

aluminium sliding door assembly & installation





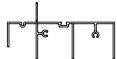
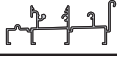

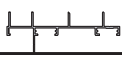

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kit component list

You should have received these parts:

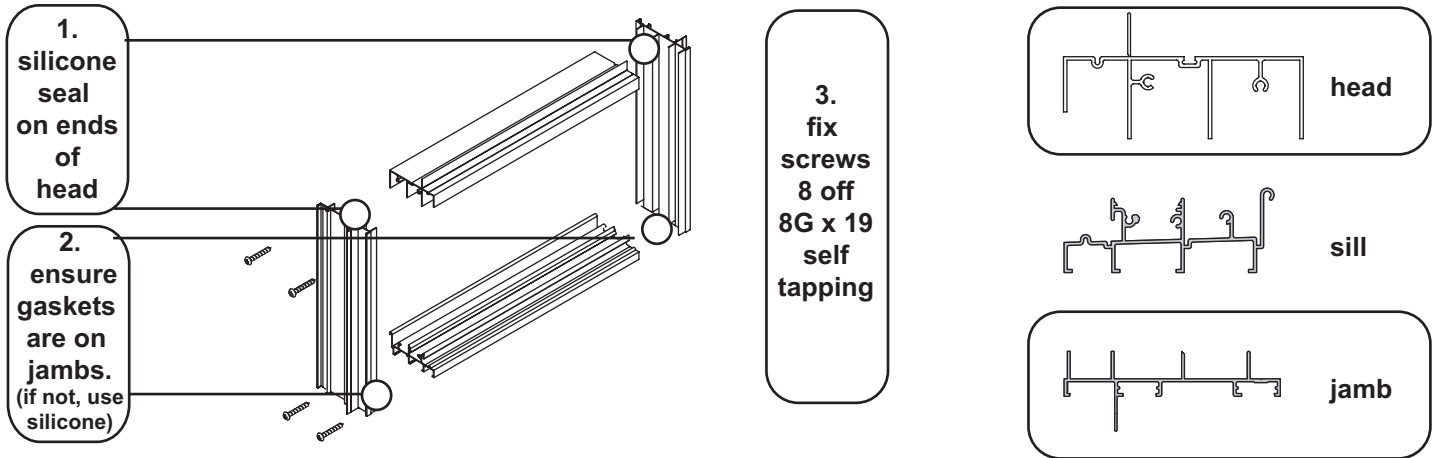
Components	Quantities			Check List Tick off
1. Plastic bag containing the following:	2 Lite (OX or XO)	3 Lite (OXO)	4 Lite (OXXO)	✓
Screws - Jamb to Head & Sill 8G x 19mm	8	8	8	
Screws - Bumper to Jamb - 8G x 32mm	1	1	2	
Screws - Jamb to Fixed Stile - 8G x 25mm	3	6	6	
Screws - Intermediate Jamb to Fixed Interlocker - 8G x 6mm	-	4	-	
Bumper stop (221203) 	1	1	2	
Adhesive bumpers (221241) 	2	2	2	
Impost Head Clip (211212) 	1	2	2	
Impost Sill Clip (211202) 	1	2	2	
Aluminium Sliding Door Assembly & Installation Booklet (190202)	1	1	1	
2. Separate plastic bag:	2 Lite (OX or XO)	3 Lite (OXO)	4 Lite (OXXO)	✓
Doric Lock Kit (181705)	1	1	1	
3. Separate plastic bag:	2 Lite (OX or XO)	3 Lite (OXO)	4 Lite (OXXO)	✓
2 Lite Striker (181711)	1			
3/4 Lite Striker (181706)		1	1	
4. Loose frame components	2 Lite (OX or XO)	3 Lite (OXO)	4 Lite (OXXO)	✓
Head 	1	1	1	
Sill 	1	1	1	
Sill filler 	1	1	1	
Jamb 	2	2	2	
3 lite jamb 	-	1	-	
Sliding Sash	1	1	2	
Fixed Sash	1	2	2	
Building in Lugs (if cavity brick) * (211001)	8	8	8	

*Snap in storm mould is available for cavity brick

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frame assembly & installation

