



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

CGS CO2 Inserts allow a CGS system to accept various sizes of CO2 cartridges, including 12g and 33g. The inserts are a self-contained CO2 cartridge adapter which includes:

- Piercing system
- Check valve
- Gas filtration
- Anti-siphon and expansion baffles

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 ½-20 threads and a diameter of no more than 1 inch.

Installation

1. Remove the stock and any CO2 cartridge that is currently installed.
2. Vent all gas stored in the expansion chamber.
3. Remove the locking screw on the bottom of the CGS buffer tube (the larger #10-32 screw).
4. Remove any insert currently installed.
5. Thread in new CO2 insert completely, then slowly back it out until the first locking slot lines up with the locking screw hole.
6. Replace the locking screw.



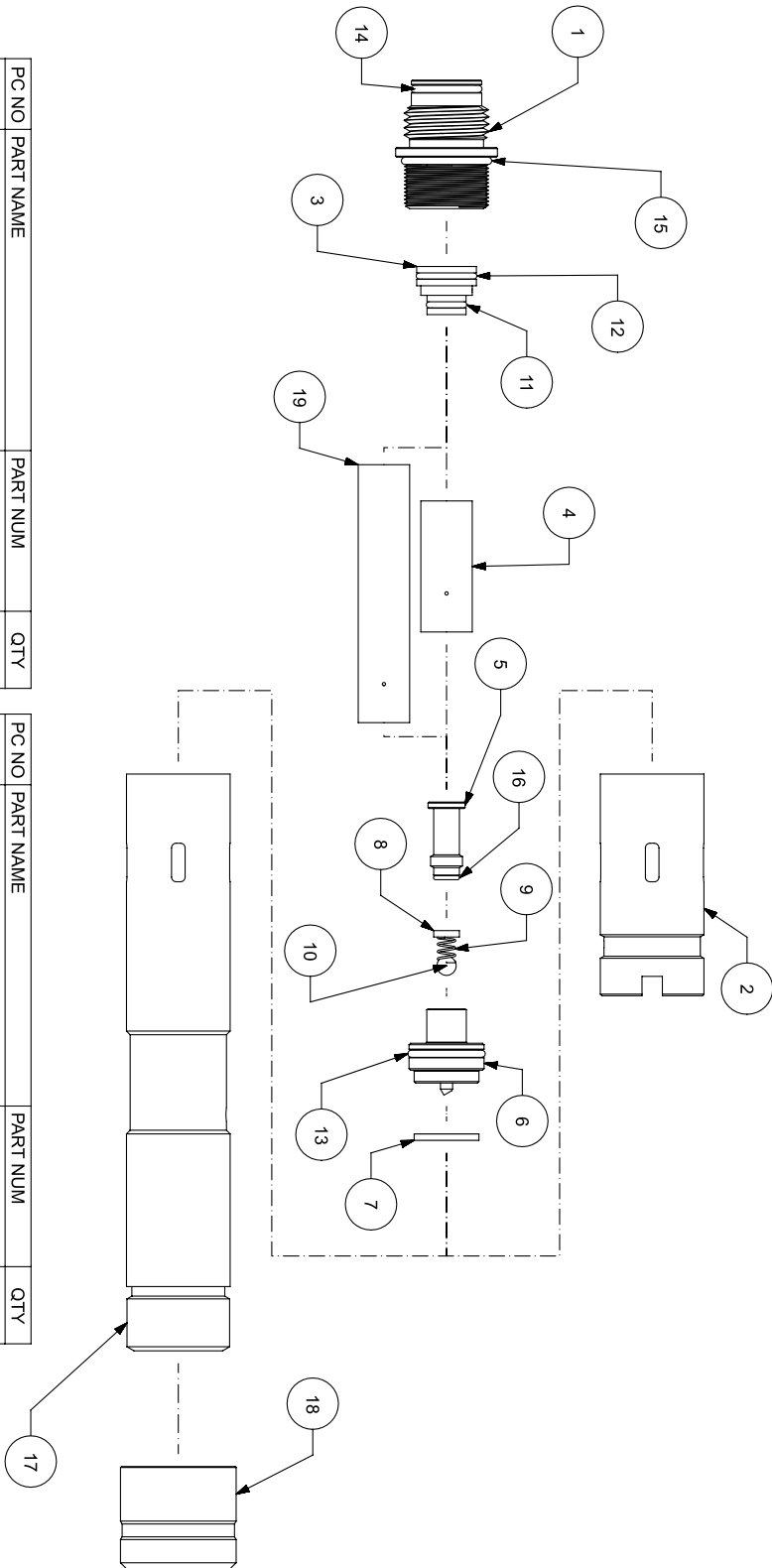
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PC NO	PART NAME	PART NUM	QTY
1	ASAADAPTER	10000486	1
2	CGS EXPANSION CHAMBER, 33G	10000494	1
3	OUTPUT BAFFLE	10000526	1
4	OUTER BAFFLE, 33G	10000498	1
5	INNER BAFFLE	10000497	1
6	PIERCE PIN	10000489	1
7	CARTRIDGE SEAL	10000559	1
8	FILTER, 5 MICRON	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	CGS EXPANSION CHAMBER, 12G	10000493	1
18	12G EXPANSION CHAMBER CAP	10000490	1
19	OUTER BAFFLE, 12G, CGS	10000530	1



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