COLT .45 MACHINE PISTOL CONVERSION

SPECIFICATIONS:
CALIBRE ........................................ .45 ACP
TYPE OF FIRE .......... SELECTIVE SEMI AND FULL
AUTOMATIC (FIRES SEMI AUTOMATIC
ON CLOSED BOLT AND FULL
AUTOMATIC ON OPEN BOLT.)
CAPACITY ............ 7 SHOT MAGAZINE STANDARD;
30 SHOT MAGAZINE AVAILABLE
BARREL LENGTH ........... 5 INCHES STANDARD;
6 INCHES AVAILABLE

REMARKS: NUMEROUS ACCESSORIES ARE AVAILABLE:
MAXI COMPENSATORS, SLIDE RELEASES, TIGHT
BUSHINGS, SPEED SAFETY, ETC.

SPECIAL NOTE: COLT .45 VARIATIONS AND IMITATIONS
SUCH AS THOSE MANUFACTURED IN EUROPE, SOUTH, AND
CENTRAL AMERICA CAN BE SIMILARLY CONVERTED TO
SELECTIVE FIRE.

SYSTEM OF OPERATION:
TO FIRE SEMI AUTOMATIC: Set the selector lever to the
horizontal position. To disengage the selector lock from the underside
of the slide, press the top portion of the selector lever to withdraw its
under lug from mating with the slide edge. Once the lug clears the slide
deck, it can be rotated horizontally in either direction. Once the selector
is set in detent in the horizontal position, the tripping of the selector is
out of engagement with the connector lever. Drawing the slide to the
rear will cock the hammer and load the chamber in the usual fashion,
maintaining that position until the trigger is pressed. The semi
automatic operation fires from the standard closed bolt system. It is
important to press the auxiliary trigger (front) at all times so that the
front (auxiliary) sear does not catch the slide in open position.

TO FIRE FULL AUTOMATIC: Set the selector lever to its position
locking the under lug to the slide. The lug must mate with the edge of
the slide as tightly as possible to avoid accidental disengagement during
full automatic operation of the slide. The selector's detent spring must
be strong to retain its engagement firmly in this position.

In the full automatic setting, the auxiliary trigger mechanism takes
over. The slide will be held in the open bolt system by the front
(auxiliary) sear, ready to fire. The original semi automatic trigger
mechanism is activated automatically by the slide closing, once the
selector tripping shoulder makes contact with the hammer sear
connector, whether the rear (original) trigger is pressed or not. Once the
selector lever tripping shoulder pushes the connector, the sear will
disengage from full cocked hammer, releasing it to strike the firing pin
and ignite the cartridge. This operation is continuous until the front
trigger is released or the magazine empty.
CAUTION: NEVER RETRACT THE SLIDE IF THE SELECTOR
IS SET TO FULL AUTOMATIC WHEN THE GUN IS LOADED
AND THE AUXILIARY TRIGGER MECHANISM IS NOT
INSTALLED. THE WEAPON WILL FIRE FULL AUTOMATIC
EVEN WITHOUT PRESSING THE TRIGGER SINCE THE
SELECTOR TRIPPING SHOULDER WILL AUTOMATICALLY
OPERATE THE CONNECTOR LEVER DURING BOLT
CLOSING.

SAFETY OPERATION:
The original safety can be used on both semi (closed bolt) and full
automatic (open bolt) functioning. However, care must be taken that
the auxiliary (front) trigger not be pressed if the selector is set to full
automatic and the slide is held open. The connector pin connected to the sear will break if the auxiliary trigger is pressed in open bolt with the selector in the full automatic mode.

