

03.06.15

ARROW ARCHITECTURAL

Tything Road

Alcester

B496ES

15

1121-CPR-AE0006	EN1154:1996 + A1:2002/AC:2006	EN1156:1997 + A1:2002/AC:2006
3841113	3841113	3841113

Warrington

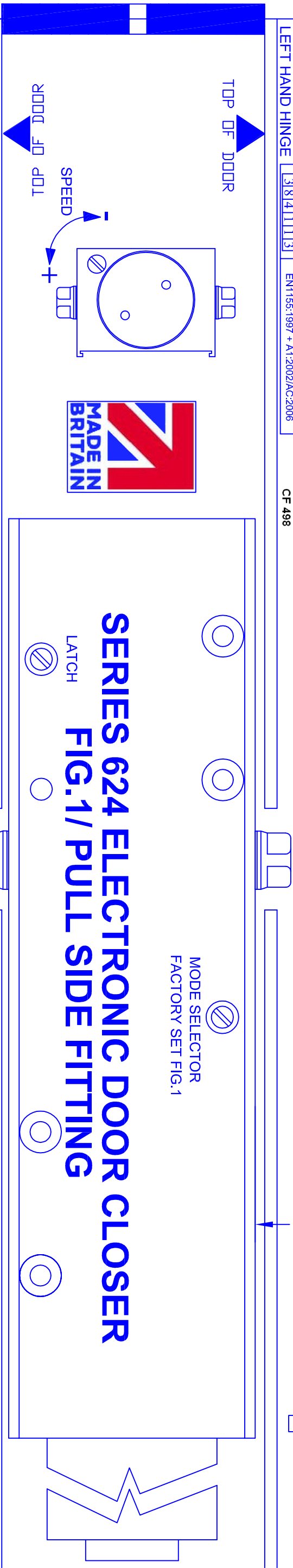
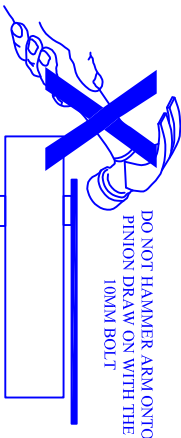
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certification

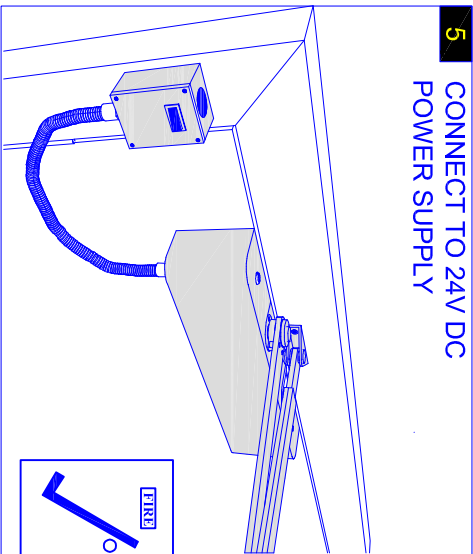
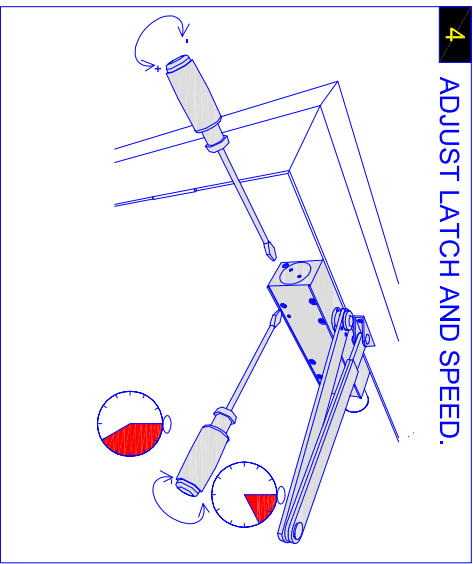
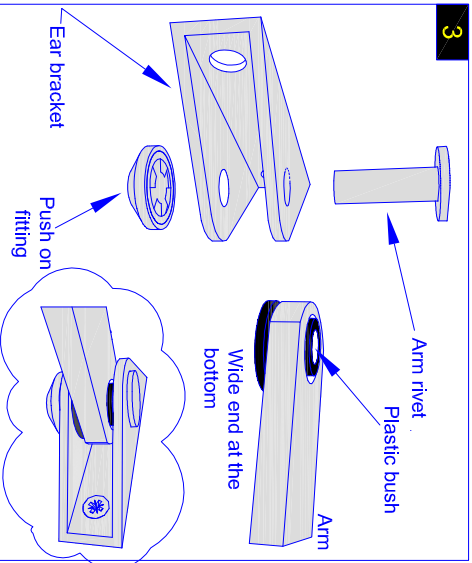
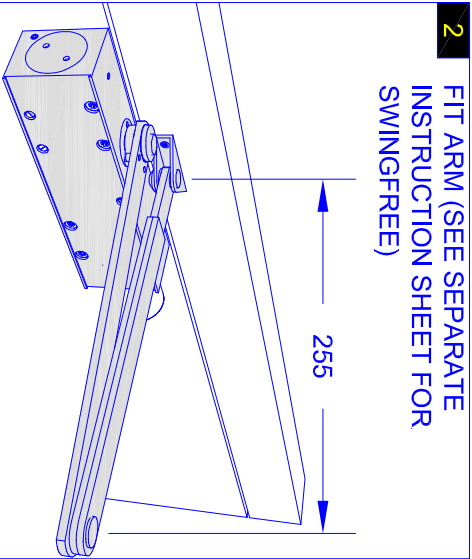
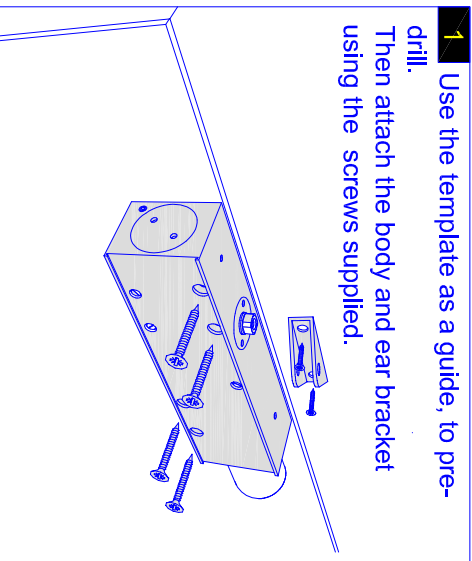
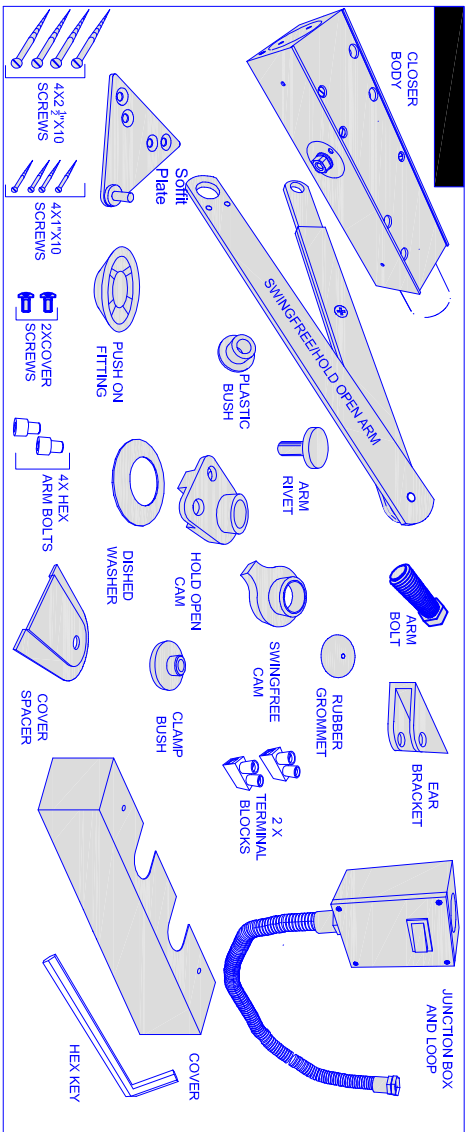
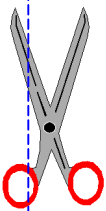
APPROVED PRODUCT

