

2/08/17

Deadbolt Entry set Installation Instruction – Knob/Knob

After the face bores are cut and the Passage Latch & Deadbolt Latch is installed. Now you are ready to install the Cylinder with the Collar. Insert the Cylinder through the Collar supplied. With the Deadbolt Latch bolt extended in the lock position, carefully align this with the Cylinder hole in the exterior Plate. Torque Blade on the Cylinder should be in the vertical position when you install it through the Deadbolt Latch. The core of the Cylinder(where the key is inserted) should be in the 6 o'clock position when installed. Locate the Adapter Plate & Screws for the interior side of the door. The Torque Blade should be protruding through to the interior side of the door when installed. Depending on the thickness of your door, the Torque Blade may need cut slightly. Align the Adapter Plate on the interior side of the door then install with the two Screws supplied. The Torque Blade should be extending through the Adapter Plate to the interior side of the door. These Screws go through the Adapter Plate, Deadbolt Latch then thread into the back of the Cylinder. Depending on the thickness of the door, you may need to cut/break-away the Screws for the Cylinder. Be careful not to thread the Screws in too far which may cause an indentation in the Cylinder Face on the exterior side of the door if too long. Before the Cylinder Screws are tight, check to insure the Knob hole on the exterior side of the door is aligned properly. Alignment of the exterior Plate on the door should also be checked. At this point, do not install the Wood Screws for the Exterior Plate.

Now you are ready to install the Spindle and it should be installed equally on the exterior and interior sides of the door. Install the Spindle through the exterior Plate then into the Latch Mechanism. To insure a tight fit, install the Spindle with the corners of the Spindle at 12-3-6-9 o'clock position. This also allows the Set Screws in the Knob or Levers to be tightened onto the Spindle properly. Next, take the Interior Plate with the Turn piece attached. Carefully align the Turn piece on the Interior Plate with the Torque Blade. The Knob or Lever hole on the interior Plate should also be aligned over the Spindle. Slide the interior Plate onto the door until the interior Plate is against the door. If the interior Plate will not go against the door, most likely the Torque Blade is too long and needs to be cut. If the Turn piece in the interior Plate does not reach the Torque Blade, most likely the Torque Blade was cut too short or you have a thicker than normal door. At this point, measure the door thickness and contact your Dealer.

Now you are ready to install the Knobs or Levers. Place the nylon washer over the spindle and against the Plate. Take the Knobs or Levers, then thread or slide onto the Spindle until tight and against the Plates. Check the alignment of interior Plate on the door. At this point, do not install the Wood Screws for the Interior Plate or tighten the Set Screws in the Knobs or Levers. Be careful to allow enough of the Spindle for the exterior and interior sides of the door. The Spindle should be equal on both sides of the door before starting.

Now you are ready to test the Deadbolt. With the door open, rotate the Turn Piece both ways to insure the Deadbolt locks and unlocks properly. Now test the Deadbolt with the Key on the exterior side of the door. If it does not work properly, check the alignment of the exterior & interior Plates or check to insure Torque Blade is installed properly(see above).

Now you are ready to install the exterior and interior Plate Wood Screws provided with your Door set. The Wood Screws provided, match the Finish of your Door set. With the Knobs or Levers still tight against the exterior & interior Plates, you can now install the Wood Screws supplied. This insures the exterior and interior Plates are aligned properly. It is recommended to pre-drill the Screw holes in the door before installing the Screws to reduce the chance of breakage. Once Wood Screws on the Plates are installed, loosen/unthread one Door Knob or

Lever slightly. Tighten the Set Screws on one Knob or Lever at this point. Set Screws are located at the base of the Knob or Lever. With the door open, test to insure workability of the Knob or Lever without any binding. If the Knob or Lever works too tight or binds, loosen the Set Screws in the Knob then loosen/unthread by a ¼ turn and re-test. On Levers that slide onto the Spindle, loosen the Set Screws then pull away from the Plate slightly. Depending on how tight the Knob or Levers were installed, this procedure may need done a few times to insure workability without binding.

Once the Door set works properly and without binding, now close the door and re-test. If it does not work properly, check the alignment of the Strike plates on the door frame. With everything working properly, you are now ready to apply the Loctite to the Set Screws. It is recommended to remove and apply Loctite to one Set Screw at a time then re-install the Set Screw tightly. Set Screws are located at the base of the Knob or Lever. After the Set Screw has been removed, apply Loctite to the end of the Set Screw then re-install tightly. After all Set Screws have been applied, re-test to make any final adjustments before Loctite is dry and set. After Set Screws are tight and adjustments have been made, allow Loctite to dry. If OK, enjoy your new Door set!

Instructions to Adjustable Deadbolt:

TO ADJUST THE BACKSET FROM 2-3/8" TO 2-3/4" (DOES NOT WORK FOR 2")

First you will need to locate the two slots stamped "2-3/8" " and "2-3/4" ". These are located on the side of the Deadbolt Latch. Gently twist the Latch then slide the tab on the Deadbolt Latch to the desired Backset slot required. Installation of the Deadbolt Latch can continue now.

Tools required for remodeling or new construction:

- 1 Phillips head screwdriver
- 1 2" hole saw
- 1 1" Wood Bit
- 1 Chisel
- 1 Hammer
- 1 Pencil
- 1 Tape Measure

Tools required for replacement:

- 1 Phillips head screwdriver