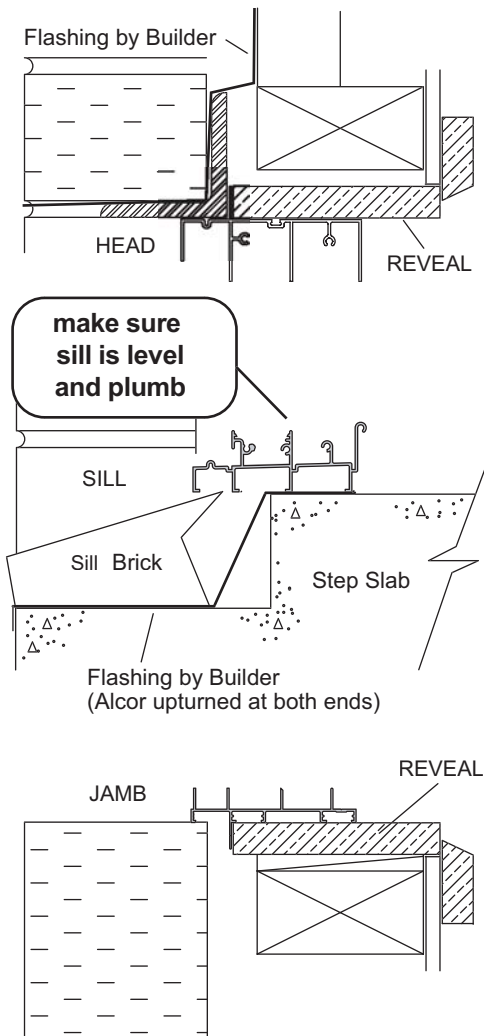
Before screwing frame together, ensure that all parts are in the kit.



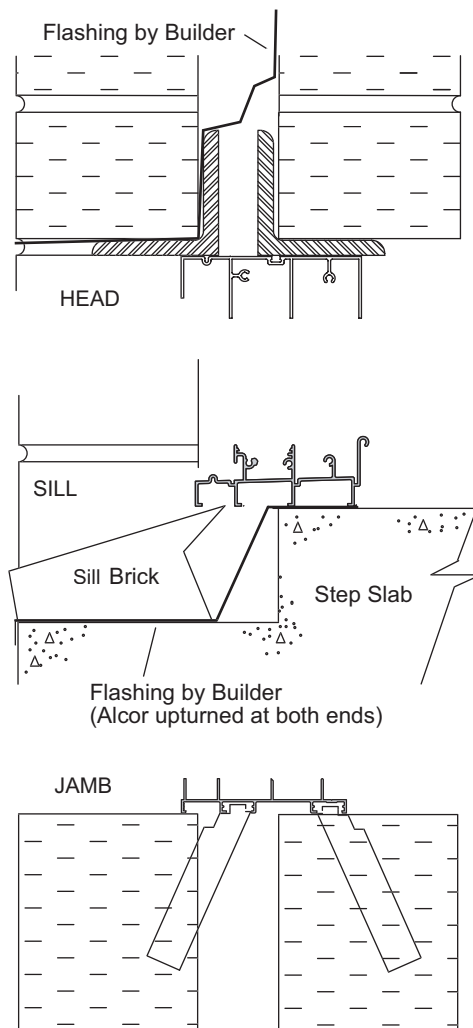
NOTE: Frame must be installed plumb and square with a minimum of three vertical fixings on each jamb or to suit wind-loading

frame building in detail

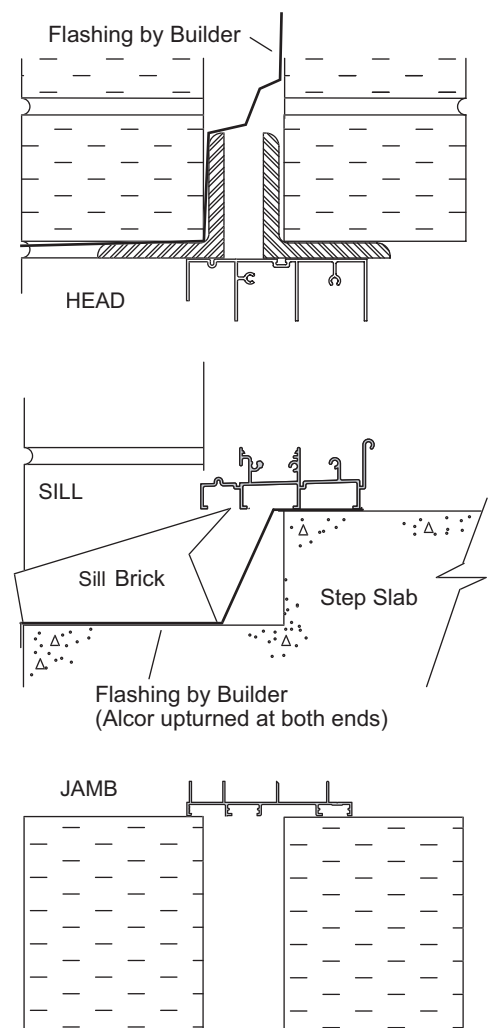
brick veneer



cavity brick



cavity brick with prepared opening



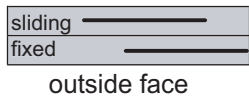
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sash assembly

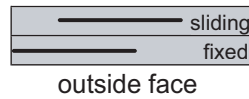
Sashes should be placed into the frame after the frame has been installed into the house and is plumb and square.

