

WHEN CHANGING OUT BARRELS

When the user is ready to change barrels on the Dimension™ rifle, follow the directions provided in the Safety & Instruction Manual that was provided with the rifle from the factory. If you don't have this manual, one will be provided free by contacting the factory. The Manual is also available via download at www.tcarms.com.

Loosen the rear 3/16" Hex screw (FIGURE 14). This screw is held captive in the base adapter - once fully loosened, the screw stays with the adapter on the rifle - ready to thread into the LOC™ Bridge Mount being used with the new barrel (FIGURES 1 & 2).

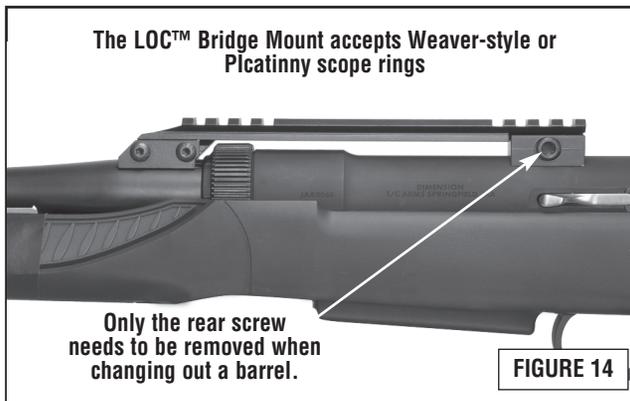
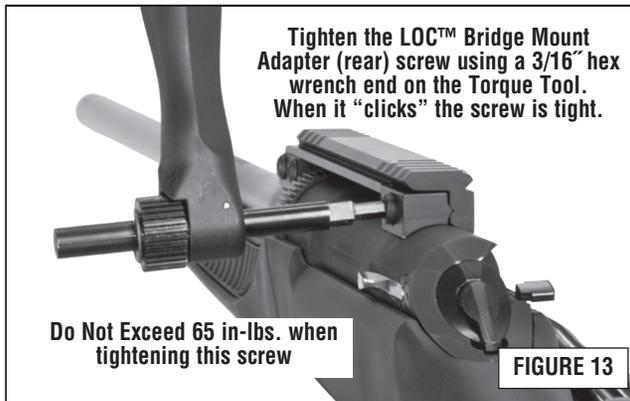
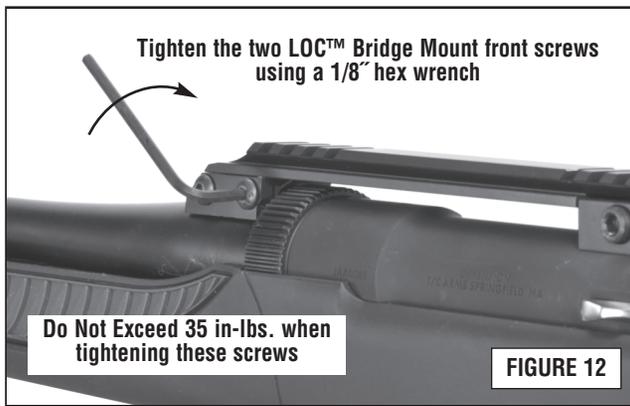
- WARNING -

Firing a scoped firearm with your eye too close to the scope eye piece, or failing to hold the firearm securely against recoil, may result in serious personal injury including, but not limited to, blindness.

NOTE: In our conducting drop testing, with a heavy scope mounted on a LOC Bridge Mount, it was possible to bend the scope mount if the barrel/mount/scope assembly is not well supported during strong impact. This could result in scope mount breakage when barrel is assembled onto the rifle and it is fired. Be sure to fully support the scope/bridge/barrel assembly when you transport or ship the barrel (with scope mounted) (FIGURE 15).

- WARNING -

Firing a scoped firearm with a cracked or broken mount can result in serious personal injury to the shooter or bystanders. Do not use a scope mount that has been damaged.



Instructions for the Use of Thompson/Center's Dimension™ LOC™ Bridge Scope Mount Base



- WARNINGS -

Always keep your firearm pointed in a safe direction. Never point a firearm at anything you do not intend to shoot.

