



# Responder 24

## Push Side fitting

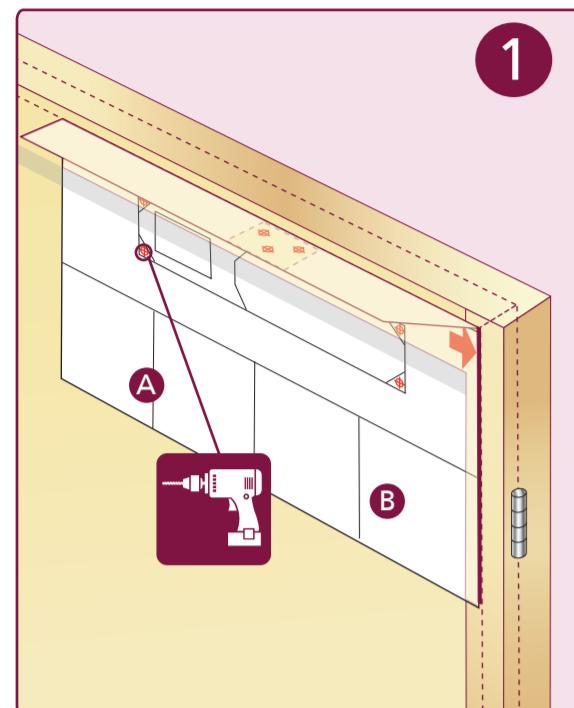


Push Side - Hold Open  
Installation video

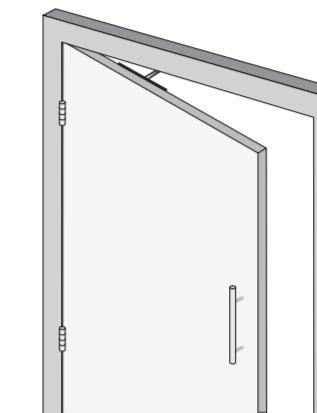


Push Side - Swing Free  
Installation video

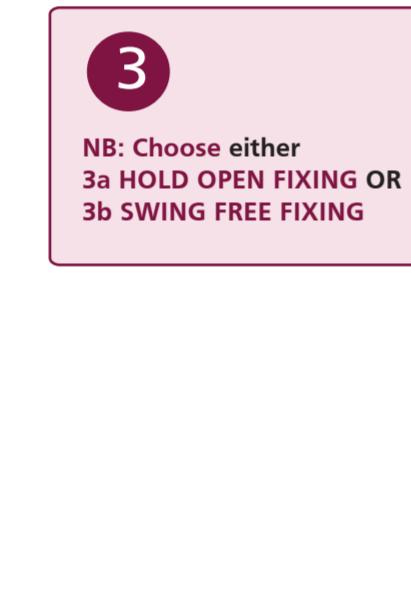
[www.rutlanduk.co.uk](http://www.rutlanduk.co.uk)



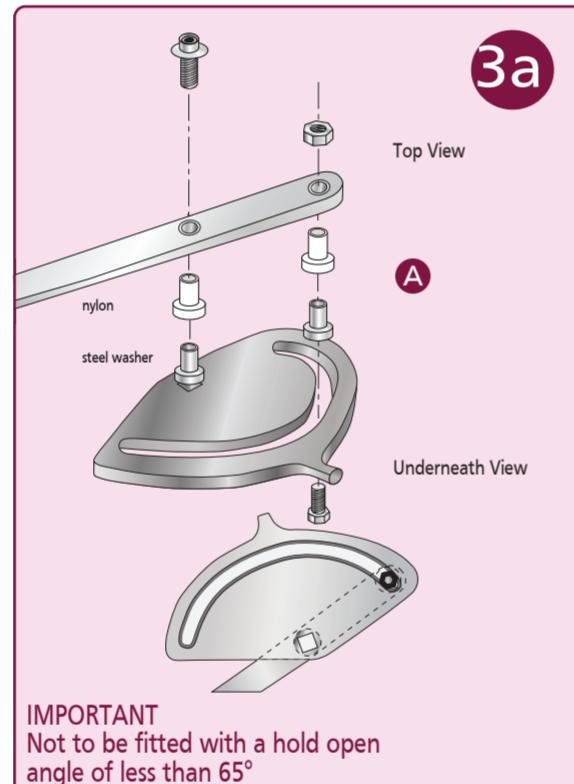
A. Decide on the correct template.  
B. Fold on dotted lines, position on door and pilot drill fixing positions.



