

## Mech-Tech CCU Interchangeable Stock Instructions

**I)** The following instructions refer to the interchangeable butt stock styles for the Mech-Tech Systems Inc. CCU units. These instructions pertain to Glock and 1911 CCU's.

**II)** The first and most important requirement is to be certain that the lower unit pistol frame has been removed from the CCU.

**III)** Please refer to FIG.1. This shows a threaded stud protruding from the rear of the unit. This stud is affixed to a thick aluminum plate and the plate has the rubber recoil buffer attached to it. The buffer and plate (buffer/stud plate assembly) are free to 'float' in the CCU housing.

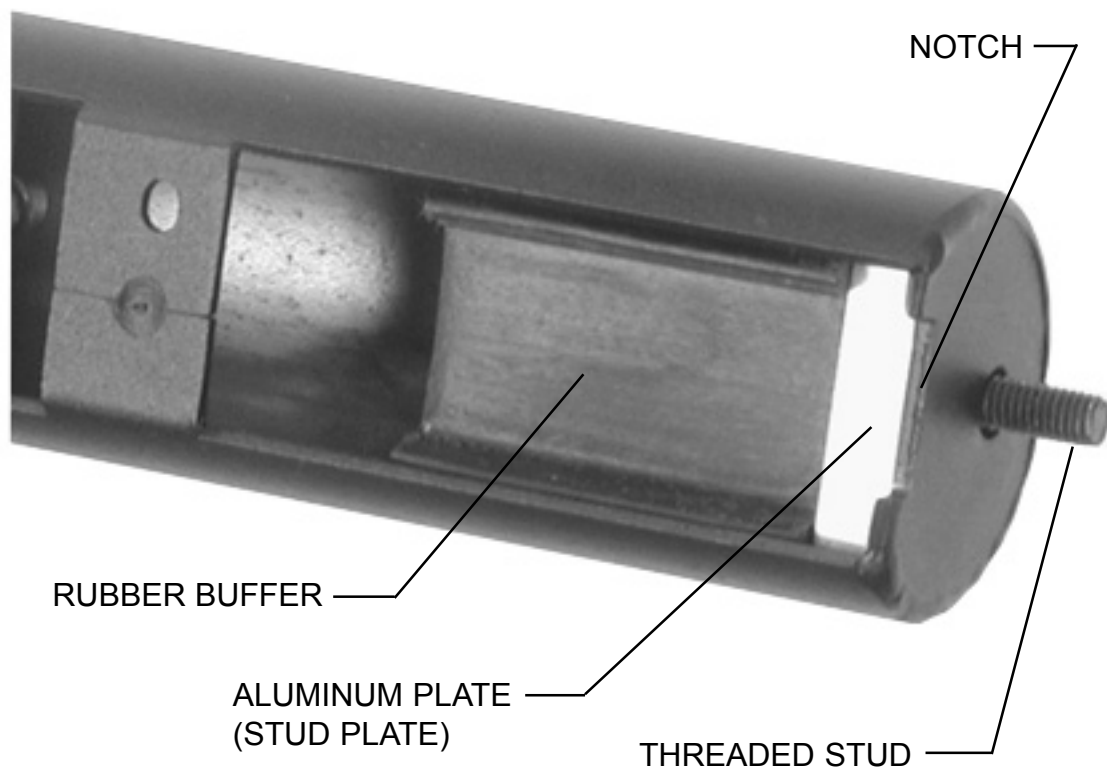


FIG.1

(Note: Early CCU's were fitted with a permanently welded butt stock. To use the interchangeable system it will be necessary to order the update housing kit from Mech-Tech.)

The threaded stud is the element which secures each stock style (Fixed, M4, Telestock) to the housing. A 3/8" box end wrench is the tool needed for the M4 - preferably a quality wrench with a thin ring. (A 3/8" - 1/4" drive socket for the Fixed Stock and a 1/2" open end for the Telestock.) Notice the 'notch' in Fig.1. This feature is part of the system which orients two of the stock styles rotationally (Fixed and M4). Now see Fig.2 and note the two projections on the interface mounting surface. These projections engage the 'notch' as shown in Fig.3.



FIG.2

(When attaching or removing stocks, hold the CCU vertically with the muzzle down on a soft surface.) With one hand hold the buffer/stud plate assembly inside the housing in a position where the threaded stud projects all the way through the end of the housing. Now position the stock so that the threaded stud goes through the stud hole in the stock. Make certain that the projections engage the 'notch' properly as shown in Fig.3. Do all this with the top of the CCU facing you.



FIG.3

IV) The M4 and Fixed stocks attach in a similar fashion. The M4 has an access opening (Fig.4) and the Fixed Stock is accessible from either side (Fig.5). In both units there is sufficient room to install the retaining nut first by hand and then final tightening with the appropriate wrench. In both cases it is necessary to ensure that the projections (Fig.2) on either stock style properly engage the 'notch' (Fig.1) and that the threaded stud projects fully. The buffer/stud plate assembly needs to be held in place simultaneously with the stock while the retaining nut is started and tightened on the stud. The M4 stock is a little tricky but doable with practice.