CF 498

THE CLOSER AND EAR BRACKET  
MUST BE LEVEL(USE A SPIRIT  
LEVEL) TO ENSURE THEY RUN PARALLEL.



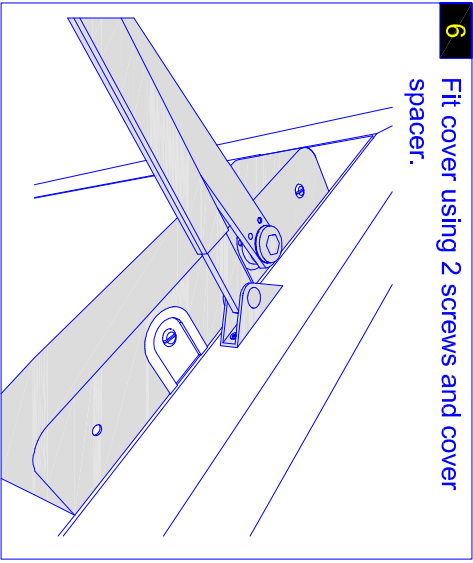
Max leaf width 1100mm, Max kg 80, power 4 max opening 110°



**POWER REQUIRED: 24V DC 2 WATTS 0.085AMPS**


**WIRING INSTRUCTIONS**

1. Screw the junction box onto the door frame at approximately the same height as the closer body.
2. Holding the cover, carefully thread the 2 red wires through the hole nearest to the door hinge and secure the armoured loop with the nut supplied.
3. Attach the 2 red wires from the junction box (the wires you have just put through the cover) to the 2 red wires coming out of the coil at the rear end of the closer body. (polarity is not important)
4. Connect your 24v dc supply to the switched junction box.
5. Switch the supply on and test(note:- make sure the switch on the junction box is in the on position before testing.)



**MAINTENANCE**

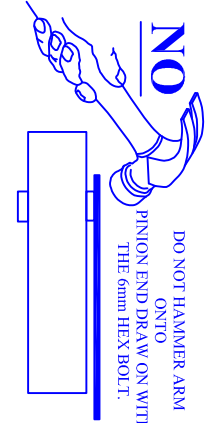
Periodically apply light oil to the arm knuckle joint and check all screws and the pinion bolt are tight.  
D.O.P download available at [www.arrow-architectural.com](http://www.arrow-architectural.com)

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3831113	EN155:1997 + A1:2002/AC:2006	
3831113		



THE CLOSER AND SOFFIT PLATE MUST BE LEVEL(USE A SPIRIT LEVEL)  
TO ENSURE THEY RUN PARALLEL.

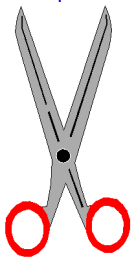
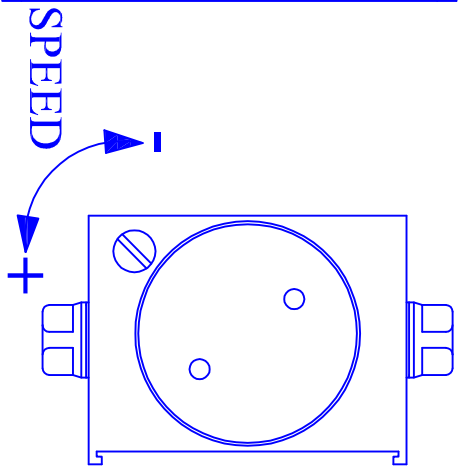
Max leaf width 950mm, Max kg 60, power 3, Max opening 170°



LEFT HAND HINGE

230

40



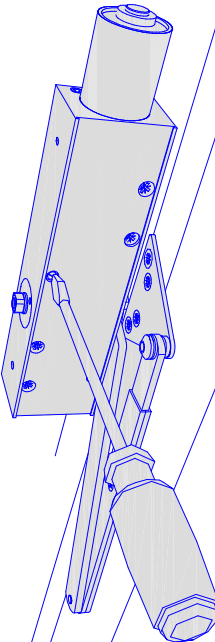
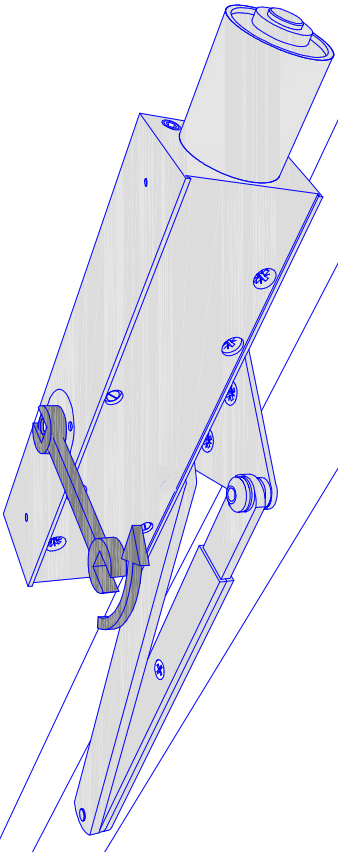
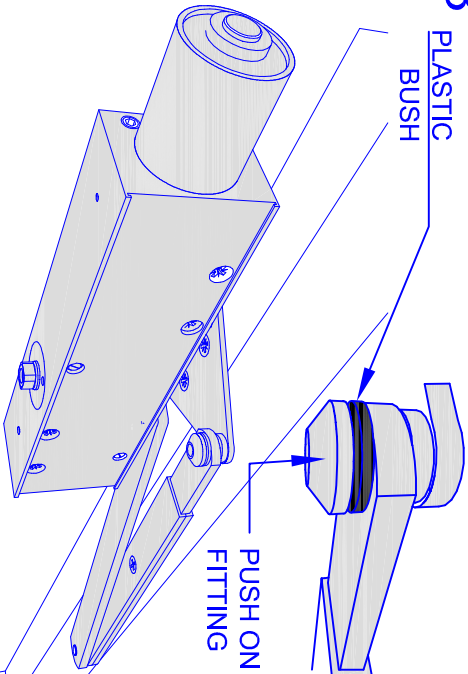
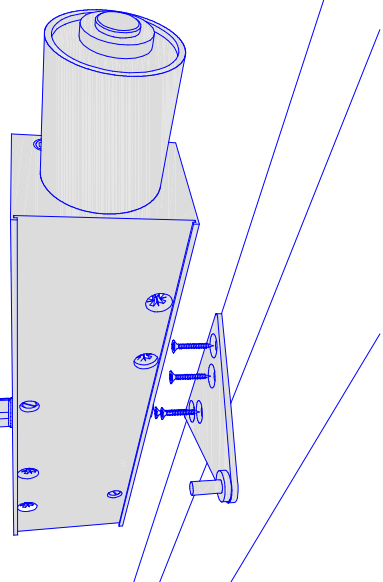
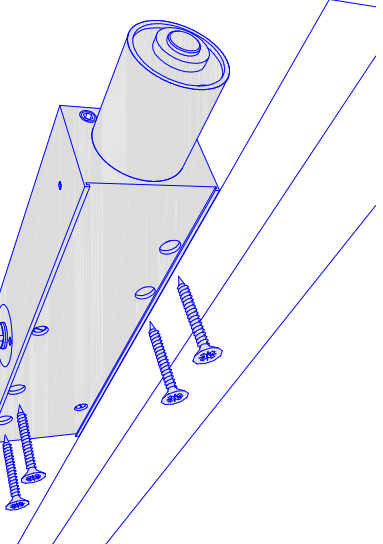
HINGE DOWN HIGH