A. Position spring on the hold open catch plate to the top location pin.  
B. Remove locking screw on electrical connection bracket to each end of the unit. Keep for later.  
C. Fix closer to door with the electro magnet away from the hinge.  
D. Refit the locking screw on both electrical connections.  
E. Fix soffit bracket.

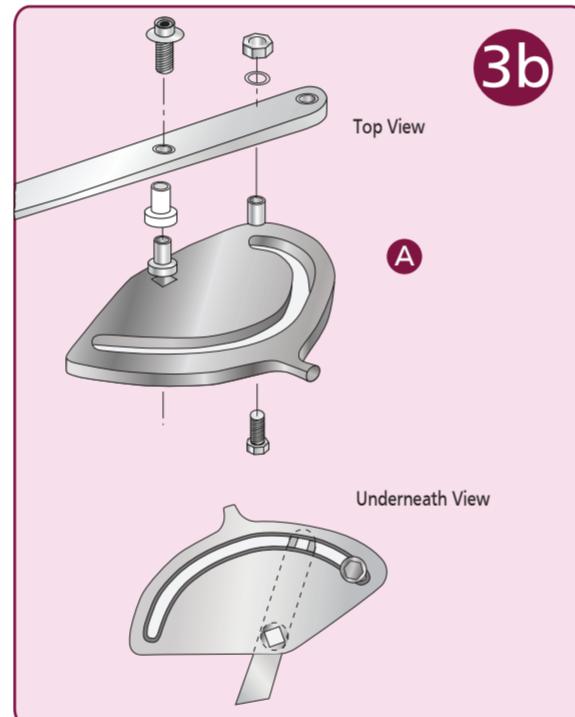


NB: Choose either  
3a HOLD OPEN FIXING OR  
3b SWING FREE FIXING

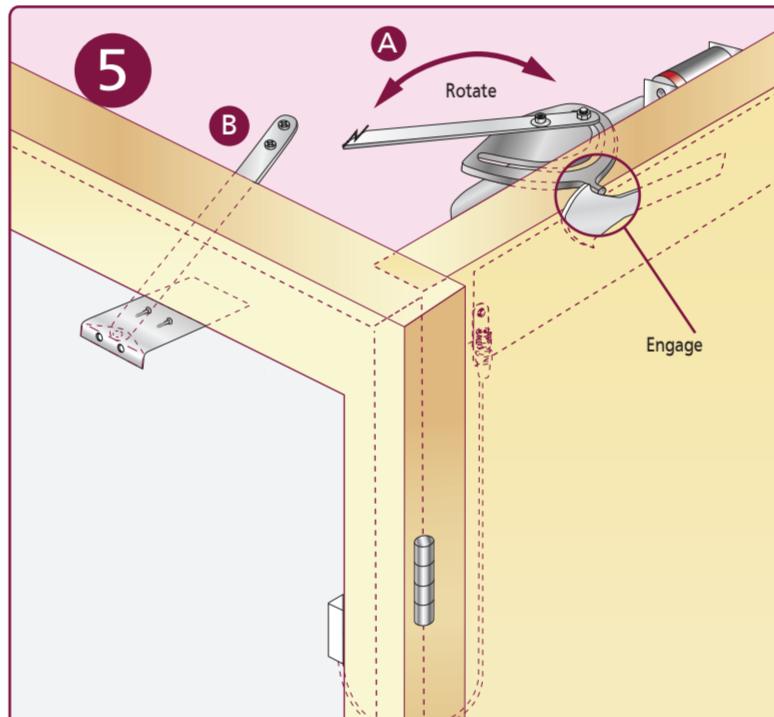


IMPORTANT  
Not to be fitted with a hold open  
angle of less than 65°

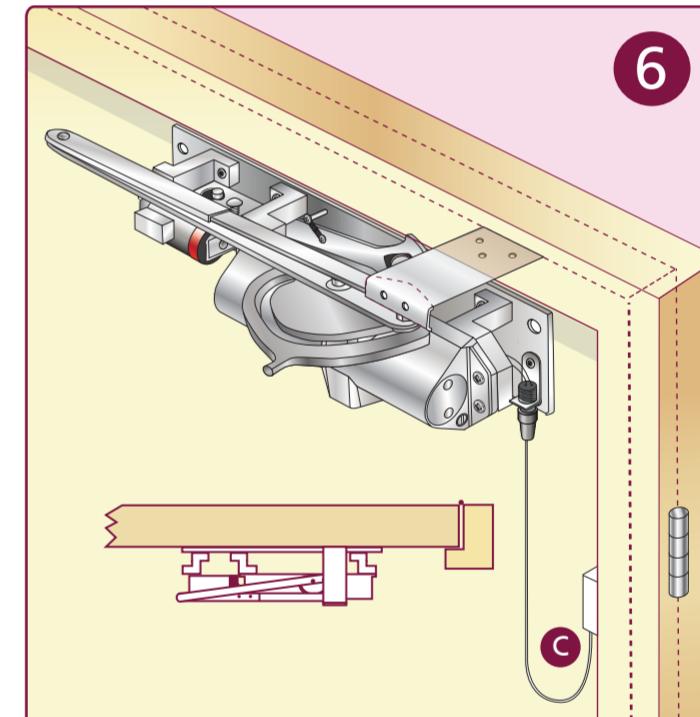
A. Fasten with bolt up through the Arc Wheel and 1st hole in arm, fix with lock tight nut and shouldered washer between.