FIG. 4

Once the retaining nut has been spun onto the stud as far as finger tightening allows, a wrench will be needed to do the final tightening. Do not overtighten the nut - a snugging torque is all that is needed. The Telestock does not use the projections found on the M4 and Fixed stocks. The Telestock is rotationally oriented visually by observing the underside of the CCU housing and symmetrically positioning the 'legs' (Fig.7) with respect to the sides of the housing. With all three stock styles be certain that the buffer/stud plate assembly is oriented rotationally such that the stud plate is approximately parallel to the 'notch'.

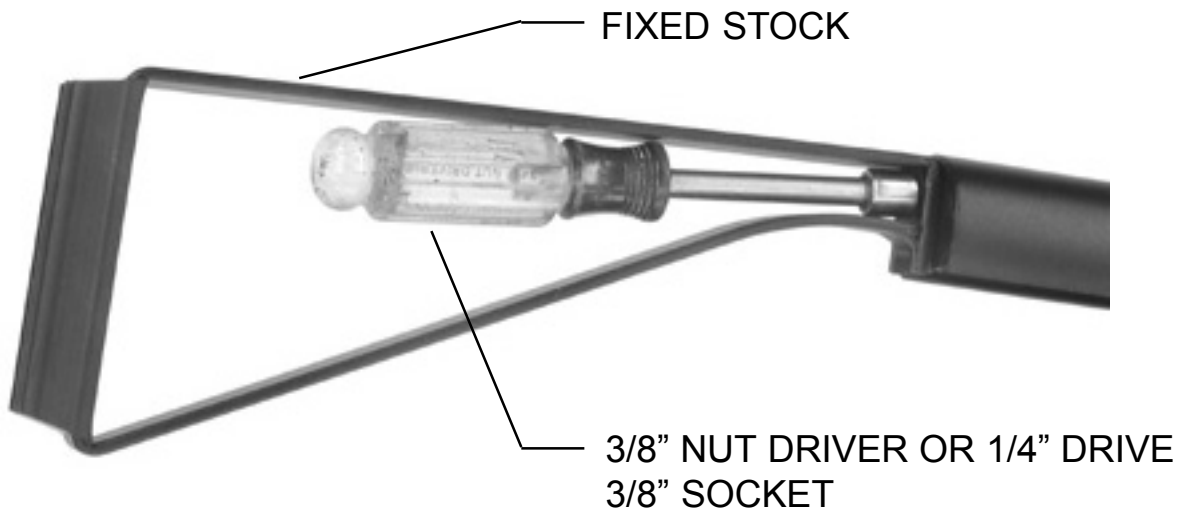


