



Instructions for attachment and use of Harris Engineering Bipods

Models 25C, 25, H, L, LM, BRM and BR Series 1A2 Non-Pivoting Base and Series S, Pivoting Base

*Manufactured by Harris Engineering, Inc
Barlow, Kentucky 42021*

Warning: Be sure the gun is unloaded, and the action open before attaching Bipods. Do not reach across barrel muzzle to make adjustments or manipulate Bipod. Engage gun's safety catch when handling Bipod.

Do not use on gun if the folded legs with extensions retracted extends beyond barrel muzzle.

Bipods legs are held in position by spring tension. If the gun is pulled backward or rotated horizontally without lifting the bipod the

Bipod legs may return to folded position, thus dropping the rifle. Do not use the Bipod on sloping hood of a vehicle. **THINK SAFETY.** Make sure there is nothing you don't want to shoot within a 45° angle to either side of the target.

Attachment to bolt action rifles of conventional stock design. Gun must have Q.D. stud of standardized dimensions. Some foreign studs may have greater diameters than American studs. Grind or file two small flats on the front and rear so that the stud will enter base aperture. The bipod base may not fit thin carbine type stocks or Schnable fore-ends. In which case a No. 7A adapter may be used. With few exceptions, the Bipod is attached with the legs to fold forward on long guns. The legs pivot a degree or two with recoil. With the Bipod mount backward recoil may disturb barrel bedding or flex receiver, thus effecting accuracy and point-of impact, or stock damage may occur.

The attachment device consists of threaded link with set screw and two claws. Back off screw until claws protrude through square aperture in base. With unloaded rifle held, press together pierced end claws. Pins are thus spread to receive Q.D. sling stud. After fitting to stud, check alignment of Bipod and tighten set screw firmly. Screw should always be kept tight, check occasionally. S.D. sling swivel can be attached to claws or auxiliary stud on Series S. Do not connect carrying sling to base strut (cross brace) on Series 1A2.

Knurled edge nut on the back of Series S base is a tension adjustment. Turn clockwise to increase resistance.

ATTACHING TO OTHER TYPE FIREARMS: The Bipods will fit some Savages M.99's, Most single shote rifles, most single shot pistols and some other guns with adapters.

With a Harris No. 14 Adapter, the Bipods will attach to a Ruger Mini-14 and Mini 30 rifles, except series 180. Bipods will not fit Ruger folding stock. Will fit most single shot handguns with the No. 4 Universal Adapter. No. 5 Stud allows mounting on AR-15 round handguard. Rem. XP-100 takes No. 8 Kit. Other adapters available.

TO EXTEND LEGS: Friction Lock Models (all except M Models): With the legs in erect position and the friction lock backed off withdraw the leg extension to maximum height. After some familiarity, intermediate adjustments can readily be made with one hand. Use the trigger finger and thumb to release catch and tighten friction lock while gripping leg extensions with the other three fingers. Do not reach across gun muzzle to unfold or adjust bipod legs.

LEG NOTCHED MODELS: (designed Model LM & BRM) These versions of the Low Rests have kick-out leg extensions which stop at maximum height. After familiarity, intermediate adjustments can be made quickly with on hand using the technique outlined above.

MAINTENANCE: Wipe steel parts occasionally with an oily rag. Do not wipe oil in vicinity of leather facing on base or get oil on leg extension. Occasionally grease leg hinge area on inside of base flange. Series S bipods have a hole in base hinge buttress. One drop of gun oil every year or two will suffice.

TIPS ON USE OF BIPOD: Each individual will determine the methods of use which best suit him. For shooting prone, however, it can be said that the crossed arm hold will be more effective than the traditional method of holding a rifle in prone position. The left thumb is supporting the butt stock.

The Bipods are made with great care; however, no mechanical device is infallible. If the leg catches or over-center springs or any other part effecting safety should malfunction return to manufacturer for repairs by insured mail or UPS. Bipod will be repaired without charge and promptly returned.

Limited Warranty: Guaranteed forever. Bipods may be returned directly to manufacturer by insured parcel post or UPS repair. Warranty does not extend beyond repair or replacement of Bipods or Adapters. Harris Engineering, Inc. has no control over and assumes no responsibility for manner in which Bipods and Adapters are used. Prices and specifications are subject to change without notice.

U.S. Pat. Nos. 4,903,425; 4,470,216; 4,641,451; 4,625,620; U.S. and Foreign Pats. Pending