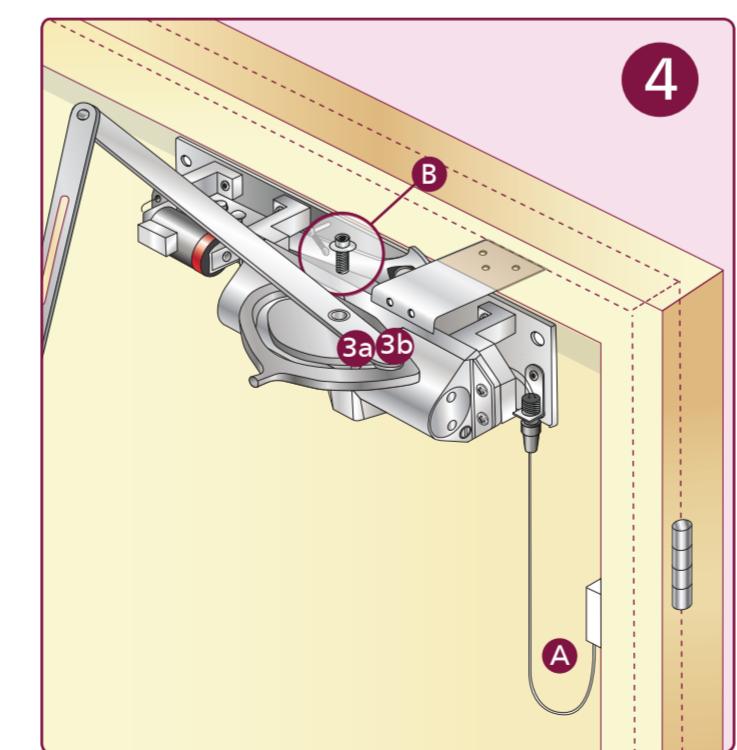
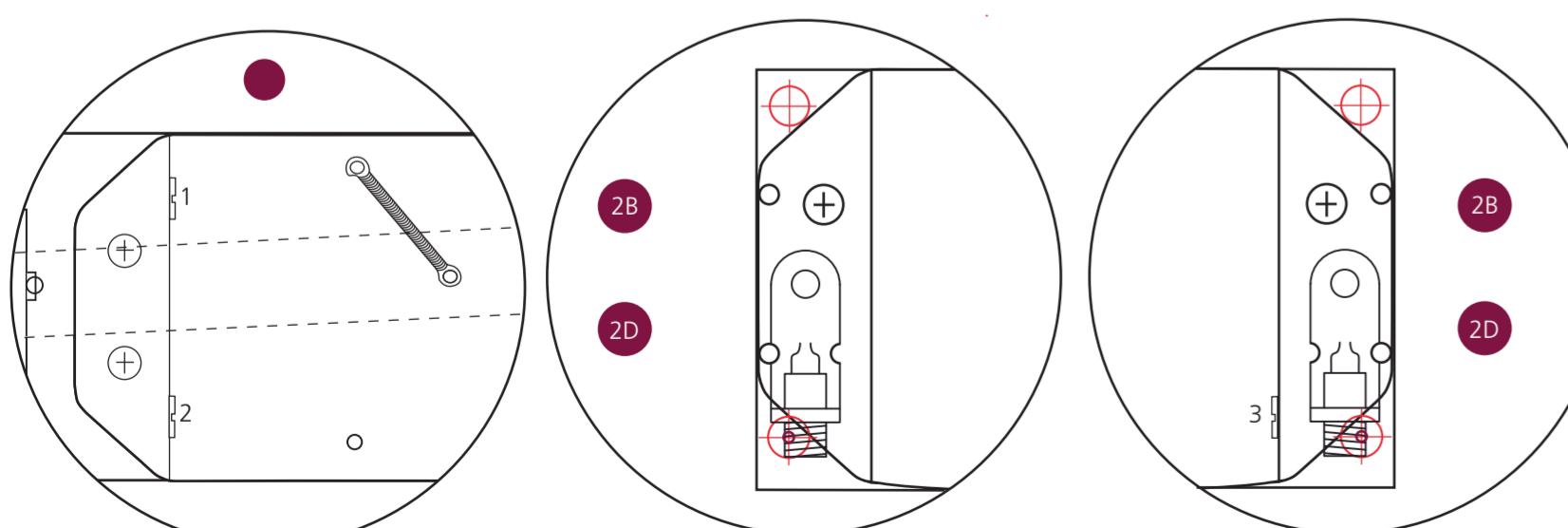
A. Fasten with bolt up through the Arc Wheel and fix through the collar spacer, lock tight nut and washer between. Do not fix through arm at this point.



