

battery packs. Please see the following website for more information regarding battery recycling: dewalt.com/high-energy-battery-info.

IMPORTANT SAFETY INSTRUCTIONS FOR ALL BATTERY CHARGERS

▲ WARNING: Read all safety warnings, instructions, and cautionary markings for the battery charger, battery pack, and product. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- **SAVE THESE INSTRUCTIONS** - This manual contains important safety and operating instructions for DeWALT battery chargers.
- Before using battery charger, read all instructions and cautionary markings on battery charger, battery, and product using the battery.
- To reduce risk of injury, charge only DeWALT DCBPS-series Li-ion batteries. Other types of batteries may burst causing personal injury and damage.
- Do not expose the charger to rain or snow.
- Do not allow water or any liquid to enter charger.
- Pull by the plug rather than the cord when disconnecting the charger. This will reduce the risk of damage to the electric plug and cord.
- Make sure that the cord is located so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.
- Do not use an extension cord or power strip unless it is absolutely necessary. Use of improper extension cord or power strip could result in risk of fire, electric shock or electrocution.
- When operating a charger outdoors, always provide a dry location and use an extension cord or power strip suitable for outdoor use. Use of a device suitable for outdoor use reduces the risk of electric shock.
- When using a power strip, be sure that its current rating is not exceeded by the sum of the individual device's current ratings.
- An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety. The smaller the gauge number of the wire, the heavier the cord and thus the greater its capacity. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The following table shows the correct size to use depending on total length of all extension cords plugged together, and nameplate ampere rating. If in doubt, use the next heavier gauge.

Minimum Gauge for Cord Sets

Volts		Total Length of Cord in Feet (meters)			
120V		25 (7.6)	50 (15.2)	100 (30.5)	150 (45.7)
Ampere Rating		American Wire Gauge			
More Than	Not More Than				
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Recommended	

- Do not place any object on top of the charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat. Place the charger in a position away from any heat source. The charger ventilates through left and right side vents adjacent to the pad printed "DeWALT" logo on the top cover.

- Do not operate the charger with a damaged cord or plug. Have them replaced immediately.
- Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Take it to an authorized service center.
- Do not disassemble the charger; take it to an authorized service center when service or repair is required. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
- The charger is designed to operate on standard 120V household electrical power. Do not attempt to use it on any other voltage. This does not apply to the vehicular charger.
- Foreign materials of a conductive nature, such as, but not limited to, grinding dust, metal chips, steel wool, aluminum foil or any buildup of metallic particles should be kept away from the charger cavities and ventilation slots.
- Always unplug the charger from the power supply when there is no battery pack in the cavity.
- The rated output current for this charger is the maximum charging rate when used with DeWALT battery packs designed to charge at this rate.

Charging a Battery (Fig. B, C, R)

NOTE: To ensure maximum performance and life of Li-ion battery packs, charge the battery pack fully before first use.

1. Plug the charger into an appropriate outlet before inserting battery pack.
2. Insert the battery pack **38** into the charger, making sure the battery pack is fully seated in the charger. The red (charging) light will blink repeatedly indicating that the charging process has started.
3. The Stage 1 charging blink indicator represents the charge process that charges the majority of the battery's capacity. Stage 2 charging blink indicator represents the remainder, or top off charge process, for the battery to reach full capacity.
4. The completion of charge for Stage 1 or Stage 2 will be indicated by the stage's light remaining ON continuously. The battery pack is fully charged when both Stage 1 and Stage 2 charging lights remain ON continuously.
5. To remove the battery pack, press the battery pack release button **39**.

The charger will not charge a faulty battery pack. The charger refusing to light could indicate a problem with the charger or a faulty battery pack. Discontinue use and take both to an authorized service center.

▲ WARNING: Only charge when battery temperature is over 40 °F (4.5 °C) and below 104 °F (40 °C).

Hot/Cold Pack Delay

When the charger detects a battery pack that is too hot or too cold, it automatically starts a Hot/Cold Pack Delay, suspending charging until the battery pack has reached an appropriate temperature. The charger then automatically switches to the pack charging mode. This feature ensures maximum battery pack life.

A cold battery pack may charge at a slower rate than a warm battery pack.

The hot/cold pack delay will be indicated by the left indicator light continuously blinking red and the right indicator light continuously yellow. Once the battery pack has reached an

appropriate temperature, the yellow light will turn OFF and the charger will resume the charging procedure.

fan-cooled Chargers

Your chargers is equipped with an internal fan. The fan will turn on automatically when the battery pack is charging. Never operate the charger if the fan does not operate properly or if ventilation slots are blocked. Do not permit foreign objects to enter the interior of the charger.

