

2017 NINJA FILL PANEL V2 OWNER'S MANUAL

- **WARNING: PERSONAL INJURY OR DEATH**
- **ONLY FOR COMPRESSED AIR OR NITROGEN.**
- **READ THIS MANUAL PRIOR TO USING THE FILL PANEL.**
- **DO NOT DISASSEMBLE THE FILL PANEL.**
- **IF YOU HAVE ANY QUESTIONS CALL 877-646-5287**

The fill panel is **NOT** a regulated panel. The fill panel will deliver the pressure supplied to the input hose assembly. If you need to regulate the air supply source to 4500PSI or lower, we recommend you install the Ninja High Pressure Fill station between the air supply source and the Fill Panel.

The fill panel has 1 micro hose assemblies attached.

MICRO FILL HOSE WITH SAFETY Paintball Female QD

START UP

Secure the fill panel using the (4) holes in the base with appropriate screws.

Attach the air supply source to the input JIC-4 fitting (see Figure 2.2 on page 2).

Do not exceed 4500 psi, the fill panel is NOT regulated and will deliver the same pressure as the air supply source input. If you need to regulate the air supply source to 4500PSI or lower, we recommend you install the Ninja High Pressure Fill station between the air supply source and the Fill Panel.

FILL PROCEDURE:

- **Connect the air system to the Micro Fill Hose assembly QD.**
- **Push and hold the button down to start the fill.**
- **Release the button to vent.**
- **Wait for venting to stop.**
- **Disconnect the air system.**

Call Ninja @ 877-646-5287 for service.

Push Button Assembly:

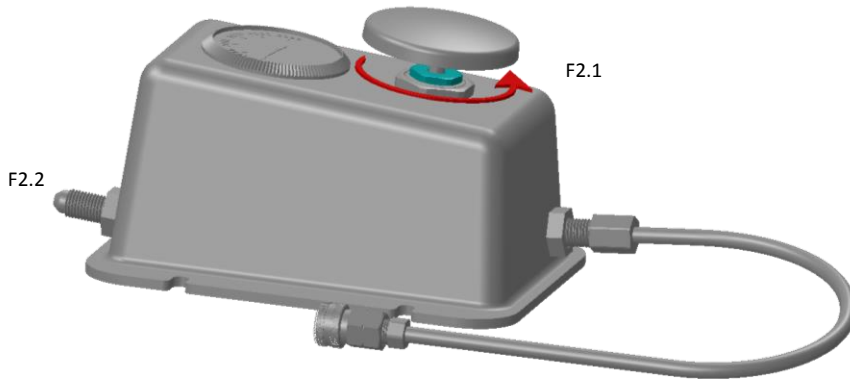
| | | | | |
|-----------------------|------------------|-------------------------|------------------|-----------------------|
| 1. High pressure plug | 2. O12 Oring | 3. High Pressure Spring | 4. 0.25" ball | 5. High Pressure Seat |
| 6. O10 Oring | 7. Main Body | 8. 004-90 PU cast Oring | 9. Oring Jam Nut | 10. Return Spring |
| 11. Shaft | 12. O10-90 Oring | 13. Housing Nut | 14. O15 Oring | 15. Retaining Nut |

Figure 1



Maintenance:

Figure 2



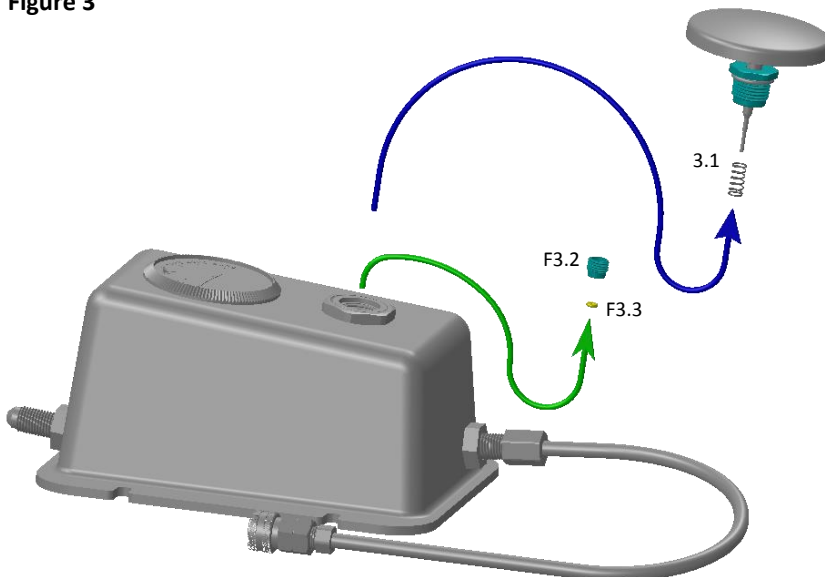
If the unit leaks under use:

First check the JIC-4 fitting for fill whip and the gauge. During use these can loosen over time.

If the unit still leaks under use, replace the **8. 004-90 PU cast Oring** :

- 1. REMOVE AIR SOURCE.**
- Using a 3/4" wrench, unscrew the **13. Housing Nut (F2.1)** and remove the button/shaft assembly (**F3.1**).
- Remove the **10. Return Spring (F3.1)**.
- Using a 3/16" allen key preferably WITHOUT a ball end, remove **9. Oring Jam Nut (F3.2)**.
- Remove and replace the **8. 004-90 PU cast Oring (F3.3)**
- After replacing the **8. 004-90 PU cast Oring** reinstall the **9. Oring Jam Nut** snug to a hard stop using a 3/16" allen key.
- Reinstall the **10. Return Spring** by inserting the spring into the counterbore in the **9. Oring Jam Nut**.
- Grease the lower shaft with a silicone based oring lube and reinstall the button/shaft assembly (**F3.1**) by: Inserting the shaft through the **10. Return Spring** and pass through the **9. Oring Jam Nut** and **8. 004-90 PU cast Oring** and threading the **13. Housing Nut (F2.1)** back into the **7. Main Body**.

Figure 3



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