

19.2V Battery Powered Grease Gun

BPGG-19

Congratulations on purchase of this World Class High Accuracy Battery Powered Grease Gun!

- Powerful 19.2V High Torque Motor
- 6,000 PSI (413 BAR) Output Grease Pressure
- Grease Output upto 3 oz. (85 gms) / minute in free flow
- Automatic Air Bleeder & Bulk Loader
- Automatic Pressure Release Valve
- 30" High Pressure Hose with Spring Guard on both ends (prevents hose from kinking)
- High Pressure Grease Coupler
- Standard 1.5Ah Ni-Cd Battery Pack
- An additional 1.5Ah Ni-Cd Battery Pack for un-interrupted greasing
- One Hour Quick Charger (each battery charge provides power to dispense upto 6 Grease cartridges in free flow condition)
- Comes with Blow Moulded Case for conveniently storing when not in use



CONSTITUENTS

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

* Available as spare parts



SPECIFICATION

Charger Input Power	110 V AC 60 Hz / 220 V AC 50 Hz
Battery Output Power	19.2 V
Battery Capacity	1.5 Ah
Battery Pack Charge Time	1 Hour
Maximum Operating Pressure	6,000 PSI (413 PSI)
Grease Reservoir Capacity	14 oz (400 gms) / 450 gms*
Flow Rate	3 oz / minute (85 gms / minute)
Hose Length	30"
Automatic Air Bleeder	Yes
Filling Method	Cartridge Loading / Bulk Fill / Filler pump

* On Australian Model

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. Keep hands clear of the exposed rubber portion of Hose.
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 and follow whip hose instructions and warnings.
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.

CHARGING THE BATTERY PACK

For best performance, do not recharge the new battery unless it is completely discharged. Recharging the battery pack before its complete discharge will reduce the total work life of the pack. All New guns come with 80% charge from the factory and no charging is needed until it is used and the battery is run down.

As a battery pack approaches the discharged state, the tool performance drops. This is the right time to recharge the battery pack. Recharging the battery pack before this condition is reached will reduce the total work life of the pack. Discharging the pack beyond this point can damage the pack.

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



IMPORTANT:

Battery temperature will increase during and shortly after use. Allow the battery pack to cool to room temperature before charging otherwise batteries may not accept a full charge.

- 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. 1-2 hours), pull charger out of socket and remove battery.



GETTING STARTED

1. **Removing empty cartridge:** Remove any cartridge in the grease gun barrel prior to refilling. To check if a cartridge is in the barrel, first compress the spring by pulling 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 to remove any empty cartridge.
2. **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.
3. **Priming:** Usually after loading, all grease equipment 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.

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.



3. Carefully release the plunger handle to eject the empty cartridge from grease barrel.

4. Remove the plastic cap from the grease cartridge and insert cartridge into the grease barrel.



5. Remove the pull tab from grease cartridge and screw grease barrel into gun head.



6. Release air from grease by following **Priming Instructions**.

BULK LOADING

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



2. 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.
3. 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.
4. Shake the grease gun barrel to allow grease to settle down. Screw back the grease gun head tightly onto the barrel.
5. Release air from grease by following **Priming Instructions**.

TRANSFER PUMP LOADING

1. Wipe the grease gun's bulk loader valve free of grease and possible debris. Activate the transfer pump until a small amount of grease comes out. This step will minimize transferring any trapped air.



2. 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 transfer pump line.



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



4. Once the gun barrel is filled, pumping would get very hard. The follower 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.

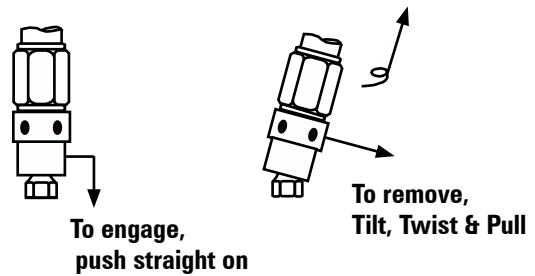
5. Release air from grease by following **Priming Instructions**.

PRIMING INSTRUCTIONS

1. 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).
2. 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.
3. 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 or debris.
4. Press the grease gun switch until the gun starts dispensing grease.

GREASING A GREASE FITTING / GREASE NIPPLE

1. The grease coupler provided at the end of the grease gun hose has a jaw type construction. The coupler jaws will snap on to a grease fitting and maintain a tight fit.
2. When connecting the coupler to the grease fitting, press the coupler straight onto the grease fitting to form a snug fit. Start operating the grease gun with the coupler as square to the grease fitting as possible.
3. Once greasing is completed, slightly tilt the coupler, twist and pull back. The tilt and twist action will allow easy removal of the coupler from the grease fitting.



MAINTENANCE

1. 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.
2. BEFORE EACH USE, check for misalignment, damage, noise or binding of moving parts, leaking Battery Pack, damaged Hose, and any other hazardous condition.
3. Do not use a defective equipment unless the fault is rectified.
4. 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.
5. Use a soft, dry cloth, remove all dirt, grease, and debris from the exterior of the Grease Gun. Do not use solvents to clean the Grease Gun.
6. Keep the Grease Gun and its accessories in a clean, dry location and out of children reach

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Grease leaking form pressure release Valve	1. Back Pressure more than 6,000 PSI	1. 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
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