

## CARE AND MAINTENANCE

Maintain the metal surface of the RMD by removing any dirt or sand with a soft brush so as to avoid scratching the finish.

Wipe the lens with a clean flannel cloth to keep it clean and dry. In order to avoid scratching the glass, ensure both the lens and cloth are clean. Do not use finger or finger nail to touch/clean lenses.

Store the RMD in a cool dry place when not in use. Be careful to avoid contact with acid, alkaline or corrosive chemicals. Remove battery if the RMD is being stored away for an extended period of time.

Do not attempt to lubricate any part of the RMD.

Do not disassemble the RMD. Any such action will void the warranty.

**CAUTION:** Viewing the sun can cause serious eye injury. Never look directly into the sun with this or any RMD.

## THE BEST NEVER REST WARRANTY - LIFETIME

Leapers, Inc. warrants that all UTG & UTG PRO products conform to published specifications and are free from defects in material and workmanship. We will repair or replace defective products for the duration of the product's life span. Our dedicated in-house customer service professionals will provide the best-in-class UTG experience.

**NOTES:** Our warranty does not extend to products disassembled, damaged from misuse, accidental impact, negligence, natural disasters/accidents, or unauthorized repair or alteration.

For any questions regarding the process, please feel free to call us at (734)542-1500 or email us at [office@leapers.com](mailto:office@leapers.com)



LEAPERS<sup>®</sup>, INC.

RDM20 REFLEX  
MICRO DOT

USER MANUAL



**WARNING:** Read entire manual before mounting optic. Make sure the firearm is not loaded.

## BATTERY INSTALLATION

Remove the Reflex Micro Dot (RMD), one CR2032 battery, and the T10 Torx wrench from its packaging. The RMD comes ready out of the box with its Low Profile Picatinny Mounting Base attached. Use the T10 Torx wrench to remove the two #6-48 Torx screws attaching the RMD to the Low Profile Picatinny Mounting Base by turning the screws counter-clockwise.

Once the screws are removed and the RMD and mounting base are separated, you will gain access to the underside of the RMD where the battery housing is located.

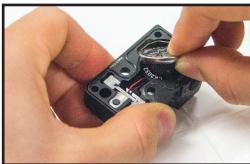
Insert a single CR2032 Battery with its + Side facing outward into the battery housing by inserting one edge of the battery to make contact with the housing's metallic side wall first and then gently easing down the remaining portion of the battery until flush with the underside of the RMD.

Test the RMD for proper battery installation by holding the battery in place with your finger and applying a single press to the On/Off Activation Button located on the left side of the RMD, the RMD should turn on. Press and hold the activation button for 3 seconds to turn the RMD off.

## POWER ON/OFF & BRIGHTNESS ADJUSTMENT

The Reflex Micro Dot features a 4 MOA single dot in either red or green illumination (depending on model), 6 power intensity settings, and 1-Click Illumination Memory which upon activation, diverts the user to the last power intensity setting used.

**POWER ON:** Apply a single press to the On/Off Activation Button located on the left side of



the RMD.

**POWER OFF:** Press and hold the On/Off Activation Button located on the left side of the RMD for 3 seconds.

**BRIGHTNESS ADJUSTMENT:** Upon activation, applying a single press to the On/Off Activation Button will cycle through one power intensity setting of the six available. Once through all six, the cycle will repeat itself.

## LOW PROFILE PICATINNY MOUNTING BASE INSTALLATION

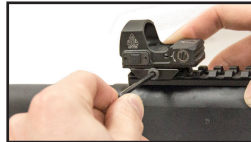
With the battery properly installed, carefully place the RMD onto the Low Profile Picatinny Mounting Base, assuring that the base's four mounting bosses are inserted into the RMD's corresponding four recesses and resulting in the RMD's screw holes being in line with the base's threaded screw holes.

Use the T10 Torx wrench to install the two #6-48 Torx screws (these are the screws that the RMD came preinstalled with out of the box) through the RMD and into the Low Profile Picatinny Mounting Base's threaded screw holes by turning the screws clockwise to tighten. Apply 12 In-lbs of torque.

Test the RMD for function by applying a single press to the On/Off Activation Button located on the left side of the RMD, the RMD should turn on. Press and hold the activation button for 3 seconds to turn the RMD off.

While following all basic rules of firearm safety and after ensuring the firearm is unloaded, use the included 3mm Hex wrench to loosen the Side Plate Screw by turning counter-clockwise. Only loosen the screw so far as to provide enough clearance for the RMD to mount and seat evenly.

Once seated evenly with the mounting base's square-



shaped integral stop interfacing properly within a Picatinny slot, retighten the Side Plate Screw by turning clockwise. Apply 35 In-lbs of torque.

## GLOCK® MOS INSTALLATION

While following all basic rules of firearm safety, first ensure the firearm is unloaded by removing the magazine and locking the slide open.

Once the slide is locked open, visually and physically inspect both the chamber and magazine well of the firearm to confirm no ammunition remains in either space.

Once confirmed that the firearm is unloaded, proceed with field stripping as per Glock® preventive maintenance standard operating procedure.

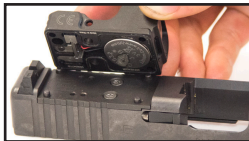
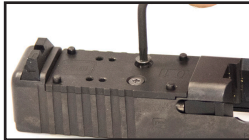
For installation of the RMD directly onto the Glock® MOS slide you will only want to work with the slide. Remove the barrel and recoil spring assembly.

