

#81170 Bearing Blaster

Assembly of the #81170 Bearing Blaster:

Your new Bearing Blaster has three pieces; a base, base cap, and a pressure ring. The pressure ring and the base cap are connected together in this package and must be separated from the sprue using an X-acto knife or plastic clippers. Once separated, press the base cap onto the center of the base (see diagram). It should fit snugly and once installed, should not need to be removed. The bearing to be cleaned will nest itself between the pressure ring and the base cap (see diagram on back).

(Please Read This Section Carefully!) Bearing information and precautions:

When using the #81170 Bearing Blaster, ***always wear safety glasses and protective hand gear such as latex or vinyl gloves and follow all precautions on the can of cleaner (or lubricant)***. Use cleaning sprays, solvents, and/or lubricants only in a well-ventilated area and away from fire or flames. **RPM** R/C Products cannot be held liable for failure to follow all safety precautions listed here and on any other products used in conjunction with the Bearing Blaster, nor may **RPM** be held liable for the intentional misuse of this product.

The #81170 Bearing Blaster is extremely effective on all ***open bearings*** and on most ***shielded bearings***. Consult the manufacturer of your ***sealed*** bearings before attempting to use the **RPM** Bearing Blaster on them. If you are not sure what type of bearings you have, consult your local hobby shop before using the Bearing Blaster.

RPM recommends using motor spray or electrical contact cleaner to clean your bearings. Lubrication is of personal preference. Consult your hobby shop for information regarding the types of bearing cleaners & lubricants available.

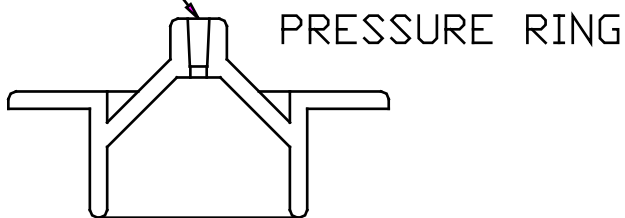
Using the #81170 Bearing Blaster:

The Bearing Blaster is designed to allow all waste products and debris to exit the bearing and the Bearing Blaster through the large openings in the bottom of the base. This prevents backpressure in the tool as well as preventing debris from re-entering the bearings. Because of this flow through design, the Bearing Blaster must be set on a rag or several paper towels to absorb excess cleaner (or lubricant). When finished, these rags or paper towels must be disposed of in accordance with all state and local laws.

Place the bearing to be cleaned on top of the base cap (See diagram). Place the pressure ring over the bearing. Using the extension tube supplied with your cleaner, slide the tube into the small hole at the top of the pressure ring. Push it in until it locks in place. With the other hand, press down firmly on the pressure ring. This is to force the cleaner through the bearing and to prevent the pressure of the cleaner blast from flowing around the bearing. Spray a short burst of cleaner through the Bearing Blaster, rotating the pressure ring back and forth as you spray to help dislodge debris trapped between the bearing balls and the bearing races. Remove the bearing from the Bearing Blaster and spin it between your fingers. You will be able to feel if there is any grit still in the bearing. If there is, repeat the procedure until the gritty feel is completely eliminated.

Set your bearings aside until they dry. Once dried, repeat the above procedures using a bearing lubricant. This will force lubricant throughout the bearing, consequently, dramatically extending the life of your bearings! Using the Bearing Blaster at regular intervals will dramatically improve bearing life and performance, which will result in a smoother, faster vehicle as well!

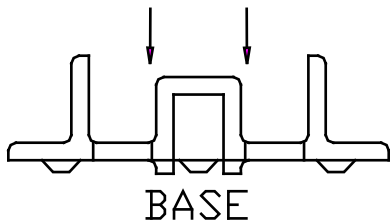
HOLE FOR SPRAY
TUBE



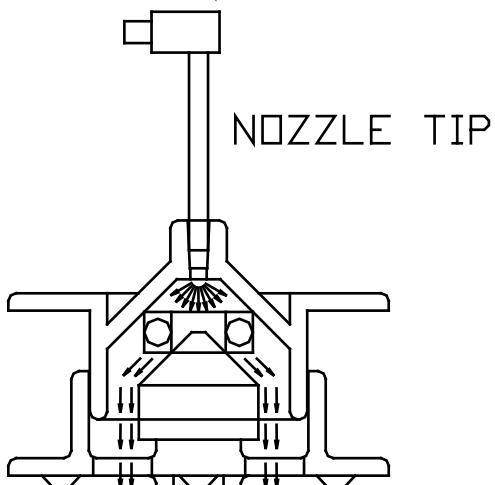
BEARING



BASE
CAP



SPRAY NOZZLE



TYPICAL FLOW
PATTERN