DAYTONA
AIRSOFT

Daytona Gun Airsoft Maintenance Guide

Contents

Basic Information

Introduction

Daytona Guns require regular maintenance and upkeep on the part of the user in order to maintain peak function. This guide will provide the basics on how to keep your Daytona Gun clean and functional.

Frequency

How often should you perform regular maintenance? This will depend largely on how often you use the gun. If you use it once or more a week, you would likely want to perform maintenance once every week or two. If the gun is used rarely, then a monthly or possibly bi-monthly maintenance schedule would be appropriate.

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What You Need

Necessary:

- Silicone oil or grease, such as GetSome
- Paper towels, shop cloths, or similar
- Cotton swabs or other wipes
- Semi-permanent thread lock, such as Loctite 243
- Any tools necessary to disassemble your donor body
- 2mm hex wrench
- 2.5mm hex wrench
- Barrel cleaning rod

Potentially Necessary:

- A new POM crush ring
- A new airshaft spring
- O-rings
- Alcohol-based surface cleaner (in case of particularly bad grease buildup or fouled barrel)
- A diamond file with a flat surface

Lower Receiver Maintenance

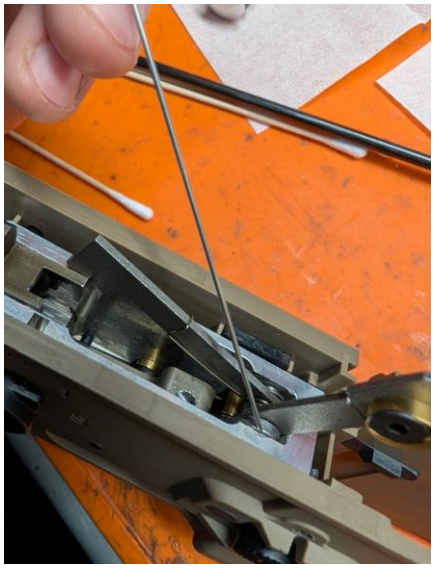
This information should be applicable to all Daytona Guns that split between their upper and lower receivers, as well as for other select-fire guns that do not have separate receivers (such as the AK). For maintenance relevant to machine guns, please skip to Upper Receiver Maintenance.

Trigger Chassis Maintenance

1. Remove and set aside your upper receiver or dust cover
2. Check the travel of the internal trigger components for resistance
3. Pull the full auto sear up and rest it on top of the trigger chassis
4. Allow the semi sear to pop up out of the valve knocker
5. Check that the bolt holding the brass semi lobe to the semi sear is tight. If it is loose, remove it, apply some thread lock, and reinstall both components

6. Check the semi sear valve knocker contact face for rounding. It should be flat. If it has rounded off, you will lose semi function. File the surface flat again with the diamond file if necessary

7. Apply a thin layer of lubricant to the sides of the sear bracket where it contacts the trigger chassis

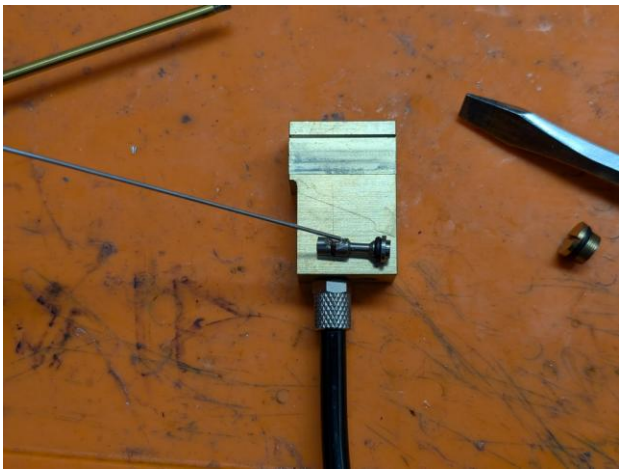


8. Check that any machine bolts of set screws necessary for holding your fire selectors in place are tight. Remove them, apply thread lock, and reinstall them if necessary

