

LANE[®] GRANDE

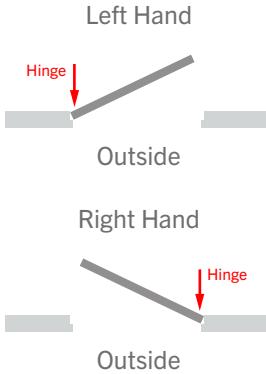
ELECTRONIC

PULL HANDLE

Installation Guide

Scan the QR code with your phone camera to explore the Lane Grande range and for links to instructional videos





1. Door Handing

First choose which door configuration you have, then set the Installation template to suit by folding along the Vertical Dotted line for either a 60mm or 70mm backset (distance from the door edge)

The lower horizontal line (centreline for the 54mm hole position) will also be the position for the DEADBOLT.

2. Hole Marking

Place the folded template against the OUTSIDE face and edge of the door, position the horizontal centre of the 54mm hole approximately 950mm off the ground and check that this position suits you. The template shows the position of the LOCK and the KEYPAD, adjust height if required.

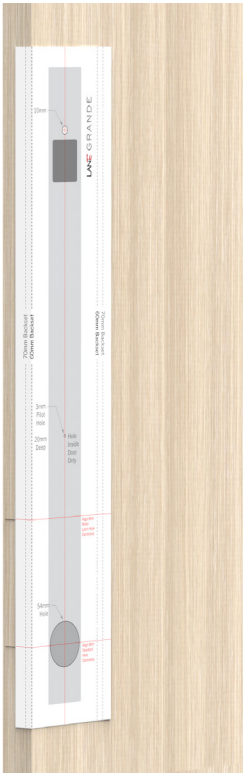
Mark (using a nail) the hole centres to be drilled on the OUTSIDE door face.

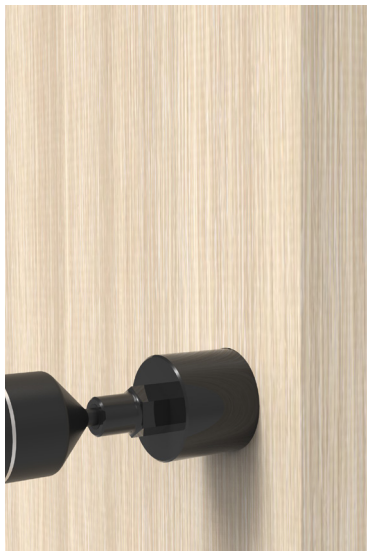
Mark the horizontal centre for the DEADBOLT and the ROLLER LATCH on the door edge.

Fold the opposite Vertical Dotted line for the same backset as previous and reposition the template on the INSIDE face of the door.

Align the template with the lines marked on the door edge.

Mark (using a nail) the hole centres to be drilled on the INSIDE door face.





3. Face of Door Drilling

Drill the 54mm hole using a hole-saw from both sides to improve accuracy and avoid splintering.



4. Edge of Door Drilling

Drill the top 25mm hole for the ROLLER LATCH to a depth of 55mm .
Drill the lower 25mm hole for the DEADBOLT till it breaks through to the 54mm hole .
Ensure that these holes are drilled squarely. Insert the ROLLER LATCH in the top hole and the DEADBOLT in the bottom hole.
Mark around each face plate ready for rebating.



5. Drill Handle Holes

Drill top 10mm mounting hole for the OUTSIDE PULL HANDLE.

Drill the lower 3mm pilot hole for the INSIDE PULL HANDLE to a depth of 20mm on the INSIDE face of the door only.

Note: DO NOT DRILL ALL THE WAY THROUGH THE DOOR



6. Chisel Rebates

Chisel out the timber so that ROLLER LATCH and DEADBOLT face plates sit flush with the door edge (approx 3mm)



7. 60mm Backset

Set Backset of DEADBOLT.
For 60mm Backset leave Latch as shown.



8. 70mm Backset

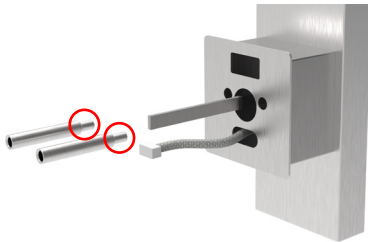
To extend DEADBOLT to 70mm backset, twist body and then pull faceplate out of lock body. Once set, turn faceplate back to lock in place.



9. Install Deadbolt and Roller Latches

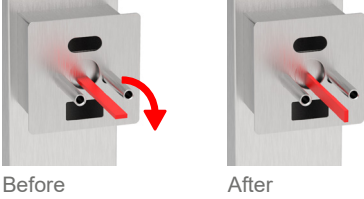
Insert the ROLLER LATCH in the top hole, you may need to adjust the latch strength to suit your desired pull force to open the door. (the adjustment is described later in these instructions). Fasten in place with screws supplied.

Place the DEADBOLT into the bottom hole, observing the 'UP' direction indicated on the deadbolt, then screw into place with the wood screws supplied.



