

# FN SCAR

HANDGUARD WITH INTEGRATED BIPOD  
OWNER'S MANUAL

# SPECIFICATIONS

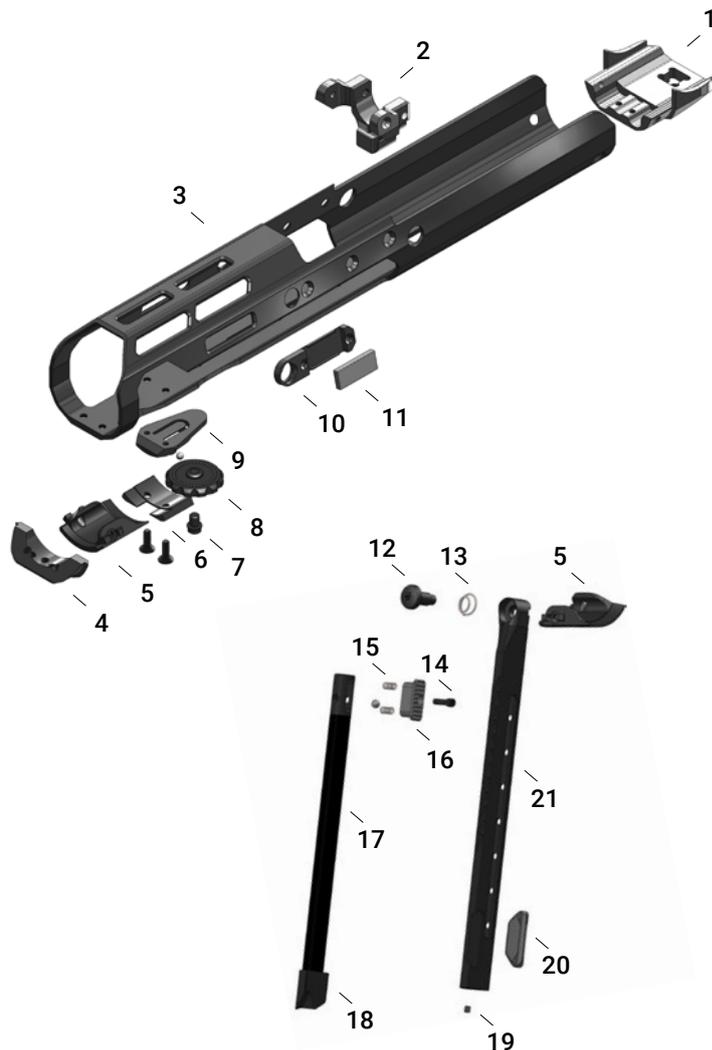
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Thank you for your purchase of the BLK LBL Bipod™.

Designed for improved accuracy, lightweight performance, and enhanced stability, the BLK LBL™ Bipod represents the pinnacle of modern bipod design. Built to perform in demanding conditions, it delivers the precision, control, and reliability you expect, so you can focus entirely on your shot.

## MAJOR PARTS (REPLACABLE)

1. Coupler
2. Brace
3. Handguard frame
4. Forward cup
5. Bipod cradle
6. Rear cup
7. Tension wheel screw
8. Tension wheel
9. Tension plate
10. Magnet retainer
11. Magnet
12. Leg joint screw
13. Leg joint spring
14. Leg button screw
15. Leg button spring
16. Leg button
17. Inner bipod leg
18. Rubber foot
19. Set screw
20. Magnet bar tab
21. Outer bipod leg



# INSTALLATION

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**The BLK LBL Bipod should be installed by a qualified gunsmith**