For handling and loading information for Thompson/Center™ firearms see the Safety and Instruction Manual that accompanied your firearm from the factory. If you don't have a manual, they are available free by contacting the factory or via download at www.tcarms.com.

We recommend that you have a competent gunsmith install your scope & mount.

Never attempt to install a scope mount on a loaded firearm. Always ensure that the firearm is not loaded (FIGURE 4).

A scope which is not securely mounted may become detached upon recoil of the firearm. If it becomes detached it may fly back and strike the shooter or a bystander and cause injury. Observe the condition of the mounting screws after firing. If the mounting screws show signs of loosening DO NOT fire the gun again; call the Customer Service Department for assistance at 866-730-1614.

FAILURE TO HEED THESE WARNINGS MAY RESULT IN INJURY AND/OR DEATH TO THE USER OR BYSTANDERS AND DAMAGE TO PROPERTY.

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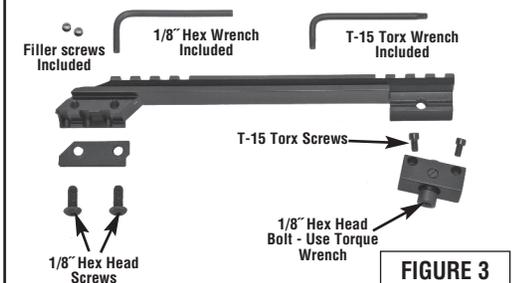
LOC™ Bridge Mount on T/C Dimension™ Rifle



Once installed, The LOC™ Bridge Mount stays sighted-in on the T/C Dimension™ barrel when it is changed out for a different caliber barrel.



LOC™ Bridge Mount as it comes from the package



The rifle must be unloaded and the chamber empty



Instructions for Use of the T/C® LOC™ Bridge Scope Mount Base on Dimension™ Rifles

If you decide to install the bases yourself, the tools needed for this project are: A T-15 Torx Wrench (provided), a 1/8" Hex Wrench (provided), the 3/16" Hex end on the Torque Wrench (provided with rifle), a small screwdriver and low - strength Loctite® ThreadLocker (FIG. 3).

This scope mount base is designed to provide maximum accuracy from the Dimension™ rifle when it is installed correctly and then stay sighted-in when the barrel is changed out with another barrel (FIGURES 1 & 2).

As received from the factory, the Dimension™ rifle has Weaver-style bases installed (FIGURE 5). These bases need to be removed to allow the LOC™ Bridge Mount to be installed.

Remove the Weaver-style bases from the receiver using the Torx wrench (see FIGURES 6 & 7).

Set the bases and screws aside for possible later use. Note that the rear base is taller than the front base - should you wish to reinstall them at some later date. Use the supplied filler screws to plug the empty holes where the front base used to be (FIGURE 10).

Assemble the front clamp of the scope mount as shown, with the 1/8" Hex screws loose so the mount will fit over the corresponding grooves in the rifle's barrel (FIGURE 8 & FIGURE 10).



FIGURE 5



FIGURE 6

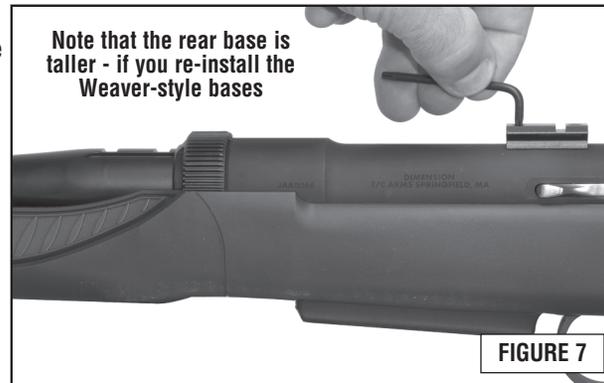


FIGURE 7

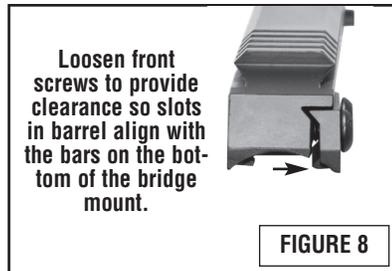


FIGURE 8

Install the LOC™ Bridge Mount rear adapter onto the receiver as shown (FIGURE 9) using the Torx Wrench to tighten the two screws. We recommend the use of Loctite® on these screws to help prevent them loosening during use. Follow the instructions provided with the Loctite® Threadlocker for proper application.

