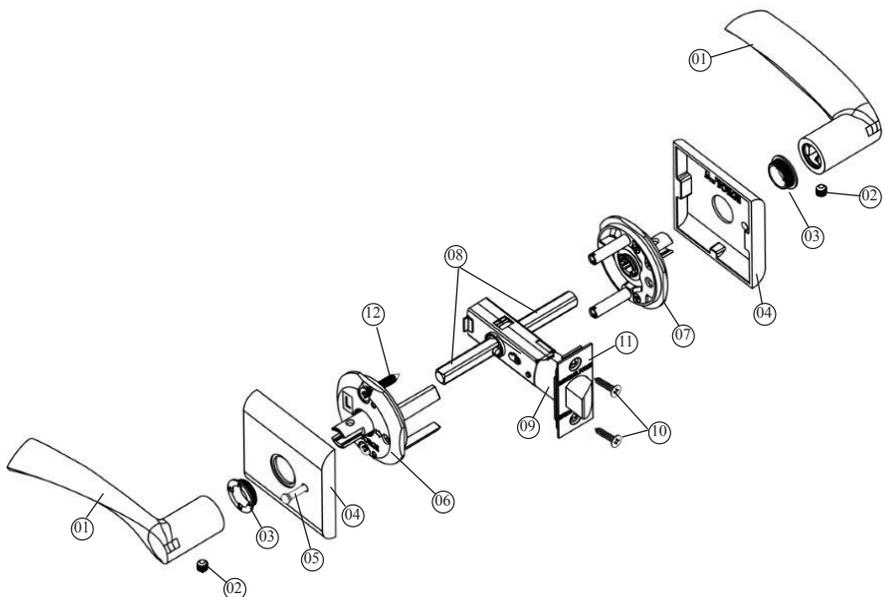


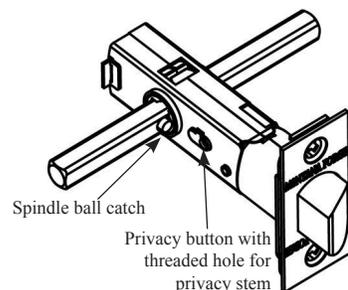
Installation Instructions: Knob & Lever Sets, Passage & Privacy Function

Before proceeding make sure the door is properly machined to latch and backset specifications of the locksets. Refer to reverse side of this document for proper door preparation for non-machined doors and jambs.

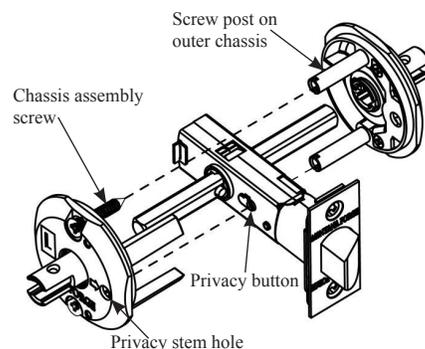


- 01 Lever or knob handle
- 02 Handle set screw
- 03 Threaded collar washer
- 04 Rosette
- 05 Privacy stem
- 06 Inner chassis
- 07 Outer chassis
- 08 Spindle
- 09 Latch
- 10 Latch face screws
- 11 Latch Face (removable)
- 12 Chassis assembly screws

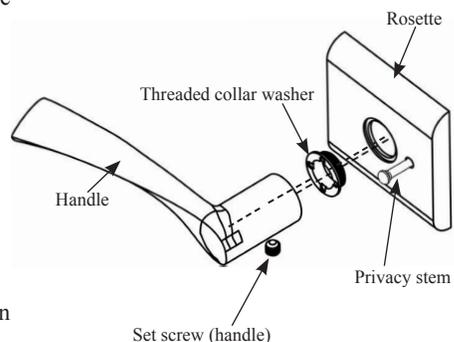
1. Install the latch (08) into the door. If installing a privacy function lockset the threaded hole on the privacy button must face the side of the door where the privacy stem (05) will be installed (usually the inside of bathroom or bedroom etc). *Note: for out swinging doors the bevel orientation of the latch bolt must be reversed. First remove the latch face by rotating it counter clockwise and pulling away from the tabs. Then rotate the bolt 180 degrees, and reinstall latch face.*
2. Insert square spindle into latch by depressing the ball catch and then pushing the spindle all the way through the square latch hole till it locks in place.



3. Slide the inner and outer chassis halves (06 & 07) onto the spindle (08) from each side and push tight against the door. If installing the privacy function, make certain the privacy stem hole in the interior chassis (06) aligns with the privacy button on the latch. Install chassis assembly screws (12) and tighten just snug. At this point temporarily install a knob or lever handle onto one side of the spindle and rotate back and forth to check for full latch retraction and smooth operation indicating correct spindle and chassis alignment. Fully tighten assembly screws when confident chassis working smoothly.