10. Mount Bosses to Handle

Screw the two threaded bosses into the lower mounting assembly of the outside pull handle.



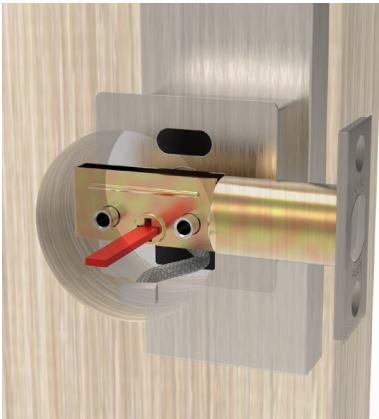
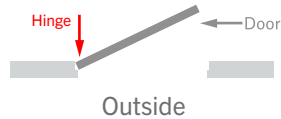
11a. Left Hand Install

With linkage blade (shown in red) in the horizontal position, rotate it **CLOCKWISE** to vertical. Ensure key is not in the lock when performing rotation.



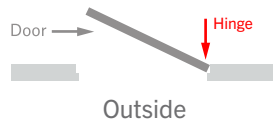
11b. Left Hand Install

Make sure the **DEADBOLT** is retracted then slide the mounting bosses and lock linkage blade on the outside pull handle through the holes in the **DEADBOLT** and feed electrical connector cable below the **DEADBOLT**. Ensure the lock linkage blade is **Vertical** for a left hand installation. With the key removed, rotate spindle by hand to check deadbolt extends.



12. Right Hand Install

Make sure the **DEADBOLT** is retracted then slide the mounting bosses and lock linkage blade on the outside pull handle through the holes in the **DEADBOLT** and feed electrical connector cable below the **DEADBOLT**. Ensure the lock linkage blade (shown in red) is **Horizontal** for a right hand installation.





13. Electronic Lock Unit Mounting Plate Install

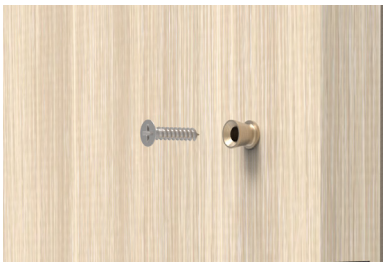
Remove the black moulding and the steel mounting plate from the internal electronic lock unit. Feed ELECTRICAL CONNECTOR CABLE through the lower slot in the electronic lock unit mounting plate. Using the two M4 mounting screws fasten the mounting plate to the OUTSIDE PULL HANDLE.

Drill 3mm pilot hole, 10mm deep through countersunk hole, circled in red. Fasten with wood screw supplied.



14. Top Boss Install

Place the brass boss onto the long M8 mounting bolt, slide through the top 10mm hole from the inside door face and fasten into the top mounting assembly of the outside pull handle.



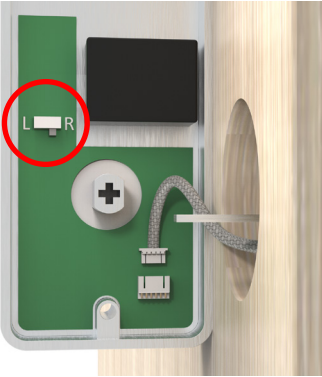
15. Bottom Boss Install

Using the lower pre drilled mounting hole on the inside face of the door, screw the brass boss onto the door using the 30mm wood screw.



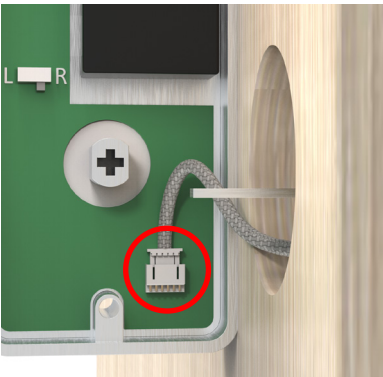
16. Attach Inside Handle

Place the inside pull handle onto the brass bosses. Fasten the pull handle in place with the grubscrews pre-installed in the handle mounting assembly using the Hex key provided.



17. Configure Switch

Set switch inside Electronic Lock Unit to suit LEFT or RIGHT handing.

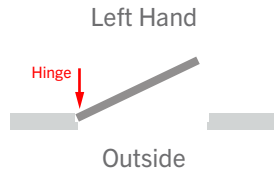


18. Connect Cable

Insert the plug into the socket with the side of the plug with ribs facing outward.

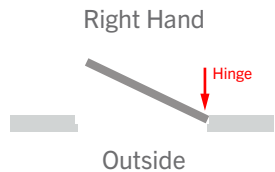
19. Left Hand Install

Orient Turn snib VERTICALLY for LEFT HAND installation.



20. Right Hand Install

Orient Turn snib HORIZONTALLY for RIGHT HAND installation.