Electronic Protection System

POWERSHIFT® tools are designed with an Electronic Protection System that will protect the battery pack against overloading, overheating or deep discharge. The tool will automatically turn off and the battery pack will need to be recharged.

Important Charging Notes

1. Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 65 °F–75 °F (18 °C–24 °C). DO NOT charge when the battery pack is below 40 °F (4.5 °C), or above 104 °F (40 °C). This is important and will prevent serious damage to the battery pack.
2. The charger and battery pack may become warm to the touch while charging. This is a normal condition, and does not indicate a problem. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed or an uninsulated trailer.
3. If the battery pack does not charge properly:
 - a. Check operation of receptacle by plugging in a lamp or other appliance;
 - b. Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights;
 - c. If charging problems persist, take the tool, battery pack and charger to your local service center.
4. You may charge a partially used pack whenever you desire with no adverse effect on the battery pack.

Charger Cleaning Instructions

▲ WARNING: Shock hazard. Disconnect the charger from the AC outlet before cleaning. Dirt and grease may be removed from the exterior of the charger using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions.

Wall Mounting

Some DeWALT chargers are designed to be wall mountable or to sit upright on a table or work surface. If wall mounting, locate the charger within reach of an electrical outlet, and away from a corner or other obstructions which may impede air flow. Mount the charger securely using drywall screws (purchased separately) at least 1" (25.4 mm) long, with a screw head diameter of 0.28–0.35" (7–9 mm), screwed into wood through the mounting holes.

SAVE THESE INSTRUCTIONS FOR FUTURE USE

ASSEMBLY AND ADJUSTMENTS

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

Mounting and Removing an Accessory (Fig. D)

This tool uses threaded core bits and adaptors which thread directly onto the spindle **26**.

1. Choose the appropriate core bit for wet or dry drilling.
2. Follow the core bit manufacturer's recommendations for mounting the accessory. For some smaller core bit sizes, you will require an 1-1/4" –7 female to 5/8"-11 male adaptor to fit the bit onto the spindle. This adaptor is included with the DCD150Z2 60V MAX 3-Speed Core Drill Kit.
3. Hold the spindle using the supplied open-ended wrench **27** and tighten the core bit **28** by rotating clockwise using a customer supplied open-ended wrench **46**.

▲ WARNING: Make sure the entire assembly is tight before starting the operation.

Securing the Core Drill in the Stand (Fig. A1, E–G)

▲ WARNING: Always mount your core drill firmly to prevent movement.

1. Ensure the carriage lock **2** on the left-hand side of the carriage is engaged.
2. Insert the feed handle **4** into the slot **19** on either side of the drill stand's carriage.
3. Rotate the feed handle so the arrow **40** lines up with the unlocked icon **41**.
4. Mount the core drill to the stand by inserting it into the drill holder **5**.
5. To ensure proper engagement, rotate the feed handle so the arrow **40** lines up with the line **42** by the locked icon **43**.

NOTE: High force is required to overcome the detent when locking the core drill into the drill stand.

Mounting the Stand (Fig. H–L)

▲ WARNING: Always make sure the stand is securely fastened on the surface.

The stand can be mounted either vertically (Fig. H) or horizontally (Fig. I) on a surface such as a floor or a wall using an anchor or by vacuum mounting it.

Mounting the Stand with the Recommended Fastening Set (Fig. A1, J1, J2)

A fastening set is required to secure the stand to masonry **24** (Fig. A2) or concrete **23** (Fig. A2) surfaces. We recommend using a 1/2" drop-in anchor **29**, 1/2" threaded rod **30**, 1/2" drop in setting tool, and clamping nut **31** to secure the base of the stand. This fastening set is included with the stand.

1. Locate the stand at the desired position and mark the location of the mounting hole on the wall.
2. Drill a hole at the marked location. We recommend using the DCH293R2DH cordless 1-1/8 in. L-Shape SDS PLUS rotary hammer with a DW5471 5/8" masonry drill bit.
 - a. In concrete and masonry: 5/8" (15.88 mm) diameter by **2"** (50.8 mm) deep.
3. Insert the drop-in anchor **29** into the hole and properly install the anchor using the manufacturer's printed installation instructions (MPII).
4. Twist the threaded rod **30** into the drop-in anchor.
5. Position the stand over the anchor and threaded rod assembly. We recommend positioning the stand to line up with the 12" mark that is labeled on the base of the stand

near the anchor slot.

