

DEWALT®

XR®

English (*original instructions*)

3

简体中文

10

Fig. A
图 A

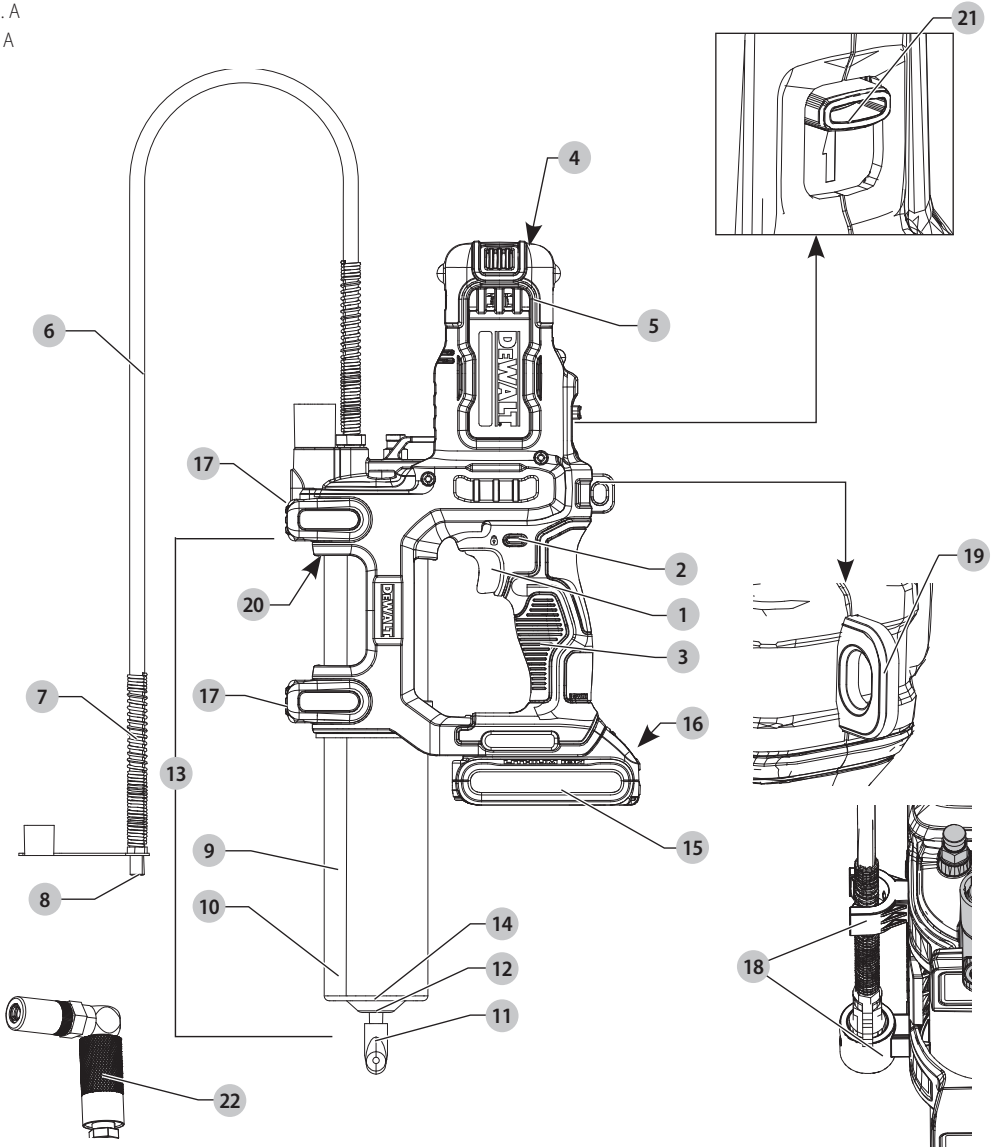


Fig. B
图 B

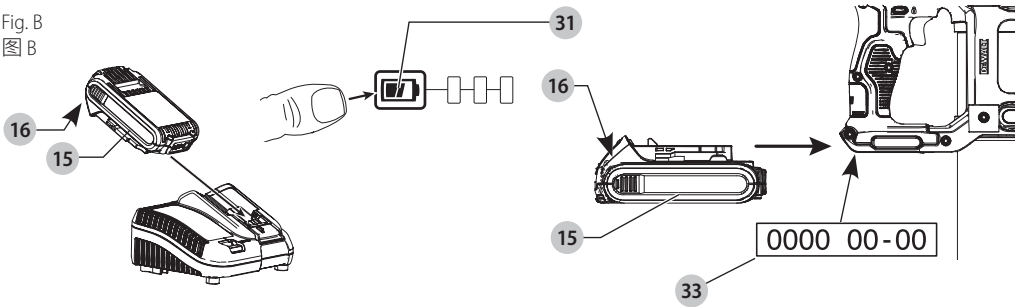


Fig. C
图 C

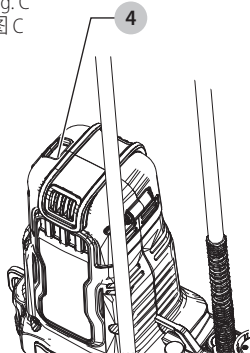


Fig. D
图 D

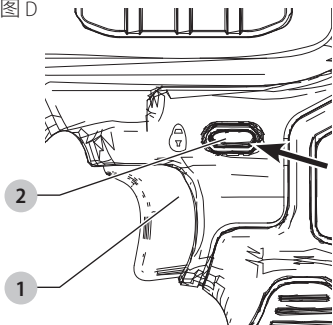


Fig. E
图 E

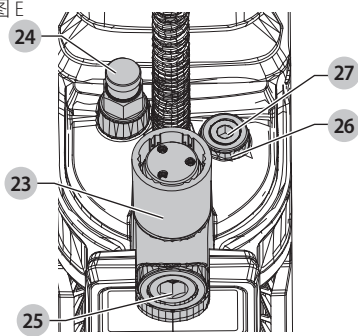


Fig. F
图 F

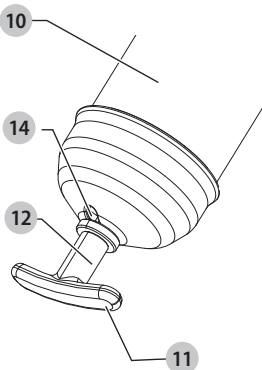


Fig. G
图 G

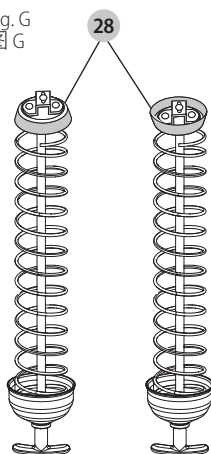


Fig. H
图 H

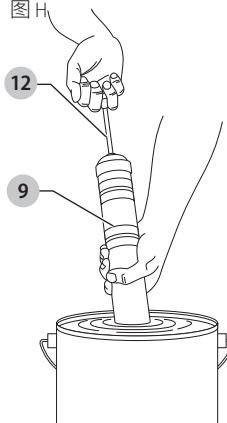


Fig. I
图 I

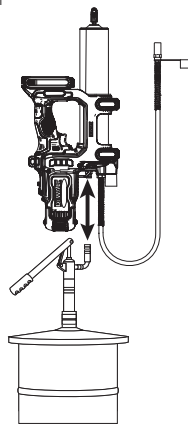


Fig. J
图 J

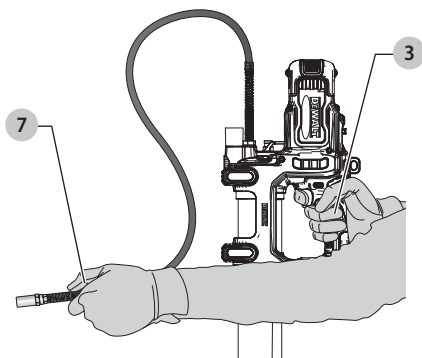


Fig. K
图 K

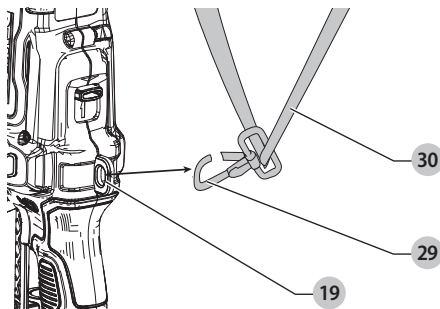
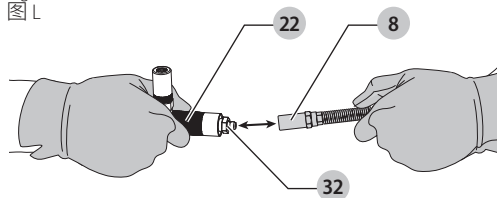


Fig. L
图 L



CORDLESS GREASE GUN

DCGG581

Congratulations!

You have chosen a DEWALT tool. Years of experience, thorough product development and innovation make DEWALT one of the most reliable partners for professional power tool users.

Technical Data

		DCGG581	
Voltage	V _{DC}	18(20 Max)	
Battery Type		Li-Ion	
Maximum output pressure	psi	Speed 1	10,000
		Speed 2	5,000
Maximum flow rate	mL/min	Speed 1	85
		Speed 2	255
Grease type		Up to NLGI #2	
Grease capacity			
Bulk	g	450	
Cartridge size	g	400	
Hose length	cm	120	
Weight (without battery pack)	kg	3.45	



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

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**.



Denotes risk of electric shock.



Denotes risk of fire.

GENERAL POWER TOOL SAFETY WARNINGS



WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below 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.

Work Area Safety

- Keep work area clean 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.

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.

- d) **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.
- e) **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.
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.
- c) **Disconnect the plug from the power source and/ or remove the battery pack, if detachable, 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.
- d) **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.
- e) **Maintain power tools and accessories. 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.

Personal Safety

- a) **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.
- b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **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.
- d) **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.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g) **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.
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.
- g) **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.
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

Battery Tool Use and Care

- a) **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.
- b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **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.
- d) **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.
- e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging

Power Tool Use and Care

- a) **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.
- b) **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.

improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

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.
- Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorised service providers.

Additional Specific Safety Rules for Grease Guns

- Parts of the tool or the hose assembly can break or rupture due to high pressure. Risk of serious injury may occur.** Before using, always inspect the tool and hose assembly for damage or wear. Never use if any part of the tool is damaged or worn.
- Use only DEWALT-approved flexible hoses.** Hold the hose only by the flexible hose safety spring guard to avoid personal serious injury.
- If the hose kinks or is damaged, a rupture may occur which could cause serious injury.** Replace the hose at the first sign of wear, kink or damage.
- Only use the grease recommended in this manual (refer to Specifications).**
- To reduce the risk of serious personal injury, do not use the grease gun around or on moving parts, mechanisms or running equipment.**
- Air vents often cover moving parts and should be avoided.** Loose clothes, jewelry or long hair can be caught in moving parts.



WARNING: Risk of injection or severe injury. Rupture of components can inject grease into skin or eyes, causing serious injury or infection. **Do not treat as a simple cut. Seek immediate medical attention.**



WARNING: Output can be at high pressure. Do not direct discharge at yourself or others.



WARNING: The grease gun may generate high pressure—up to 10,000 PSI (690 bar). Always wear gloves during operation. Keep hands clear of the exposed rubber portion of the hose.



WARNING: Grease and lubricants may be flammable. Do not expose to flame or heat source. Follow all warnings and instructions from grease and lubricant manufacturer.

Residual Risks

In spite of the application of the relevant safety regulations and the implementation of safety devices, certain residual risks cannot be avoided. These are:

- Impairment of hearing.
- Risk of personal injury due to flying particles.
- Risk of burns due to accessories becoming hot during operation.
- Risk of personal injury due to prolonged use.

Battery Type

The following tools operate on a 18(20 Max) volt battery pack: DCGG581.

Refer to **Technical Data** for more battery information.

Package Contents

The package contains:

- Grease gun
- Angle adapter coupler (B1 does not contain this part)
- Charger
 - Li-Ion battery pack (not included with "N" or "NT" models)
 - Instruction manual

NOTE: Battery packs, chargers and kitboxes are not included with N models. Battery packs and chargers are not included with NT models. B models include Bluetooth® battery packs.

NOTE: The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth®, SIG, Inc. and any use of such marks by DEWALT is under license. Other trademarks and trade names are those of their respective owners.

- Check for damage to the tool, parts or accessories which may have occurred during transport.
- Take the time to thoroughly read and understand this manual prior to operation.

Markings on Tool

The following pictograms are shown on the tool:



Read instruction manual before use.



Visible radiation. Do not stare into light.

Date Code Position (Fig. B)

The production date code **33** consists of a 4-digit year followed by a 2-digit week and is extended by a 2-digit factory code.

Description (Fig. A, E)



WARNING: Never modify the power tool or any part of it. Damage or personal injury could result.