With the slide resting on a flat surface, use the T10 Torx wrench included with the RMD or the Glock® MOS provided Torx wrench to remove the two Torx screws securing the preinstalled Glock® MOS cover plate to the slide. Turn the two Torx screws counter-clockwise.

Remove the two Torx screws and set aside. They will be used again later in the installation. Store the cover plate for safe keeping.

The RMD is compatible with Glock® MOS plate 01 (small frame) and the wider 05 (large frame).

Install the correct MOS plate for your application with its four mounting bosses facing upward, onto the slide assuring that the MOS plate's countersunk screw holes line up with the threaded screw holes of the slide.



Reinstall the two Glock® MOS provided Torx screws you set aside from earlier using the T10 Torx wrench included with the RMD or the Glock® MOS provided Torx wrench. Turn the two Torx screws clockwise to tighten. Apply 12 In-lbs of torque.

With the battery already installed, place the RMD onto the MOS plate assuring that the MOS plate's four mounting bosses insert into the RMD's corresponding four recesses found on its underside.

Use the T10 Torx wrench to install two of the M3 Torx screws included with your RMD (a total of three are included) through the RMD's screw holes and into to the Glock® MOS plate's threaded screw holes. **DO NOT use the screws that were included with your Glock® MOS Adaptor Set.** Turn the two M3 Torx screws clockwise to tighten. Apply 12 In-lbs of torque.

Test the RMD for function by applying a single press to the On/Off Activation Button located on the left side of the RMD, the RMD should turn on. Press and hold the activation button for 3 seconds to turn the RMD off.

Reassemble the firearm as per Glock® preventive maintenance reassembly standard operating procedure. Function Check the Firearm.



## SMITH & WESSON® M&P® C.O.R.E™ INSTALLATION

While following all basic rules of firearm safety, first ensure the firearm is unloaded by removing the magazine and locking the slide open.

Once the slide is locked open, visually and physically inspect both the chamber and magazine well of the firearm to confirm no ammunition remains in either space.

Once confirmed that the firearm is unloaded, proceed with field stripping as per the S&W® M&P® Safety & Instruction Manual.

For installation of the RMD directly onto the S&W® C.O.R.E™ slide you will only want to work with the slide. Remove the barrel and recoil spring assembly.

With the slide resting on a flat surface, use a 5/64" Hex wrench to remove the two Hex screws securing the preinstalled plastic S&W® C.O.R.E™ slide cap to the slide. Turn the two Hex screws counter-clockwise.

Store the two Hex screws and plastic S&W® C.O.R.E™ slide cap for safe keeping.

The RMD is compatible with the S&W® C.O.R.E™ Type 5 spacer plate.

With the slide resting on a flat surface, install the Type 5 spacer plate with its four mounting bosses facing upward, onto the slide. The spacer plate will only install one way.

With the battery already installed, place the RMD onto the S&W® C.O.R.E™ spacer plate, assuring that the spacer plate's four mounting bosses insert into the RMD's corresponding four recesses found on its underside.

Use a 5/64" Hex wrench to install the two Type "B" Hex screws (included with your S&W® C.O.R.E™ firearm) through the RMD and spacer plate screw holes and into the slide's threaded screw holes. Turn the two Hex screws clockwise to tighten. Apply 12In-lbs of torque.

Test the RMD for function by applying a single press to the On/Off Activation Button located on the left side of the RMD, the RMD should turn on. Press and hold the activation button for 3 seconds to turn the RMD off.

Reassemble the firearm as per the S&W® M&P® Safety & Instruction Manual.

Function Check the Firearm.

## WINDAGE & ELEVATION ADJUSTMENT

The Reflex Micro Dot comes out of the box with its single



dot centered. Only minor adjustments should be necessary, providing the firearm rail or attachment point is aligned. A Flathead Adjustment Tool is provided.

### WINDAGE ADJUSTMENT

To move the Point of Impact (POI) to the right, use the Flathead Adjustment Tool to turn the Windage Adjustment Screw located on the left hand side of the RMD clockwise.

To move the POI to the left, turn the Windage Adjustment Screw counter-clockwise.

### ELEVATION ADJUSTMENT

To move the POI up, use the Flathead Adjustment Tool to turn the Elevation Adjustment Screw located on the top rear of the RMD counter-clockwise.

To move the POI down, turn the Elevation Adjustment Screw clockwise.

If the Point of Impact is the Point of Aim (POA) at your specified target distance the RMD is zeroed.



### QUICK INSTALLATION REFERENCE

Application Type	Glock® MOS Small Frame	Glock® MOS Large Frame	Smith & Wesson® M&P® C.O.R.E™	Low Profile Picatinny Base
RMD Plate Compatibility	Glock® MOS Plate 01	Glock® MOS Plate 05	S&W® C.O.R.E™ Type 5 Spacer Plate	N/A
Installation Screw(s) Type	Glock® Cover Plate to Slide Screws (preinstalled): T10 UTG Provided RMD to Optic Plate Screws: M3 Torx NOTE: Do NOT use the Glock® Provided Screws for Installation of RMD to Optic Plate	Glock® Cover Plate to Slide Screws (preinstalled): T10 UTG Provided RMD to Optic Plate Screws: M3 Torx NOTE: Do NOT use the Glock® Provided Screws for Installation of RMD to Optic Plate	S&W® C.O.R.E™ Provided Type "B" Hex Screws	RMD to Base: #6-48 Torx Picatinny Side Plate: 3mm Hex
Torque Value	12 In-lbs	12 In-lbs	12 In-lbs	12 In-lbs for #6-48 Screws 35 In-lbs for Picatinny Side Plate Screw