1

2

3

4

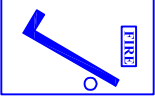


1. Use the template as a guide, drill pilot holes and screw the body to the door with the 2 ½" wood screws supplied.


2. Use the template as a guide, drill pilot holes and screw the soffit plate to the under side of the door frame (as shown in the diagram) with the 1" wood screws supplied. The soffit plate must be against the door face.

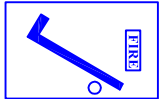
3. Secure the closer arm to the closer body using the arm bolt(rotate the pinion using a 12mm spanner as shown in drawing 4) (use a 10mm ring spanner to ensure this is tight). Then connect the arm to the soffit plate. Insert the plastic bush into the arm, place the arm onto the soffit plate then press the push on fitting firmly onto the soffit plate rivet.

5. When fitted in parallel mode your mode selector screw should be screwed in tight.  
For all other instructions follow 4/5 and 6 over leaf.

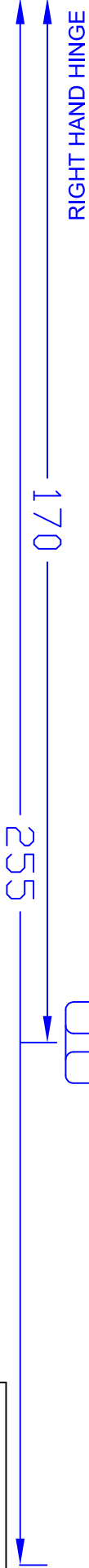
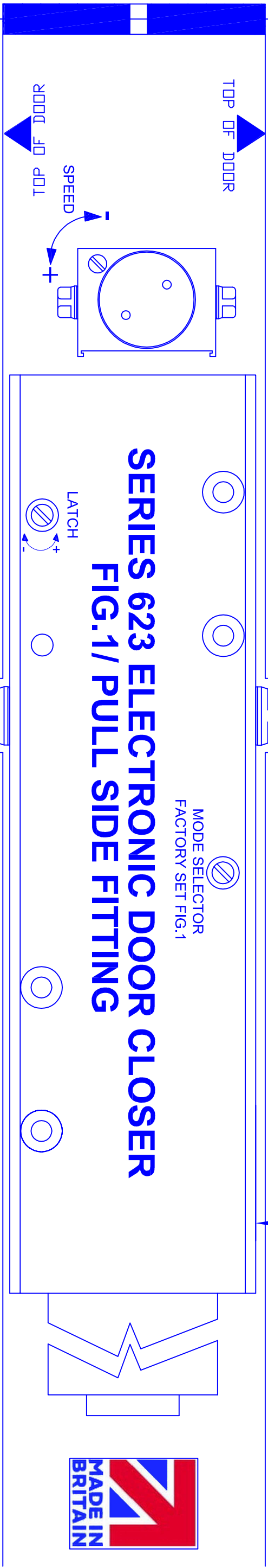
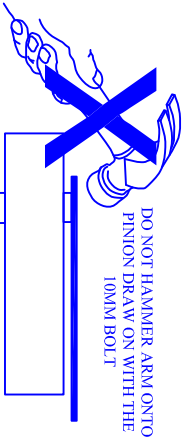
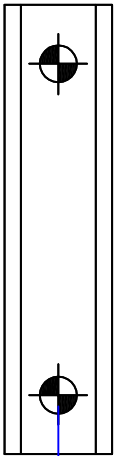