A. Open door and rotate pinion through 90° with arm and engage Arc wheel with Hold Open catch plate.  
B. Separate the arm assembly and connect to the soffit bracket. Longest side of the shoe towards the hinge.  
C. Fasten secondary arm together, switch off electricity so the closer shuts the door.  
D. Adjust secondary arm so it holds parallel to the frame and tighten the two lock nuts.



SET UP AND ADJUST  
A. Adjust Closing Speed valve "1". This works from fully open to 15°. Turn clockwise to slow down the closing speed.  
B. Adjust Latching Speed valve "2". This works from 15° to closed. Turn clockwise to slow down the latching speed.  
C. Switch on electricity and re open the door to hold on the Catch Plate. Check and adjust door closer speed and latch option.  
D. Fit door closer cover by first snapping out the desired parts.



A. Connect the wiring as required to the junction box and plug the sockets together. Switch the electricity on.  
B. Place Arc wheel on the pinion of the closer 90° to the front door facing out. Fit arm to pinion through Arc Wheel, with the long shoulder bolt, through the 2nd hole in arm with stainless shouldered washer and Nylon washer between.

EN Size	Max door width	Angle
4*	1100mm	130°

\*FACTORY PRE-SET

IMPORTANT NOTES:  
ALL PARTS THAT ARE VISIBLE WHEN THE COVER IS ON SHOULD BE CHECKED AND TIGHTENED EVERY 3 MONTHS IF REQUIRED.  
ANY BROKEN OR DAMAGED PART MUST BE NOTIFIED TO THE SUPPLIER UPON OBSERVATION.  
KEEPING A WRITTEN LOG OF THE INSPECTIONS IS ADVISABLE FOR YOUR GUARANTEE.  
THE PINION BOLT MUST BE TIGHTENED TO 12Nm.  
VOLTAGE INPUT: 24V DC  
POWER CONSUMPTION: 2.1 Wh

A MECHANICAL DOOR CLOSER IS NOT DESIGNED TO OVERCOME POOR FITTING, EXCESSIVE AIR PRESSURES OR BINDING SMOKE AND WEATHER SEALS. EXCESSIVE AIR PRESSURES CAN BE CREATED BY THROUGH DRAFT, BY AIR COOLING SYSTEMS, BY EXHAUST FANS AND BY AUTOMATIC DOOR OPENERS. THE CLOSER IS DESIGNED TO MECHANICALLY CLOSER DOORS AS DESIGNED TO CLOSE THE STATED AND TESTED SPECIFICATION OF DOOR WEIGHT AND DOORS/DOOR ASSEMBLIES WHEN DOORS ARE FITTED WITH CORRECT GAPS AND NOT BINDING ON SEALS. IF YOU ENCOUNTER PROBLEMS WITH DOORS NOT CLOSING PLEASE WATCH OUR '6 WAYS TO TROUBLESHOOT A DOOR CLOSER' VIDEO ONLINE. WHERE DOORS ARE NOT CLOSING DUE TO AIR PRESSURES THEN PROFESSIONAL ADVICE FROM AN AUTHORISED INSTALLER IS RECOMMENDED TO FIT TESTED AND THIRD PARTY CERTIFIED AIR REGRILLS AND/OR AUTOMATIC DOOR OPERATORS.  
NOTE: BC VALVES ARE DESIGNED TO ASSIST BACK-CHECK AND DO NOT REPLACE THE REQUIREMENT FOR CORRECTLY FITTED DOORSTOP OR SAFETY BARRIERS.