Assemble the front clamp with the two 1/8" hex screws and set the bridge mount into position and finger-tighten the two front screws and the rear screw to ensure that the mount is aligned correctly before final tightening is done (FIGURES 10 & 11).

Tighten the two front screws using the 1/8" hex wrench. Do not exceed 35 in-lbs. torque (FIGURE 12).

Tighten the rear screw using the 3/16" hex wrench end on the Torque Wrench that was supplied with the rifle. When the tool "clicks" the screw is tightened properly. Do not exceed 65 in-lbs. torque (FIGURE 13).

Proceed to install the rings and scope according to the manufacturer's instructions provided with those parts. We recommend T/C part number 50027 Low-Sporter Rings as a good match when using most one-inch diameter scopes (FIGURE 1 & 2).

NOTE: The LOC™ Bridge Scope Mount Base is made to accept either Weaver-style rings or scope rings with Picatinny dimensions.

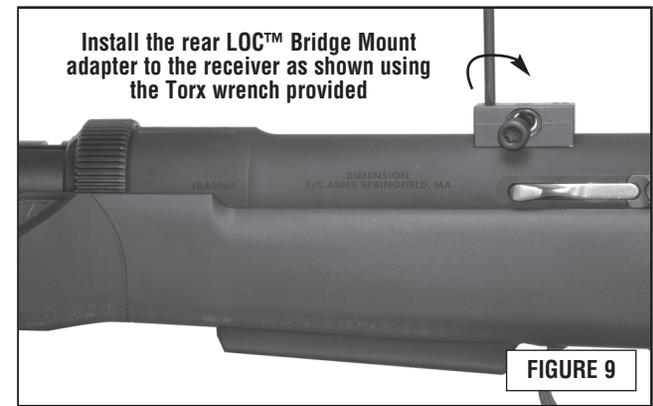


FIGURE 9

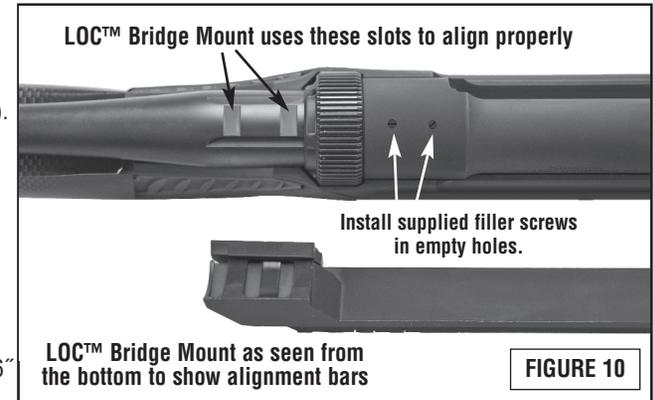


FIGURE 10

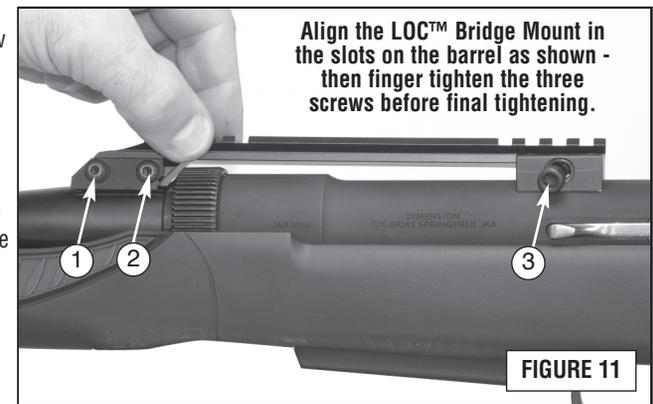


FIGURE 11