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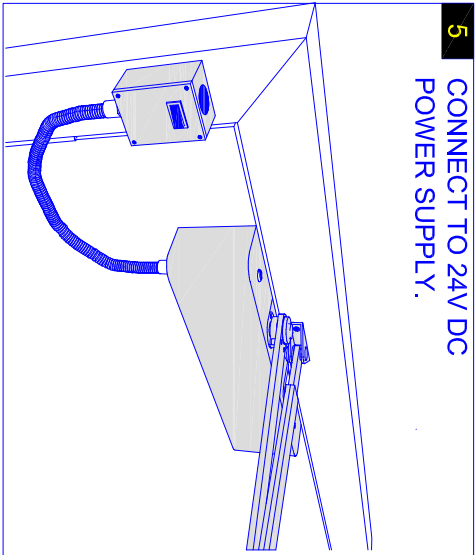
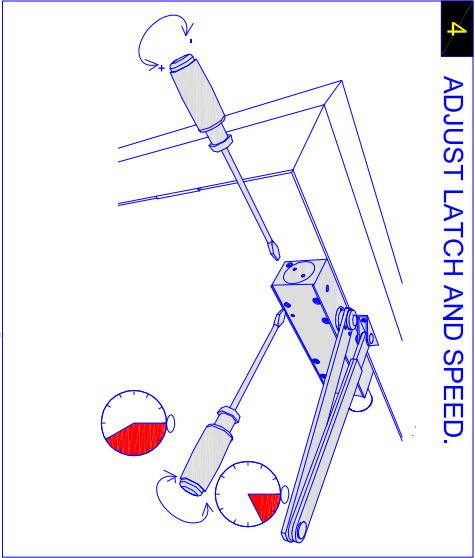
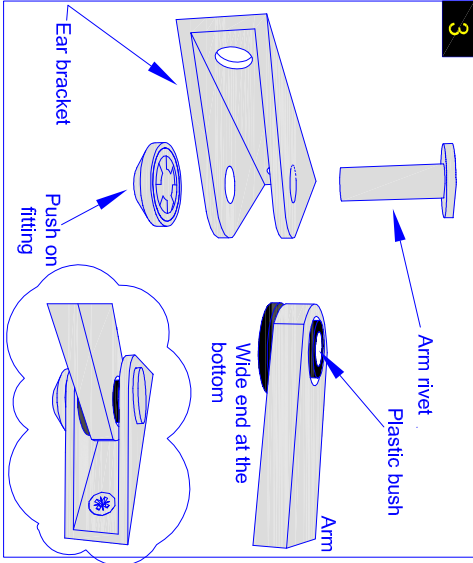
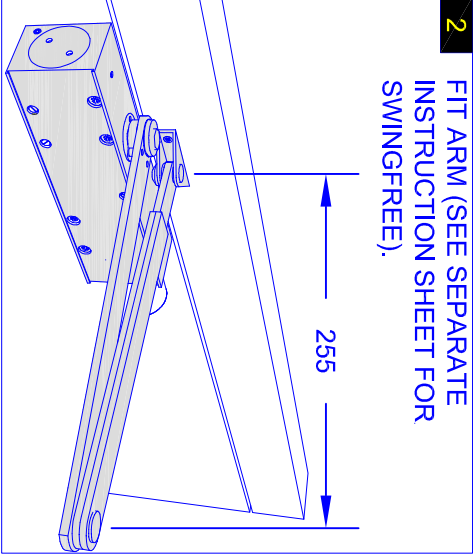
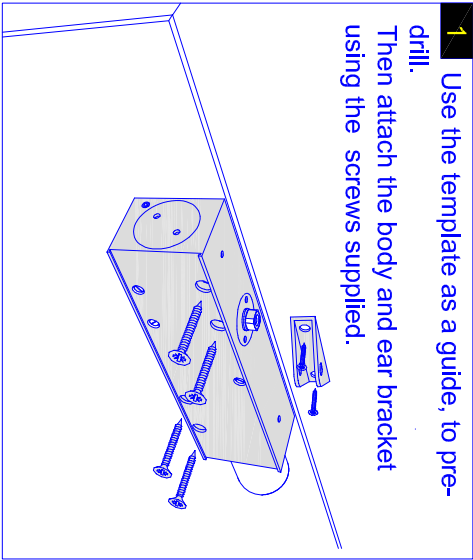
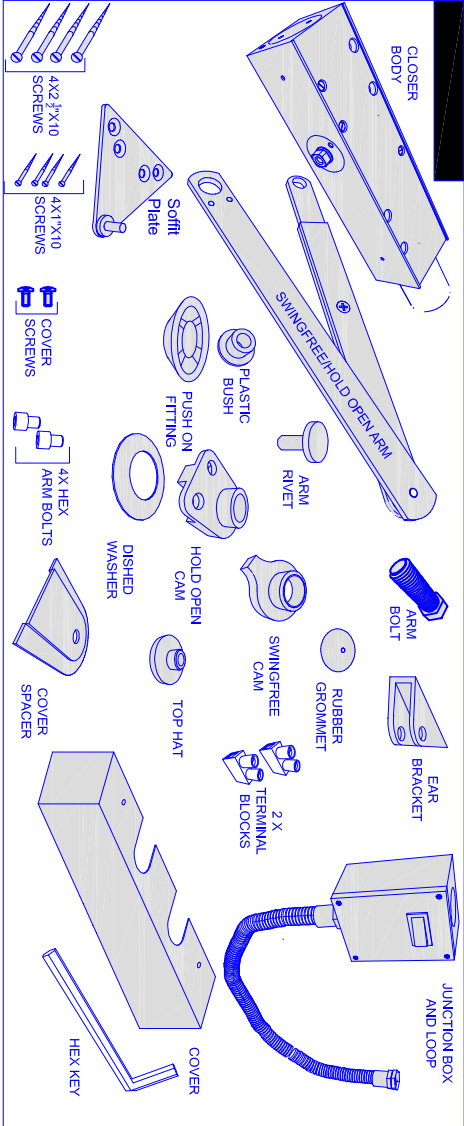
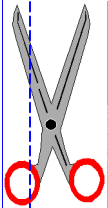
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THE CLOSER AND EAR BRACKET MUST  
BE LEVEL(USE A SPIRIT LEVEL)  
TO ENSURE THEY RUN PARALLEL.



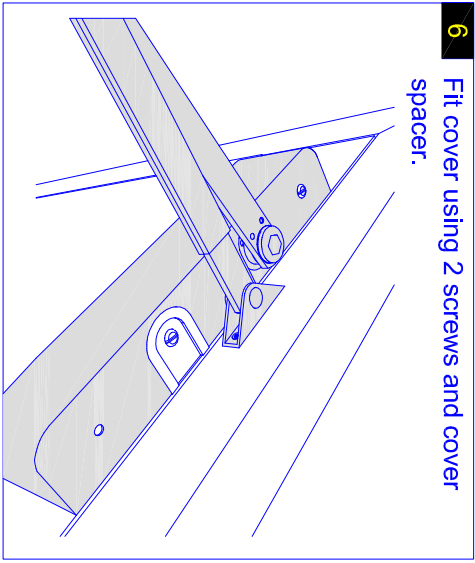
Max leaf width 950mm, Max kg 60, power 3 max opening 180°



**POWER REQUIRED:-24V DC-2 WATTS-0.085AMPS**

**WIRING INSTRUCTIONS**

1. Screw the junction box onto the door frame at approximately the same height as the closer body.
2. Holding the cover, carefully thread the 2 red wires through the hole nearest to the door hinge and secure the armoured loop with the nut supplied.
3. Attach the 2 red wires from the junction box (the wires you have just put through the cover) to the 2 red wires coming out of the coil at the rear end of the closer body. (polarity is not important)
4. Connect your **24v dc** supply to the switched junction box.
5. Switch the supply on and test(note:- make sure the switch on the junction box is in the on position before testing.)



**MAINTENANCE**

Periodically apply light oil to the arm knuckle joint and check all screws and the pinion bolt are tight.  
D.O.P download available at [www.arrow-architectural.com](http://www.arrow-architectural.com)

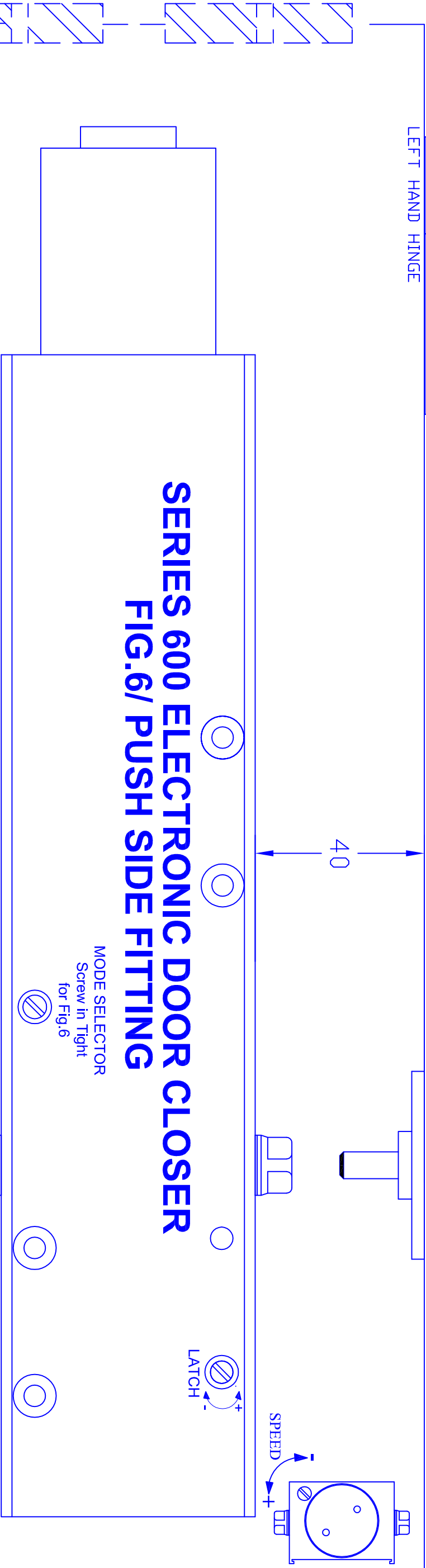


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3841113			

THE CLOSER AND SOFFIT PLATE MUST BE LEVEL(USE A SPIRIT LEVEL)  
TO ENSURE THEY RUN PARALLEL.