Establish the direction in which the sash is to slide. The various types are listed below. The Sliding sash is always located in the **inside** track. (O = fixed sash, X = sliding sash)

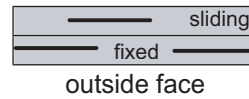
2 lite (code: XO)



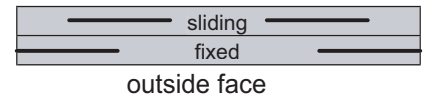
2 lite (code: OX)



3 lite (code: OXO)



4 lite (code: OXXO)



Fitting fixed sash

Place fixed sash into the centre channel (**Fig 1**). Ensure that the sash is located into the jamb (**Fig 2**)

Fig 1

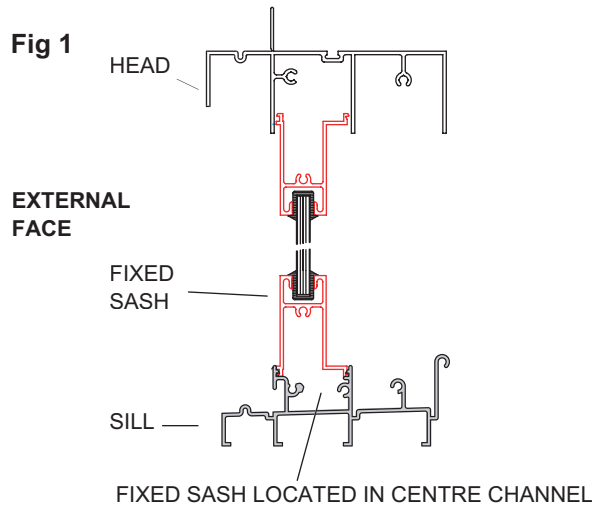
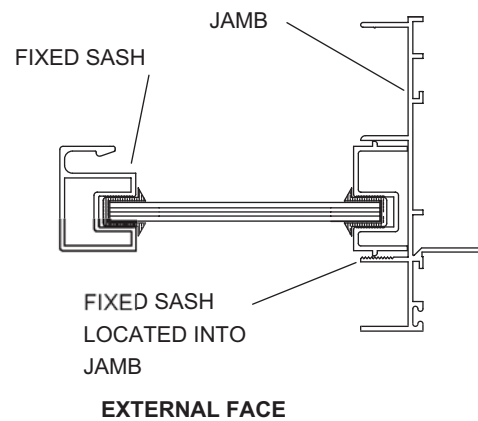


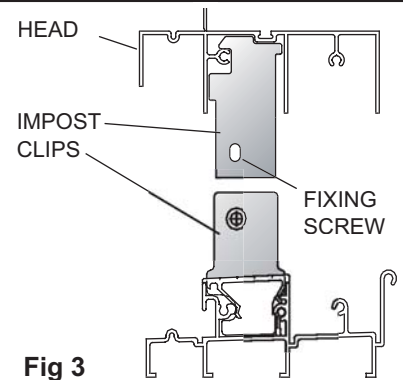
Fig 2



Fitting Impost Clip

REMOVE THE SCREW IN THE HEAD OF THE FIXED SASH FIXING THE STILE TO THE TOP RAIL. FIT THE FLAT STAINLESS STEEL IMPOST CLIP INTO THE HEAD. THE SCREW PREVIOUSLY REMOVED CAN BE USED TO FIX IT TO THE FIXED SASH STILE. DO THE SAME WITH THE BOTTOM IMPOST CLIP. (ON OXO DOOR THE ABOVE INSTRUCTIONS ARE CARRIED OUT ON THE LEFT HAND SASH VIEWED FROM OUTSIDE.)

