

DUAL POINT MORTISE LOCK UPGRADE

STANDARD PARTS SHIPPED

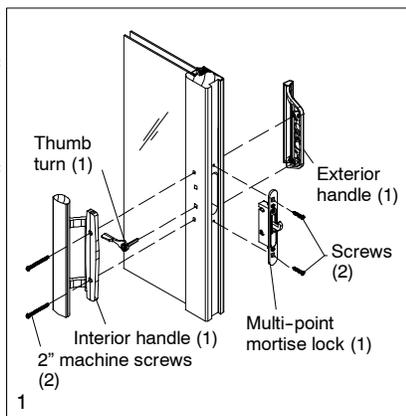
- Dual point mortise lock with screws
- Dual point keeper with screws
- Keeper marking template
- Mortise routing guide
- Router collar guide
- 1/2" straight router bit

YOU WILL NEED TO SUPPLY

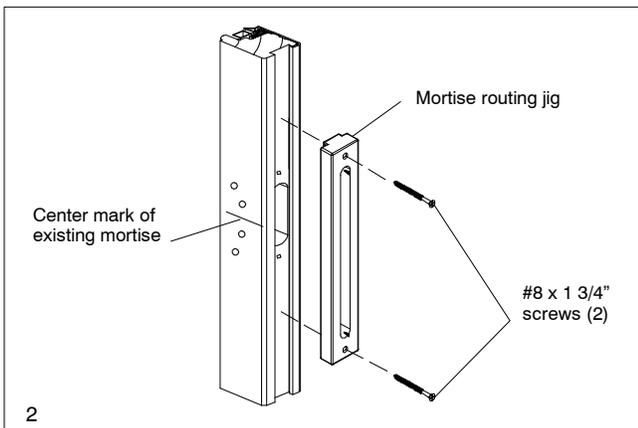
- Safety glasses
 - Hearing protection
 - Phillips screwdriver
 - Standard screwdriver
 - Plunge router (preferred) or standard base router*
 - Drill/Driver with Phillips bit
- * Use extreme caution and observe all safety precautions and guidelines.

Update Procedures

1. Unlock the mortise lock. Remove Phillips head machine screws from interior handle assembly. Remove interior and exterior handles from stile. See illustration 1.
2. Remove lock turn lever from interior of door panel. See illustration 1.

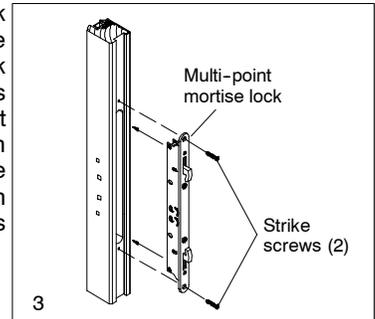


3. Slide the door panel open. From edge of panel locking stile, remove screws at top and bottom of the lock. Pull mortise lock out of the stile. See illustration 1.
4. Measure existing mortise to find horizontal center line. With a pencil (or tape) transfer this line to interior and exterior face of stile near the edge. Position routing jig on stile as shown and align center mark on guide with marks on stile. Fasten jig with #8 x 1 3/4" flat head wood screws supplied, check alignment. See illustration 2.



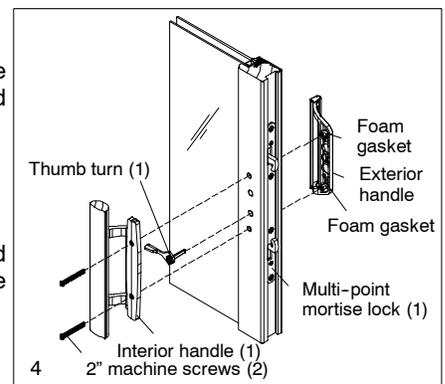
5. Set up router to remove 1 1/8" - 1/64" of wood from the stile. Route mortise to dimension of guide.
6. Remove guide and clean all wood shavings from mortise area. Remove reference marks from interior and exterior of stile.

7. Install mortise lock assembly into edge of the stile. Check mortise clearances and lock alignment with handle holes in stile, modify mortise if needed. Attach with screws supplied. See illustration 3.



8. Replace the lock turn lever on interior as shown in illustration 4.
9. Position exterior handle on the stile, if equipped, line up and insert keyed cylinder actuator pin into mortise lock, hold handle in place.

10. Reposition interior handle on the stile and install machine screws through interior handle and secure. See illustration 4.



11. Check lock operation with panel open, the turn lever should operate freely with minimal resistance.

12. **IMPORTANT: If replacement keeper screws are longer than original screws AND you are attaching keeper to a stationary panel stile. You MUST use screws that are the same length as existing screws. Failure to do this may result in severe damage to the stationary panel insulating glass unit.**

Unlock mortise lock, insert 2 keeper mounting screws through template provided as indicated. Lock template (with screws) into mortise lock. Close panel against locking jamb/panel to mark keeper location. Remove template from lock. Remove keeper screws from template, position keeper on jamb/panel attach with screws. Place shims between the jamb and rough opening at top and bottom of keeper when applying to a locking jamb. See illustration 5.

13. Check vertical alignment of strike to latch hooks. Adjust as needed by loosening screws and sliding strike up or down.

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14. After latch and strike are aligned, adjust latch hooks by rotating adjustment screws above/below hooks with a standard screwdriver. Before final adjustments are made (with operating panel fully closed) check to see if any resistance is felt when operating the turn lever, extend latch hooks as needed until lever operates freely. Then adjust one latch hook at a time, rotate adjustment screw to draw latch hook into the lock in small increments, close the panel and check lever operation. Adjust hook until slight resistance is felt at the end of turn lever travel and panel is drawn snug against locking jamb. Repeat final adjustment procedures for remaining latch hook. See illustration 5.