FIG. 5

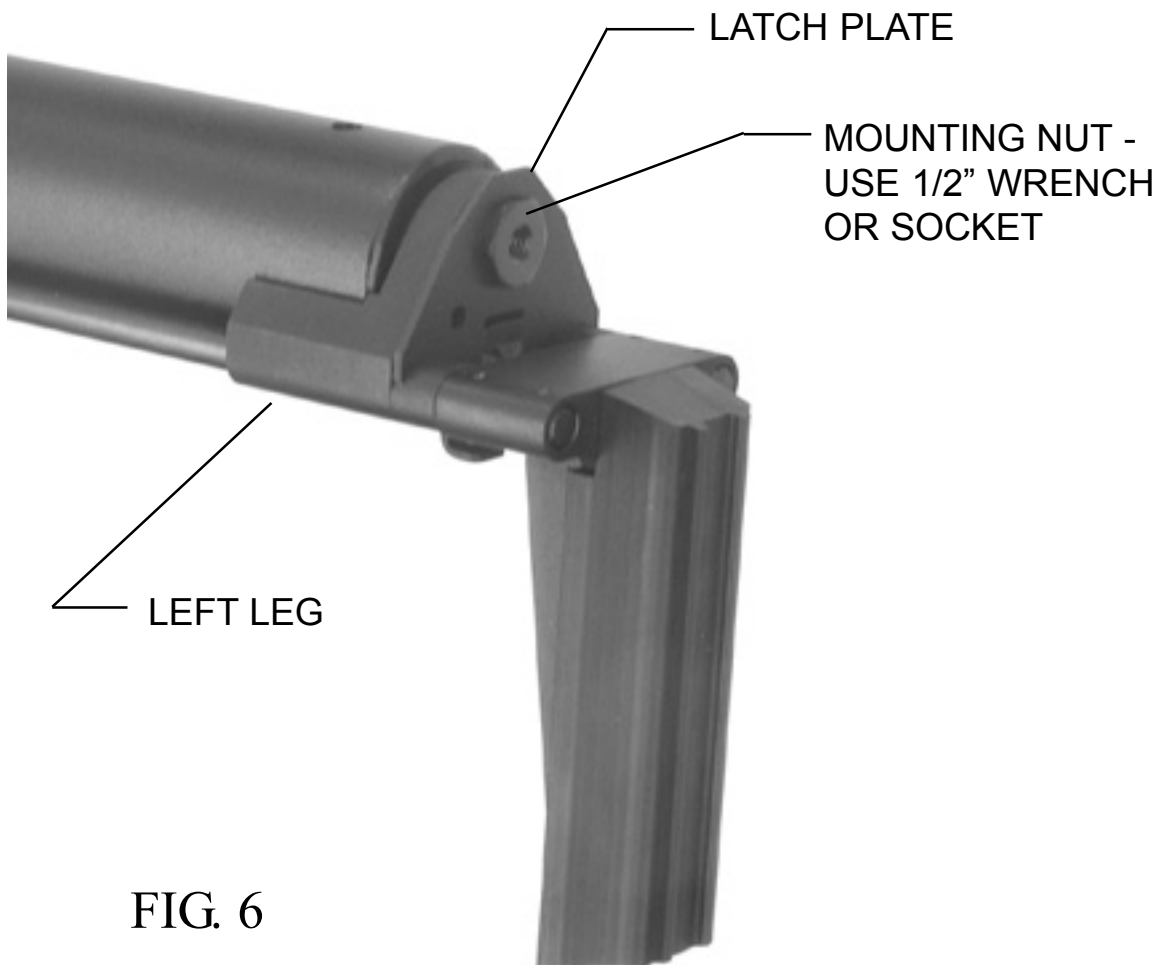


FIG. 6

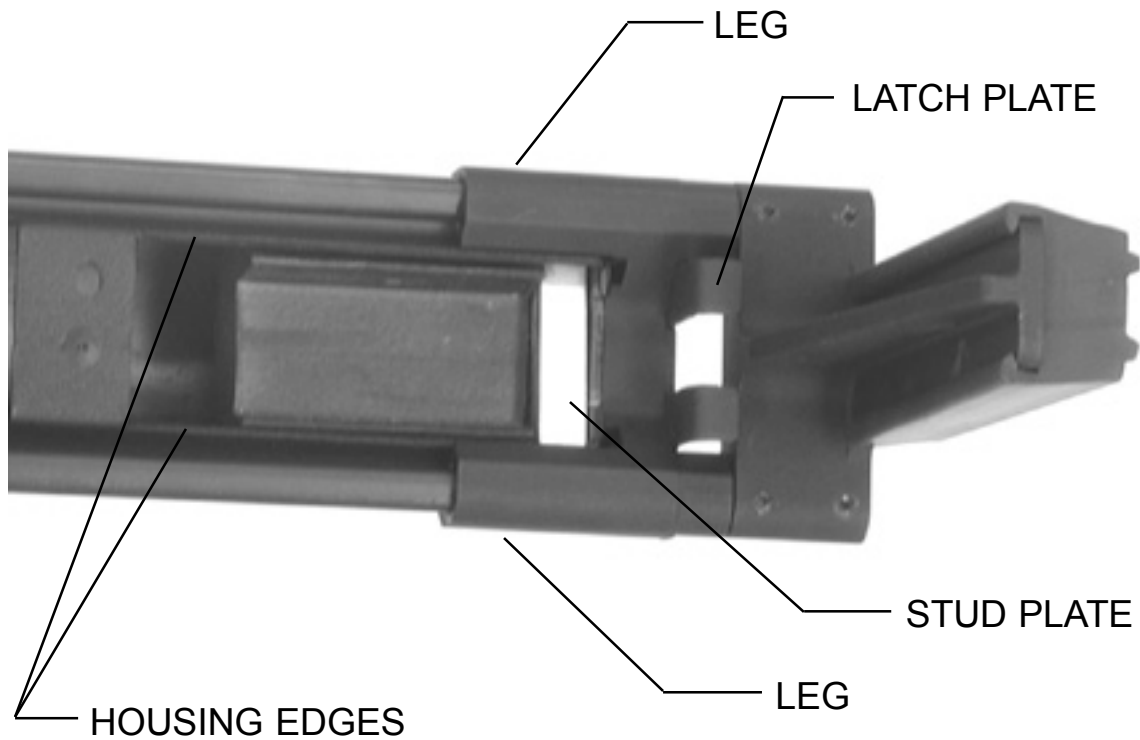


FIG. 7

Fig. 7 shows details of Telestock mounting underside. As mentioned previously, orient the legs symmetrically relative to the edges of the housing and the buffer/stud plate assembly such that the plate is parallel to the 'notch', then apply final tightening to the mounting nut. Caution: when handling the Telestock for mounting or detaching be certain that the latch plate does not come away from the assembly. When the mounting nut is loose or not in its pocket it is possible for the latch plate to disengage from the assembly and reassembly is tricky.