Fig. A

- Variable speed trigger switch
- Lock-off button
- Handle
- LED worklight
- Motor housing
- Flexible hose
- Flexible hose safety spring guard
- Flexible hose coupler
- Grease tube
- Grease tube cap
- Grease tube handle
- Grease tube rod
- Grease tube assembly
- Retaining slot

- 15 Battery
- 16 Battery release button
- 17 Rubber feet
- 18 Hose clip
- 19 Shoulder strap mount
- 20 Grease tube cavity
- 21 Speed selector
- 22 Angle adapter coupler

Fig. E

- 23 Pressure relief valve
- 24 Purge valve
- 25 Check valve
- 26 1/8" NPT fill port
- 27 1/8" NPT fill port plug

Intended Use

Your DCGG581 grease gun is designed for professionally dispensing lubricant.


Do not use under wet conditions or in the presence of flammable liquids or gases.

This grease gun is a professional power tool.

Do not let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

- Young children and the infirm. This appliance is not intended for use by young children or infirm persons without supervision.
- This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.

ASSEMBLY AND ADJUSTMENTS

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

 **WARNING:** Use only DEWALT batteries and chargers.

Inserting and Removing the Battery Pack from the Tool (Fig. B)

NOTE: Make sure your battery pack 15 is fully charged.

To Install the Battery Pack into the Tool Handle

1. Align the battery pack with the rails inside the tool's handle (Fig. B).
2. Slide it into the handle until the battery pack is firmly seated in the tool and ensure that you hear the lock snap into place.

To Remove the Battery Pack from the Tool

1. Press the battery release button 16 and firmly pull the battery pack out of the tool handle.

2. Insert battery pack into the charger as described in the charger section of this manual.

Fuel Gauge Battery Packs (Fig. B)

Some DEWALT battery packs include a fuel gauge, which consists of three green LED lights that indicate the level of charge remaining in the battery pack.


To actuate the fuel gauge, press and hold the fuel gauge button 31. A combination of the three green LED lights will illuminate, designating the level of charge left. When the level of charge in the battery is below the usable limit, the fuel gauge will not illuminate and the battery will need to be recharged.

NOTE: The fuel gauge is only an indication of the charge left on the battery pack. It does not indicate tool functionality and is subject to variation based on product components, temperature and end-user application.

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, accessories or when filling with grease. An accidental start-up can cause injury.



LED Worklight (Fig. C, D)

 **CAUTION:** Do not stare into the LED. Serious eye injury could result.

When the tool is activated by pressing the trigger switch 1, the LED worklight 4 will automatically turn on. The LED worklight will turn off 60 seconds after the trigger switch has been released.

Variable Speed Trigger Switch (Fig. A, D)**Lock-Off Button and Trigger Switch**

Your grease gun is equipped with a lock-off button 2.

The lock-off button 2 has a locked  or unlocked  icon at either end to indicate if the trigger switch is locked or unlocked.

1. To lock the trigger switch 1, press the lock-off button from the locked  icon end as shown in Fig. D.


NOTE: Always lock the trigger switch 1 when carrying or storing the tool to eliminate unintentional starting.

2. To unlock the trigger switch 1, press the lock-off button 2 from the unlocked  icon end as shown in Fig. D.

3. Squeeze the trigger switch 1 to turn the motor ON.

4. Releasing the trigger switch turns the motor OFF.

NOTE: The variable speed trigger switch will give you added versatility. The further the trigger is depressed the higher the output of grease.

 **WARNING:** This tool has no provision to lock the switch in the ON position, and should never be locked ON by any other means.

Pressure Relief Valve (Fig. E)

The pressure relief valve 23 is set at the factory to relieve pressure above 10,000 PSI (690 bar). Grease coming out of the pressure relief valve indicates a clog in the fitting,

line or bearing. Any of these conditions must be corrected before proceeding.



WARNING: The grease gun may generate high pressure. Do not remove or tamper with the pressure relief valve. Serious injury may occur.

Installing a Grease Cartridge (Fig. A, F)

1. Pull the grease tube handle **11** out as far as it will go, then secure the grease tube rod **12** into the retaining slot **14** by moving the rod to the side. Ensure the rod is placed securely in the slot to prevent it from disengaging.
2. Unscrew the grease tube assembly **13** from the grease gun.
3. Remove the plastic cap from the grease cartridge, then insert the cartridge, open end first, into the grease tube **9**.
4. Remove the seal from the other end of the grease cartridge.
5. Thread the grease tube assembly **13** back into the grease gun and screw it in securely.
6. Release the grease tube rod **12** from the retaining slot **14** and slowly press it back into the tube.
7. Use the purge valve (**24**, Fig. E) to bleed off any air that may be trapped in the cartridge. Refer to **Purging Air Pockets**.

IMPORTANT: The grease gun will lose its prime if there are air pockets in the lubricant.

Removing Empty Grease Cartridge (Fig. A, F)

1. Pull the grease tube handle **11** out as far as it will go, then secure the grease tube rod **12** into the retaining slot **14** by moving the rod to the side. Ensure the rod is placed securely in the slot to prevent it from disengaging.
2. Unscrew the grease tube assembly **13** from the grease gun and remove.
3. Gently release the grease tube handle **11** to expel the empty cartridge from the grease tube.

Filling the Grease Gun from a Bulk Container (Fig. A, F, G, H, I)

Preparing the Grease Gun for Suction and Filler Pump Filling (Fig. A, G, H, I)

NOTE: Be sure the grease gun is empty of grease before beginning this process.

1. Unscrew the grease tube **9** from the grease tube assembly **13**.
2. Push grease tube handle **11** toward the motor housing **5**, the rubber seal **28** comes out from tube.
3. Using your thumb and forefinger, flip the rubber seal **28** from the rear to the front. Refer to Fig. G.

NOTE: The seal resembles a cup, which should open toward the motor housing **5**, (Fig. A) when prepared for suction and filler pump filling.

4. Pull grease tube handle **11** and let rubber seal **28** go back into grease tube **9**.

Suction Filling from a Bulk Container (Fig. A, F, H–I)

1. Put the open end of the grease tube assembly into the bulk lubricant.
2. Slowly pull back the grease tube handle **11** to suction the lubricant into the grease gun.

NOTE: Be sure to keep the open end of the grease tube assembly far enough into the lubricant to prevent air pockets in the grease tube.

3. When the grease tube rod **12** is fully extended, secure it into the retaining slot **14**.
4. Remove the grease gun tube assembly from the bulk lubricant and wipe off excess grease.
5. Screw the grease gun tube assembly **13** back into the grease gun.
6. Release the grease tube rod **12** from the retaining slot **14** and slowly press it back into the tube.
7. Use the purge valve (**24**, Fig. E) to bleed off any air that may be trapped in the cartridge. Refer to **Purging Air Pockets**.