**WARNING!**

1. Reference the NSSF rules of firearms safety <https://www.nssf.org/safety/rules-firearms-safety/>
2. Keep the muzzle of the rifle pointed in a safe direction at all times and confirm the gun is unloaded.
3. Remove the barrel assembly from the rifle using the instructions in the SCAR owner's manual.
4. Remove the factory bridge inserts from inside the upper receiver.
5. Remove the picatinny rail section from the bottom of the barrel. Carefully apply heat to the T25 screw at the breach end of the barrel with a butane torch or equivalent. This screw is installed at the factory with a thread locking compound and will be much easier to remove if heat is applied. Be careful not to strip this screw.
6. Slide the BLK LBL Handguard over the end of the barrel and line up the hole in the coupler with the hole for the T25 screw just removed from the breach end of the barrel assembly.
7. Apply a small amount of red Loctite or equivalent to the threads of the T25 screw and insert it through the hole in the coupler of the BLK LBL handguard and into the barrel. Tighten to the screw until just snug.
8. Insert the BLK LBL Handguard and barrel assembly into the upper receiver and align the brace in the BLK LBL Handguard with the forward holes in the upper receiver.
9. Install the two T25 Screws supplied with the BLK LBL handguard into the brace through the upper receiver. Tighten the screws until just snug.
10. Tighten the barrel assembly to the upper receiver using the four T25 screws retained on the upper receiver during the removal of the barrel assembly. Tighten to 62 in lbs (7.0 N-m) in a criss-cross pattern.
11. Now tighten the T25 Screw Joining the Coupler to the Barrel to 60 in lbs (6.7 N-m) and the two T25 screws connecting the brace to the upper receiver to 40 in lbs (4.5 N-m).
12. Confirm the bipod does not touch the barrel when deployed and canted.
13. Re-assemble the remainder of the rifle and enjoy your new BLK LBL Bipod!

# HOW TO USE

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## **TO ENGAGE THE BIPOD:**

Push the MAGNET BAR TAB on the side of the HANDGUARD FRAME down and away from the handguard until the leg is at 90 degrees and locks into place. Repeat with the other side.

## **TO STOW THE BIPOD:**

With your thumb on LEG JOINT SCREW and your hand around the OUTER LEG push down with your thumb while pulling out with your hand. Pull the OUTER LEG outward on the LEG JOINT SCREW until it clears the lock and folds easily to the rear. Stow the legs one at a time to allow the pivot mechanism to align with the handguard. If you have difficulty aligning the legs with the handguard when stowing the legs, loosen the tension mechanism as detailed below.

## **ADJUST TENSION:**

The TENSION WHEEL is located behind the bipod pivot. Rotate the TENSION WHEEL to the right to increase tension and to the left to decrease tension.

## **LEG EXTENSION:**

Press down the LEG BUTTON on the inside of each leg and move downwards until the approximate desired height is reached, release button and continue moving until leg button clicks into its locked position.

**CAUTION** - When the bipod legs are extended, the rifle barrel is exposed in the area where the legs are normally stowed. DO NOT place your hands or any other part of your body on or near the barrel, as contact with a hot barrel may result in burns.

# MAINTENANCE

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## **PROTECTION**

Built with anodized and nitrided parts, the BLK LBL Bipod can withstand most environmental conditions. However only proper care can keep your bipod in good operating condition and maintain its appearance.

## **CLEANING**

Clean as you would your rifle. Never use corrosive cleaning products as these can severely damage the aluminum.

**WARNING** - Do not attempt to tighten any bolts on the bipod frame. These fasteners are permanently secured with Red Loctite® and are not user-serviceable. Attempting to tighten them further may strip the bolts and cause irreversible damage to the bipod.

# WARRANTY

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At BLK LBL, we stand behind the quality and craftsmanship of our products. Our integrated rifle bipod + handguard systems are backed by a lifetime warranty against defects in materials or workmanship. If your bipod fails under normal use due to a manufacturing or quality issue, simply return it to us and we will repair or replace it at our discretion.

While our warranty doesn't cover damage caused by misuse, abuse, or neglect, we understand that real-world use can be unpredictable. If your bipod takes an unfortunate hit—whether it's dropped, run over, or otherwise damaged—reach out to us. We'll do our best to get it back in working order for a reasonable repair cost.

Our lifetime warranty applies to the BLK LBL Bipod itself and does not cover accessories mounted to it or the firearm to which it is attached.

Please direct all warranty claims to [\*\*info@blk-lbl.ca\*\*](mailto:info@blk-lbl.ca)