Air Valve Maintenance

1. Remove the air valve and airline from the receiver
2. Remove the rear cap of the air valve using the flathead driver
3. Push the valve stem from front to back out of the air valve using a narrow tool or punch

4. Check that the two o-rings on the valve stem are intact
5. Apply lubricant to the o-rings and reinstall the valve



6. Check that the valve stem can move back and forth with minimal effort – apply more grease or oil if there is a great deal of resistance
7. Reinstall the air valve cover and tighten it down with the flathead driver

Bolt Tank & Airshaft Maintenance

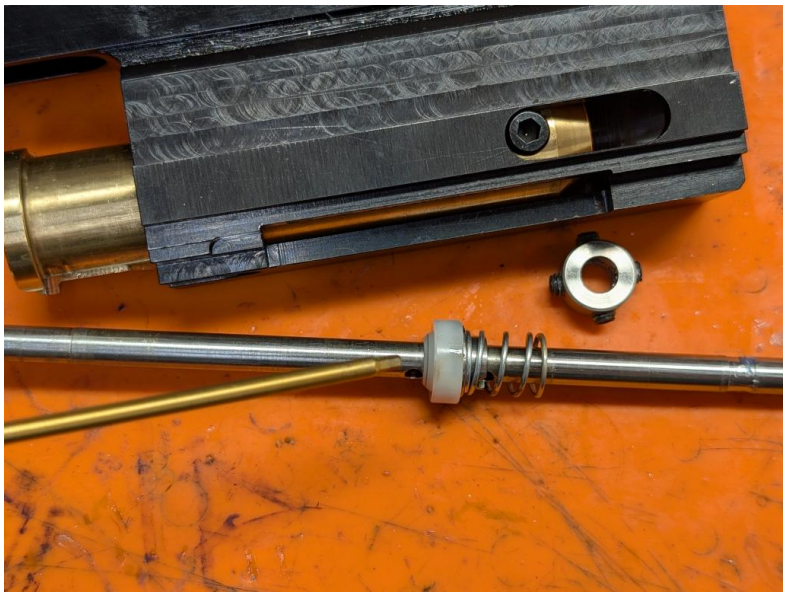
Bolt Carrier Disassembly

1. Remove the bolt carrier from the upper receiver
2. Loosen the four set screws holding the airshaft collar onto the rear of the airshaft using the 2mm hex wrench

3. Pull the airshaft collar (and any plastic spacer accompanying it) off the back of the airshaft
4. Pull the airshaft and plunger out the front of the bolt tank

Airshaft Maintenance

1. Examine the crush ring (whether POM or rubber) for any signs of damage such as tears or cracks
2. Check that the crush ring is glued firmly to the airshaft



3. Replace the damaged crush ring if necessary, or apply glue (CA/Super glue) to the airshaft and reapply the crush ring if it is loose but not damaged
4. Check to make sure that the airshaft spring is not worn out or deformed. Replace it if necessary
5. Check the tightness of the set screw in the rear of the airshaft using a 2.5mm hex wrench. This should not be loose. If it is, remove it, apply thread lock, and reinstall it so that the rear of the set screw is flush with the rear of the airshaft

6. Check the o-rings on the plunger for damage or wear, and replace if necessary.

7. Apply fresh lubricant to the plunger o-rings

8. Use cotton swabs and/or paper towels to clean the inside of the bolt tank before reassembly
9. Apply a small amount of lubricant to the rear of the airshaft both in front of and behind the airshaft collar

Barrel Group Cleaning

1. Turn your hop up all the way off
2. Pass a dry cleaning rod (using only paper towel or a soft brush) down through the barrel repeatedly until the barrel is fully clean
    - If the barrel is badly fouled, then you can consider using an alcohol-based cleaner to help remove any stubborn residue

Reassembly

1. Wipe any old lubricant off the bolt carrier
2. Apply lubricant to the bolt carrier where it contacts the rails of the upper receiver

3. Reinstall the bolt carrier
4. Reassemble the gun