

DEWALT

DC545, DC546, DC547 Heavy-Duty 18V Cordless Adhesive Gun

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.

CAUTION: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

WARNING: To reduce the risk of injury, read the instruction manual.

General Power Tool Safety Warnings

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

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) WORK AREA SAFETY

- Stay alert, watch what you are doing and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply. Use of a GFCI reduces the risk of electric shock.

3) PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4) POWER TOOL USE AND CARE

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories and tool bits etc., in accordance with these instructions taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5) BATTERY TOOL USE AND CARE

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery, avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

6) SERVICE

- Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Additional Specific Safety Instructions for Adhesive Guns

- Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will also make exposed metal parts of the tool "live" and shock the operator.
- Keep hands out of the plunger and plunger rod area of the caulk/adhesive gun. Fingers can be crushed between the tube holder and the plunger.
- When operating the caulk/adhesive gun overhead, do not have plunger rod in the path of your eyes or head. Plunger rod may slip back in direction of user. Always wear eye protection when using the caulk/adhesive gun.
- Always work in properly ventilated area and wear appropriate respiratory protection if necessary. Fumes from some caulks and adhesives can be noxious.
- Turn unit off and disconnect battery pack before installing and removing accessories, before adjusting or when making repairs. An accidental start-up can cause injury.
- Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may be hazardous when used on another tool. The use of improper accessories may cause risk of injury to persons.
- Lock trigger in the OFF position when not in use to avoid inadvertent release of material.
- Take care not to get caulk or adhesive on battery contact points.
- ALWAYS read and follow all manufacturer's instructions regarding caulk or adhesive. Failure to do so may result in personal injury.

▲WARNING: ALWAYS USE SAFETY GLASSES. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if cutting operation is dusty. ALWAYS wear certified safety equipment:

- ANSI Z87.1 eye protection (CAN/CSA Z94.3)
- ANSI S12.6 (S3.19) hearing protection
- NIOSH/OSHA/MSHA respiratory protection.

▲CAUTION: When not in use, place tool on its side on a stable surface where it will not cause a tripping or falling hazard. Some tools with large battery packs will stand upright on the battery pack but may be easily knocked over.

- The label on your tool may include the following symbols. The symbols and their definitions are as follows:

V.....volts	A.....amperes
Hz.....hertz	W.....watts
min.....minutes	~.....alternating current
==.....direct current	≈.....alternating or direct current
Ⓛ.....Class I Construction (grounded)	n _ono load speed
Ⓜ.....Class II Construction (double insulated)	Ⓧ.....earthing terminal
.../min.....per minute	▲.....safety alert symbol
RPM.....revolutions per minute	BPM.....beats per minute

Important Safety Instructions for All Battery Packs

When ordering replacement battery packs, be sure to include catalog number and voltage. Consult the chart at the end of this manual for compatibility of chargers and battery packs.

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below. Then follow charging procedures outlined.

READ ALL INSTRUCTIONS

- Do not charge or use battery in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Inserting or removing the battery from the charger may ignite the dust or fumes.
- NEVER force battery pack into charger. DO NOT modify battery pack in any way to fit into a non-compatible charger as battery pack may rupture causing serious personal injury. Consult the chart at the end of this manual for compatibility of batteries and chargers.
- Charge the battery packs only in DEWALT chargers.
- DO NOT splash or immerse in water or other liquids.
- Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 105°F (40°C) (such as outside sheds or metal buildings in summer).

▲DANGER: Electrocution hazard. Never attempt to open the battery pack for any reason. If battery pack case is cracked or damaged, do not insert into charger. Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (i.e., pierced with a nail, hit with a hammer, stepped on). Electric shock or electrocution may result. Damaged battery packs should be returned to service center for recycling.

NOTE: Battery storage and carrying caps are provided for use whenever the battery is out of the tool or charger. Remove cap before placing battery in charger or tool.

▲WARNING: Fire hazard. Do not store or carry battery so that metal objects can contact exposed battery terminals. For example, do not place battery in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc. without battery cap. **Transporting batteries can possibly cause fires if the battery 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 (i.e., packed in suitcases and carry-on luggage) UNLESS they are properly protected from short circuits. So when transporting individual batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

SPECIFIC SAFETY INSTRUCTIONS FOR NICKEL CADMIUM (NiCd) OR NICKEL METAL HYDRIDE (NiMH)

- Do not incinerate the battery pack even if it is severely damaged or is completely worn out. The battery pack can explode in a fire.
- A small leakage of liquid from the battery pack cells may occur under extreme usage or temperature conditions. This does not indicate a failure.

