CHAPTER III
OPERATION UNDER EXTREME CONDITIONS

a) Extreme heat (moist or dry): No special procedures required.
b) Extreme cold: Extreme cold might shorten battery life.
c) Salt air: No special procedures required.
d) Sea spray, water, mud and snow: Ensure that battery cap and both adjustment screw caps are tight before exposing the sight to sea spray, mud, snow or before immersing the sight in water. Hand tighten only. Keep lens caps closed when sight is not being used. Clean lenses with lens paper/cloth and wipe the sight dry as soon as possible after exposure to water, sea spray, mud or snow.
e) Dust storms and sand storms: Keep lens caps closed when sight is not being used.
f) High altitudes: No special procedures required.

CAUTION:
The lenses should never be cleaned with fingers – use a lens paper/cloth. If no lens paper/cloth available:
- To clear away debris (sand, grass etc): blow away the dirt.
- To clean lenses, mist the lenses and dry them with a clean and soft piece of cloth.

CHAPTER IV
TROUBLE SHOOTING PROCEDURES

4.1 Red dot does not appear
- Replace battery
- Battery installed incorrectly: Remove and reinstall battery with (+) toward cap
- Battery is not making good contact: Clean contact surfaces and reinstall battery
- Notify gunsmith or local Aimpoint Dealer.

4.2 Impossible to zero
- Adjustment screw is at its limit: Check alignment of mount to barrel
- Impact point is moving: Check mount stability

MAINTENANCE
a) This reflex sight does not require any particular maintenance when used under normal conditions.
b) Under severe weather conditions please refer to chapter III.
c) Keep lens covers closed whenever the sight is not in use.
d) Long term storage: Remove battery from sight. Allow lens surfaces to dry completely (if wet) before closing the lens covers.
e) To clean lenses refer to caution in CHAPTER III.

CHAPTER V
MAINTENANCE

a) This reflex sight does not require any particular maintenance when used under normal conditions.
b) Under severe weather conditions please refer to chapter III.
c) Keep lens covers closed whenever the sight is not in use.
d) Long term storage: Remove battery from sight. Allow lens surfaces to dry completely (if wet) before closing the lens covers.
e) To clean lenses refer to caution in CHAPTER III.
CHAPTER I
1.1 PRESENTATION
The Patrol Rifle Optic (PRO) is a rugged precision electronic red dot sight developed for civilian, military, and law enforcement applications. Aimpoint sights are designed for the "both eyes open" method of sighting, which greatly enhances situational awareness and target acquisition speed. A Aimpoint Dealer.

If you have further questions, please contact your gunsmith or local Aimpoint Dealer.

1.2 SPECIFICATION
Material – housing:
Material – lens covers:
Surface finish:
Optical magnification:
Eye relief:
Optical coating:
Dot size:
Dot brightness:
Batteries:
Battery life:
Adjustment:
Multi-layer coating for reflection of dot
Optical coating:
Eye relief:
Optical magnification:

1.3 LOCATION AND DESCRIPTION OF MAJOR COMPONENTS AND FUNCTIONS
1. Battery Cap
2. Battery (DL1/3N or similar)
3. Cover for adjustment screw
4. Adjustment Screw (elevation)
5. Adjustment Screw (windage)
6. Lens Cover, rear
7. Lens Cover, front
8. Removable Spacer
9. QRP2 Mount
10. Torque knob
11. Mounting Screw
12. Ring Mount
13. Rotary Switch
14. Strap
15. Mounting Screw short
16. Allen Wrench for screws # 15

2.1 OPERATION UNDER NORMAL CONDITIONS
2. OPERATION UNDER SPECIAL CONDITIONS
3. OPERATION UNDER EXTREME CONDITIONS

3.1 MOUNTING PROCEDURE
a) Select a groove on the rail that will give you a correct position for the sight. Ensure that the groove is undamaged and clear of dirt and sand.
b) Loosen the torque knob (10) by turning it counterclockwise.
c) Install the mount and sight on the rail (fig. 2). Make sure that the mount is correctly positioned and that the recoil stop is in the selected groove.
d) Push the mount forward (fig. 3). The recoil stop shall be in contact with the front edge of the groove.
e) Tighten the torque knob (fig. 4) clockwise until it snaps twice. This ensures that the mount is secured.
f) Test fire the weapon with the sight mounted. Retighten the torque knob (10) after a few rounds, if necessary.
g) Perform complete zeroing procedure according to 2.2.1.

WARNING: Ensure the weapon is cleared, unloaded, and the safety selector is in the "safe" position before attempting to install, remove or perform maintenance on the sight.

Installing Battery
a) Remove battery cap by turning it counterclockwise.
b) Insert battery with positive (+) end toward cap.

Before installing battery cap, inspect that the o-ring is present and not damaged. Failure to do so could result in water leakage into the battery compartment.
c) Install battery cap by turning clockwise until snug. Hand tighten only.

Using tools could damage equipment.
d) Verify that the red dot is present by turning the rotary switch clockwise.

NOTE: Grasp the checkered portion of the knob only to prevent pinching of fingers when the shaft opens and snaps shut.

CHAPTER II
2.1 OPERATION UNDER NORMAL CONDITIONS
Assembly and preparation for use

If nothing else stated, tolerance acc. to ISO 2768-m
Note
Drawn by
1:1
Rev. date Sheet
Scale
Drawing no.
ECM no.
Release level
Denomination Revision
Approved by Date PDM version
Material
Proj. method
ECM number
Material – lens covers:
Surface finish:
Optical magnification:
Eye relief:
Optical coating:
Dot size:
Dot brightness:
Batteries:
Battery life:
Adjustment:
Multi-layer coating for reflection of dot
Optical coating:
Eye relief:
Optical magnification:

2. LOCATION AND DESCRIPTION OF MAJOR COMPONENTS AND FUNCTIONS
1. Battery Cap
2. Battery (DL1/3N or similar)
3. Cover for adjustment screw
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