Max leaf width 1100mm, Max kg80, power 4, Max opening 110°

LEFT HAND HINGE



# SERIES 600 ELECTRONIC DOOR CLOSER

## FIG.6/ PUSH SIDE FITTING

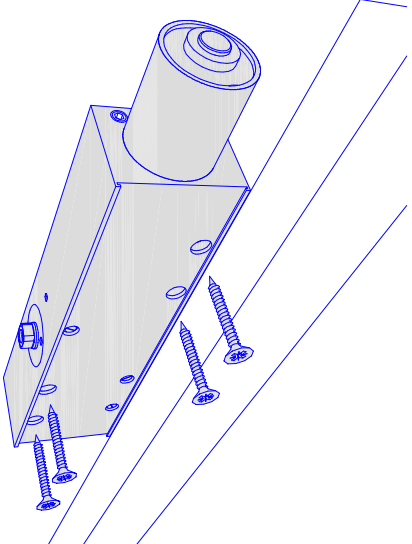
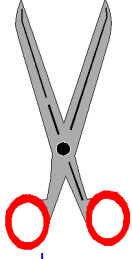
MODE SELECTOR  
Screw in Tight  
for Fig.6

LATCH

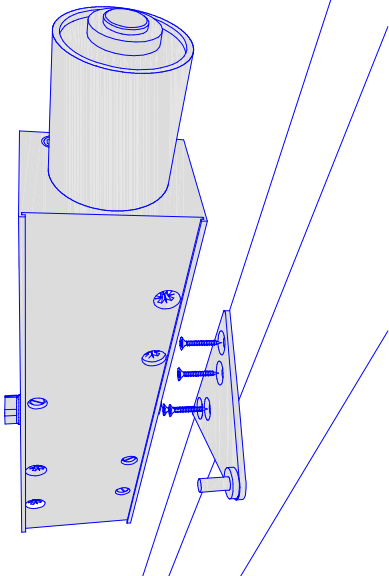
SPEED

DO NOT HAMMER ARM  
ONTO  
PINION END DRAW ON WITH  
THE 6mm HEX BOLT.

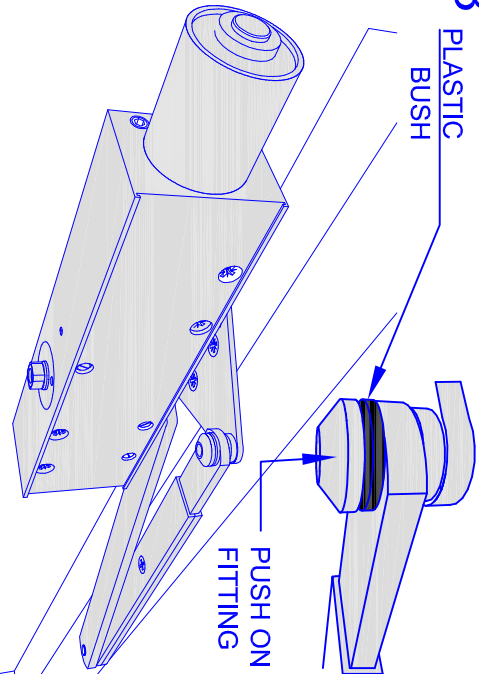
HINGE DNVH THIGH



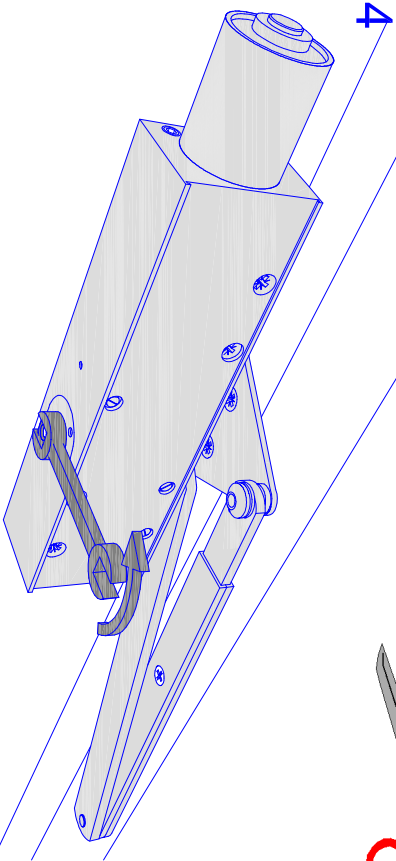
1. Use the template as a guide, drill pilot holes and screw the body to the door with the 2 1/2" wood screws supplied.



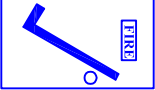
2. Using the template as a guide, drill pilot holes and screw the soffit plate to the under side of the door frame (as shown in the diagram) with the 1" wood screws supplied. The soffit plate must be against the door face.



3. Secure the closer arm to the closer body using the arm bolt(rotate the pinion using a 12mm spanner as shown in drawing 4) (use a 10mm ring spanner to ensure this is tight). Then connect the arm to the soffit plate. Insert the plastic bush into the arm, place the arm onto the soffit plate then press the push on fitting firmly onto the soffit plate rivet.



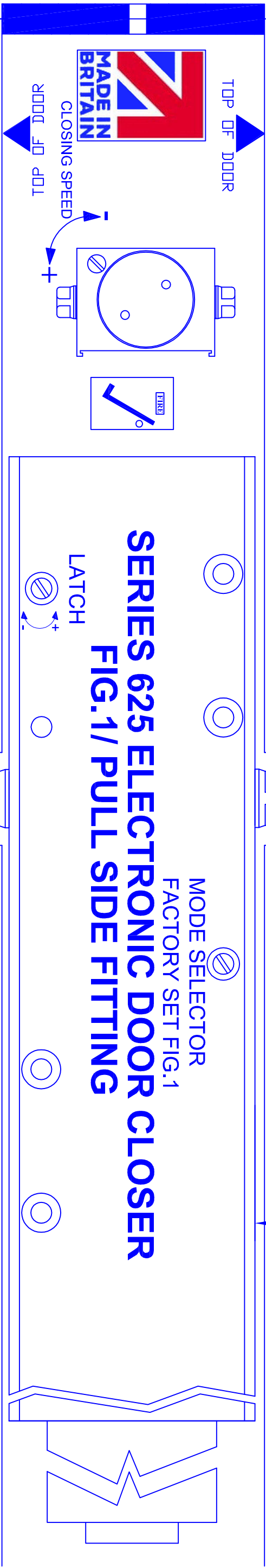
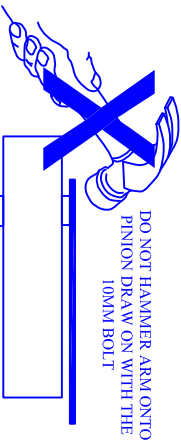
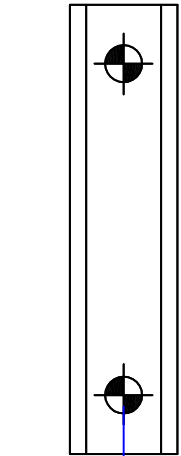
5. When fitted in parallel mode your mode selector screw should be screwed in tight.  
For all other instructions follow 4/5 and 6 over leaf.