However, if the outer seal is broken:

- and the battery liquid gets on your skin, immediately wash with soap and water for several minutes.
- and the battery liquid gets into your eyes, flush them with clean water for a minimum of 10 minutes and seek immediate medical attention. (**Medical note:** The liquid is 25-35% solution of potassium hydroxide.)

SPECIFIC SAFETY INSTRUCTIONS FOR LITHIUM ION (LI-ION)

- Do not incinerate the battery pack even if it is severely damaged or is completely worn out. The battery pack can explode in a fire. Toxic fumes and materials are created when lithium ion battery packs are burned.
- If battery contents come into contact with the skin, immediately wash area with mild soap and water. If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.
- Contents of opened battery cells may cause respiratory irritation. Provide fresh air. If symptoms persists, seek medical attention.

▲WARNING: Burn hazard. Battery liquid may be flammable if exposed to spark or flame.

The RBRC™ Seal

The RBRC™ (Rechargeable Battery Recycling Corporation) Seal on the nickel cadmium, nickel metal hydride or lithium ion batteries (or battery packs) indicate that the costs to recycle these batteries (or battery packs) at the end of their useful life have already been paid by DEWALT. In some areas, it is illegal to place spent nickel cadmium, nickel metal hydride or lithium ion batteries in the trash or municipal solid waste stream and the RBRC program provides an environmentally conscious alternative.

RBRC™ in cooperation with DEWALT and other battery users, has established programs in the United States and Canada to facilitate the collection of spent nickel cadmium, nickel metal hydride or lithium ion batteries. Help protect our environment and conserve natural resources by returning the spent nickel cadmium and nickel cadmium, nickel metal hydride or lithium ion batteries to an authorized DEWALT service center or to your local retailer for recycling. You may also contact your local recycling center for information on where to drop off the spent battery. RBRC™ is a registered trademark of the Rechargeable Battery Recycling Corporation.

Important Safety Instructions for All Battery Chargers

SAVE THESE INSTRUCTIONS: This manual contains important safety and operating instructions for battery chargers.

- Before using charger, read all instructions and cautionary markings on charger, battery pack, and product using battery pack.
- ▲DANGER:** Electrocution hazard. 120 volts are present at charging terminals. Do not probe with conductive objects. Electric shock or electrocution may result.
- ▲WARNING:** Shock hazard. Do not allow any liquid to get inside charger. Electric shock may result.
- ▲CAUTION:** Burn hazard. To reduce the risk of injury, charge only DEWALT rechargeable batteries. Other types of batteries may burst causing personal injury and damage.
- ▲CAUTION:** Under certain conditions, with the charger plugged in to the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.
- DO NOT attempt to charge the battery pack with any chargers other than the ones in this manual. The charger and battery pack are specifically designed to work together.
- These chargers are not intended for any uses other than charging DEWALT rechargeable batteries. Any other uses may result in risk of fire, electric shock or electrocution.
- Do not expose charger to rain or snow.
- Pull by plug rather than cord when disconnecting charger. This will reduce risk of damage to electric plug and cord.
- Make sure that 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 unless it is absolutely necessary. Use of improper extension cord could result in risk of fire, electric shock, or electrocution.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety. The smaller the gauge number of the wire, the greater the capacity of the cable, that is 16 gauge has more capacity than 18 gauge. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

TO REMOVE CARTRIDGE HOLDER (FIG. 1, 6)

1. Remove the plunger screw (O) and cartridge plunger (P) from inside of cartridge holder (J).
2. Press and hold the plunger rod release trigger (A) and pull plunger rod handle (F) back to access the barrel nut (Q). Release plunger rod release trigger.
3. With a 1/2" square drive tool, turn the barrel nut (Q) counterclockwise to remove.
4. The rear end washer (R), spacer (S) and cartridge holder (J) are now easily removed.

For installation of the cartridge holder, reverse the above procedure.

TO INSTALL SAUSAGE HOLDER (FIG. 1, 7)

1. Position the rear cap spacer (T) and the rear end cap (U) [fine threads] onto nose of the tool.
- NOTE:** The side of the rear cap spacer (T) with the double collar faces away from the tool.
2. Place the rear end washer (R) on top of the rear end cap (U) and thread barrel nut (Q) into the nose of the tool. Tighten and secure the barrel nut with a 1/2" square drive tool. This caulk gun is designed to allow the rear end cap to rotate freely.
3. Press and hold the plunger rod release trigger and push the plunger rod (G) completely forward. Release the trigger.
4. Thread the sausage holder (L) onto the rear end cap (U).
5. Assemble the barrel plunger (V) onto the plunger rod (G) and thread the plunger screw (W) into the plunger rod. This will secure the barrel plunger (V) in place. Tighten securely.

