

OIL SAFE[®] BATTERY-OPERATED GREASE GUN

Owners Manual



IMPORTANT

- Please read this Owners Manual carefully and thoroughly before installing and operating your Battery-Operated Grease Gun.
- Please retain this Owners Manual for future reference.

Oil Safe Color-Coded Battery Operated Grease Gun

- Powerful 18.5V High Torque Motor
- 6,000 PSI (413 BAR) Output Grease Pressure
- Grease Output up to 3 oz. (85 g) / minute in free flow
- Automatic Air Bleeder & Bulk Loader valve
- Automatic Pressure Release Valve
- 30" High Pressure Hose with Spring Guard on both ends (prevents hose from kinking)
- Quick Lock Grease Coupler
- Standard 1.3Ah Li-Ion Battery Pack
- One Hour Quick Charger (each battery charge provides power to dispense up to 6 Grease cartridges in free flow condition)
- Comes with Case for conveniently storing when not in use

Available in two versions

- Single Battery
- Double Battery



FEATURES

DELIVERS

**UPTO 3 OZ./MINUTE
(85 G/ MINUTE) IN
FREE FLOW**

CONSTITUENTS

S.NO.	DESCRIPTION	QUANTITY
1	Grease gun assembly (Barrel fitted with gun head)	1
2	Rechargeable battery *	1 or 2
3	Battery charger*	1
4	Carrying case / Blow moulded case*	1
5	High pressure grease hose assembly*	1
6	Shoulder Strap*	1
7	Quick Lock Grease Coupler*	1

* Available as spare parts



SPECIFICATION

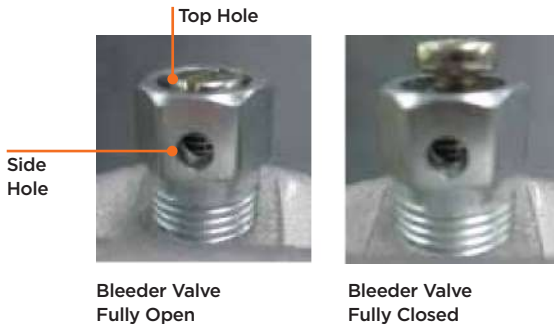
Charger Input Power	110 V AC 60 Hz / 220 V AC 50 Hz
Battery Output Power	18 V
Battery Capacity	1.3 Ah
Battery Pack Charge Time	1 Hour
Maximum Operating Pressure	6,000 PSI (413 BAR)
Grease Reservoir Capacity	14 oz (400 g) / 16 oz. (450 g*)
Flow Rate	3 oz / minute (85 g / minute)
Hose Length	30" (760 mm)
Automatic Air Bleeder	Yes
Filling Method	Cartridge Loading / Bulk Fill / Filler Pump
* Only on Australian Model	

FUNCTION OF PRESSURE RELEASE VALVE

Pressure release valve prevents the pressure to build up beyond 6000 PSI by releasing the grease automatically when the grease pressure exceeds 6000 PSI. This valve can also be used as an indication valve to identify the application where the pressure is more than 6000 PSI. This gun is not made for application where pressure is above 6000 PSI

TO EXPEL AIR POCKETS USING AIR RELEASE VALVE

1. The valve has no spring and already remains open (due to its weight) while reconnecting Barrel with head.
2. Without the need for pressing the valve, the user just releases the follower rod to expel the air.
3. This releases the air locks in a fast and effective manner making priming a lot easier.



CHARGING THE BATTERY PACK

All New guns come with 80% charged battery from the factory and no charging is needed until it is used and the battery runs down.

- Before using Grease Gun for the first time, if the battery pack is installed in the gun, remove it by pressing the two battery release buttons (one button on each side of battery pack) and pull battery pack out of gun.



- Insert the Battery Pack into the Charging Socket of the Charger. Then, plug the Charger into the nearest, grounded, electrical outlet.



- To start charging, press the "Set" button on the Charger. A green light indicates that the battery is charging. After termination of the charging (approx. 1 hour), pull charger out of socket and remove battery.