TECHNICAL INFORMATION:  
BS EN1634-1:2014 + A1:2018

FURTHER WARRANTY INFORMATION: [https://www.rutlanduk.co.uk/rutland-warranty](http://www.rutlanduk.co.uk/rutland-warranty)

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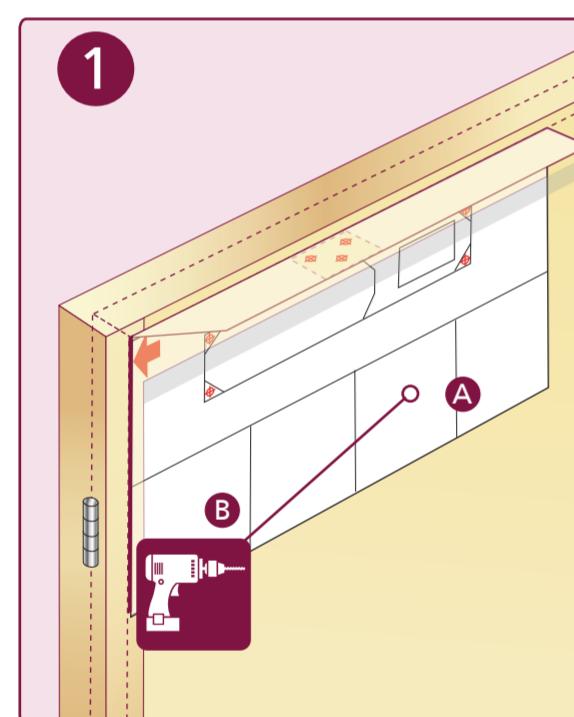
