RIVERS LOCKING SYSTEMS (AUSTRALIA) PTY LTD
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RIVERS 420 FOUR POINT LOCK – OPEN IN DOOR

1. Mark centreline of Lock across inside of door at desired height (nominally 1000mm from floor to centreline of Handle). (Fig. 1)
2. Remove cover from Lock Body.
3. Position Lock onto door at pre-determined height & such that the clearance between Lock Body & edge of door is approximately 5-10 mm at opening side & 20-25mm at hinge side. (Fig. 1 & 2) Fix Lock to door using only three self-tapping screws.
4. Mark four Cylinder Shield holes & Cylinder centre using the Lock Backing Plate as a template. (Fig. 3)
5. Remove Lock Body from door & drill four 10mm diameter holes through door, then counter bore each 15mm diameter x 25mm deep from the outside. Drill Lock Cylinder hole 32mm diameter. (Fig. 4 & 5)
6. Mount Lock Body to door using self-tapping screws provided.
7. Fit Cylinder Shield Assembly to door using screws provided. Fix through lock body. (Fig. 7)
8. With the Locking Bars extended (i.e. locked position) & the key removed from the Cylinder, ensure that the Cam (that accepts the Cylinder Tail) is oriented so the two marks are lined up (one on the Cam, the other on the cover plate.). This is critical for the Lock to function properly.
9. With door closed, activate the Locking Bars so that they are extended over the door frame. Position the keepers over the locking bars & against the frame, ensuring that there is equal clearance around the bars. Fix them in position with screws supplied. (Fig. 7)
10. Fit outside Handle & Spindle to door using screws provided.
11. At this point check the operation of the Cam Locking Bar. Ensure when the outside Lever Handle is moved upwards to the horizontal position, the Cam Locking Bar falls freely into the cut out in the Inner Cam Plate. (Fig. 6)
12. Ensure correct Lock operation. Inside Handle must disengage Locking Bars at all times (for escape), while the outside Handle should not operate unless the Cylinder has been unlocked with the key.
13. Replace Lock Body Cover.
14. Screw inside Lever Handle on.
15. 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