



50-20 – Reloadable Cartridge Gun 51-05 – Cartridge Loading Plate

Product Data Sheet

Foster® 50-20 Reloadable Cartridge Gun is a reusable, heavy-duty, steel drive, cartridge gun for dispensing of Foster® sealants. It has a 20-ounce capacity and makes application from 5-gallon pails easy and efficient. It reduces waste and cost associated with disposable cartridge tubes.

Foster® 51-05 Cartridge Loading Plate is a reusable, loading plate for 5-gallon pails to improve and ease the loading process of the 50-20 Reloadable Cartridge Gun. It has a quick push-on, pull-off seal, which allows for quick utilization. Simply insert the plate into a 5-gallon pail and insert the gun onto the plate, pull the rod to fill the gun, screw on the reusable tip and apply the product in the same manner as a standard cartridge tube. Leaving the Cartridge Loading Plate on the surface of the pail minimizes exposure to air for the product being used, which minimizes risk of drying out. Using with the Reloadable Cartridge Gun ensures the gun barrel and threads stay clean and prevents air from entering barrel during loading.

Foster® 50-20 Reloadable Cartridge Gun



Foster® 51-05 Cartridge Loading Plate



FEATURES & BENEFITS

- 20-ounce capacity
- 12:1 thrust ratio helps dispense high viscosity sealants and materials with ease
- Comes with 3 orange cone nozzles that can be cut to any size opening from 1/8" to 1-3/4" using a utility knife
- Adjustment screw on the back of the gun can be adjusted as the gun wears, which increases the life of the gun and removes wasted motion
- Has double gripping plates, steel trigger, and steel barrel, which all increase gun durability
- Handle swivels, allowing for easy rotation and change of direction while applying
- Twin single-cup, solvent-resistant, leather piston can be easily replaced. Synthetic pistons are available for specific applications
- Two tie-off points on the top of the gun allow it to safely be used on scaffolding
- Note: more orange cone nozzles and a repair kit can be purchased through Foster® Products to maintain gun

FEATURES & BENEFITS

- Works for a range of 5-gallon pail sizes (minimum ID 9-7/8" – 11-3/8")
- Includes a pull rod for easy removal of loading plate from the 5-gallon pail
- Product design with a nitrile gasket between steel plates. The nitrile gasket scrapes the inside of the pail clean maximizing sealant used and minimizing waste
- Can be left in the pail overnight, just re-attach the pail lid

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APPLICATION GUIDE FOR FOSTER® 50-20 RELOADABLE CARTRIDGE GUN & 51-05 CARTRIDGE LOADING PLATE

APPLICATION

Place the Cartridge Loading Plate directly into the 5-gallon pail and press down firmly to remove air pockets. On the Reloadable Cartridge Gun, remove the front cap and advance the rod as far forward as it will go. Press the gun over the hole of the plate, and while exerting pressure down, pull back on the rod to fill the gun. When full, pull the gun off of the plate. Before putting the front cap back onto the gun, place an orange cone nozzle onto the end of the gun, and then replace the front cap over the nozzle. Cut the nozzle to the needed opening size. The gun is now ready for product dispensing. When the user is finished dispensing, the Cartridge Loading Plate can be left in the pail, just put the pail lid back on. If any product is left in the Reloadable Cartridge Gun, it can be left inside the gun ONLY if the gun is to be used again in the next day or two. If not, the product should be removed from the gun by dispensing it back into the pail or another container. Otherwise, the product can dry inside the gun, which will make the gun difficult to clean, can damage the leather piston, and can reduce the life of the gun. For application by skilled professionals only.

When changing the Cartridge Loading Plate to a new pail, it may be difficult due to the suction of the plate. To remove it easily, reattach an empty Reloadable Cartridge Gun to the plate with the rod pulled back and pump air underneath the plate. This will break the suction and allow it to be easily removed from one pail and inserted into another.

For applying material in difficult situations, there is a lock ring on the Reloadable Cartridge Gun, which can be adjusted, which allows the user to adjust the barrel and nozzle 360 degrees. By unloosening the lock ring, the user can modify the swivel resistance and easily apply product in difficult or hard-to-reach areas.

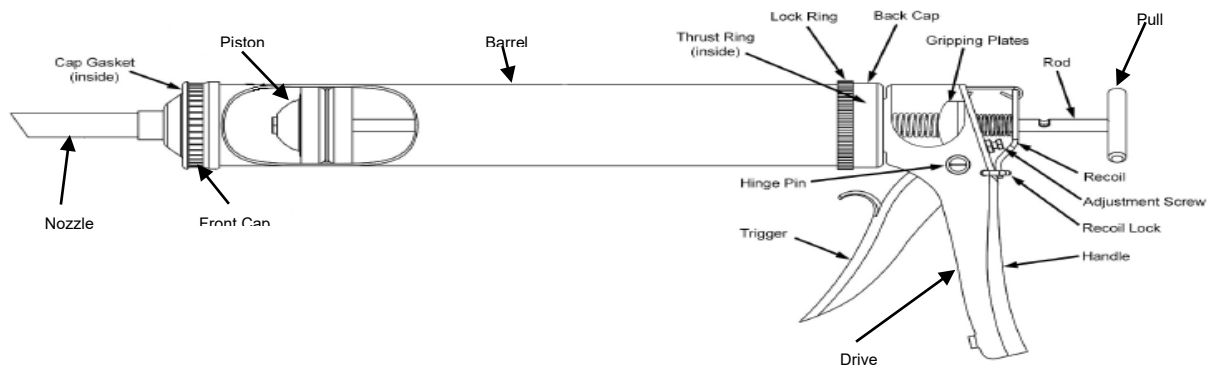
MAINTENANCE

The life of the Reloadable Cartridge Gun will depend on how well it is maintained. It is important to keep the gun in a clean and properly maintained condition in order to extend the life of the gun and keep it in proper operating condition.

The standard piston in the gun is made of leather and comes saturated in oil. In order to maintain suction during loading and avoid blow-by or leaking when dispensing, periodically remove, clean, and re-oil the leather piston with standard automotive motor oil. The inside of the barrel shall also be clean and lightly oiled for smooth operation. If the gun is being used frequently the piston should be cleaned and re-oiled each week or as needed to maintain smooth operation. After cleaning and re-oiling, reassemble the piston with the barrel of the gun. Flushing of the barrel by loading and pumping with mineral spirits can also help keep the gun in good operating condition between full cleaning. The life of the leather piston is likely to end before the gun life is over, but this piston can be changed to maintain gun quality. New pistons and the washers and nuts needed in the replacement can all be purchased in a Repair Kit through Foster® Products. The only tool needed is a wrench. Leather pistons work well for both solvent- and water-based products. If mostly thinner, water-based products are to be used, a nylon piston may work best.

The trigger mechanism wears over time, which can result in lost motion. The adjustment screw on the back of the gun reduces this lost motion. This screw is set during production and only requires adjustment after long use.

The O-ring on the Cartridge Loading Plate may need to be replaced after extended use. Keep it clean using mineral spirits to extend life. Using the correct dimensions, a new O-ring could be found at a hardware store.



CLEAN UP

To clean the Reloadable Cartridge Gun, use the gun per normal application instructions, but pump in xylene or mineral spirits. If there is dried product inside of the barrel, a long, bristled brush could be used to scrape product off. After cleaning, make sure to lightly coat the inside of the barrel with standard automotive motor oil. Also, soak the leather piston in motor oil. To clean the Cartridge Loading Plate off, first scrape off as much extra product from the plate as possible. Then, use mineral spirits to remove any remaining product.

CUSTOMER SERVICE: (800) 832-9002

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