

INSTRUCTION MANUAL

DEWALT®

DCA1820
20V Max* Li-Ion Battery Pack Adapter for 18V NiCd Tools

REPAIRS

The adapter is not serviceable.

REGISTER ONLINE

Thank you for your purchase. Register your product now for:

- **WARRANTY SERVICE:** Registering your product will help you obtain more efficient warranty service in case there is a problem with your product.
- **CONFIRMATION OF OWNERSHIP:** In case of an insurance loss, such as fire, flood or theft, your registration of ownership will serve as your proof of purchase.
- **FOR YOUR SAFETY:** Registering your product will allow us to contact you in the unlikely event a safety notification is required under the Federal Consumer Safety Act.

Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

⚠ DANGER: Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**.

⚠ WARNING: Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.

⚠ CAUTION: Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.

NOTICE: Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.

⚠ WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

SAVE THESE INSTRUCTIONS

Introduction

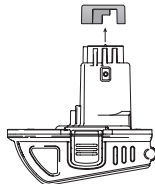
The DCA1820 20V Max* Li-Ion battery adapter for 18V NiCd tools (Fig. 2) is designed to accommodate any DEWALT 20V Max* lithium-ion battery pack and can be used to run compatible 18V NiCd tools. This adapter requires no adjustment and is designed to be as easy as possible to operate. Simply remove the cap provided with the adapter, slide the adapter into the tool handle, then place your battery pack into the bottom of the adapter. Consult the chart at the end of your tool's operator's manual for compatibility of chargers and battery packs.

⚠ WARNING: Refer to the tool's instruction manual for Important Safety Instructions for All Battery Packs and All Battery Chargers.

- Do not use with premium DEWALT batteries in the DC970 or DC759.

NOTE: A cap is provided for use whenever the adapter is out of the tool. Remove cap before placing the adapter into the tool.

⚠ WARNING: Fire hazard. Do not store or carry the adapter with the battery installed so that metal objects can contact exposed battery terminals. For example, do not place adapter with battery installed in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc. without cap. **Transporting the adapter with the battery installed can possibly cause fires if the adapter terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like.** The US Department of Transportation Hazardous Material Regulations (HMR) actually prohibit transporting batteries in commerce or on airplanes in carry-on baggage UNLESS they are properly protected from short circuits. So when transporting individual battery packs, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.



OPERATION

⚠ WARNING: To reduce the risk of serious personal injury, turn tool off and remove the battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

⚠ WARNING: 18V chargers will not charge a 20V Max* li-ion battery pack. Consult the chart at the end of your tool operator's manual for the compatibility of chargers and battery packs.

⚠ WARNING: THE ADAPTER IS NOT COMPATIBLE WITH ALL DEWALT TOOLS. The 20V Max* Li-Ion Battery Pack Adapter for 18V NiCd tools is **NOT COMPATIBLE** with 18V DEWALT radios, 18V DEWALT nailers, DC020 or DC022 Worklights, nor the DCS370 Bandsaw. For the DC500 Vacuum, the DW074 and DW079 Rotary Lasers, the adapter is functional but the tools' battery doors will not fully close.

⚠ WARNING: The battery pack must be removed from the adapter before charging. Do not force or modify the adapter to fit a charger. Consult the chart at the end of your tool's operator's manual for compatibility of chargers and battery packs. Follow all instructions that came with the battery and charger.

INSTALLING AND REMOVING THE BATTERY PACK (FIG. 1)

NOTE: For best results, make sure your battery pack is fully charged.

To install the battery pack into the adapter, align the battery pack with the rails inside the bottom of the adapter and slide it into the adapter until the battery pack is firmly seated. Ensure that it does not disengage. It is recommended to install the battery into the adapter only after the adapter has been installed into the tool.

To remove the battery pack from the adapter, press the battery pack's release button (A) and firmly pull the battery pack out of the adapter. Insert it into the charger as described in the charger section of the tool's instruction manual.

INSTALLING AND REMOVING THE ADAPTER (FIG. 2)

NOTE: For best results, make sure your battery pack is fully charged.

To install the adapter into a compatible tool handle, align the notch inside the tool's handle with the adapter and slide the adapter firmly into the handle until you hear the lock snap into place as shown in Figure 2. Ensure that it does not disengage. It is recommended to remove the battery from the adapter before removing the adapter from the tool handle.

To remove the adapter from the tool, press the adapter's release buttons (B) and firmly pull the adapter out of the tool handle.

FIG. 1

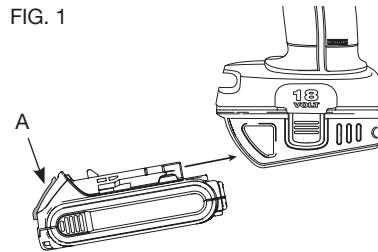


FIG. 2