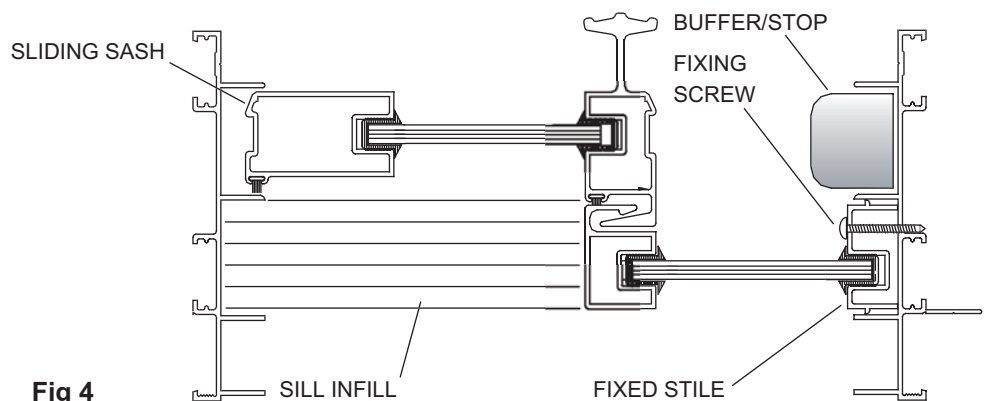
FURTHER TO THE OXO, REMOVE BOTH SCREWS FIXING THE FIXED STILE TO THE TOP RAIL AND BOTTOM RAIL ON THE RIGHT HAND SASH (VIEWED FROM OUTSIDE). FIT THE INTERMEDIATE JAMB AS DESCRIBED OVERLEAF BEFORE FITTING THE IMPOST CLIP AND RE-FITTING THE SCREWS



Fixing the Fixed Sash

PRIOR TO FIXING THE FIXED SASH/S, CHECK THAT THE **HEAD IS STRAIGHT** AND THE **FRAME IS SQUARE** TO ENSURE FREE OPERATION OF THE SLIDING SASH.

DRILL THREE 3.5 DIA HOLES THROUGH THE INSIDE VERTICAL FIN ON THE FIXED LITE JAMB INTO THE FIXED LITE STILE SPACED EQUIDISTANT UP THE STILE. FIX WITH 8G X 25 MM SCREWS (**Fig 4**)

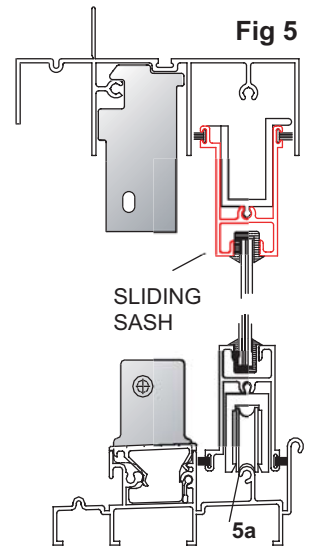


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sash assembly & lock/striker fitting

Fitting Sliding Sashes

CHECK THAT THE ADJUSTABLE WHEELS ARE ADJUSTED INTO THE FULLY RETRACTED POSITION. (5a)
 LIFT THE SLIDING SASH UP INTO THE INNER HEAD TRACK, THEN SWING THE BOTTOM OF THE SASH IN AND LOWER IT INTO THE INNER SILL TRACK.
 ADJUST BOTH WHEELS TO RAISE THE SASH BY 5mm, CLOSE THE SASH FULLY INTO THE JAMB.
 OBSERVE THE ALIGNMENT OF THE SASH WITH THE JAMB AND THE FIXED SASH.
 ADJUST ONE WHEEL UP OR DOWN TO ALIGN THE SASH WITH THE JAMB.
 CHECK THE ALIGNMENT AND THE ENGAGEMENT OF THE SLIDING SASH INTERLOCKER WITH THE FIXED SASH INTERLOCKER.



Fitting the Intermediate Jamb on OXO door (3 Lite)