Filler Pump Filling From a Bulk Container (Fig. A, E, F, H–I)

This tool comes with a 1/8" NPT fill port (**26**) for attaching a low pressure fill coupler onto the unit.



WARNING: Never thread a high-pressure coupler onto the grease gun's 1/8" NPT fill port. Serious injury may occur due to excessive pressure. Use low-pressure couplers only.



CAUTION: The fill pump loader must connect correctly with the grease gun's 1/8" NPT port. The filler pump may not operate if the components are not compatible.

Installing The Low Pressure Coupler (Not Supplied With The Tool)

1. Thread the grease tube assembly **13** back into the grease gun and screw it in securely.
2. Pull the grease tube handle **11** out as far as it will go, then secure the grease tube rod **12** into the retaining slot **14** by moving the rod to the side. Ensure the rod is placed securely in the slot to prevent it from disengaging.
3. Remove the 1/8" NPT fill port plug **27** from the fill port.
4. Thread the appropriate low pressure coupler onto the 1/8" NPT fill port **26**.
5. Release the grease tube rod **12** from the retaining slot **14** and slowly press it back into the tube.
6. Use the purge valve **24** to bleed off any air that may be trapped in the cartridge. Refer to **Purging Air Pockets**.

Filling The Tool From The Low Pressure Filler Pump (Fig. A, E, F, H–I)

1. Pull back on the grease tube handle slowly and rotate the rod until it is secure in place.

NOTE: Do not lock the rod into the retaining slot **14**.
2. Connect the low pressure fitting on the grease gun to the appropriate low pressure fitting on the filler pump. These

fittings DO NOT lock together. This prevents the grease gun cartridge from being over filled.

3. Fill until the rod is pushed out of the grease tube approximately 8" (20 cm). Do not overfill. If the rod fails to move during the filling process, stop. This indicates that the rod is not connected to the plunger and step one must be repeated before proceeding.
4. Rotate rod to release and carefully push rod back into the grease tube.
5. Use the purge valve **24** to bleed off any air that may be trapped in the cartridge. Refer to **Purging Air Pockets**.

Purging Air Pockets (Fig. A, E)

IMPORTANT: Air pockets in the grease can cause the grease gun to lose prime. Eliminate air pockets after each refill or if the grease gun fails to pump grease:

1. Unscrew the purge valve **24** without removing it, until all air has escaped.
2. Tighten the purge valve **24**.
3. Uncap the flexible hose **6** then depress the variable speed trigger switch **1** for 10–20 seconds.
4. If grease fails to flow through the hose, repeat from step 1.

NOTE: This tool has been tested at the factory, which may result in a small amount of grease left in the grease tube and hose assembly. It is recommended to purge the tool with the brand of grease to be used before first use.

OPERATION

Instructions for Use



WARNING: Always observe the safety instructions and applicable regulations.



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

Proper Hand Position (Fig. J)



WARNING: To reduce the risk of serious personal injury, ALWAYS use proper hand position as shown.



WARNING: To reduce the risk of serious personal injury, ALWAYS hold securely in anticipation of a sudden reaction.

Proper hand position requires one hand on the flexible hose safety spring guard **7** with the other hand on the handle **3** as shown.

Using the Grease Gun (Fig. A)



WARNING: To reduce the risk of serious personal injury, always maintain a grip on the handle when operating the grease gun or positioning the hose onto fittings.

1. To operate the grease gun, hold the grease gun by the handle **3**, or place it on a stable surface upright on its rubber feet **17** maintaining a grip on the handle.

2. Holding the hose by the flexible hose safety spring guard **7**, connect the flexible hose grease coupler **8** or other appropriate grease coupler, onto the grease fitting to be filled.
3. Carefully depress the variable speed trigger switch to begin the filling process. Once the correct amount of grease has been dispensed, release the trigger and remove the coupler from the grease fitting.
4. If the coupler does not release, there may still be residual pressure in the line. Moving the coupler from side to side can relieve the residual pressure so it can be removed from the coupling.
5. If the coupler leaks excessively or does not hold on to the grease fitting, it should be replaced.

Speed Selection (Fig. A)

The DCG581 features two speed settings for greater versatility. **Speed 1**, high pressure/low flow, is recommended for general lubrication applications. **Speed 2**, low pressure/high flow, is recommended for general lubrication applications not requiring high pressure such as large bearings or filling areas where a lot of grease is required.

NOTE: Do not change speeds when the tool is running.

Always allow the tool to come to a complete stop before changing speed.

1. To select **speed 1**, high pressure/low flow, turn the tool off and permit it to stop. Slide the speed selector **21** up towards the motor housing **5**.
2. To select **speed 2**, low pressure/high flow, turn the tool off and permit it to stop. Slide the speed selector **21** down towards the handle **3**.

NOTE: If the tool does not change speeds, confirm that the speed selection switch is completely engaged in the **speed 1** or **speed 2** position.

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, accessories or when filling with grease. 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.



Lubrication

Your power tool requires no additional lubrication.



Cleaning



WARNING: Blow dirt and dust out of the main housing with dry air as often as dirt is seen collecting in and around

the air vents. Wear approved eye protection and approved dust mask 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 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.

Optional Accessories



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

Consult your dealer for further information on the appropriate accessories.

Attaching and Adjusting the Shoulder Strap (Fig. K)



WARNING: The shoulder strap should only be slung over one shoulder and not across the body. See Fig K.

A shoulder strap is recommended for any tool with a total weight exceeding 6 kg (13lbs). Total weight includes the tool, attachment, and battery.

1. Snap the shoulder strap latch **29** onto the shoulder strap mount **19** located on the unit, just in front of the ON/OFF trigger as shown in **Fig. K**.
2. Adjust the strap **30** so it fits over your shoulder and provides proper balance and support.

Attaching the Angle Adapter Coupler (Fig. L)

The angle adapter coupler **22** is designed to reach grease fittings in tight spaces.

1. To connect the angle adapter coupler **22** to the flexible hose coupler **8**, push the angle adapter zerk fitting **32** into the flexible hose coupler **8** opening until it clicks into position.

