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All new, Wyvrn™ Break Open Action Kits now available

Requests from various individuals have led to the creation of an action suitable for installation of existing commercial barrels without modification.

The Wyvrn™ is a break open action with an exposed hammer allowing the user to re-cock the action in the event of a misfire without having to re-cock the action. It will handle any modern antique centerfire, rimfire or shotgun cartridge as well as front loading black powder barrels.

Two sizes of actions are available for use with T/C Encore or Contender barrels. Heavy-duty (1.250" diameter) barrels may be installed with only slight modification of the receiver. The larger barrel diameter provides extra metal above the chamber for scope mounting screws. It may be possible to alter the receiver to allow installation of other commercial barrels. The action contains a much stronger lockup which WILL NOT BEND OR BREAK under use. The latch lever only rotates approximately 11 degrees (about 5/16") to open the action.

It is also possible to alter the action to allow the use of either Encore or Contender barrels on the same frame. However, the extra complexity and resultant higher costs might be cost prohibitive. Anyone wishing this feature will have to place a special order.

All receivers are machined with integral trigger guards as right and left halves from solid steel and include octagonal profiling. CNC machining provides greater accuracy, eliminates problems encountered with investment castings, reduces cost and greatly eases construction for the kit builder. These parts require welding and may require stress relieving after welding.

Several components are laser cut from sheet stock. This process reduces cost and labor for the kit builder. To the best of our knowledge, we are the first company in the firearms industry to use this process.

A special feature built into the action allows headspace adjustment. This is ideal in the event excess headspace develops over time or one should receive a factory produced barrel that has been improperly chambered. No alteration of the barrel would be required to correct the problem. Headspace adjustment may be done in the field and does NOT require disassembly of the action or need for a gunsmith. Broken firing pins, extractor springs and other components are also easily replaced in the field. An additional feature allows for adjustment of the barrel to allow the rear barrel to be adjusted square with the breech face.

A recently developed improvement allows for ZERO headspace adjustment for EACH shot. This improvement does not require the use of any tools to operate. This feature must be asked for with any order, as it requires internal CNC machining alterations to the receiver.

The kit (shown in the photo below) consists of all necessary parts and materials to complete the action. There are only 7 small parts from scratch. Complete instructions and detail drawings are furnished. All springs are commercially available. In our estimation, a reasonably competent individual should be able to obtain a working action in about two days. This does not include welding, or cosmetic work (extra machining, filing polishing, etc.). Several easy to make jigs are recommended for greater accuracy when machining several of these parts. Drawings and photos are provided for the jigs.

Current production kits are 8620 alloy. Stainless kits temporarily available on special order only. Please inquire as to current availability and delivery.

Approximate finished size: 1.375" x 4" x 8.25" Approximate assembled weight: 3-3/4 pounds.

Stocks for this action are designed to be of the "drop in" style using two mounting screws on the bottom of the stock for greater strength. Stocks may be standard classic rifle, thumbhole or pistol configuration. Thru the stock mounting blots are optional.

