
RIVERS MODEL D VERTICAL TWO POINT LOCK – OPEN IN DOOR

1. Mark centreline for handle at 1000mm from bottom of door.
2. Leave a minimum gap of 20mm between lock body and front edge of door.
3. Locate the correct drilling template. Note that a different template applies to the standard cylinder shield and the Key & Lever interface.
4. If external key access is provided, place the template on the centreline of handle marked on door (step 1), mark the cluster of five holes.
5. Place the lock on the door, lining up the bottom of the lock with the bottom of the door. Mark one set of mounting holes making sure there is a 20mm Gap at the top for S4 & S4KL.
6. Drill two mounting holes 10mm diameter through door, then counter bore each 15mm diameter x 25mm deep from the outside.
7. Cut eight pieces of the supplied M8 threaded rod to length (length = door thickness + 35mm). Deburr ends & screw partway into nut plates.
8. Fit nut plate assembly to door from outside at opening side of door & position lock body over the threaded rods.
9. Mark the other 3 sets of mounting holes.
10. Remove lock. Drill six 10mm diameter holes and counter bore 15mm diameter x 25mm deep from the outside.
11. Fit external access (for Series 4KL & Series 5), making sure key steel/cylinder tail are lined up with internal lever handle.
12. Fit lock to door with the four nut plate assemblies, dome nuts & washers. Tighten all nuts. Do not over tighten.
13. With door closed, activate the Locking Bars so that they are touching on the door frame at the top and on the floor at the bottom. Mark position of locking bar on the floor.
14. Use a masonry drill to drill out floor to accept lower Locking Bar.
15. Position the striker plate against the floor with the bottom locking bar through the strike plate. Mark hole positions in keepers onto the floor. Retract locking bar then drill holes and fix strike in place using plugs and screws provided.
16. Extend the locking bar into the hole in the floor and then focus on the top Locking bar over the frame. Mark hole positions in keepers on to the frame. Drill 4 holes into face of frame.
17. Fit the keepers to the frame using screws provided. Add spacers provided behind keepers if necessary, to obtain freedom of movement. (Fig. 8) For Series 4 & 5 Locks, care must be taken in fixing the strike/ramp on the top side to ensure that the dome nut on the trigger runs up the ramp & comes to rest on the flat as the locking bars are released.
18. Ensure Lock operates smoothly & without resistance. Excessive force should not be required to activate lock. Inside Lever Handle must operate in a downward motion & allow escape at all times.

PLEASE NOTE: RIVERS RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE

RIVERS LOCKS SHOULD ONLY BE MOUNTED ONTO SOLID CORE DOORS

RIVERS MODEL D VERTICAL TWO POINT LOCK – OPEN OUT DOOR

1. Mark centreline for handle at 1000mm from bottom of door.
2. Locate the correct drilling template. Note that a different template applies to the standard cylinder shield and the Key & Lever interface.
3. If external key access is provided, place the template on the centreline of handle marked on door (step 1), mark the cluster of five holes.
4. Place the lock on the door, lining up the bottom of the lock with the bottom of the door. Mark one set of mounting holes making sure there is a 23mm Gap at the top for S4 & S4KL.
5. Drill two mounting holes 10mm diameter through door, then counter bore each 15mm diameter x 25mm deep from the outside.
6. Cut eight pieces of the supplied M8 threaded rod to length (length = door thickness + 35mm). Deburr ends & screw partway into nut plates.
7. Fit nut plate assembly to door from outside at opening side of door & position lock body over the threaded rods.
8. Mark the other 3 sets of mounting holes.
9. Remove lock. Drill six 10mm diameter holes and counter bore 15mm diameter x 25mm deep from front.
10. Fit external access (for Series 4KL & Series 5), making sure key steel/cylinder tail are lined up with internal lever handle.
11. Fit lock to door with the four nut plate assemblies, dome nuts & washers. Tighten all nuts. Do not over tighten.
12. With door closed, activate the Locking Bars so that they are touching on the door frame at the top and on the floor at the bottom. Mark position of locking bars on frame and floor.
13. Drill a 12mm diameter hole in the frame on both sides of the locking bar. Use a small cutting wheel to splice between the holes. This will create a slot in the frame to accept the Locking Bar. If frame is concrete filled, drill out masonry to a depth so that Locking Bar will not 'bottom out' when fully extended.
14. Use masonry drill to drill out floor to accept lower Locking Bar.
15. Clean edges of slots & ensure smooth action of Lock when locking/unlocking.
16. Position the striker plates over the locking bars and against the frame & floor, hold in position & fix in place with self-tapping screws supplied for the frame and plugs & screws for the floor. For Series 4 Locks, care must be taken in fixing the strike/ramp on the opening side to ensure that the dome nut on the trigger runs up the ramp & comes to rest on the flat as the locking bars are released.
17. Ensure Lock operates smoothly & without resistance. Excessive force should not be required to activate lock. Inside Lever Handle must operate in a downward motion & allow escape at all times.

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