Troubleshooting

Problem	Possible Cause	Possible Solution
Unable to pull back rod	Vacuum build up	Unscrew the purge valve to release vacuum.
Unable to push rod forward	Pressure build up	Unscrew the purge valve to release pressure.
	Rod is still connected to plunger	Rotate grease tube handle 90 degrees to disengage it.
No grease when trigger is pulled	Grease tube is empty	Add grease.
	Air pockets in the grease tube	Refer to Purging Air Pockets .
Grease appears in relief valve	Zerk fitting is blocked	Disconnect coupler from fitting, clean zerk fitting and grease path.
Motor does not run when trigger is pulled	Battery	Make sure the battery is fully charged.
Grease leaks out of the back of the grease tube	Rubber seal is flipped the wrong direction	Refer to Preparing the Grease Gun for Suction and Filler Pump Filling .

Protecting the Environment



Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste.

Products and batteries contain materials that can be recovered or recycled, reducing the demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at www.2helpU.com.

Rechargeable Battery Pack

This long-life battery pack must be recharged when it fails to produce sufficient power on jobs that were easily done before. At the end of its technical life, discard it with due care for our environment:

- Run the battery pack down completely, then remove it from the tool.
- Li-Ion cells are recyclable. Take them to your dealer or a local recycling station. The collected battery packs will be recycled or disposed of properly.

After Service and Repair

DeWALT service centers are staffed with trained personnel to provide customers with efficient and reliable product service. We do not take any responsibility when you have repaired in unauthorized service center. You can refer to the leaflet of CONTACT CENTER LOCATOR in product package and contact us through hotline, website or social media to find the nearest DeWALT service center around you.

锂电黄油枪

DCGG581

恭喜!

您选择了本款DeWALT工具。凭借多年的产品开发和创新能力，DeWALT已经成为专业电动工具用户最可靠的合作伙伴之一。

技术数据

			DCGG581
电压	V_{DC}		18 (最大20)
电池包类型			锂离子
最大输出压力		速度 1	10,000
		速度 2	5,000
最大流量	mL/min	速度 1	85
		速度 2	255
黄油类型			最高NLGI #2
黄油容量			
散装	g		450
滤芯尺寸	g		400
软管长度	cm		120
重量 (无电池包)	kg		3.45



警告:为降低伤害风险,请阅读使用手册。

定义:安全指南

下列定义描述了各标志术语的严重程度。请仔细阅读本手册,并注意这些标志。



危险:表示存在紧急情况,如果不加以避免,将导致死亡或严重伤害。



警告:表示存在潜在的 danger 情况,如果不加以避免,可能导致死亡或严重伤害。



小心:表示存在潜在危险情况,如果不加以避免,可能导致轻度或中度伤害。

注意:表示存在不涉及人身伤害的情况,如果不加以避免,可能导致财产损失。



表示存在触电风险。



表示存在火灾风险。

电动工具通用安全警告



警告:请阅读本电动工具随附的所有安全警告、说明、图示和规定。未能遵照以下所列说明会导致电击、火灾和/或严重伤害。

保存所有警告和说明书以备查阅。

警告中的术语“电动工具”指市电驱动(有线)电动工具或电池驱动(无线)电动工具。

工作场地的安全

- 保持工作场地清洁和明亮。杂乱和黑暗的场地会引发事故。
- 不要在易爆环境,如有易燃液体、气体或粉尘的环境下操作电动工具。电动工具产生的火花会点燃粉尘或气体。
- 操作电动工具时,远离儿童和旁观者。注意力不集中会使你失去对工具的控制。

电气安全

- 电动工具插头必须与插座相配。绝不能以任何方式改装插头。需接地的电动工具不能使用任何转换插头。未经改装的插头和相配的插座将降低电击风险。
- 避免人体接触接地表面,如管道、散热片和冰箱。如果你身体接触接地表面会增加电击风险。
- 不得将电动工具暴露在雨中或潮湿环境中。水进入电动工具将增加电击风险。
- 不得滥用软线。绝不能用软线搬运、拉动电动工具或拔出其插头。使软线远离热源、油、锐边或运动部件。受损或缠绕的软线会增加电击风险。
- 当在户外使用电动工具时,使用适合户外使用的延长线。适合户外使用的电线将降低电击风险。
- 如果无法避免在潮湿环境中操作电动工具,应使用带有剩余电流装置(RCD)保护的电源。RCD的使用可降低电击风险。

人身安全

- 保持警觉,当操作电动工具时关注所从事的操作并保持清醒。当你感到疲倦,或在有药物、酒精或治疗反应时,不要操作电动工具。在操作电动工具时瞬间的疏忽会导致严重人身伤害。
- 使用个人防护设备。始终佩戴护目镜。防护装置,诸如适当条件下使用防尘面具、防滑安全鞋、安全帽、听力防护等装置能减少人身伤害。
- 防止意外启动。在连接电源和/或电池包、拿起或搬运工具前,确保开关处于关断位置。手指放在开关上搬运工具或开关处于接通时通电会导致危险。
- 在电动工具接通之前,拿掉所有调节钥匙或扳手。遗留在电动工具旋转零件上的扳手或钥匙会导致人身伤害。
- 手不要过分伸展。时刻注意立足点和身体平衡。这样能在意外情况下能更好地控制住电动工具。
- 着装适当。不要穿宽松衣服或佩戴饰品。让你的头发和衣服远离运动部件。宽松衣服、佩饰或长发可能会卷入运动部件。
- 如果提供了与排屑、集尘设备连接用的装置,要确保其连接完好且使用得当。使用集尘装置可降低尘屑引起的危险。
- 不要因为频繁使用工具而产生的熟悉感而掉以轻心,忽视工具的安全准则。某个粗心的动作可能在瞬间导致严重的伤害。

电动工具使用和注意事项

- 不要勉强使用电动工具,根据用途使用合适的电动工具。选用合适的按照额定值设计的电动工具会使你工作更有效、更安全。
- 如果开关不能接通或关断电源,则不能使用该电动工具。不能通过开关来控制的电动工具是危险的且必须进行修理。
- 在进行任何调节、更换附件或贮存电动工具之前,必须从电源上拔掉插头和/或卸下电池包(如可拆卸)。这种防护性的安全措施降低了电动工具意外启动的风险。
- 将闲置不用的电动工具贮存在儿童所及范围之外,并且不允许不熟悉电动工具和不了解这些说明的人操作电动工具。电动工具在未经培训的使用者手中是危险的。
- 维护电动工具及其附件。检查运动部件是否调整到位或卡住,检查零件破损情况和影响电动工具运行的其他状况。如有损坏,应在使用前修理好电动工具。许多事故是由维护不良的电动工具引发的。
- 保持切削刀具锋利和清洁。维护良好地有锋利切削刃的刀具不易卡住而且容易控制。
- 按照使用说明书,并考虑作业条件和要进行的作业来选择电动工具、附件和工具的刀头等。将电动工具用于那些与其用途不符的操作可能会导致危险情况。
- 保持手柄和握持表面干燥、清洁,不得沾有油脂。在意外的情况下,湿滑的手柄不能保证握持的安全和对工具的控制。