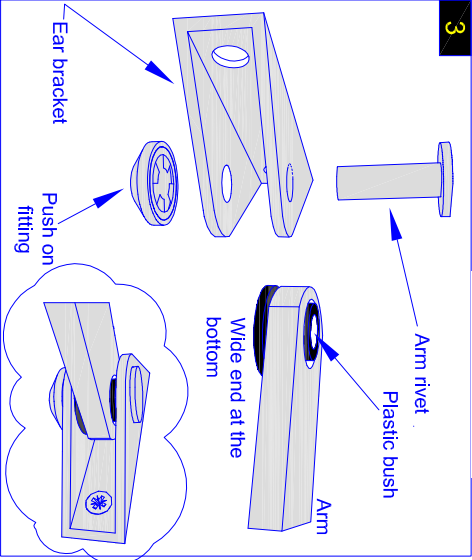
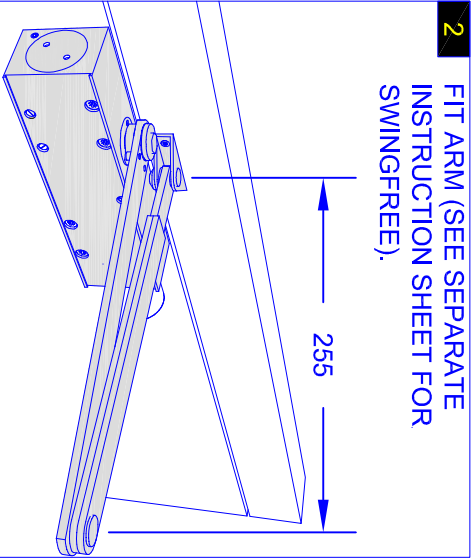
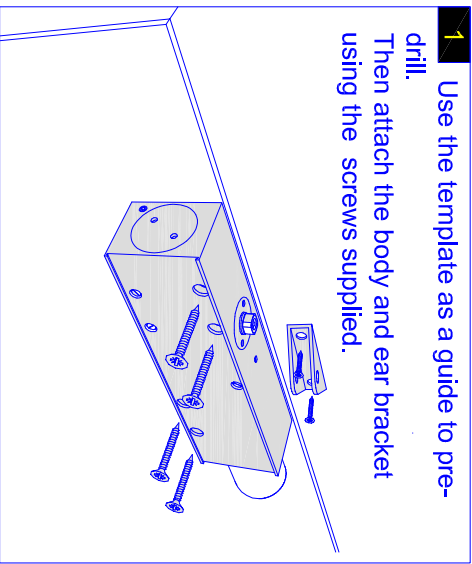
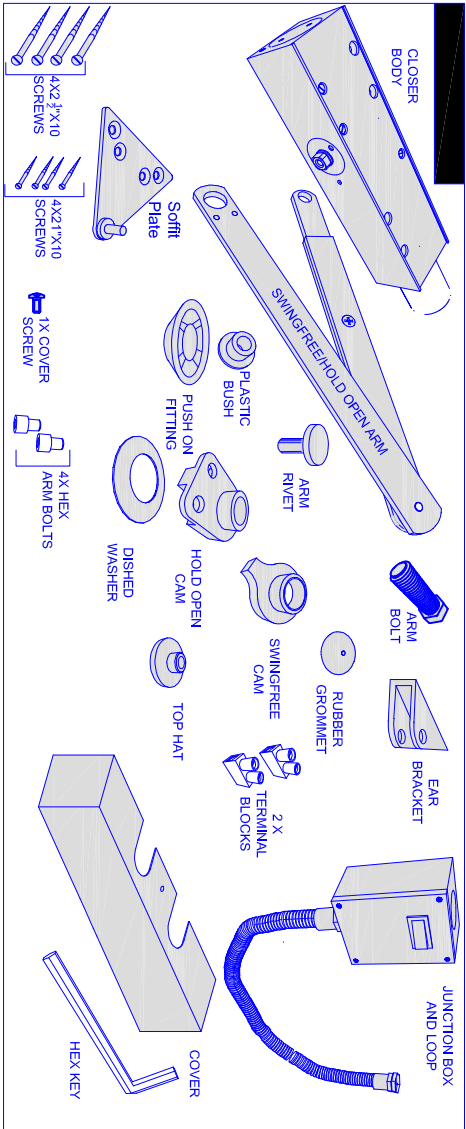
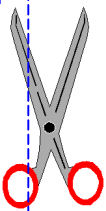
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Tything Road			Alcester
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3851113	EN1154:1996 + A1:2002/AC:2006		
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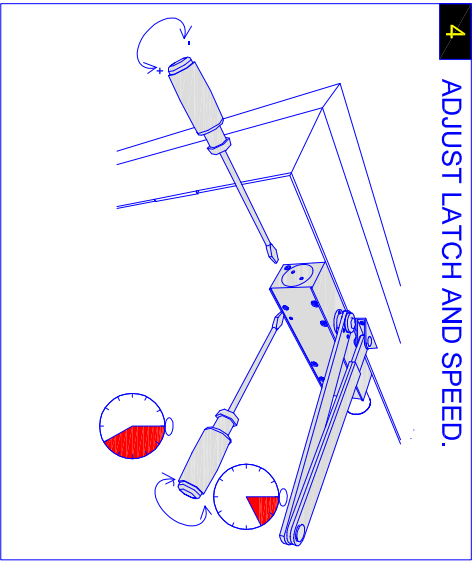
THE CLOSER AND EAR BRACKET MUST BE LEVEL(USE A SPIRIT LEVEL) TO ENSURE THEY RUN PARALLEL.



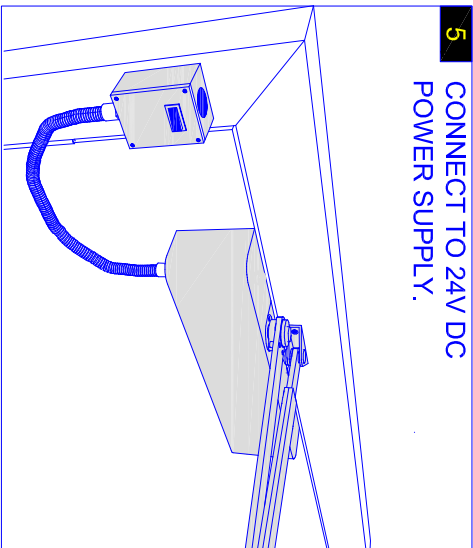
Max leaf width 1250mm, Max kg 100, power 5 max opening 110°



4 ADJUST LATCH AND SPEED.



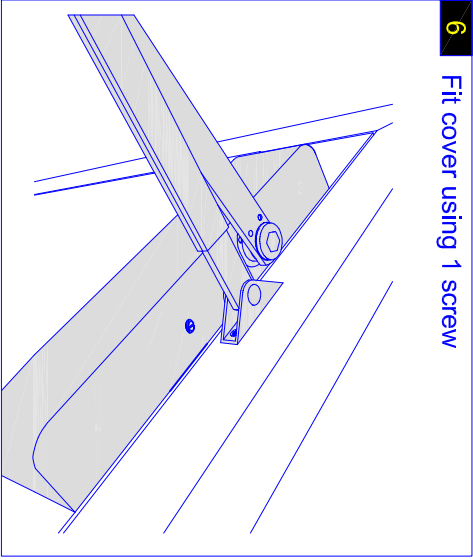
5 CONNECT TO 24V DC POWER SUPPLY.