3 LITE ONLY

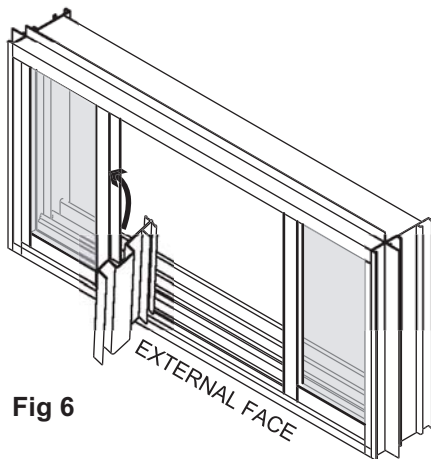


Fig 6

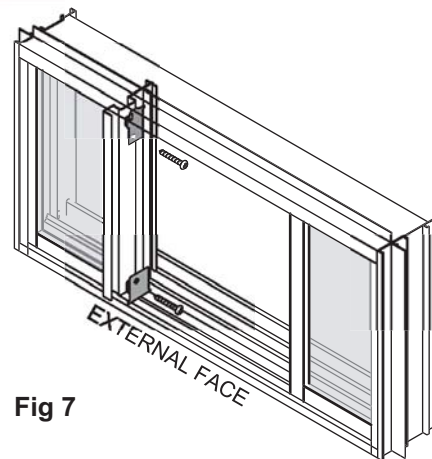


Fig 7

SELECT THE INTERMEDIATE JAMB WITH THE SILL END IDENTIFIED BY THE SAW TOOTH PROFILE CUT-OUT. ENTER THE INTERMEDIATE JAMB AT AN ANGLE UP INTO THE HEAD. (Fig 6 & 7)
 REFIT THE TWO SCREWS REMOVED FROM THE HEAD AND SILL OF THE FIXED SASH THROUGH THE SLOTTED HOLES IN THE INTERMEDIATE JAMB. THE SCREW IN THE HEAD SHOULD BE LOCATED THROUGH THE HOLE IN THE IMPOST CLIP TO SANDWICH THE INTERMEDIATE JAMB BETWEEN THE IMPOST CLIP AND THE FIXED SASH. (Fig 7)
 DRILL THROUGH THE THREE 3.5 DIA. HOLES IN THE INTERMEDIATE JAMB INTO THE FIXED SASH STILE 3 OFF 8G X 6 MM SCREWS (6a)

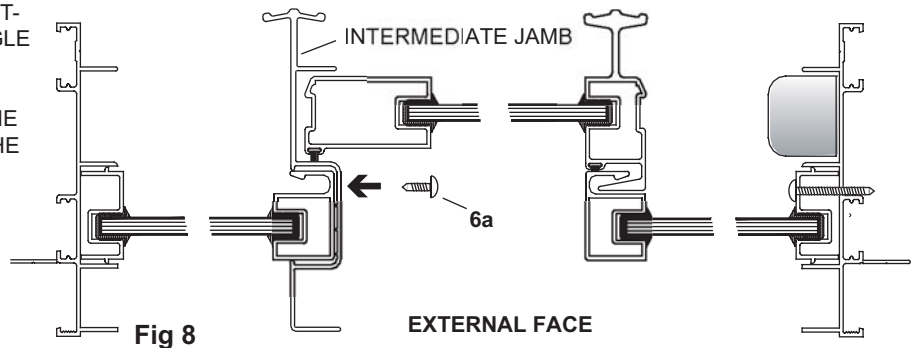
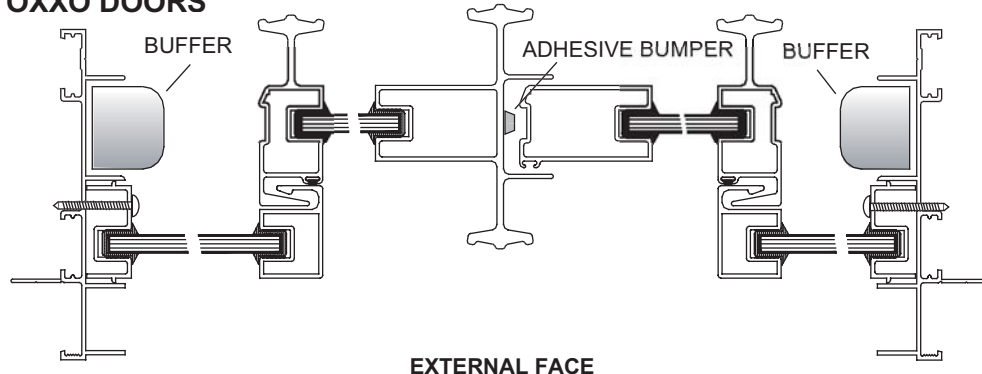


Fig 8

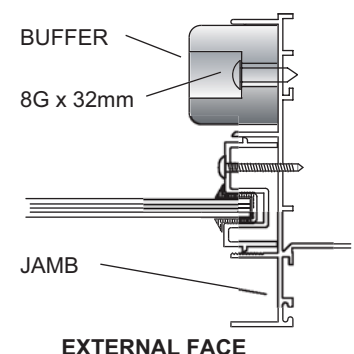
Fitting Buffer and Adhesive Bumper

FIX BUFFER INTO JAMBS, HALFWAY UP THE JAMB. DRILL AND FIX OFF WITH 8G X 32MM SCREWS. STICK ADHESIVE BUMPER TO THE JAMB THAT THE SLIDING DOOR CLOSES UP TO.

