



NEVER PIERCE A CO2 CARTRIDGE IF THE INSERT IS NOT CONNECTED TO THE REGULATOR

ALWAYS DEPRESSURIZE THE CO2 INSERT BEFORE REMOVING IT FROM THE REGULATOR

The inserts do not have a pin valve and will not shut off gas flow when disconnected. They must be depressurized before unthreading by removing the cartridge and venting all gas stored in the expansion chamber. The chamber can be vented by firing the gun until it runs out of gas.

Overview

UGS CO2 Inserts allow a Universal Gas Stock to accept either 12g or 33g CO2 cartridges in a milspec-diameter tube. This combines the benefits of a gas stock with the ability to use standard milspec AR stocks.

The CO2 inserts are equipped with standard ASA threads (the same threads found on an HPA tank) and can also be used as a CO2 cartridge adapter for a conventional regulator to make an extremely compact air rig.

The 12g insert accepts standard 12g CO2 cartridges.

The 33g insert accepts threaded 33g CO2 cartridges. Cartridges must have 1/2-20 threads and a diameter of no more than 1 inch.

The UGS CO2 inserts require the use of the milspec-diameter stock rail.

Installation

If you currently have a 2" HPA tank installed:

1. Remove the stock and HPA tank from the rifle.
2. Using a 3/32" allen wrench, remove the pivot screw of the UGS Stock rail, then remove the rail.
3. Install milspec-diameter stock rail and replace the pivot screw.
4. Thread in CO2 insert and replace the stock.

If you currently have a CO2 insert installed:

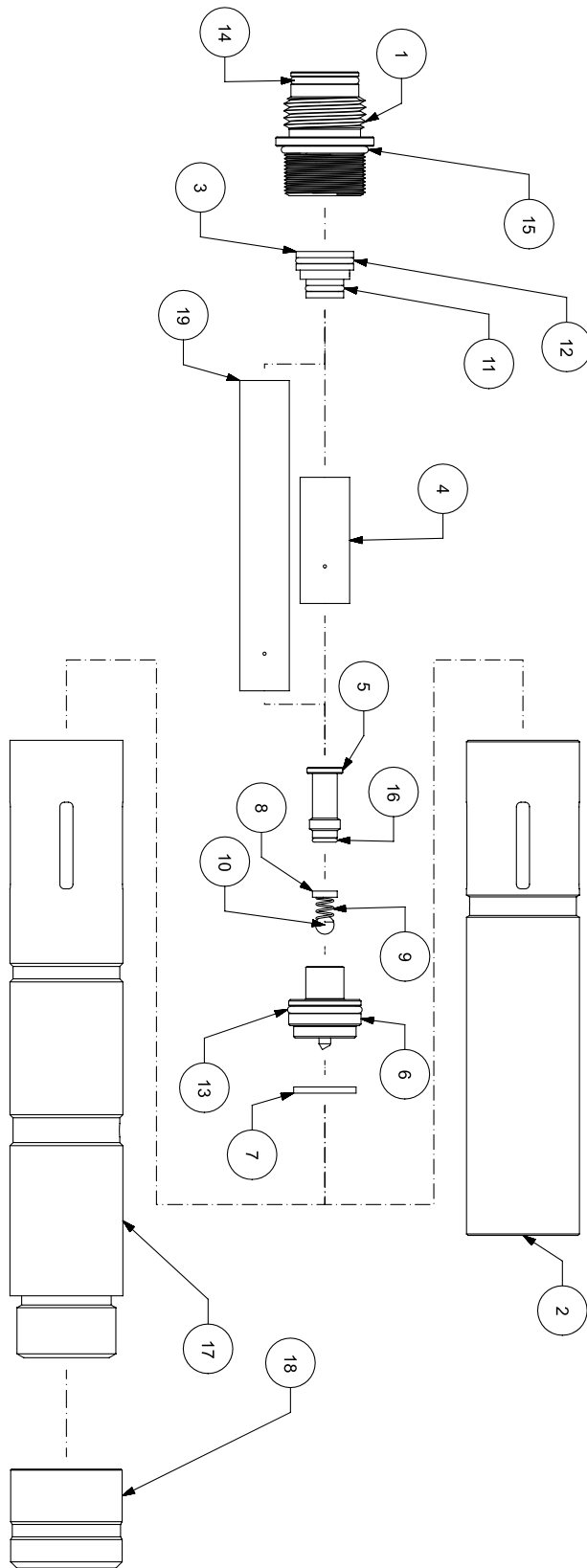
1. Remove the stock and any CO2 cartridge that is currently installed.
2. Vent all gas stored in the expansion chamber.
3. Remove the insert from the regulator and thread in the new insert.



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PC NO	PART NAME	PART NUM	QTY
1	ASA ADAPTER	10000486	1
2	UGS EXPANSION CHAMBER, 33G	10000496	1
3	OUTPUT BAFFLE	10000526	1
4	INNER BAFFLE, 33G	10000498	1
5	INNER BAFFLE	10000497	1
6	PIERCE PIN	10000489	1
7	CARTRIDGE SEAL	10000559	1
8	FILTER, 5 MICRON	10000534	1
9	CHECK BALL SPRING	10000533	1
10	CHECK BALL	10000532	1

PC NO	PART NAME	PART NUM	QTY
11	O-RINGX, M1.5 X 7.0 / 70	10000130	1
12	O-RING, M1.5 X 12.0 / 70	10000560	1
13	O-RING, -016 / 70	10000100	1
14	O-RING, -015 / 90	10000562	1
15	O-RING, -018 / 70	10000561	1
16	O-RING, M1.0 X 4.5 / 70	10000138	1
17	UGS EXPANSION CHAMBER, 12G	10000495	1
18	12G EXPANSION CHAMBER CAP	10000490	1
19	OUTER BAFFLE, 12G, UGS	10000558	1



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