电池式工具使用和注意事项

- 仅使用生产者规定的充电器充电。将适用于某种电池包的充电器用到其他电池包时可能会发生着火危险。
- 仅使用配有专用电池包的电动工具。使用其他电池包可能会产生伤害和着火危险。
- 当电池包不用时,将它远离其他金属物体,例如回形针、硬币、钥匙、钉子、螺钉或其他小金属物体,以防电池包一端与另一端连接。电池组端部短路会引起燃烧或着火。
- 在滥用条件下,液体可能会从电池组中溅出,应避免接触。如果意外碰到液体,用水冲洗。如果液体碰到了眼睛,还应寻求医疗帮助。从电池中溅出的液体可能会发生腐蚀或燃烧。
- 不要使用损坏或改装过的电池包或工具。损坏或改装过的电池组可能呈现无法预测的结果,导致着火、爆炸或伤害。
- 不要将电池包暴露于火或高温中。电池包暴露于火或高于130°C的高温中可能导致爆炸。

维修

- 让专业维修人员使用相同的备件维修电动工具。这将保证所维修的电动工具的安全。
- 决不能维修损坏的电池包。电池包仅能由生产者或其授权的维修服务商进行维修。

黄油枪的其他特定安全规则

- 工具或软管组件的部件可能会因高压而断裂或破裂。可能会致人重伤。使用前,请务必检查工具和软管组件是否损坏或磨损。如果工具的任何部分损坏或磨损,切勿使用。
- 只能使用经DEWALT认可的柔性软管。只能用软管安全弹簧护套罩夹住软管,以免致人重伤。
- 如果软管扭结或损坏,可能会发生破裂,致人重伤。一旦发现软管磨损、打结或损坏,应立即更换。
- 只能使用本手册推荐的黄油(参见规格)。
- 为降低重伤风险,请勿在移动部件、机构或运行设备周围或上使用黄油枪。
- 通风口往往有移动部件,应避免使用。松散的衣服、珠宝或长发可能会被卷入移动部件。



警告:有注入或重伤风险。部件破裂会将黄油注入皮肤或眼睛,造成严重伤害或感染。切勿将其视为简单割伤。应立即就医。



警告:高压输出。请勿直接向自己或他人喷涂。



警告:黄油枪可能产生高达10,000 PSI (690 BAR) 的高压。操作时一定要戴手套。让手远离软管的外露橡胶部分。



警告:黄油和润滑剂可能易燃。切勿暴露在火焰或热源中。请遵守黄油和润滑剂制造商的所有警告和说明。

剩余风险

尽管遵守了相关的安全法规并采用了安全装备,某些剩余风险仍然是无法避免的。这些风险包括:

- 听力损伤。
- 飞溅颗粒造成的人身伤害风险。

- 使用时附件发热导致的灼伤风险。
- 长时间使用引起的人身伤害风险。

电池包类型

以下工具使用18 (20V Max) 伏特的电池包: DCGG581。

更多信息, 请参考 **技术数据**。

包装内的物品

包装中包含:

- 1 黄油枪
- 1 角度转换接头 (B1 不含这个零件)
- 1 充电器
 - 锂离子电池包 (“N”或“NT”型号中不含)
- 1 使用手册

注意: 电池包、充电器和工具箱没有随N型号附送。电池包和充电器没有随NT型号附送。B型号包括BLUETOOTH® 电池包。

注意: BLUETOOTH® 标志和徽标是BLUETOOTH®, SIG, INC. 的注册商标, DeWALT对这些标识的任何使用均经过许可。其他商标和商标名均归各自所有者所有。

- 检查工具、部件或附件是否在运输过程中损坏。
- 操作前, 请抽空仔细阅读并掌握**本手册**。

工具上的标记

工具上印有下列图形:



使用前请阅读使用手册。



可见辐射。请勿盯着光看。

日期代码位置 (图B)

生产日期代码 **33** 由4位数的年和2位数的周组成, 后跟2位数的工厂代码。

说明 (图A、E)



警告: 不得改装本电动工具或其任何部件, 否则可能会导致损坏或人身伤害。

图A

- 1 无级变速开关
- 2 锁定按钮
- 3 手柄
- 4 LED工作灯
- 5 电机外壳
- 6 柔性软管
- 7 柔性软管安全弹簧护罩
- 8 柔性软管接头
- 9 黄油管
- 10 黄油管盖
- 11 黄油管手柄
- 12 黄油管杆
- 13 黄油管组件
- 14 固定槽
- 15 电池包

- 16 电池包释放按钮
- 17 橡胶脚垫
- 18 软管夹
- 19 肩带固定装置
- 20 黄油管腔
- 21 速度选择器
- 22 角度转换接头

图E

- 23 泄压阀
- 24 清洗阀
- 25 止回阀
- 26 1/8" NPT注油口
- 27 1/8" NPT注油口孔塞

设计用途

DCGG581黄油枪设计用于专业分配润滑油。

请勿在潮湿环境中, 或在存在易燃液体或气体的环境中使用本工具。

本黄油枪是专业电动工具。

请勿让儿童接触本工具。缺乏经验的操作员需要在监督下使用本工具。

- 儿童和体弱者。在没有他人监督的情况下, 儿童或体弱者不适宜使用本产品。
- 本产品不适合体力、感官或智力不足以及缺乏经验、知识或技能的人员 (包括儿童) 使用, 除非一旁有能为他们的安全负责的监督人员。不得在无人监管的情况下让儿童接触本产品。

组装与调整



警告: 为降低严重的人身伤害风险, 在进行任何调整或取出/安装附件或配件之前, 请关闭工具并断开电池包连接。意外启动可能会导致人身伤害。



警告: 仅使用DeWALT电池和充电器。

插入或取出工具上的电池包 (图B)

注意: 确保您的电池包 **15** 已经充满电。

要将电池包安装到工具手柄中

1. 将电池包对准工具手柄内的轨道 (图B)。
2. 将电池包滑入手柄内, 使其牢牢地固定在工具内, 并确保您听到其锁定到位的声音。

从工具中取出电池包

1. 按下电池释放按钮 **16**, 将电池包从工具握柄中稳妥地拉出。
2. 按本手册充电器部分所述将电池组插入充电器中。

电池包电量计 (图B)