OXO DOORS



OTHER DOORS

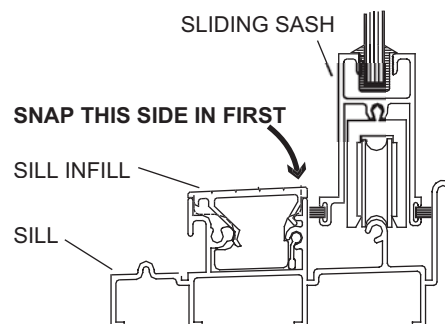


aluminium sliding door assembly & installation

final sash assembly & handle installation

Fitting the Sill Infil

THE SILL INFILL IS LOCATED IN BETWEEN THE FIXED SASH AND THE JAMB IN THE XO, OX & OXO AND BETWEEN BOTH FIXED SASHES IN THE OXXO DOOR. CHECK THE LENGTH OF THE INFILL AGAINST THE AVAILABLE OPENING PRIOR TO FITTING IT, IF NECESSARY, CUT IT BACK SO THAT IT IS A FREE FIT. FIT IT WITH THE FLAT SURFACE EXPOSED, WITH THE LONGEST LEG TO THE FRONT OF THE SILL. IT IS NECESSARY TO DRIVE IT INTO POSITION WITH A SOFT TIMBER OR PLASTIC BLOCK AS A PROTECTION TO THE SURFACE FINISHED ALUMINIUM.



HANDLE ASSEMBLY - ALL DOOR TYPES

Correct fitting of the lock is critical to its future operation.

Please follow these easy steps:

1. Check the length of cylinder tail on exterior lock base. It should measure width of extrusion plus 8mm. Cylinder tail must be parallel to lock stile (Refer to diagram 1a)
2. Locate the external handle and cylinder up to door stile so that the cylinder tail protrudes through the centre hole. The tail will now protrude 8mm past the inner face of door stile. If the tail is too long or not parallel to the lock stile, the external key may be hard to turn (Refer to diagram 1b). If it is too short, the key will not operate the lock.
3. Locate DS60 base up to the inside of the door stile, aligning the centre hole so that the tail of the external cylinder locates into the cam. Use the two M5 Pan head screws provided to fasten DS60 Base to the external pull. Lightly tighten screws. Test that the internal lever operates smoothly and that the external lock cylinder operates the tongue freely.
4. The DS60 base may be adjusted towards or away from striker by loosening the two 5mm Pan head screws by sliding the DS60 base forwards or backwards on the extrusion. Do not position base too far forward; this will cause cylinder tail misalignment. (Refer to diagram 1b)
5. When you are satisfied that the DS60 lock is functioning correctly, tighten the two M5 Pan head screws and place the cover over DS60 base and fasten with the M5 Countersunk head screws provided.
6. Test the lock mechanism again for all functions including key operation from the external cylinder.

Test: (a) The dead locking function i.e that the internal operating lever cannot be unlatched with the lock, key locked from both inside or outside.

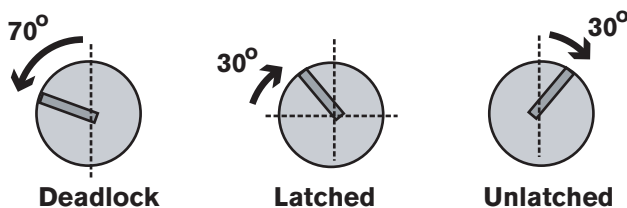
(b) The below functions which allow the lock to be deadlocked from the outside. Test that the below features work:

Opening from external with Key

0 deg -70 deg (anticlockwise) = **Deadlock**

back 30 deg (clockwise) remove key = **Latched** (a click will identify the 30 deg point)

