



## Read complete instructions before installing this product.

Always follow proper firearm safety practices and wear safety gear when servicing or handling any firearm. Texas Weapon Systems is not responsible for your mishandling or improper use of a firearm.

### \*\*\* Assure the firearm is unloaded before servicing \*\*\*

#### Installation overview

1. Remove the rear leaf sight.
2. Remove the standard dust cover.
3. Install the new release button.
4. Fit the Dog Leg™ rail to the rifle.
5. Reassemble the weapon.

#### Detailed Installation Instructions

1. Remove the rear leaf sight.
  - 1.1. Securely hold the weapon in a rifle vise or a bench vise. When holding in a bench vise carefully clamp at the front trunnion area being careful not to crush the receiver. Wrapping the rifle with a rag will help prevent damage to the finish.
  - 1.2. Raise the leaf sight to the highest elevation setting. This is generally an 800-1000 meter setting.
  - 1.3. Place the point of a flat blade screw driver, or other convenient tool, into the central groove and near the hinge point of the sight leaf. A gentle tap on the driver with a rubber mallet is enough to pop it free. During the mallet strike the objective is to compress the leaf spring and force the axis pin out of the guide slot underneath. Wrap the leaf sight with a rag to prevent a forceful ejection and possible injury.
  - 1.4. Remove the leaf sight spring from the weapon and set aside. It will be reinstalled later.
2. Remove the standard dust cover and set aside. It will not be re-used.
3. Install the new release button.
  - 3.1. Remove the recoil spring assembly from the weapon.
  - 3.2. Test fit the new replacement button into the rear trunnion slot. **On some weapons it may be necessary to lightly sand the bottom surface of the release button to obtain an optimal fit in the trunnion slot.** The button should be able to fully slide to the rear of the slot. Add a drop of gun oil in the slot for a smooth function.
  - 3.3. Hold the recoil spring assembly in a bench vise with the spring in a horizontal position. Manually compress the spring about two inches and carefully remove the spring retainer cap. Set aside the spring and retainer cap for re-installation.
  - 3.4. Replace the standard release button with the new release button supplied in the box. Reassemble the recoil spring in the reverse order.
  - 3.5. Recoil spring assembly should be set aside for later installation.
4. Fit the Dog Leg™ rail to the rifle.
  - 4.1. Finger tighten the two adjustment bolts of the front tab to permit the tab to be adjusted in the cover groove.
  - 4.2. Attach the front tab to the rear sight block with the supplied hinge pin inserted from right to left. Do not install retaining clip yet.
  - 4.3. Adjust cover length to permit the rear edge of cover to set into trunnion groove. The length should be adjusted as far back as possible.
  - 4.4. Once the length is set, tighten the two adjustment bolts. A thread locking adhesive such as Loctite Blue is recommended.
  - 4.5. Remove the hinge pin and cover.
5. Reassemble the weapon.
  - 5.1. Re-install the leaf spring. Be sure the leaf spring dimple is properly seated into locating hole or the Dog Leg™ cover will not install properly. The leaf spring may be slightly flattened in a vise to facilitate installation of the cover front tab.
  - 5.2. Reassemble the weapon with the Dog Leg™ cover, hinge pin, and recoil spring assembly. A C-clamp may be used over the front tab to compress the leaf spring and align the hinge pin hole. Use a rag to protect the finish.
  - 5.3. The retaining clip should now be installed on the hinge pin.
  - 5.4. Close the cover and charge the carrier several times to seat the release button in the cover.
  - 5.5. The weapon is now ready for use.



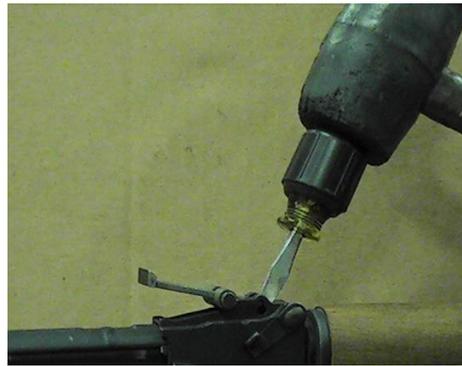
## Quick Installation Guide

Always follow proper firearm safety practices and wear safety gear when servicing or handling any firearm. Texas Weapon Systems is not responsible for your mishandling or improper use of a firearm. See opposite side for detailed instructions.

**\*\*\* Assure the firearm is unloaded before servicing \*\*\***



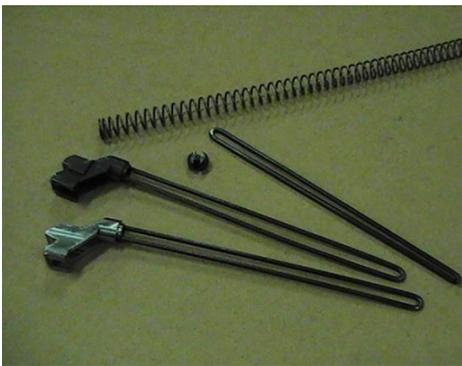
**Tools required:** -Rubber Mallet  
-Flat blade screwdriver  
-9/64 hex key wrench  
-Pliers



**1)** Remove leaf sight with a sharp strike. Cover the leaf sight with a rag to prevent forceful ejection.



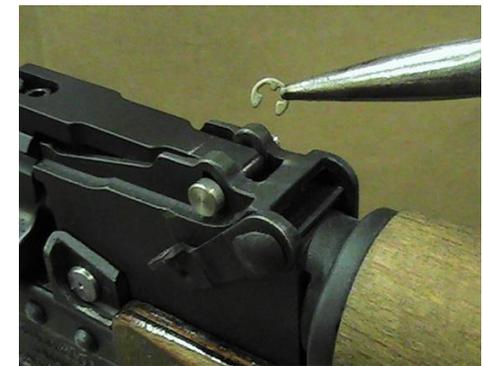
**2)** Remove leaf sight spring and set aside for installation later. Remove dust cover and recoil spring assembly.



**3)** Replace original release button with new button supplied with kit.



**4)** Adjust length of Dog Leg™ cover to fit weapon. Cover should be extended as far back as possible. After length adjustment re-install leaf sight spring.



**5)** Install the hinge pin from the right side of weapon. Secure with the retaining clip. Install recoil spring assembly and close cover.