一些DeWALT电池包带有一个包含三个绿色LED指示灯的电量计, 用于指示电池包内的剩余电量。

按下电量计按钮 **31** 不松开, 即可启动电量计。三个绿色LED指示灯将以组合方式亮起, 以指示剩余电量。当电池内的电量低于可用限制时, 电量计将不会亮起, 电池将需要重新充电。

注意: 电量计仅指示电池包的剩余电量。它并不表示该工具的功能,且将根据产品组件、温度和最终使用者的使用情况而有所不同。

组装与调整

警告: 为降低严重人身伤害的风险,在进行任何调整或拆卸/安装附件、配件或注入黄油之前,请关闭设备并取出电池包。意外启动可能会导致人身伤害。

LED工作灯(图C、D)

小心: 请不要直视LED灯。直视可能会导致视力严重受损。

按下无级变速开关①启动工具时,LED工作灯④会自动亮起。松开无级变速开关60秒后,LED工作灯将熄灭。

无级变速开关(图A、D)

锁定按钮和无级变速开关

本黄油枪配备了一个锁定按钮②。

锁定按钮②的两端有一个锁定🔒或解锁🔓图标,用于指示无级变速开关是锁定还是解锁。

1. 要锁定无级变速开关①,请从锁定🔒图标一端按下锁定按钮,如图D所示。

注意: 在携带或储存本工具时,务必锁定无级变速开关①,以避免无意中启动。

2. 要解锁无级变速开关①,请从解锁🔓图标一端按下解锁按钮②,如图D所示。

3. 挤压无级变速开关①可打开马达。

4. 松开无级变速开关①可关闭马达。

注意: 无级变速开关将提升多功能性。无级变速开关压得越重,黄油输出量越大。

警告: 本工具无法将开关锁定在ON位置,因此切勿以任何其他方式使其锁定在ON位置。

泄压阀(图E)

泄压阀②3在出厂时设置为释放10,000 PSI (690 BAR) 以上的压力。若黄油从泄压阀流出,表明接头、管路或轴承堵塞。在继续操作之前,必须排除这些异常情况。

警告: 黄油枪可能会产生高压。不要拆卸或改装泄压阀。否则可能造成严重伤害。

安装黄油盒(图A、F)

1. 将黄油管手柄①11尽量拉出,然后将黄油管杆①2固定在固定槽①14内,将杆向旁边移动。确保杆牢固地放在槽中,以防脱落。

2. 从黄油枪上拧下黄油管组件①3。

3. 卸下黄油盒上的塑料盖,然后将黄油盒开口端先插入黄油管①9中。

4. 取下黄油盒另一端的密封圈。

5. 将黄油管组件①3拧回黄油枪并拧紧。

6. 从固定槽①14中松开黄油管杆①12,然后慢慢将其压回黄油管中。

7. 用清洗阀②24,图E) 排出筒内可能残留的空气。请参阅清除气穴。

重要事项: 如果润滑油中存在气穴,黄油枪将失去动力。

卸下空的黄油盒(图A、F)

1. 将黄油管手柄①11尽量拉出,然后将黄油管杆①12固定在固定槽①14内,将杆向旁边移动。确保杆牢固地放在槽中,以防脱落。

2. 从黄油枪上拧下黄油管组件①13并卸下。

3. 轻轻松开黄油管手柄①11,将空筒从黄油管中排出。

从散装容器给黄油枪注脂(图A、F、G、H-I)

准备为吸入泵和填充泵填充黄油枪(图A、G、H、I)

注意: 开始此过程之前,应确保黄油枪内没有黄油。

1. 从黄油管组件①13上拧下黄油管①9。

2. 将黄油管手柄①11推向电机外壳①5,橡胶密封件①28从管子中脱出。

3. 用拇指和食指将橡胶密封圈①28从后面翻到前面。请参考图G。

注意: 密封件像一个杯子,在准备抽吸和注油泵加注时,应向电机外壳①5打开(图A)。

4. 拉出黄油管手柄①11,让橡胶密封件①28回到黄油管①9中。

从散装容器中抽吸加注(图A、F、H-I)

1. 将黄油管组件的开口端放入散装润滑油中。

2. 慢慢拉回黄油管手柄①11,将润滑油吸入黄油枪。

注意: 确保黄油管组件的开口端足够深入润滑油,以防黄油管内出现气穴。

3. 当黄油管杆①12完全伸出时,将其固定在固定槽①14中。

4. 从散装润滑油中取出黄油枪管组件,擦去多余的黄油。

5. 将黄油枪管组件①13拧回黄油枪。

6. 从固定槽①14中松开黄油管杆①12,然后慢慢将其压回黄油管中。

7. 用清洗阀②24,图E) 排出筒内可能残留的空气。请参阅清除气穴。

从散装容器加注注油泵(图A、E、F、H-I)

该工具配有一个1/8"NPT注油口(②26),用于将低压注油接头安装在设备上。

警告: 切勿将高压接头拧到黄油枪的1/8" NPT注油口上。压力过大可能会造成严重伤害。只能使用低压接头。

小心: 注油泵装载机必须与黄油枪的1/8" NPT端口正确连接。如果组件不兼容,注油泵可能无法运行。

安装低压接头(不随工具提供)

1. 将黄油管组件①13拧回黄油枪并拧紧。

2. 将黄油管手柄①11尽量拉出,然后将黄油管杆①12固定在固定槽①14内,将杆向旁边移动。确保杆牢固地放在槽中,以防脱落。

3. 从注油口上取下1/8" NPT注油口孔塞②27。

4. 将适用的低压接头拧到1/8" NPT注油口②26上。

5. 从固定槽 **14** 中松开黄油管杆 **12**，然后慢慢将其压回黄油管中。
6. 用清洗阀 **24** 排出筒内可能残留的空气。请参阅 **清除气穴**。

从低压注油泵向工具注油 (图A、E、F、H-I)

1. 慢慢向后拉黄油管手柄并旋转杆，直到其固定到位。
注意：不要将杆锁入固定槽 **14** 中。
2. 将黄油枪上的低压接头连接到注油泵上相应的低压接头。这些接头不能锁在一起。这样可防止黄油枪筒加注过量。
3. 加注至将杆推出黄油管约8" (20cm) 为止。不要加注过量。如果在注油过程中杆无法移动，请停止。这表明杆与柱塞未连接，必须重复第一步后才能继续。
4. 旋转柱塞使其松开，然后小心地将柱塞推回黄油管。
5. 用清洗阀 **24** 排出筒内可能残留的空气。请参阅 **清除气穴**。

清除气孔 (图A、E)