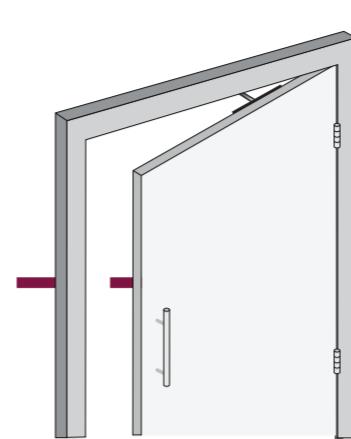
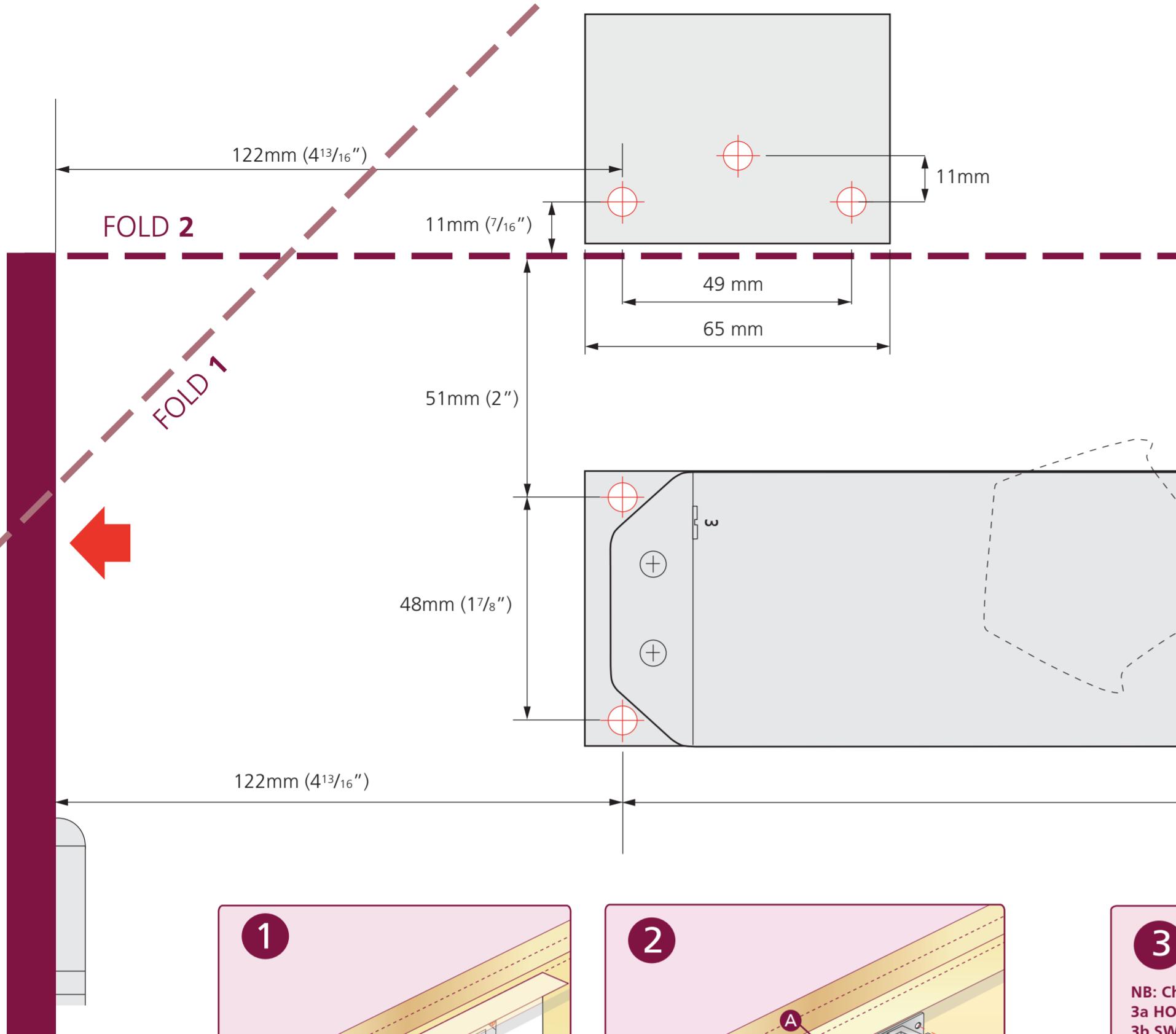
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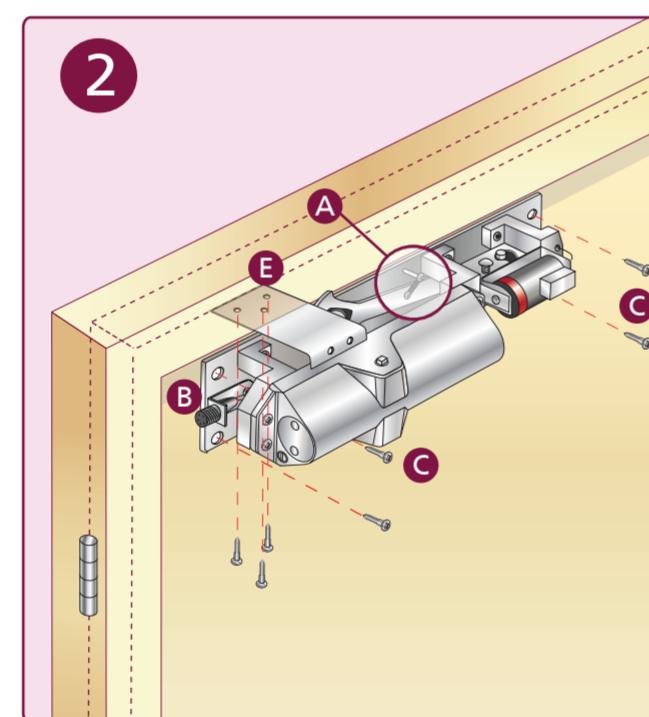
Push Side - Hold Open  
Installation video