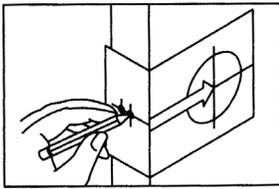


4. Position the rosette over the chassis. If a privacy function, make sure the release hole or pin hole is positioned close to the door edge side and aligns with the chassis privacy stem hole.
5. If privacy function insert privacy stem through rosette and thread into privacy button on latch.
6. Thread a collared washer into the chassis & tighten using the enclosed collar washer tool.
7. Install the lever or knob handle onto spindle and cam making sure the set screw is facing down. This is designed to be a tight fit so moderate pressure may be required to push handle onto the spindle.
8. Hold the handle fully inserted onto spindle and tighten the set screw with the supplied large allen key.



Door preparation for Montana Forge knob or lever, passage or privacy locksets. Note that the template may not be true to size if it has been photocopied etc. Always verify all measurements before drilling holes or machining for strike etc.

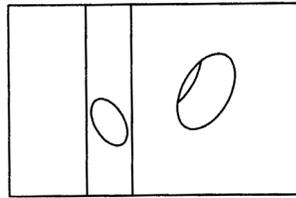
1. Mark Door for Holes



1. Start approximately 36" to 38" from the floor, fold and then apply template to the edge of the door.
2. Mark hole center on edge of door based on the thickness of your door.

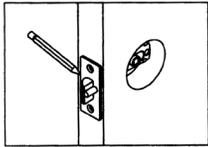
3. Mark the lockset cross bore by selecting 2-3/8" or 2-3/4" backset.

2. Drill Holes

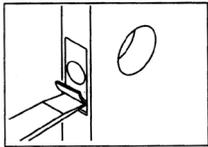


1. Drill a 2-1/8" cross bore on the door face. Drill from both sides to avoid wood splitting.
2. Drill a 1" edge bore hole for the latch.

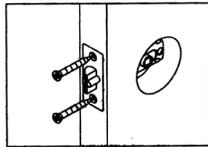
3. Mortise Door & Install Latch



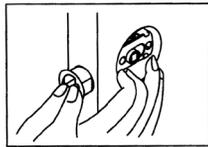
1. Insert a face plate latch into the edge bore hole. Mark the outline of the latch face plate.



2. Carefully cut and chisel a 5/32" mortise out of the door so that the latch when inserted is flush with the door edge.

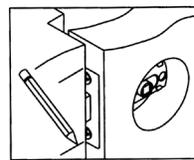


3. Insert latch into edge bore, insert screws and tighten firmly.

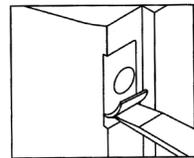


4. For drive in latch (RFL) simply press latch into edge bore until it is flush with door edge.

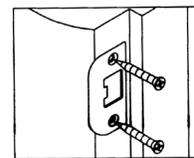
4. Mortise Jamb & Install Strike



1. Close the door with latch installed. Mark the well as top, bottom, and center line of latch face onto the jamb.

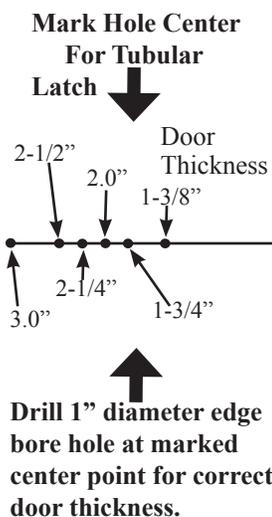


2. Measure 1/2 of the door thickness from the door stop and mark vertical center line of the strike. Drill 1" hole 1/2" deep at the intersection of the horizontal & vertical center lines on jamb.



3. Align screws holes of strike on vertical center line on jamb. Mark outline of strike and chisel 1/16" deep mortise.
4. Install strike and tighten screws.

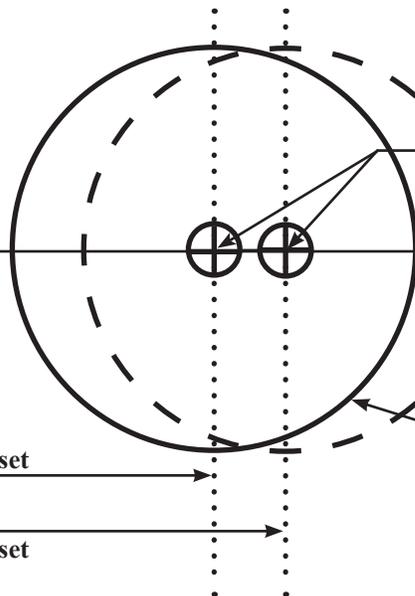
ACTIVE KNOB & LEVER TEMPLATE - MTForge 2016



FOLD ALONG DOOR EDGE

2-3/8" Backset

2-3/4" Backset



Mark lockset cross bore hole center

Drill 2-1/8" diameter hole for lockset

Approx. 36" to 38" from floor