POWER REQUIRED: 24V DC 2 WATTS 0.085AMPS

#### WIRING INSTRUCTIONS

1. Screw the junction box onto the door frame at approximately the same height as the closer body.
2. Holding the cover, carefully thread the 2 red wires through the hole nearest to the door hinge and secure the armoured loop with the nut supplied.
3. Attach the 2 red wires from the junction box (the wires you have just put through the cover) to the 2 red wires coming out of the coil at the rear end of the closer body. (polarity is not important)
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5. Switch the supply on and test(note:- make sure the switch on the junction box is in the on position before testing.)



## MAINTENANCE

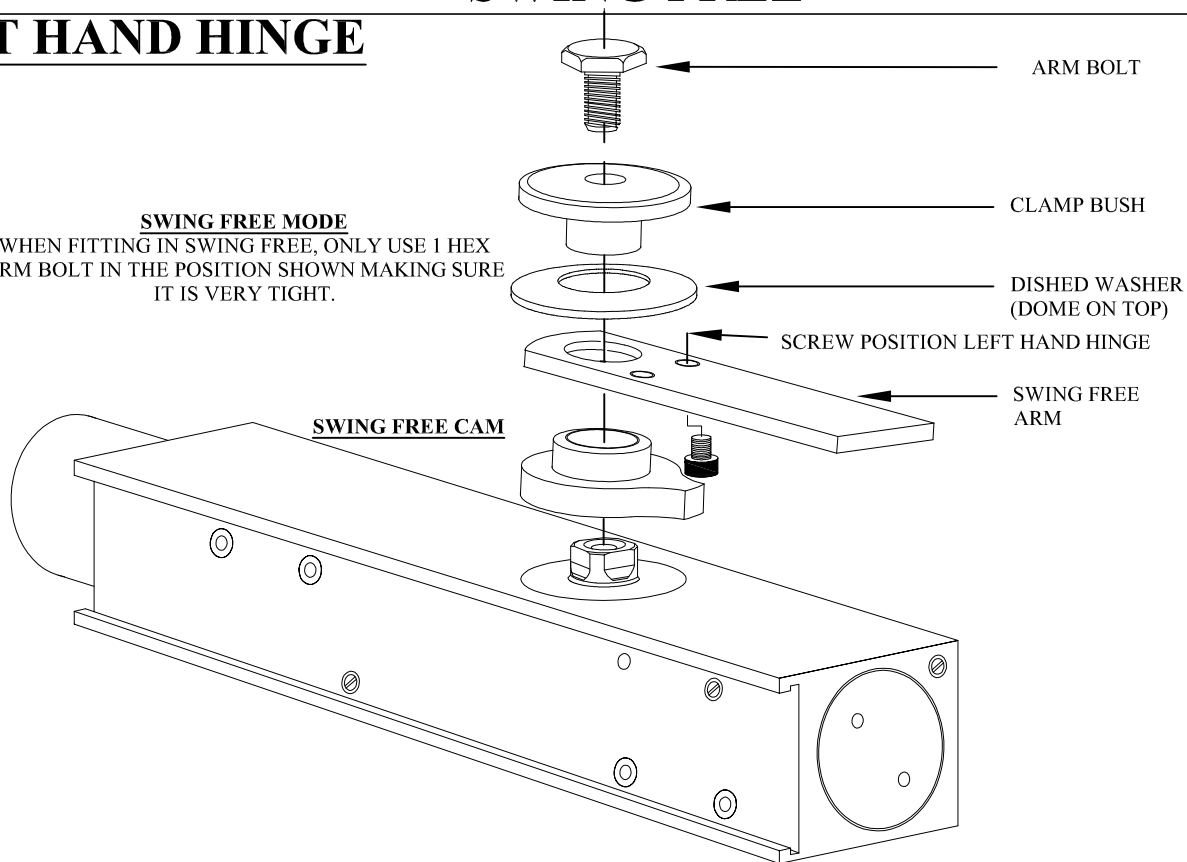
Periodically apply light oil to the arm knuckle joint and check all screws and the pinion bolt are tight.  
D.O.P download available at [www.arrow-architectural.com](http://www.arrow-architectural.com)

# PARALLEL ARM APPLICATION FOR PUSH OPEN DOORS CAM SETTINGS FOR SERIES 600 SWING FREE

## LEFT HAND HINGE

### SWING FREE MODE

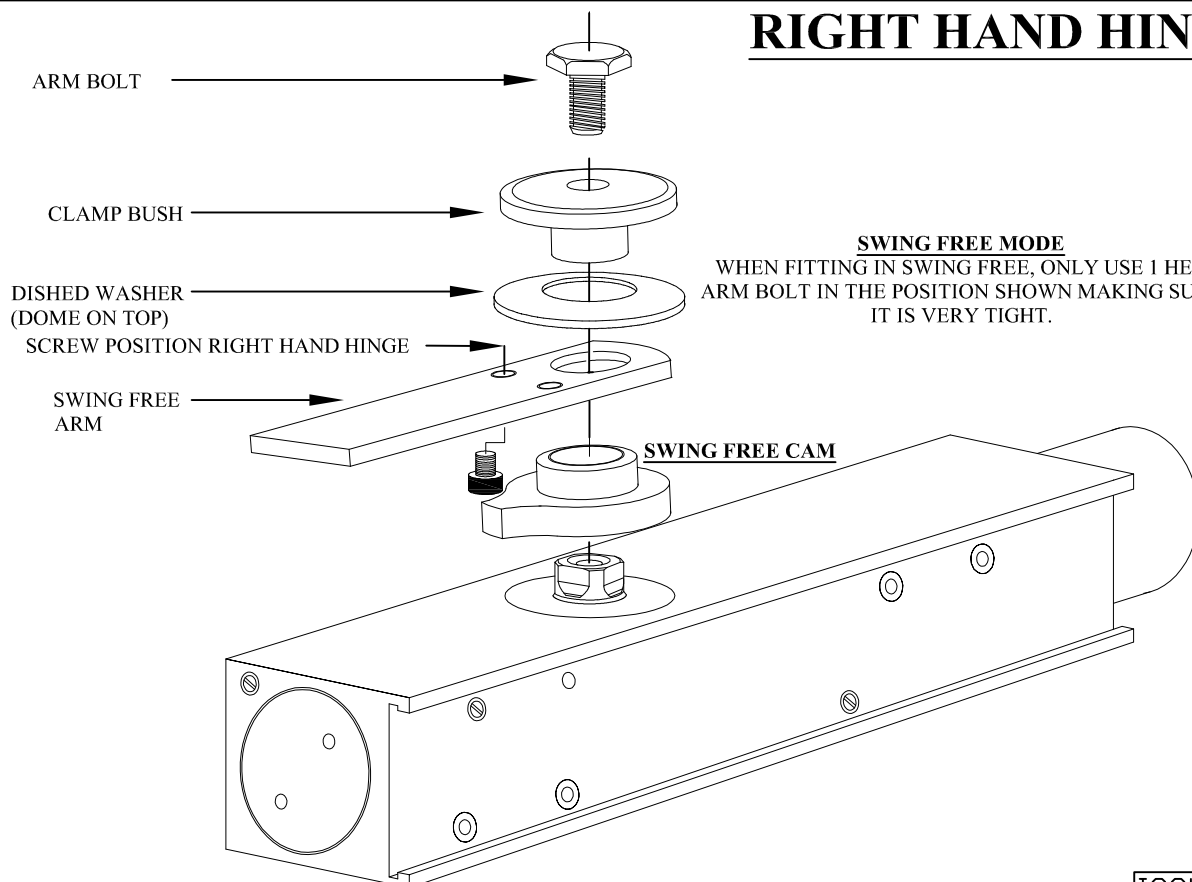
WHEN FITTING IN SWING FREE, ONLY USE 1 HEX ARM BOLT IN THE POSITION SHOWN MAKING SURE IT IS VERY TIGHT.