Push Side - Swing Free  
Installation video

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**3**

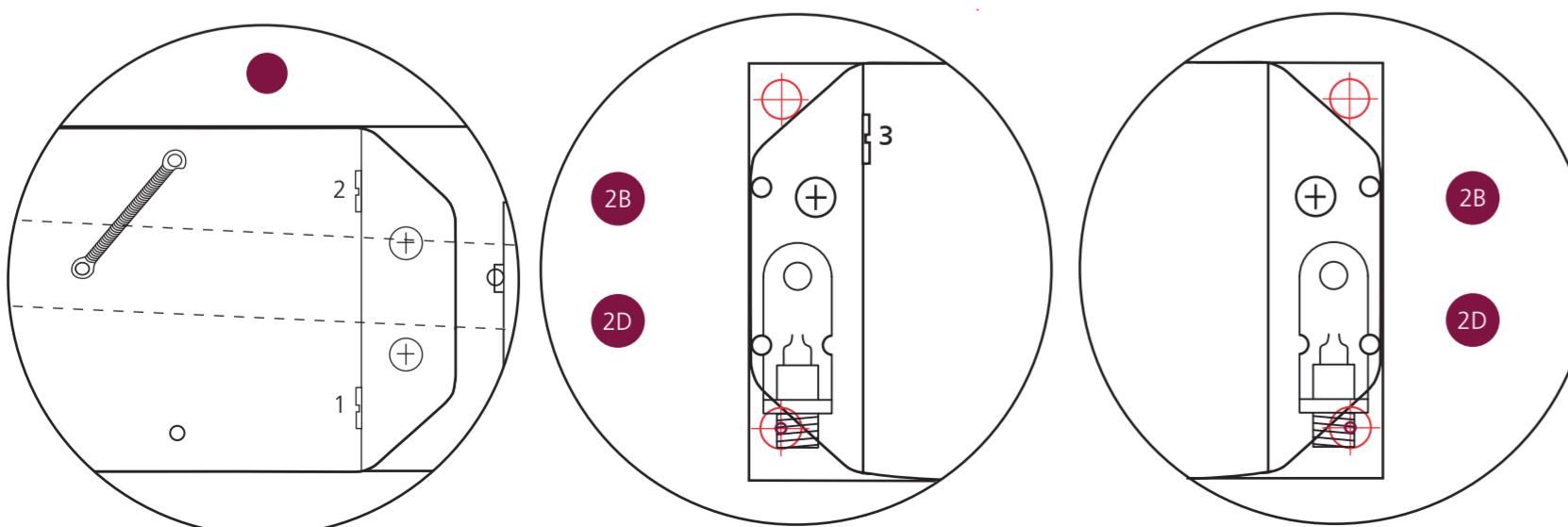
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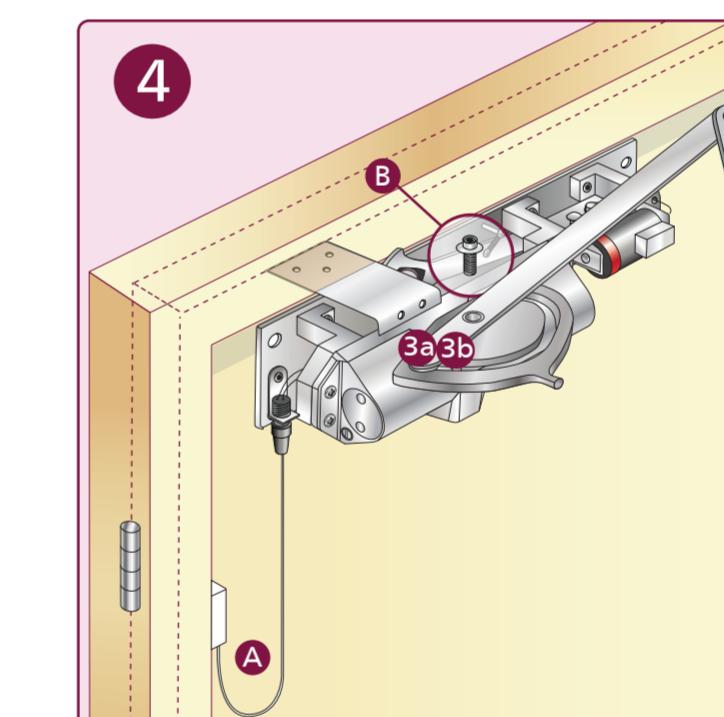
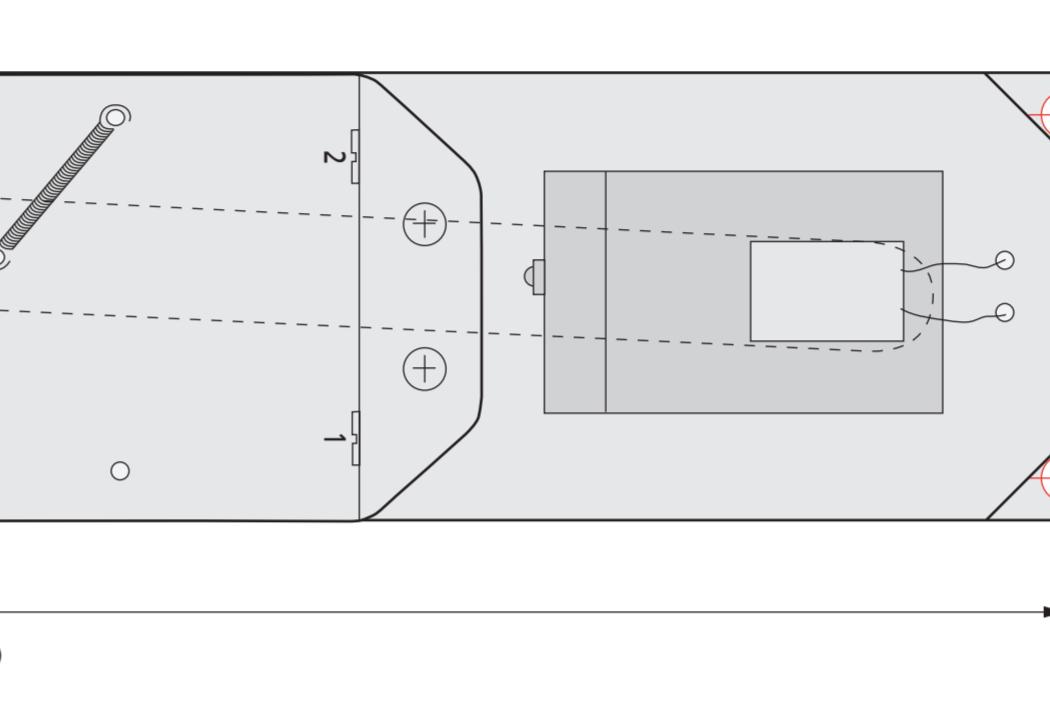