GETTING STARTED

1. Take the grease gun out from the box and assemble the Adaptor cum air release valve onto the head of gun
2. Take the grease hose and connect one end with the Adaptor cum Air Release Valve and other end with Quick Lock Grease Coupler and tighten the grease hose using spanner



3. **Removing empty cartridge:** Remove any cartridge in the grease gun barrel prior to refilling. To check if a cartridge is in the barrel, pull the plunger handle fully outward & latch the plunger rod in the slot on the end cap. Remove the grease gun head by turning it anticlockwise & release the plunger handle to eject the empty cartridge from the barrel.
4. **Locking / Releasing the plunger rod:** This gun incorporates a groove in the plunger rod that is latched onto a slot in the end cap to hold the plunger rod when fully extended. Before pushing the plunger rod into the barrel, simply release it from the slot, allowing it to slide forward.
5. **Cartridge Loading:** Refer Cartridge loading.
6. **Priming:** Usually after loading, all grease equipments have some trapped air pockets in grease. Trapped air causes zero or reduced grease discharge. Removing these air pockets from grease is referred to as Priming or Air Bleeding. It is highly recommended to prime the grease gun after every loading. (Refer Priming)

CARTRIDGE LOADING

1. Pull the plunger rod fully backwards and latch the plunger rod groove into the slot on the end cap of the grease barrel.



2. Unscrew the grease barrel from the gun head by rotating anti-clockwise.



- Carefully release the plunger handle to eject the empty cartridge from grease barrel.
- Remove the plastic cap from the grease cartridge and insert cartridge into the grease barrel.



- Remove the pull tab from grease cartridge and screw grease barrel into the gun head.
- Release air from grease by following **Priming Instructions**.



BULK LOADING

- Unscrew the grease barrel from the gun head by rotating in anti-clockwise. Insert the open end of the barrel about 2" into the grease container.



- Slowly pull the plunger handle back to draw in grease into the empty barrel while pushing the grease barrel deeper into the grease until the plunger rod is fully extended. This will prevent air pockets from being pulled into the grease barrel.
- The grease gun barrel should now be filled with grease. The outside surface may have a lot of grease stuck to it and should be wiped clean for safety.
- Shake the grease gun barrel to allow grease to settle down. Screw back the grease gun head tightly onto the barrel.
- Release air from grease by following **Priming Instructions**.

FILLER PUMP LOADING

- Wipe the grease & possible dirt from gun's bulk loader valve. Activate the filler pump until a small amount of grease comes out. This step will minimize transferring any trapped air.
- Engage the plunger rod with the follower by rotating the plunger handle. Connect the Bulk Loader Valve tightly on the grease gun to the loader adapter on the filler pump line.



- Start operating the filler pump, keeping your hand on the grease gun, lightly pushing it down onto the filler pump.



- Once the gun barrel is filled, pumping would get very hard. The Plunger rod will be extended approximately 8 inches exposing the plunger rod groove. Stop at this time. Disconnect the Bulk Loader Valve from the transfer pump line.
- Release air from grease by following **Priming Instructions**.

PRIMING INSTRUCTIONS

- After cartridge or bulk loading of the grease gun, carefully release plunger handle from the slot in the end cap (In case of Filler Pump Loading, plunger rod is already free from the slot).
- Engage plunger rod with the follower by rotating the plunger handle. Move plunger rod back and forth into the grease barrel to force out any trapped air. Trapped air will escape from the automatic air bleeder.
- Disengage plunger rod from the follower by rotating the plunger handle. Push the plunger rod into the grease barrel. Wipe the Automatic Air Bleeder to make it free of any blockage dirt.
- Press the grease gun switch until the gun starts dispensing grease.