NOTE: Ensure the battery is not attached to stand at this time.

6. Place the clamping nut **31** over the anchor and tighten down towards the base of the stand to secure.

Mounting the Stand with the Vacuum Pump (Fig. K, L)

A vacuum pump can be used to secure the stand. The vacuum created in the base keeps the stand securely in position.

IMPORTANT: The vacuum pump must produce a vacuum of at least -0.65 bar (green zone) on the vacuum base gauge **3**.

▲ WARNING: This application works only if the stand is mounted to a flat surface (leveled concrete) which is clean and free of debris and swarf. Otherwise, the suction may drop, causing the stand to fall or move.

1. Ensure both pieces of the rubber seal are clean and have no damage.

2. Insert both pieces of the rubber seal **25** in the slots **32** on the underside of the base. Push firmly into the slots.

3. Position the stand.

IMPORTANT: For horizontal vacuum mounting, the stand needs to be secured with a secondary anchor set. Refer to **Mounting the Stand with the Recommended Fastening Set** for instructions on how to properly install the fastening set.

4. Loosen the stabilizer bolts **14** until the ends are above the bottom surface of the base.

5. Connect the hose of the vacuum pump to the connection point **34**.

6. Switch on the vacuum pump. Keep the pump switched on as long as the application requires.

NOTE: The maximum core bit diameter which can be used with vacuum mounting is 6" (162 mm) wet application in concrete.

7. To release the pressure, press the pressure release valve **50**.

Adjusting the Stand (Fig. A1)

1. Read one of the bubble levels to check whether the stand is level.

a. Bubble level **10** for vertical applications.

b. Bubble level **11** for horizontal applications.

2. If adjustment is required, proceed as follows:

3. Turn the stabilizer bolts **14** one by one until the stand is level. Adjust all bolts until each is contacting the surface to be drilled and the stand is leveled and doesn't rock.

Adjusting the Drill Angle (Fig. A1, N–P)

The column can be tilted to facilitate slope drilling applications. The angle drilling scale **7** represents angles up to 45° and can also drill inversely up to -15°.

1. Ensure the battery has been removed and core bit is out of hole.

2. Pull the ratchet locking pin **44** out.

3. Use the ratchet handle for angular coring **17** to set the desired angle, either forwards up to -15° or backwards up to 45°.

4. Push the ratchet locking pin in to lock the angled position in place.

Fitting and Removing the Feed Handle (Fig. A1, Q)

The quick-release feed handle **4** can be mounted in one simple operation both to the left and the right of the stand.

1. Align the male square drive in the feed handle with the female square drive in the slot **20**.

2. Push the handle onto the shaft.

To remove the feed handle from the stand, pull back on the quick release **37** and pull the feed handle out.

Adjusting the Carriage (Fig. A1, S)

After repeated use, the carriage may become loose. To adjust the play, proceed as follows:

1. Tighten the driving cap **22** as necessary.

2. Check the up and down movement of the carriage.

Adjusting the Friction (Fig. A1)

▲ CAUTION: Be careful to not decrease the friction too quickly or the carriage may fall suddenly. DO NOT adjust while drilling.

The friction knob **12** is used to increase or decrease the friction of the carriage mechanism to the mast.

1. Turn the knob clockwise to increase the friction.

2. Turn the knob counterclockwise to decrease the friction.

Installing and Removing the Wheel Kit (Fig. M)

To Install the Wheels

1. Line the bolts **33** in the wheel kit up with the slots **34** on the base of the stand.

2. Use a #10 Allen wrench to twist the bolts of the wheel kit **9** clockwise to desired torque.

To Remove the Wheels

1. Use a #10 Allen wrench to twist the bolts of the wheel kit counterclockwise until loose.

2. Once loose, lift up and off of the base of the stand.

Prior to Operation

- Mark the spot where the hole is to be drilled.
- Mount the appropriate accessory.
- Make sure the stand is fastened securely.
- Check the friction on the carriage.

OPERATION

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

Installing and Removing the Battery Pack (Fig. R)

▲ WARNING: Ensure the tool/appliance is in the off position before inserting the battery pack.

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

1. To install the battery pack **38** into the stand, align the battery pack with the rails and slide it in until the battery pack is firmly seated in the stand and ensure that it does not disengage.

2. To remove the battery pack from the stand, press the battery pack release button **39** and firmly pull the battery pack out of the stand. Insert it into the charger as described in the charger section of this manual.

