

# Empire® SA-17 Bottomline Kit Installation



## Rules for Safe Marker Handling

**IMPORTANT:** Never carry your marker uncased when not on a playing field. The non-paintball playing public and law enforcement personnel may not be able to distinguish between a paintball marker and firearm. For your own safety and to protect the image of the sport, always carry your marker in a suitable marker case or in the box it came in.

Safety and safe marker handling are the most important aspects of paintball sports.

For information, manuals and warranty details, go to: [paintballsolutions.com](http://paintballsolutions.com)

For manuals in other languages, (where applicable), go to: [paintballsolutions.com](http://paintballsolutions.com)

## Installation

The SA-17 bottom-line kit is designed to allow the use of CO2 tanks and high pressure output compressed air tanks directly on your SA-17 marker. Please follow the steps below for installation.

- Make sure your SA-17 is de-gassed and unloaded before installing this kit.
- Open the 12-gram door and slide the braided hose thru the hole in the door (Fig. 1).
- Thread the braided hose into the dummy 12-gram and tighten with a 7/16" wrench, (Fig. 2), making sure the Air Source Adapter (ASA) is going to line up correctly with the grip frame. The braided hose has a factory applied thread sealant. It will be necessary to use Teflon tape after the first installation.
- Place the dummy 12-gram into the 12-gram compartment locking it into the retainer.
- **IMPORTANT:** Close the 12-gram door and press the dowel pin thru the main body and door. **This will prevent the door from opening while using the bottom-line kit.** It may be necessary to use a small punch and hammer to fully insert the pin (fig. 3) [Arrow 1].
- Line up the ASA to the grip frame and install the two screws, placing the shorter screw towards the front of the marker. Tighten both screws with a 1/8" Allen wrench (Fig. 3) [Arrow 2].
- Once the kit is installed, double-check that dowel pin and ASA screws are tight.
- Install an air source and check for leaks.