MAINTENANCE

- BEFORE PERFORMING ANY MAINTENANCE OR WHEN STORING THE GREASE GUN, ensure the Switch is in the "OFF" position, Battery is removed from the Grease Gun and the Charger is unplugged from its electrical outlet.
- BEFORE EACH USE, check for misalignment, damage, noise or binding of moving parts, leaking Battery Pack, damaged Hose, and any other hazardous condition.
- Do not use a defective equipment unless the fault is rectified.
- Never burn Batteries, as they can explode in a fire. Do not charge leaking Batteries. Contact local solid waste authorities for instructions on correct disposal or recycling of the Battery Pack.
- Use a soft, dry cloth to remove all dirt, grease, and dirt from the exterior of the Grease Gun. Do not use solvents to clean the Grease Gun.
- Keep the Grease Gun and its accessories in a clean, dry location and out of children reach.

GREASING A GREASE FITTING / GREASE NIPPLE

1. The grease coupler provided at the end of the grease gun hose has Ball type construction. Simply press the thumb lever and slide the coupler onto the fitting
2. Hardened 6 cylindrical balls hold the grease/zerk fitting tight
3. Once greasing is completed, simply press the thumb lever again to disconnect coupler from the zerk fitting



CONVENIENT ENGAGEMENT

Push coupler on grease fitting for complete engagement. Pump up your greasing equipment to 6,000 PSI



EASY RELEASE

Pressing the lever down leads to easy disengagement

WARNING & PRECAUTIONS



1. Use complete safety gear (rubber gloves, safety shoes, ear plugs, safety goggles, hard hat etc.). Avoid electric shock by avoiding direct contact with grounded components such as pipes, couplers etc.
2. Keep your hair, clothing, and gloves away from moving parts.
3. Do not operate this gun in explosive atmospheres such as in the presence of flammable liquids, gases, or dust. It may create sparks leading to fire causing personal injury & material damage.
4. The water entering the electric grease gun will increase the risk of electric shock. Do not handle the charger, its power plug, or the Grease Gun with wet hands or in damp locations.
5. To avoid accidental starting, always release the Switch before connecting the grease gun to electrical supply.
6. Remove any metal tool attached to the grease gun before turning the power on. A wrench or a key that is left attached to a moving part of the gun may cause personal injury.
7. Always maintain your grip & balance while operating the gun.
8. Use only APPROVED hoses
9. If there is leakage from the pressure valve while using the gun, it indicates that the back pressure is more than 6,000 PSI. It is not a product failure. It is an indication that the gun is not to be used for this application. Please DO NOT try to adjust the pressure valve as it has been set as 6000 PSI. Please DO NOT try to remove the valve, as this may lead to accidents.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Grease leaking from Pressure Release Valve	Back Pressure is more than 6,000 PSI	Do not use gun for this application
Grease gun not working	1. Battery not charged 2. Battery not installed properly	1. Charge the battery and then use 2. Take out battery and reinstall correctly
Grease not coming out	1. Air pockets inside the barrel 2. Blocked Grease Coupler	1. Refer priming to remove air pockets 2. Remove the coupler & start operating the gun. If the gun dispenses grease then the gun is fine and you need to either repair or replace the coupler
Battery not charging	1. Battery charger not connected to Power Source 2. Battery not fixed properly in the charger	1. Connect battery charger properly 2. Take out battery from the charger and fix again

CUSTOMER SERVICE

For any customer service, ordering requests or warranty issues, please contact your Authorized Supplier or Whitmore. You may contact:

Whitmore

1-800-699-6318

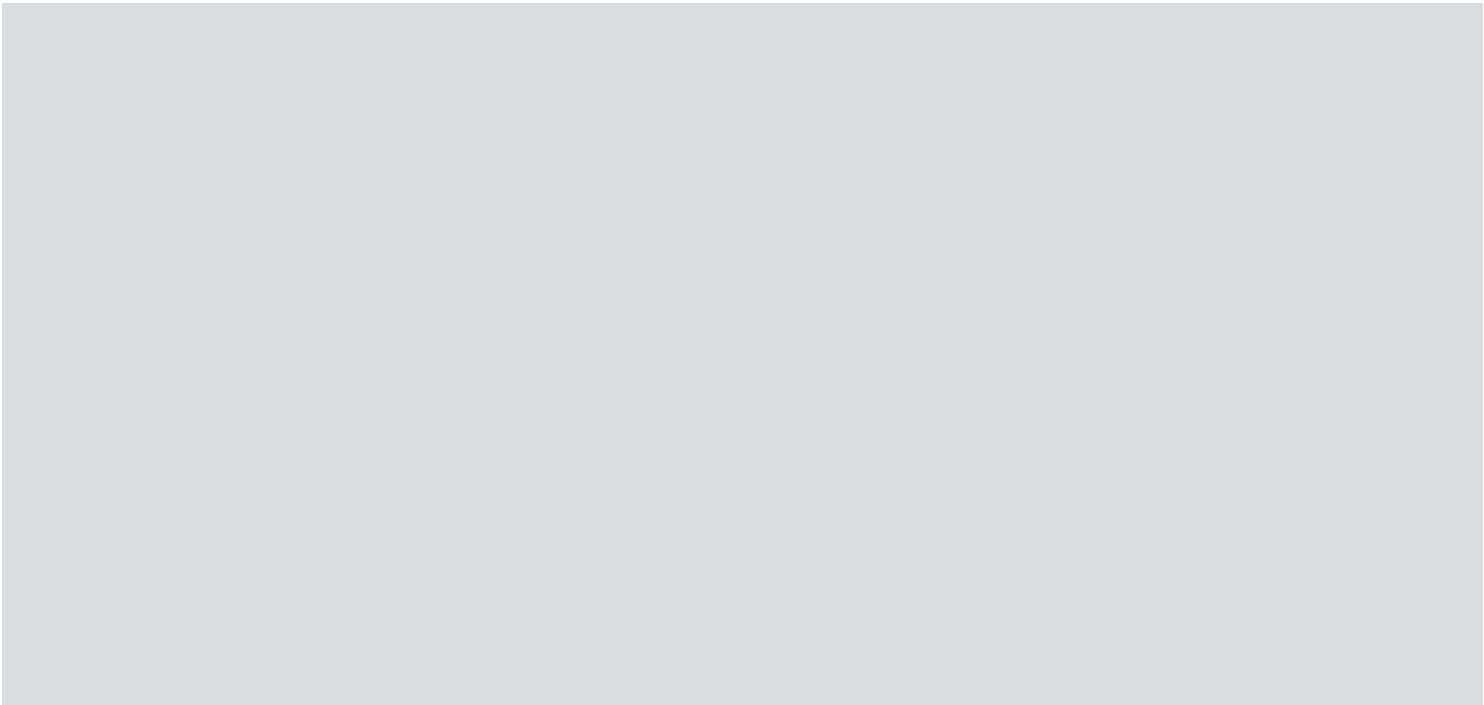
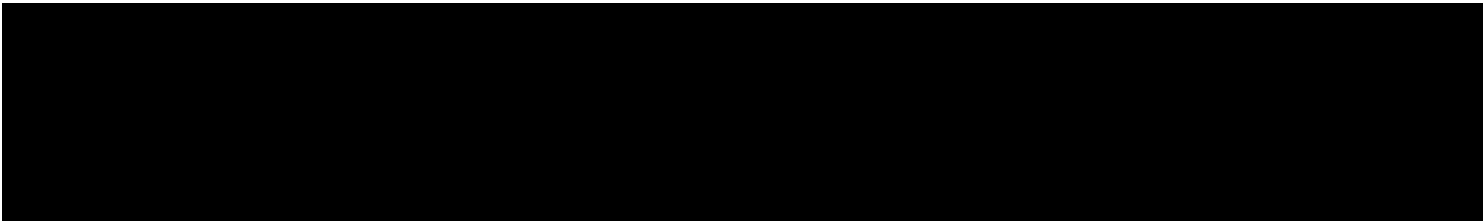
1-972-771-1000

sales@whitmores.com

930 Whitmore Drive

Rockwall, Texas 75087

Technical Support: techservice@whitmores.com



oilsafe.com