CONSTRUCTION DETAIL OF THE AUXILIARY TRIGGER MECHANISM:
The auxiliary trigger housing is a formed 1/16 inch steel sheet. It contains the auxiliary sear and trigger and can be improvised by machine or handmade. The housing is secured in place to the trigger guard and to the front portion of the receiver by a screw and by a pin riveted to a plate. An insert is used to strengthen the housing and can be riveted or brazed in place. The trigger guard is equal in width to the receiver trigger guard and secured to the housing by a small screw. It can be brazed to the housing if so desired. The other end is pointed and is pressed to the wood grip, secured by a small nail or screw.

The auxiliary housing assembly must be attached to the receiver body before the grip stock can be secured to the auxiliary housing. An assembly hole must be drilled in the receiver for the grip screw.

PARTS LIST

1. Selector lever
2. Selector lever index ball spring
3. Selector lever index ball
4. Selector lever retaining screw; chambered for selector lug, upward clearance to disengage from the slide edge.
5. Connector spring base; 1/8 inch diameter pin - same height as the stock screw bushing.
6. Connector mating pin to sear
7. Connector lever
8. Connector lever spring
9. Connecting pins, plate for auxiliary trigger housing
10. Plate retaining screw; left side hole of the auxiliary housing must be threaded for this screw.
11. Replacement sear; with provision hole for connector mating pin
12. Auxiliary housing rear securing pin
13. Auxiliary trigger housing insert; to be brazed or riveted to housing
14. Auxiliary trigger housing
15. Auxiliary housing connecting screw to receiver body
16. Grip stock screw; hex type
17. Stock screw bushing; pressed horizontally to stock
18. Front sear pin
19. Sear spring
20. Sear spring plunger
21. Sear
22. Trigger guard connecting screw; guard can also be brazed in place
23. Trigger guard
24. Trigger pin
25. Trigger spring
26. Trigger spring plunger
27. Trigger
28. Nail; acts as support against plunger
29. Small nail securing the bottom part of trigger guard to stock
30. Wood stock; one piece construction (plastic is adaptable)
DRILL 3/16" HOLE THRU' TO RIGHT SIDE OF RECEIVER FOR CONNECTOR LEVER PIN CLEARANCE.

(HOLE "X")

3/16" HOLE TO RIGHT SIDE OF RECEIVER AND PRESS TIGHT 1/4" DIA. PIN TO MOUNT OR AS BASE FOR CONNECTOR SPRING.

DETAIL: "AUXILIARY TRIGGER"

AUXILIARY TRIGGER HOUSING INSERT DETAIL.

AUXILIARY TRIGGER HOUSING DETAIL.
DRILL \( \frac{1}{8} \) HOLE AND THREAD TO MOUNT AUXILIARY HOUSING BEFORE STOCK ASSEMBLY.

DRILL \( \frac{3}{16} \) HOLE TO RECEIVER FLOOR "AS DRAWN" FOR HEX SCREW HEAD CLEARANCE WHEN CONNECTING AUXILIARY HOUSING TO RECEIVER BODY. (AASO GRIP STOCK)

CLEARANCE CUT FOR RIGHT SIDE STOCK FOR CONNECTOR ASSY.

CUT THE CONTACT TANG OF THE GRIP SAFETY (SHADED AREA) FOR CONNECTOR ASSY. CLEARANCE.
Section "AA"

Selector can be rotated on either way for semi-auto. Functioning, tripping shoulder will not engage connector tip.

INDEX HOLES (3)

"DRILL 3 Mm HOLE AND THREAD (SEE DIAGRAM) TO MOUNT SELECTOR LEVER"

FILE SLIDE SERRATIONS AS DRAWN FOR SELECTOR LEVER CLEARANCE.
Selector Lever

Tripping shoulder of selector lever, also locks the selector to slide edge.

Replacement Sear for Selective Fire

Drill 1/8" dia. for connector lever pin, pin must have enough play when assembled to hole.

Original Sear

Connector Lever Pin

To be inserted to hole of receiver.

Connector Lever

Connector Spring

Auxiliary Sear Detail

Connecting Pins Plate for Auxiliary Trigger Housing.

Rivet or solder pin to plate (both pins)