Unlocking and Locking the Carriage (Fig. A1, S)

▲ WARNING: Always lock the carriage when the assembly is not in use.

▲ WARNING: Make sure the feed handle is installed and is held securely.

The carriage lock knob **2** allows the carriage **1** of the stand to lock into one position.

1. To unlock the carriage **1** pull out the carriage lock knob.
2. Rotate the feed handle **4** until the locking shaft passes the hole **45** in the column and jumps into place.
3. Push the carriage lock knob in to lock the carriage in place.

General Tips for Drilling with Diamond Core Bits (Fig. A)

▲ WARNING: Follow the core bit or manufacturer's recommendations for using the accessory.

NOTE: The use of a centering bit is not necessary while drilling with a stand.

- Take hold of the feed handle.
- Unlock the carriage.
- Switch on the drill motor in continuous mode.
- Slowly feed the accessory into the workpiece using the feed handle.
- At the start of the cut, apply light pressure to allow the accessory to perform the initial groove.
- Continue applying sufficient pressure to achieve a smooth progressive cut. Do not force. Release when heavy load indicator is activated.
- Take extra care when the accessory is about to break through the surface to prevent splintering.
- Always switch off the core drill when work is finished and before removing the battery.
- After use move the carriage upwards until the carriage locks into place. Refer to **Unlocking and Locking the Carriage**.

Transporting (Fig. A1)

▲ WARNING: Always transport the stand with the carriage locked.

▲ WARNING: Do not transport the stand with a battery installed.

The removable wheels **9** have been provided to facilitate transportation.

MAINTENANCE

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

Your DEWALT power tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

Cleaning (Fig. A)

▲ WARNING: Blow dirt and dust out of all air vents with clean, dry air at least once a week. To minimize the risk of eye injury, always wear ANSI Z87.1 approved eye protection when performing this procedure.

▲ WARNING: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the plastic materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

- Clear the gear of ratchet handle **4** using a soft brush or dry cloth.
- The cover of vacuum meter **3** should be clean to see the vacuum gauge pointer.

Clearing the Feed Travel (Fig. T)

The feed travel should be cleared periodically to ensure smooth operation.

1. Raise the carriage **1** to the highest position possible.
2. Clear the gear rack **36** using a soft brush or dry cloth.

Accessories

▲ WARNING: Since accessories, other than those offered by DEWALT, have not been tested with this product, use of such accessories with this product could be hazardous. To reduce the risk of injury, only DEWALT-recommended accessories should be used with this product.

Recommended accessories for use with your product are available at extra cost from your local dealer or authorized service center. If you need assistance in locating any accessory, please contact DEWALT. Call **1-800-4-DEWALT (1-800-433-9258)** or visit our website: **www.dewalt.com**.

DEWALT Tool Connect™ Tag Ready (Fig. U)

Optional Accessory (Purchased separately)

▲ WARNING: Read instruction manual for the DEWALT Tool Connect™ Tag.

▲ WARNING: Remove battery from tool before installing the DEWALT Tool Connect™ Tag.

▲ WARNING: When installing or replacing the DEWALT Tool Connect™ Tag, use only the screws provided. Be sure to securely tighten the screws.

Your tool comes with mounting holes **47** and fasteners **48** for installing a DEWALT Tool Connect™ Tag **49**. You will need a cross head bit tip to install the tag. Screw torque should be between 0.8 and 1.2 Nm (7.1 to 10.6 in-lbs). The DEWALT Tool Connect™ Tag is designed for tracking and locating professional power tools, equipment, machines, and other assets using the DEWALT Site Manager app**. For proper installation and onboarding of the DEWALT Tool Connect™ Tag, refer to the DEWALT Tool Connect™ Tag manual.

To learn more, visit: **www.DEWALT.com/en-us/jobsite-solutions/tool-connect**.

**The DEWALT Site Manager app is governed by separate terms and conditions available for viewing through the mobile or web application. Additional subscription charges and third-party data charges may apply.

Repairs

The charger and batteries are not serviceable. There are no serviceable parts inside the charger or battery pack.

▲ WARNING: To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (including brush inspection and replacement, when applicable) should be performed by a factory service center or an authorized service center. Always use identical replacement parts.

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.
- Register online at www.dewalt.com/account-login.

Three-Year Limited Warranty

For warranty terms, go to

www.dewalt.com/support/warranty.

To request a written copy of the warranty terms, contact: Customer Service at DeWALT Industrial Tool Co., 701 East Joppa Road, Towson, MD 21286 or call **1-800-4-DeWALT (1-800-433-9258)**.

