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Steel Body Set Trigger (R-417) for Mauser 98 Installation Instructions: REQUIRES GUNSMITH INSTALLATION

- 1) Unload rifle chamber and remove the bolt
- 2) Remove the guard screws and any other screws that hold the gun together. Remove the stock from the barreled action.
- 3) Remove original trigger by tapping out the retaining pin at (A).
- 4) Remove the attaching screw and nut from the new trigger body (1). Loosen the trigger installation hex screw (2).
- 5) Before attempting the actual trigger installation, check that the attaching screw hole (1) aligns with the hole in the action lug (A).
- 6) Install trigger with attaching screw and nut (1).
- 7) Carefully tighten the trigger installation hex screw (2) until the trigger body sits firmly against the receiver tang.
- 8) **Important:** The trigger sear must move freely in the oblong sear hole opening in the tang (B). If necessary, carefully enlarge the oblong sear opening (B) by grinding or filing until the sear moves freely and does not stick.
- 9) Check chamber to insure that it is empty and replace bolt in the action.

TROUBLE SHOOTING SOME POSSIBLE PROBLEMS

- A. Should the firing pin fall when the bolt is closed, check the trigger installation hex screw (2) to be sure it is tight. If it is tight, the tang web at (B) may be too thick and the trigger sear (8) is not tall enough to properly engage the cocking piece sear. Contact NECG for assistance.
- B. If the safety will not go "ON", the cocking piece sear (C) will need to be built up or some metal will need to be carefully removed from the cocking piece face (D) until the safety operates.
- C. With the safety in the "ON" position, pull the trigger then release the safety. If the firing pin falls, the safety is not withdrawing the cocking piece sear far enough to allow the trigger sear to retract. Carefully file or grind cocking piece sear face (C) until safety functions properly.

NOTE: When altering the cocking piece sear face (C) you must retain the right angle of the sear face to the bolt.

- D. If after firing the bolt cannot be lifted, loosen locking screw (7), adjust hex screw (4) to the left or counter clockwise allowing sear to retract.
- E. Without withdrawing, lift and close bolt. If the bolt does not cock, carefully grind or file the cocking piece sear face (C) until the bolt cocks when simply lifted and closed.
- 10) In order to check the stock inletting and trigger relationship you must first remove the set trigger shoe (13). To do so carefully remove the trigger shoe pin (11) as the shoe is under spring tension. Alter the inletting for the new trigger body area (9) as well as the attaching screw and nut (1). Make certain that the trigger stem (10) clears the sides of the trigger guard slot, alter if needed so that the trigger does not bind or stick. After the stock has been attached to the barreled action, carefully reattach the set trigger shoe (13) and trigger shoe pin (11) to the trigger stem (10). Make certain that the set trigger shoe (13) does not bind in the trigger guard bow. Carefully alter the set trigger shoe (13) or trigger guard bow until it functions properly.
- 11) Sear adjustment screw (5)
To decrease the sear engagement turn screw (5) to the right, clockwise.
To increase the sear engagement turn screw (5) to the left, counter clockwise.
- 12) Trigger weight adjustment screw (3)
To increase the trigger pull weight, loosen locking screw (6) and turn hex screw (3) to the right or clockwise and tighten locking screw (6).
To decrease the trigger pull weight, loosen locking screw (6) and turn hex screw (3) to the left or counter clockwise and tighten locking screw (6).
- 13) Trigger stop or over travel screw (4)
To decrease the trigger over travel, loosen locking screw (7) and turn hex screw (4) to the right or clockwise and tighten locking screw (7).
To increase the trigger over travel, loosen locking screw (7) and turn hex screw (4) to the left or counter clockwise and tighten locking screw (7).
- 14) Set Trigger (14) Adjustment
The set trigger mechanism has been adjusted at the factory. Do the following should you need to adjust it further.
To decrease the set trigger engagement, turn hex screw (12) to the right or clockwise.
To increase the set trigger engagement, turn hex screw (12) to the left or counter clockwise.