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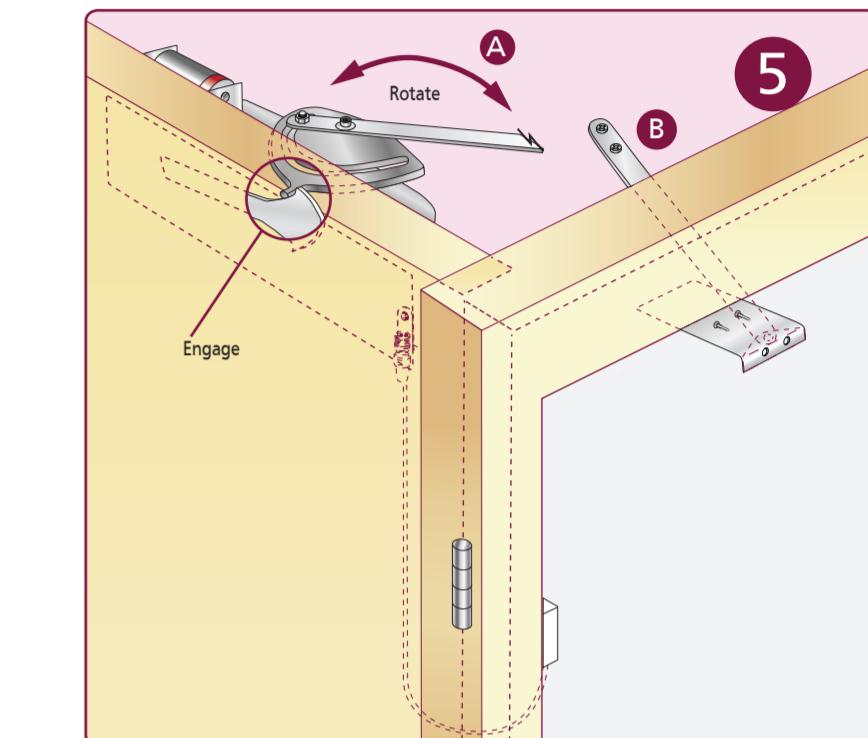
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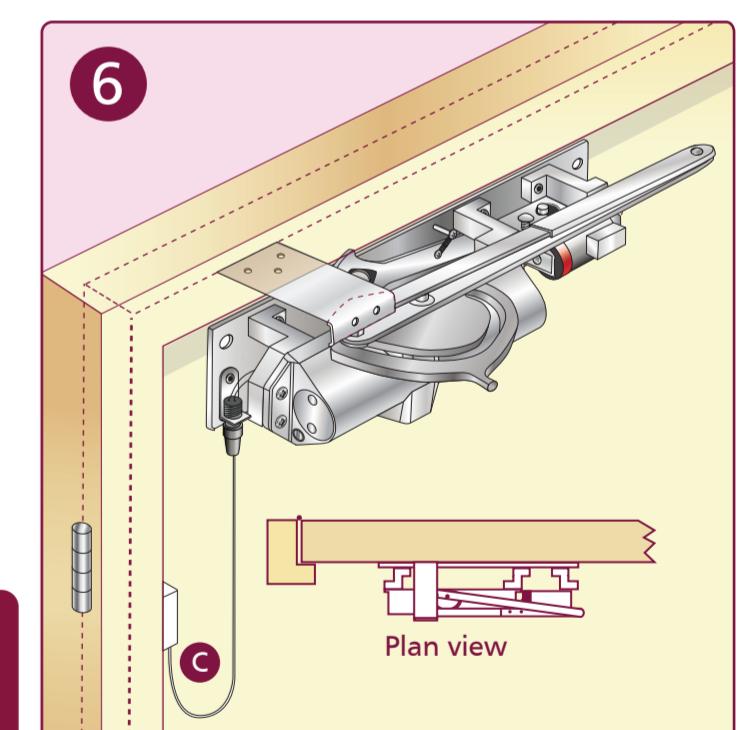
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