



# INSTALLATION & OPERATING INSTRUCTIONS

visit [shirevalleydesign.com](http://shirevalleydesign.com) for installation video

1. Unbolt existing wicket (food pass/cuff port) and paracentric lock (typically 8 bolts)

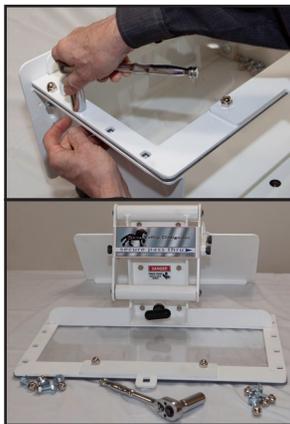


2. Grind/cut and sand welds to remove existing spacer plate and restore original smooth door surface

3. Separate halves using 5/8" socket.

Remove ONLY 8 acorn nuts (4 each side). Lift upper half out and set aside

DO NOT SCRATCH LEXAN



4. Locate, align and install 4 flat head bolts into existing 5/16-18 threads



5. Locate, align and install 4 bolts using existing 3/8-16 threads



6. Center punch 4 side holes (2 each side)

7. Drill and tap 4 side holes (2 each side), using letter 'F' or 17/64" drill bit, or 5/16-18 drill-tap combination, as shown here.



8. Attach 4 each 5/16-18 x 1" button head bolts and flat washers



9. Reconnect upper and lower half by inserting inner door between nylon slides and mounting plate



10. Insert 8 each carriage bolts (4 each side) and tighten acorn nuts with 5/8" socket using care not to overtighten.



11. Operate inner door 1) Pull and hold T-handle on spring pin, 2) Grasp and raise inner door handle to fully upright position, 3) Release T-handle allowing spring pin to secure inner door in the upright open position.

4) To close, pull T-handle, allowing mechanism to swing down, release T-handle to re-engage spring pin. 5) **Push handle firmly forward to lock in the 'over center' position.**



12. Operate outer door 1) Disengage slam latch from catch plate by pulling down, allowing door to swing open. 2) To close, swing door up to engage slam latch, into catch plate



13. Operate Pepper Spray Port 1) Open inner door just enough to insert hose. 2) Unscrew cap, insert nozzle, spray. 3) Replace port cap when finished.