NOTE: Prior to assembly of the sausage holder (L), ensure the o-ring (X) has been fully lubricated. If not, use the lubricant included to completely lubricate the o-ring prior to assembly. Periodic lubrication of the plunger o-ring (X) may be needed during the life of the caulk gun. To maintain smooth operation while dispensing material, apply a light coating of the provided lubricant to the outside surface of the o-ring.

IMPORTANT:

- Under normal use, the lubricant included with the caulk gun is not expected to cause eye irritation. Eye irritation may occur under direct contact or in poorly ventilated areas.
- Short term skin contact with the lubricant is not expected to cause irritation. Direct, repeated or prolonged exposure may result in skin irritation and redness.

6. Press and hold the plunger rod release trigger and pull the plunger rod handle back before loading material. Pulling the barrel plunger back will lubricate the inside of the sausage holder (L). Initial resistance of the plunger rod is expected until the barrel plunger has been pulled completely back.
7. Place the nozzle (N) onto the sausage holder (L) and thread the nozzle cap (M) over the nozzle.

To remove the sausage holder, reverse the above procedure.

NOTE: The barrel nut (Q) may occasionally need to be retighten to ensure the tool functions properly. If the barrel nut in the carrier becomes loose, use a 1/2" square drive tool to retighten.

MAINTENANCE

⚠ WARNING: To reduce the risk of personal injury, turn unit off and disconnect battery pack before installing and removing accessories, before adjusting or when making repairs. To prevent inadvertent operation, lock the trigger switch when the tool is not in use and when storing the tool.

Cleaning

CAUTION: To reduce the risk of damaging the tool, material left in the cartridge/sausage holder may dry if left unattended. Do not attempt to dispense material under this condition. Follow the manufacturer's recommendations when using caulk or adhesive material to reduce the risk of property damage.

To clean the cartridge holder, follow manufacturer's recommendations for cleaning material from nozzle, barrel plunger and plunger rod.

To clean the sausage holder, unscrew nozzle cap (M) and sausage holder (L) and remove from tool. Follow the manufacturer's recommendations for cleaning material from nozzle, barrel plunger, plunger rod and sausage holder.

NOTE: The barrel nut (Q) may occasionally need to be retighten to ensure the tool functions properly. If the barrel nut in the carrier becomes loose, use a 1/2" square drive tool to retighten.

⚠ 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.

⚠ WARNING: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the 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.

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.

Battery		Chargers/Charge Time – Chargeurs/Durée de charge (Minutes) – Cargadores de baterías/Tiempo de carga (Minutos)															
		120 Volts								12 Volts							
Cat Number	Voltage	DW9106	DW9118	DW9107	DW9108	DW9116	DW9216	DW9117	DW9111	DC011	DC9000	DC9320	DC9310	DW0249	DW9109	DC9319	
DC9360	36	X	X	X	X	X	X	X	X	X	60	X	X	X	X	X	
DC9280	28	X	X	X	X	X	X	X	X	X	60	X	X	X	X	X	
DW0242	24	X	X	X	X	X	X	X	X	X	X	X	X	60	X	X	
DC9096	18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DC9099	18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DC9180	18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DC9180	18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DW9096	18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DW9098	18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DW9099	18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DC9091	14.4	60	90	45	45	45	45	45	45	45	45	45	45	45	45	45	
DC9094	14.4	60	90	45	45	45	45	45	45	45	45	45	45	45	45	45	
DW9091	14.4	60	90	45	45	45	45	45	45	45	45	45	45	45	45	45	
DW9094	14.4	45	60	30	30	30	30	30	30	30	30	30	30	30	30	30	
DC9071	12	90	115	60	60	60	60	60	60	60	60	60	60	60	60	60	
DW9050	12	40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DW9071	12	60	90	45	45	45	45	45	45	45	45	45	45	45	45	45	
DW9072	12	45	60	30	30	30	30	30	30	30	30	30	30	30	30	30	
DW9048	9.6	40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DW9061	9.6	60	90	45	45	45	45	45	45	45	45	45	45	45	45	45	
DW9062	9.6	45	60	30	30	30	30	30	30	30	30	30	30	30	30	30	
DW9057	7.2	45	60	30	30	30	30	30	30	30	30	30	30	30	30	30	

X Indicates that the battery pack is not compatible with that specific charger.

All charge times are approximate. Actual charge time may vary. Read the instruction manual for more specific information.