

KB314

K.balt Mini Manual Grease Gun KB314 User Manual

Model: KB314

1. PRODUCT OVERVIEW

The K.balt Mini Manual Grease Gun, model KB314, is designed for efficient and precise lubrication. Its compact size and pistol grip design allow for convenient one-handed operation, making it suitable for various automotive and mechanical applications. This manual provides essential information for the safe and effective use of your grease gun.



Image 1.1: The K.balt Mini Manual Grease Gun, showing its blue body and silver pistol grip mechanism.

2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating this tool. Failure to follow these instructions may result in injury or property damage.

- Always wear appropriate personal protective equipment, including safety glasses, when operating the grease gun.
- Do not point the grease gun nozzle at yourself or others. High-pressure grease injection can cause serious injury.
- Use only the type of grease recommended for the equipment being lubricated.
- Keep hands and fingers clear of moving parts.

- Store the grease gun in a clean, dry place, out of reach of children.
- Ensure the grease gun is depressurized before performing any maintenance or changing cartridges.

3. SETUP

3.1 Loading a Grease Cartridge

1. Unscrew the barrel from the head of the grease gun.
2. Pull the plunger rod all the way back and lock it into place by rotating the T-handle.
3. Remove both ends of the grease cartridge.
4. Insert the cartridge into the barrel, open end first.
5. Screw the barrel back onto the head of the grease gun until hand-tight.
6. Release the plunger rod by rotating the T-handle and gently push it forward until it makes contact with the grease.



Image 3.1: The grease gun with the plunger rod extended, illustrating the mechanism for loading a cartridge.

3.2 Attaching the Steel Pipe and Coupler

The grease gun comes with a 4-inch steel pipe and a standard coupler for direct attachment to grease fittings.

1. Thread the 4-inch steel pipe onto the outlet port of the grease gun head. Tighten securely.
2. Thread the standard coupler onto the end of the steel pipe. Tighten securely.

4. OPERATING INSTRUCTIONS

Once the grease gun is loaded and assembled, it is ready for operation.

1. Clean the grease fitting on the component to be lubricated to prevent contamination.
2. Press the coupler firmly onto the grease fitting until it snaps into place. Ensure a secure connection to prevent grease leakage.
3. Squeeze the pistol grip handle repeatedly to dispense grease. Continue until the desired amount of grease has been applied or until fresh grease appears at the fitting.
4. To remove the coupler, tilt it slightly and pull it straight off the fitting.



Image 4.1: Close-up view of the K.balt Mini Manual Grease Gun, highlighting the pistol grip for one-handed operation.

5. MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your grease gun.

- **Cleaning:** After each use, wipe down the exterior of the grease gun to remove any excess grease or dirt. Keep the coupler clean to ensure a good seal with fittings.
- **Storage:** Store the grease gun in a clean, dry environment. If storing for an extended period, ensure it is free of grease or contains a fresh cartridge to prevent air from entering the system.
- **Inspection:** Periodically inspect the steel pipe and coupler for wear or damage. Replace worn components as necessary.

6. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
No grease dispenses	Air pocket in the barrel (air lock)	Loosen the barrel slightly, push the plunger rod forward to expel air, then retighten. Repeat if necessary.
Grease leaks from coupler	Coupler not fully seated or worn out	Ensure coupler is firmly pressed onto the fitting. Replace coupler if worn.
Plunger rod does not advance	Grease cartridge empty or stuck	Replace cartridge. If cartridge is new, ensure it is properly inserted and not damaged.

7. SPECIFICATIONS

Refer to the following specifications for the K.balt Mini Manual Grease Gun KB314:

- **Model:** KB314
- **Item Model Number:** 5144522
- **Pipe Length:** 4 inches (steel pipe)
- **Operation:** Pistol grip, manual
- **Parcel Dimensions:** 25.4 x 12.7 x 5.08 cm
- **Item Weight:** 635 g
- **Manufacturer:** Kobalt



Image 7.1: The K.balt Mini Manual Grease Gun shown in its retail packaging.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.