LATIN AMERICA: This warranty does not apply to products sold in Latin America. For products sold in Latin America, see country-specific warranty information contained in the packaging, call the local company or see website for warranty information.

FREE WARNING LABEL REPLACEMENT: If your warning labels become illegible or are missing, call **1-800-4-DeWALT (1-800-433-9258)** for a free replacement.

Technical Data

Voltage	V	60*
Max. water pressure	bar	3
Vacuum pump	PSI	-10.8
Weight	lbs (kg)	40.0 (18.2)

Troubleshooting

If your drill stand seems not to operate properly, follow the instructions below. If this does not solve the problem, please contact your repair agent.

Problem	Solution
Loose carriage	1. Use a #8 Allen wrench to tighten the carriage to the mast in the slot on the right-hand side.
Core bit stuck when using the stand	1. Remove the battery from the core drill. 2. Release the core drill from the stand by opening the locking mechanism. 3. Disengage the core drill from the stand by moving the elevation portion down. 4. Remove the stand from the area. 5. Use wrenches to release the spindle from the core bit. 6. Turn the spindle as long as it is disconnected from the core bit. 7. Place the core drill and the battery in a secure dry place. 8. Remove the core bit from hole.
Vacuum function doesn't work	1. Loosen the stabilizer bolts until the ends are above the bottom surface of the base. 2. Stand on the base or apply a pressure to the base.

**Compatible battery packs and chargers / Blocs-piles et chargeurs compatibles /
Baterías y cargadores compatibles**

POWERSHIFT®	Battery Packs	
	Blocs-piles	DCBP50554
	Baterías	
	Chargers	
	Chargeurs	DCBPSC0550
	Cargadores	

FLEXVOLT®	Battery Packs	
	Blocs-piles	DCB606, DCB609, DCB609G, DCB612, DCB615
	Baterías	
	Chargers	DCB094, DCB102, DCB103, DCB104, DCB107, DCB112, DCB113, DCB115, DCB118, DCB132,
	Chargeurs	DCB1102, DCB1104, DCB1106, DCB1112
	Cargadores	

The DCPS151 POWERSHIFT® 6.375IN core drill stand is compatible with the mentioned FLEXVOLT® batteries when those batteries are put into the DCAFPVS FLEXVOLT® Adaptor.

Le support de carottage DCPS151 POWERSHIFT® 6.375IN est compatible avec les batteries FLEXVOLT® mentionnées lorsque ces batteries sont placées dans l'adaptateur DCAFPVS FLEXVOLT®.

El soporte de perforación hueca DCPS151 POWERSHIFT® 6.375IN es compatible con las baterías FLEXVOLT® mencionadas cuando esas baterías se colocan en el adaptador DCAFPVS FLEXVOLT®.

- * Maximum initial battery voltage (measured without a workload) is 60 volts. Nominal voltage is 54.
- * La tension initiale maximum du bloc-piles (mesurée à vide) est de 60 volts. La tension nominale est de 54.
- * El máximo voltaje inicial de la batería (medido sin carga de trabajo) es 60 voltios. El voltaje nominal es de 54.

- ⚠ **WARNING:** Use of any other battery packs may create a risk of injury and fire.
- ⚠ **AVERTISSEMENT :** utiliser d'autres blocs-piles peut créer un risque de blessure ou d'incendie.
- ⚠ **ADVERTENCIA:** El uso de cualquier otro paquete de batería puede crear un riesgo de lesiones e incendio.

NOTE: DO NOT charge when the battery pack is below 40 ° F (4.5 ° C) or above 104 ° F (40 ° C). Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 104 ° F (40 ° C).

REMARQUE : NE PAS charger lorsque le bloc-piles est en dessous de 4,5 ° C (40 ° F) ou au-dessus de 40 ° C (104 ° F). Ne pas entreposer ou utiliser l'outil et le bloc-piles dans des endroits où la température peut atteindre ou excéder 40 ° C (104 ° F).

NOTA: NO cargue cuando el paquete de batería esté debajo de 4,5 ° C (40 ° F), o arriba de 40 ° C (104 ° F). No almacene ni use la herramienta y el paquete de baterías en lugares donde la temperatura pueda alcanzar o exceder los 40 ° C (104 ° F).

The following are trademarks for one or more DEWALT power tools: the yellow and black color scheme, the “D” shaped air intake grill, the array of pyramids on the handgrip, the kit box configuration, and the array of lozenge-shaped humps on the surface of the tool.