## RIGHT HAND HINGE

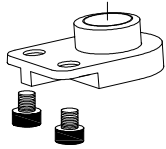
### SWING FREE MODE

WHEN FITTING IN SWING FREE, ONLY USE 1 HEX ARM BOLT IN THE POSITION SHOWN MAKING SURE IT IS VERY TIGHT.



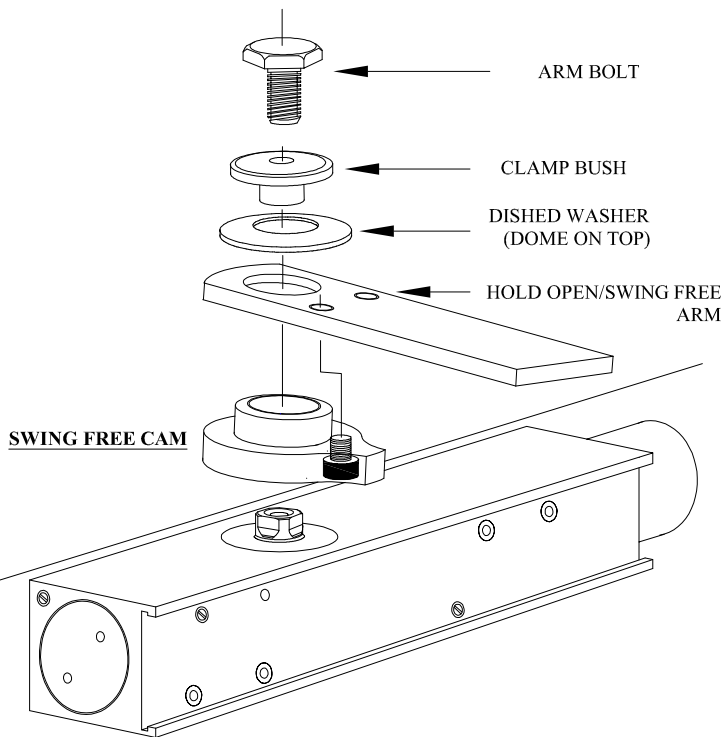
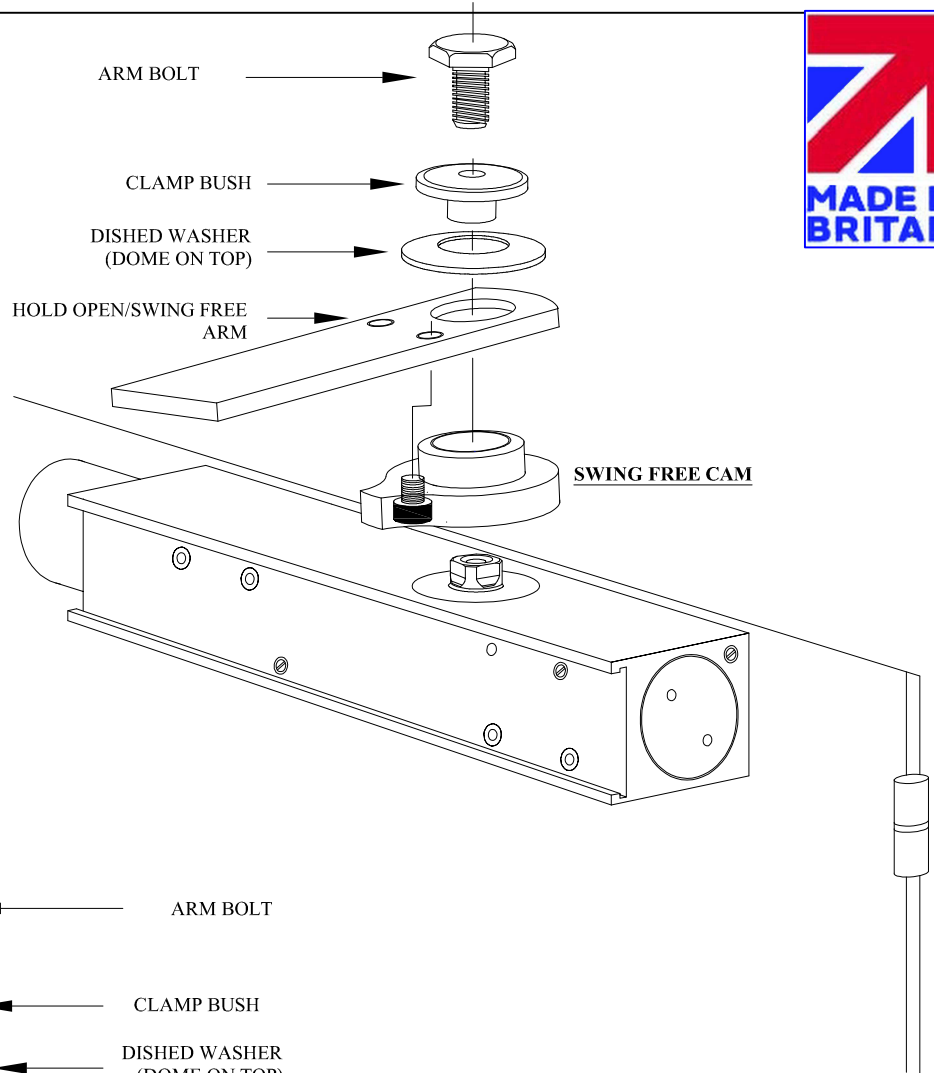
# SWING FREE(REGULAR FIG.1)

After switching on the 24vdc supply, open the door any were passed 75° to the required position. The door will then operate as if there were no closer fitted.It may be opened or closed freely with no resistance. In the event of the electric supply being interrupted, the door will close from whatever position it was in.



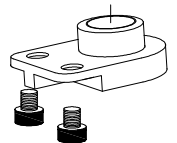
## **HOLD OPEN MODE**

USE THE 2 LONGER HEX ARM BOLTS TO SECURE THE HOLD OPEN BOSS ONTO THE ARM, MAKING SURE THEY ARE TIGHT.



## **HOLD OPEN MODE**

USE THE 2 LONGER HEX ARM BOLTS TO SECURE THE HOLD OPEN BOSS ONTO THE ARM, MAKING SURE THEY ARE TIGHT.



**NOTE:-** To fit in hold open mode secure the hold open boss with the 2 hex arm bolts making sure they are very tight.

To fit in the swing free mode you only fit 1 hex arm bolt in the position shown in the diagram .ie:- fit the screw into the nearest threaded hole to the hinge.