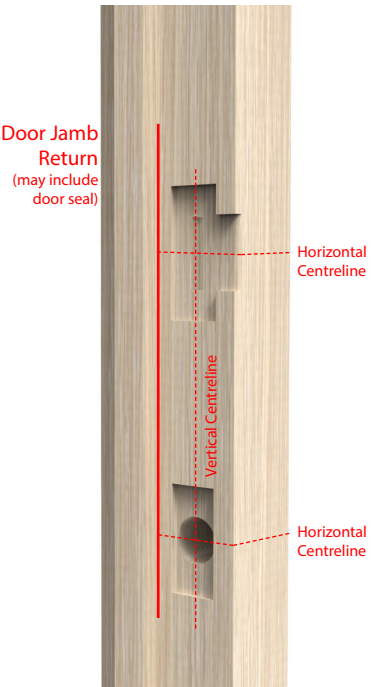




21. Attach Electronic Housing to Door

Slide battery cover upward to remove and to access mounting hole and install small screw. Fasten bottom with long screw.

Turn the turn snib to test Lock & Unlock functions before fully tightening screws. Make sure the bolt extends and retracts smoothly. Do not overtighten the screws.



22. Rebate Door Jamb

Mark the HORIZONTAL centres of the ROLLER LATCH and DEADBOLT onto the door jamb to determine the set out of the strike plates, the strike plate position must allow for engagement with the Roller Latch and Deadbolt when the door is closed (allow for door seal if included). The vertical centreline for the indentation in the Roller Latch Strike and the cutout in the Deadbolt Strike should be measured from the return on the door jamb, this dimension is half the door thickness plus some clearance to ensure the Deadbolt latch is free to extend and retract without interference.

Trace around the plates as a guide for rebating. Drill Deadbolt hole using a 25mm holesaw to a depth of 25mm.

Use a chisel to create recess for Roller latch and to rebate both faceplates to be flush with the door jamb.



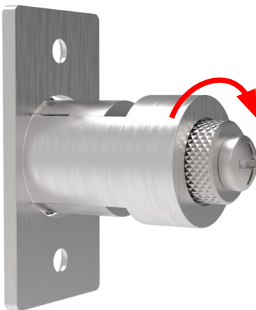
23. Strike Installation

Fasten strikes in place using wood screws provided. Ensure that Deadbolt and Roller latch engage correctly (by closing the door the Roller latch will hold the door in the closed position).



Test the Deadbolt by closing door and turning the turn snib to engage Deadbolt. This should be a smooth action with minimal effort.

Note: Any friction between the Deadbolt and strike can damage the motor that drives the lock (the Deadbolt strike plate may need to be repositioned to eliminate friction)



24. Adjust Roller Force



Turn knurled knob clockwise to increase force on Roller latch as required.

25. Operation Test

Before pairing with the TTLOCK app, test the operation with the door open. Install the batteries, then using the turn snib, unlock the Deadbolt.

Remove protective film from the keypad.



Press the Closed Padlock symbol  on the touch screen to lock the Deadbolt. Use the default passcode 123456 then press the Opened Padlock symbol  on the touch screen to unlock the Deadbolt. Check the Deadbolt is moving in and out smoothly, if not loosen the fixing screws and carefully review the installation instructions.

After confirming the above steps, repeat the steps with the door closed and check the operation is smooth.

Ensure the Roller latch holds the door closed and the Deadbolt moves in and out freely with clearance around it. The clearance around the deadbolt is critical and allows some space for the lock to continue to operate if the door or jamb moves over time.

Note: Any friction between the Deadbolt and strike can damage the motor that drives the lock (the Deadbolt strike plate may need to be repositioned to eliminate friction)

Please refer to the TTLOCK user manual and download the App to your smartphone. After you have created your user account and paired the lock to your smartphone you may register the IC cards and create new passcodes.

Note: After pairing your lock the default password 123456 is disabled.



26. Resetting

Pressing the RESET button for 5 seconds will return your lock to the default settings.

If the lock is still seen as paired on your TTLOCK app, then please delete it from the app and pair it again

WARRANTY

ITW warrants that this product will be free from defects in workmanship and materials for a period of 2 years in respect of the electronics contained in the product and for a period of 7 years in respect of mechanical operation and tarnishing of the product when installed and operated in accordance with instructions and not subjected to abnormal conditions or abuse. If a defect in workmanship or materials becomes evident during the relevant period, ITW will, at its option, either repair replace or refund the product. In the event of such a defect, the product must be returned to us (together with details of purchase and where possible the original packaging) at the address below, together with written details of the defect. Any handling or transportation expenses (and other expenses incurred in claiming under this warranty) are not covered by this warranty and will not be borne by ITW. In addition to other rights and remedies that may be available under law, our goods come with guarantees that cannot be excluded under Australian Consumer Law (for consumers in Australia) and the Consumer Guarantees Act (for consumers in NZ). If you are a consumer in Australia, you are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. If you are consumer in New Zealand, we will comply with our obligations to you under the Consumer Guarantees Act.

