump my car and do not have hours to wait for the Duralast kit to charge all the way. A friend is coming to help, but I am I have a Duralast jump starter. It says its charged when plugged in green light always on.

If you don't have one, you can download one from the duralast site. The jump starter pack is basically

a portable, rechargeable car battery in a box. The pack has a positive and a negative cable attached to it with large clamps on the ends for attaching to the battery of your car. It must be charged before use, and you can carry it in the trunk of your car for use as needed. Step 1 Open the hood of your car and locate the battery. If it is not under the hood, you will need to consult your dealer for specific location information. Step 2 Locate the positive battery terminal on the battery. Attach the red, or positive, cable from the jump starter to the positive side of your battery. Step 3 Locate the negative terminal on the battery. This one has a large embossed in the battery next to it. Attach the black, or negative, cable from the jump starter to the negative terminal. Step 4 Locate the power switch on the front of the jump starter pack. Rotate the dial to the on position. Make sure the jump starter is sitting in a spot that it will not fall. Go to the drivers seat of the car. Step 5 Turn the key in the ignition as you normally would and start the car. Leave it running and return to the engine compartment. Switch off the jump starter and remove the cables from the battery. Place the jump starter in the trunk or other safe spot in the car and close the hood. Allow the car to run for 20 to 30 minutes to recharge the battery before shutting it off. Warning Be sure to verify the positive and negative terminals on the battery before attaching the jump starter. Attaching the cables backward could damage the battery or electrical system of your car. Items you will need Duralast Jump Starter Pack About the Author This article was written by the It Still Works team, copy edited and fact checked through a multipoint auditing system, in efforts to ensure our readers only receive the best information.

To submit your questions or ideas, or to simply learn more about It Still Works, contact us. How to Program a Car Remote Starter How to Start an Automatic Car With a. How to Program a Keyless Entry for a. How to Replace the Starter in a Ford. Please try your search again later.I bought it, but it doesnt seem to be able to be plugged into the duralast gold 1200 peak amps jump starter. Can someone please post a pic of where to insert it Im trying to charge my car battery but it only shows FL. The light in the car comes on but soon as I crank the car it goes off, back to dead. How can I get it to show a percentage thats left in the battery and get it to charge. When you connect it to a vehicle battery and put it in the ON position it should read the percentage battery life of the vehicle battery. If your battery wont register at all and the battery immediately goes dead when you crank it that would indicate typically that the battery of the vehicle is totally dead unfortunately.I haven't used it in awhile but I plugged it in the charge it showed FL. So I took it to jump my car battery and as soon as I hook it up I get the LO indicator and it does charge my car. Tried for about 10mins Does this mean I need a new jumperThen try hooking it back up to the battery to see if it works. 63996 It said FL blinking but as soon as I I unplug and turn it on the battery level drops back down to 22. Tried numerous times. Seems like it won't hold charge at all. I drive an old audi, so charge pack is essentialThe initial charge can take up to 3 days so you might try charging it longer, but if it still doesnt hold it at all then it likely needs to be replaced. 62485 Much appreciated 62493 Indicator says FL so it probably wont charge due to intelligent system.After that a typical charge time is 1824 hours. I recommend putting it on the charge for that full 36 hours which should help calibrate the digital display.

54514 This is actually pretty standard with any type of product that uses a rechargeable battery. The charger should be turned off while its charging. 70720 Highly recommended. Since it hasnt been used in a while, I would charge it for at least 24 hours before trying to use it. 62856 The jumpstarter wouldnt come on when I turned the dial to on, so I decided to charge it using the AC plug in the back. Once I plugged it in, the battery display shows a flashing FL, which i assume means fully charged. Does this mean the starter needs to be charged some moreThe manual suggests a charge time of 18 to 24 hours after each use or 30 hours before the initial use out of the box. 61668 Wouldn't jump it. So I plugged it back it, and it says FL again.Also make sure the clamps have a secure, solid connection with the battery terminals. If youre still having trouble please let me know. 60013 I guess I will try to google replacement batteries for the jump box. Mine is a 900 and the

lights on the box to light up for the work area on the side of the box, I just figured it probably just has enough charge for those to work. 60026 It could just be completely dead, so it might take a day or two to completely charge. I would try leaving it plugged in for a long period of time to see if the display eventually changes. Let me know if youve already done this or the issue persists. 60014 When it is plugged into the 110 outlet to charge the display blinks 99.