重要事项：黄油中的气穴会导致黄油枪失去动力。每次加注后或当黄油枪无法泵出黄油时，应清除气穴：


1. 拧下清洗阀 **24** 而不要将其卸下，直到所有空气排出。
2. 拧紧清洗阀 **24**。
3. 打开软管 **6** 的盖子，然后按下无级变速开关 **1** 10-20 秒钟。
4. 如果黄油无法流过软管，则重复步骤1。

注意：该工具在出厂前已进行过测试，因此可能会有少量黄油残留在黄油管和软管组件中。建议在首次使用前，用将使用的品牌黄油清洗工具。


操作


使用说明

 **警告：**务必遵守安全指示和适用法规。

 **警告：**为降低严重的人身伤害风险，在进行任何调整或取出/安装附件或配件之前，请关闭工具并断开电池包连接。意外启动可能会导致人身伤害。


正确的双手放置位 (图J)

 **警告：**为了减低严重人身伤害的风险，请务必如图示那样正确放置双手。

 **警告：**为了减低造成严重人身伤害的风险，预期有突然反作用力时**务必握紧**。

正确的双手放置位要求一只手放在软管安全弹簧护罩 **7** 上，另一只手放在手柄 **3** 上，如图所示。

使用黄油枪 (图A)

 **警告：**为降低严重人身伤害的危险，在操作黄油枪或将软管定位到管接头上时，应始终握住手柄。

1. 要操作黄油枪，请握住手柄 **3**，或将其放在稳定的表面上，直立在橡胶脚垫上 **17**，保持握住手柄。

2. 用软管安全弹簧护罩 **7** 夹住软管，将柔性软管黄油接头 **8** 或其他适用的黄油接头连接到要加注黄油的接头上。
3. 小心按下无级变速开关，开始加注过程。分配了正确的黄油量后，松开无级变速开关并从黄油接头处取下接头。
4. 如果接头没有松开，说明管路中可能仍有残余压力。左右移动接头可以释放残余压力，从而将其从接头中取出。
5. 如果接头过度泄漏或无法固定在黄油嘴上，则应更换接头。

转速选择 (图A)


DCGG581可设置两种速度，更加灵活通用。**速度1**，高压/低流量，建议用于一般润滑应用。**速度2**，低压/高流量，建议用于不需要高压的一般润滑应用，如大型轴承或需要大量黄油的填充区域。

注意：在工具运行时，不要更改转速。更改转速之前，请一定要让工具完全停下来。

1. 要选择**速度1** (高压/低流量)，请关闭工具并使其停止。将速度选择器 **21** 向上滑动至电机外壳 **5**。
2. 要选择**速度2** (低压/高流量)，请关闭工具并使其停止。将速度选择器 **21** 朝手柄 **3** 的方向向下滑动。

注意：如果工具没有变速，请确认速度选择开关已完全啮合到**速度1**或**速度2**位置。

维护

 **警告：**为降低严重人身伤害的风险，在进行任何调整或拆卸/安装附件、配件或注入黄油之前，请关闭设备并取出电池包。意外启动可能会导致人身伤害。

您的DeWALT电动工具设计精良，可以长期使用，仅需极少维护。若要持续令人满意的工作效果，则需对工具进行适当的保养和定期清洁。





润滑

本电动工具无需另行润滑。



清洁

 **警告：**一旦看到通风口及其周围积聚了尘屑，请用干燥的空气将灰尘和尘屑从主机外壳内吹出。执行此过程时，需戴上经认可的护目装备和防尘面具。

 **警告：**不得使用溶剂或其它刺激性化学制品来清洁工具的非金属部件。这些化学物质可能会削弱这些部位使用的材料。请用布蘸温和的肥皂水擦拭。不得让任何液体渗入工具，不得让工具的任何部件浸在液体中。

可选配件

警告：由于除DEWALT提供的配件外，其他配件没有经过本产品的测试，因此将这些配件与本工具一起使用可能会有危险。为了减少受伤的风险，本产品仅可使用DEWALT推荐的配件。

请向您的经销商咨询更多关于合适附件的信息。

安装和调节肩带(图K)

警告：肩带只能挂在一侧肩膀上，而不应横跨整个身体。参见图K。

建议总重量超过6 kg (13 lb) 的工具使用肩带。总重量包括工具、附件和电池的重量。


1. 如图K所示，将肩带搭扣**29**扣到本设备肩带底座**19**上，即开/关按钮之前。
2. 调整肩带**30**，使其适合您的肩膀，并提供适当的平衡和支撑。

安装角度转换接头(图L)

角度转换接头**22**设计用于在狭小空间内接触黄油嘴。

1. 要将角度转换接头**22**连接到柔性软管接头**8**，请将角度转换注油嘴接头**32**推入柔性软管接头**8**的开口，直到卡入到位。

保护环境

 分类回收。由此符号标记的产品和电池包不得与普通家庭垃圾一起处理。

产品和电池包含可恢复或回收的材料，从而降低对原材料的需求。请根据当地规定回收电子产品和电池包。要获得更多信息，请参看www.2helpU.com。

充电式电池包

本电池包使用寿命长，不能提供顺利完成工作所需的电力时，必须进行充电。电池包技术寿命结束时，请妥善处理以保护环境：

- 耗尽电池包的电力，然后将其从工具上拆下。
- 锂离子电池是可回收的。请将它们送往您的经销商处或当地的回收站。回收的电池包将被妥善循环使用或处理。

售后服务和维修

DEWALT维修中心拥有经过培训的人员，能够为顾客提供充分、可靠的产品服务。如果您通过未获授权的维修中心进行维修，我们不会承担任何责任。您可以参见产品包装中的“联系中心定位器”宣传单页，通过热线电话、网站或社交媒体联系我们，找到距离您最近的DEWALT服务中心。

故障排除

问题	可能的原因	可行解决方案
无法向后拉动杆	真空积聚	拧下清洗阀，释放真空。
无法向前推动杆	压力升高 杆仍与柱塞相连	拧下清洗阀，释放压力。 将黄油管手柄旋转90度，使其脱离。
扣动无级变速开关时没有黄油	黄油管是空的 黄油管内有气泡	添加黄油。 请参阅 清除气穴 。
泄压阀内出现黄油	注油嘴接头堵塞	断开接头与接头的连接，清洁注油嘴接头和黄油通道。
扣动无级变速开关时电机不运转	电池包	确保电池充满电。
黄油从黄油管后部漏出	橡胶密封圈翻转方向错误	请参阅 准备为吸入泵和填充泵填充黄油枪

制造商：百得德国公司

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产地：江苏苏州