0 deg + 30 deg (clockwise) = **Unlatched**



Opening from internal with Key

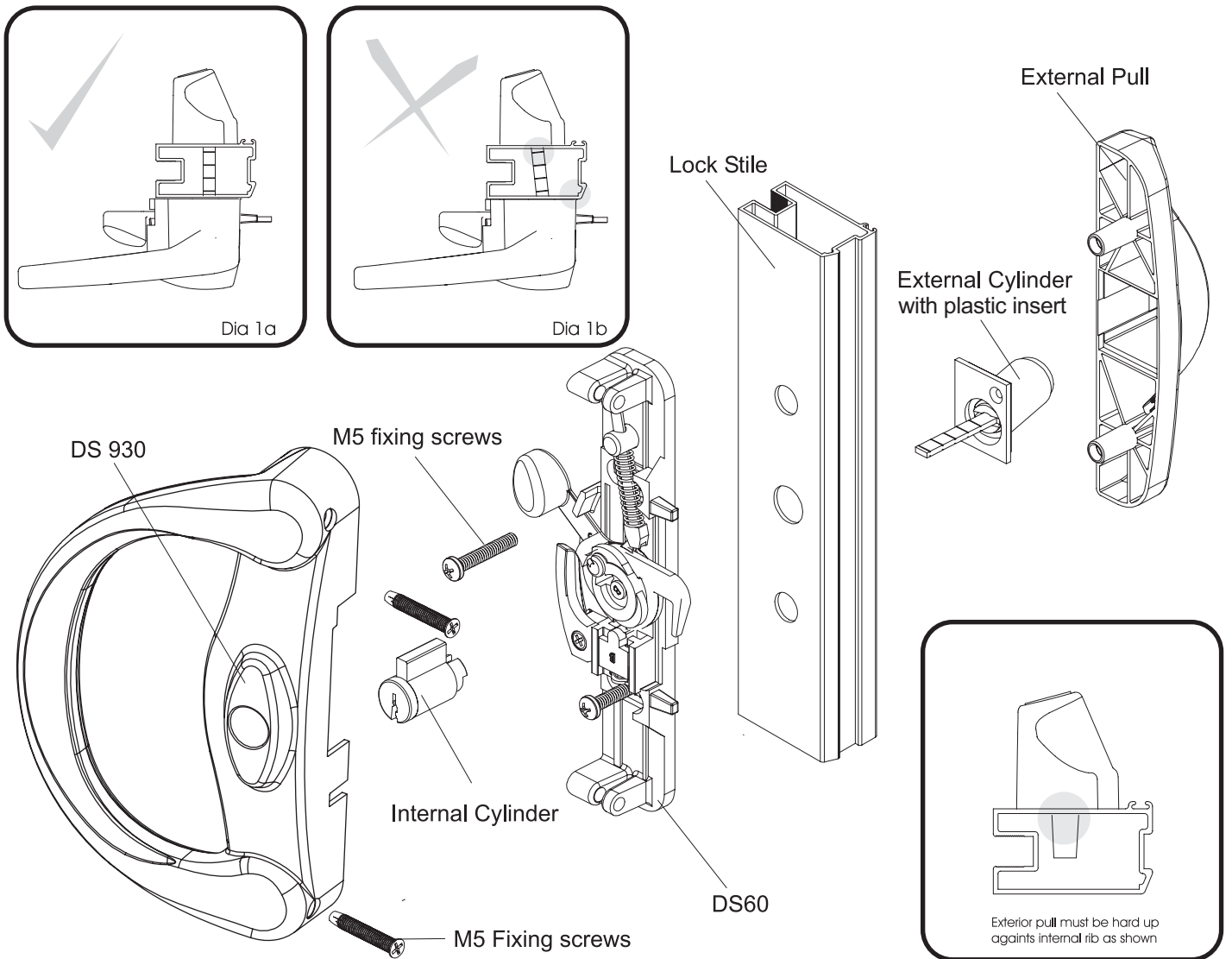
0 deg +70 deg clockwise = Dead lock

0 deg -30 deg anticlockwise = Unlatched

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handle installation

HANDLE INSTALLATION



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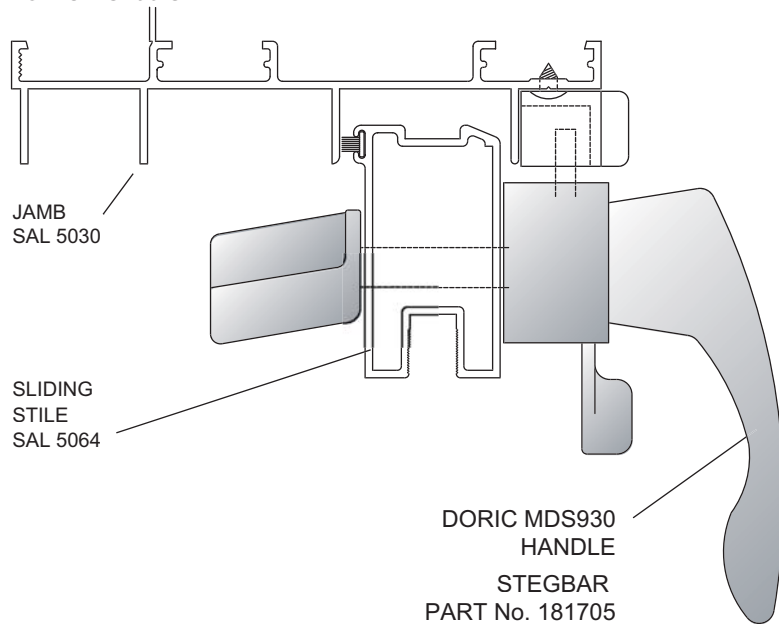
handle components list & final check

OX or XO (2 Lite)

3 LITE

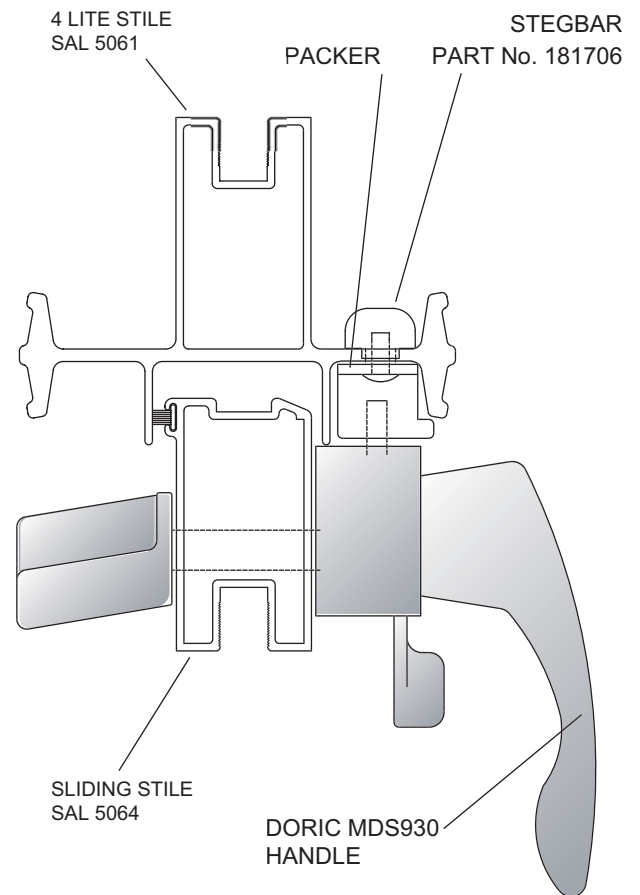
NOTE

STRIKER FITTED WITH
FACE COVER.
ONLY ON 2 LITE DOORS
DORIC DS790 STRIKER



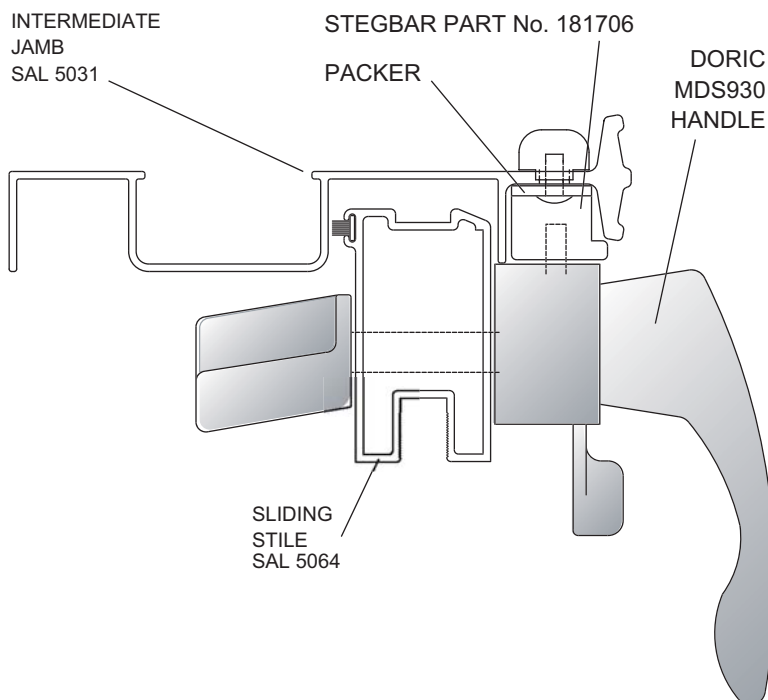
OXO

4 LITE



OXO (3 Lite)

3 LITE



FINAL CHECK

Carry out the following:

1. Check that the sashes slide freely engage fully into the frame
2. Check that the sash aligns with the jamb.
3. Check that the lock can be locked, deadlock and unlocked with the key from both inside and outside