

CUSTOMER TECHNICAL MEMO # 75

Subject: View-max Double Hung Tech Manual Amendments

Date: 17/7/09

From: Product Development

Please note the following pages have been amended in the Technical Manual to help further clarify the position of the sash stops and the engagement of the spring balance mechanism.

- Page 1.0 – Technical Manual Release Notes revised
- Page 1.1 – Technical Manual Release notes second page added
- Page 3.6.1 – Window Stop notes and dimension added
- Page 3.6.8 - Window Stop notes added
- Page 3.6.9 - Window Stop notes deleted, notes amended
- Page 3.6.14 – Step 1 Spring balance mechanism notes amended

All the above pages are included with this Technical Memo. The format has been set for double sided printing so you will be able to easily replace the pages in your manuals. You will need to ensure your printer is set to double-sided printing.

If you have any questions please do not hesitate to contact your local Area Manager or Sales Office.

ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

VIEW-MAX double hung

Section 1.0

TECHNICAL MANUAL RELEASE NOTES

This page is intended to record all changes to the **VIEW-MAX DOUBLE HUNG** technical manual pages. It is therefore critical that all changes are recorded in the below AMENDMENTS box prior to release to our customer.

Changes or additions to this manual will be itemised with a brief description and date when the amendments were made.

It is important that a copy of this page be issued with the update and inserted as the first page in the customers technical manual.

DATE	AMENDMENT DESCRIPTION	REMOVE PAGE	INSERT NEW PAGE
01 / 03 / 2008	<i>Technical manual initial release</i>	~	~
28 / 05 / 2008	<i>Part number reference corrected in the example</i>	3.2.4	3.2.4
28 / 05 / 2008	<i>Glass height cut size corrected & rail number corrected</i>	3.5.3	3.5.3
28 / 05 / 2008	<i>Glass height cut size corrected</i>	3.5.4	3.5.4
28 / 05 / 2008	<i>Glass height cut size corrected</i>	3.5.5	3.5.5
31 / 07 / 2008	<i>Full re-issue with new profiles and format</i>	All	All
01 / 02 / 2009	<i>Technical manual release notes amended</i>	1.0	1.0
01 / 02 / 2009	<i>Specification amended</i>	2.1	2.1
01 / 02 / 2009	<i>Loading table explanation page added</i>	2.2	2.2
01 / 02 / 2009	<i>Test report page updated</i>	2.3	2.3
01 / 02 / 2009	<i>Hardware components pages amended</i>	3.2.1 to 3.2.3	3.2.1 to 3.2.3
01 / 02 / 2009	<i>Max sash height amended</i>	3.2.4	3.2.4
01 / 02 / 2009	<i>Page number amended</i>	3.2.5	3.2.5
01 / 02 / 2009	<i>Mohair deleted</i>	3.4.1, 3.4.3, 3.4.5, 3.4.7, 3.4.9, 3.4.12	3.4.1, 3.4.3, 3.4.5, 3.4.7, 3.4.9, 3.4.12
01 / 02 / 2009	<i>Jamb preparation amended</i>	3.6.1	3.6.1
01 / 02 / 2009	<i>Diameter symbols amended</i>	3.6.2 & 3.6.3	3.6.2 & 3.6.3
01 / 02 / 2009	<i>Sash stop note amended</i>	3.6.9	3.6.9
01 / 02 / 2009	<i>Jamb assembly amended</i>	3.6.10	3.6.10
01 / 02 / 2009	<i>Installation steps amended</i>	3.6.15 to 3.6.18	3.6.15 to 3.6.18
01 / 07 / 2009	<i>Contents page 1 amended</i>	~	~
01 / 07 / 2009	<i>Technical Manual Release Notes Amended</i>	1.0	1.0
01 / 07 / 2009	<i>New page added</i>	~	1.1
01 / 07 / 2009	<i>Window Stop notes and dimension added</i>	3.6.1	3.6.1

ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

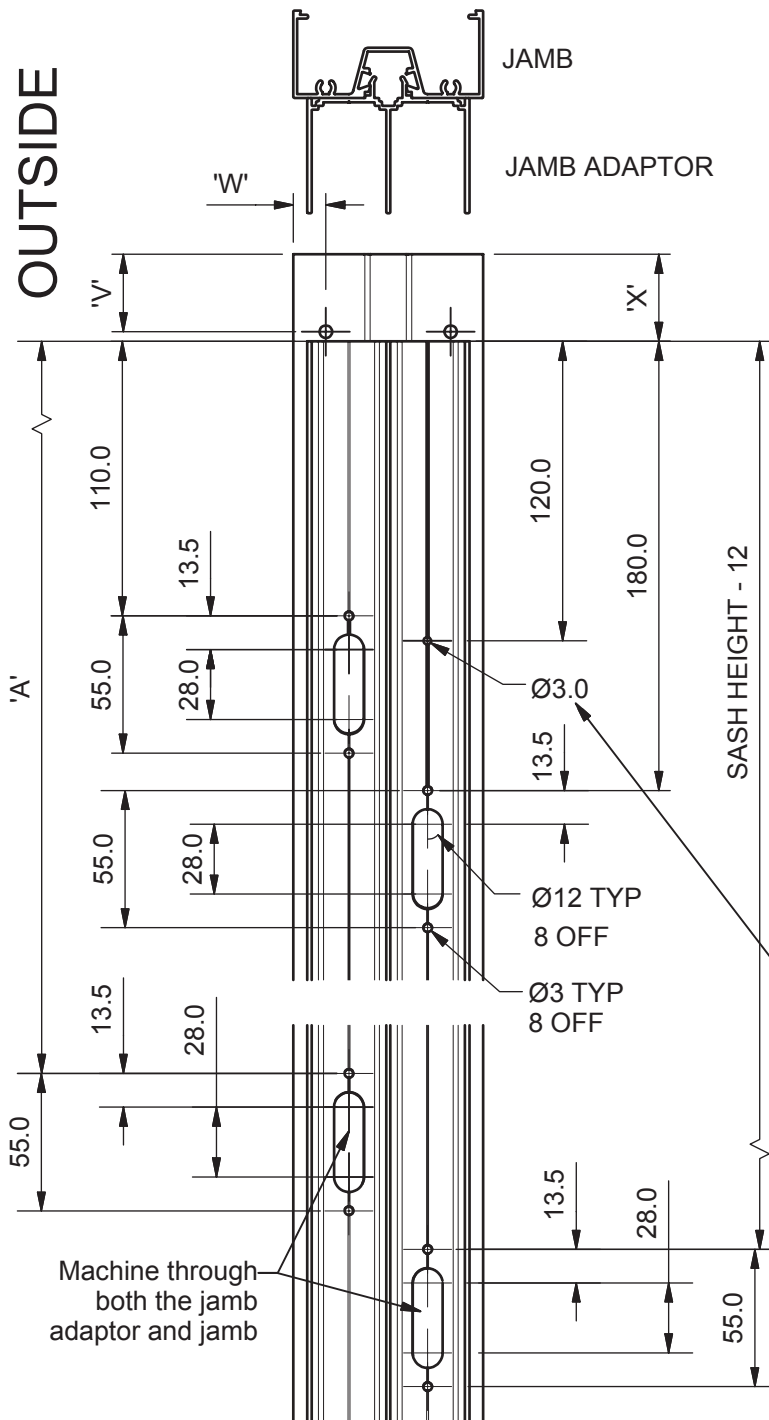
VIEW-MAX double hung

Section 1.0

TECHNICAL MANUAL RELEASE NOTES Cont.

DATE	AMENDMENT DESCRIPTION	REMOVE PAGE	INSERT NEW PAGE
01 / 07 / 2009	<i>Window Stop notes added</i>	3.6.8	3.6.8
01 / 07 / 2009	<i>Window Stop note amended</i>	3.6.9	3.6.9
01 / 07 / 2009	<i>Step 1 notes amended</i>	3.6.14	3.6.14

JAMB PREPARATION



Balance location hole dimensions

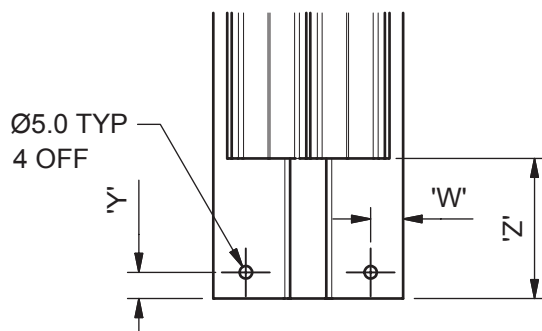
Sash height = Jamb adaptor length / 2 + 15.5

Sash height	Dim 'A'
417 - 476	345
477 - 527	396
528 - 578	447
579 - 629	498
630 - 680	549
681 - 731	600
732 - 782	651
783 - 833	702
834 - 884	753
885 - 935	804
936 - 986	855
987 - 1037	906
1038 - 1088	957
1089 - 1139	1008
1140 - 1190	1059

This hole is for fixing the upper **378039** VMA9 Window stop, preventing sash from going past its opening limit.

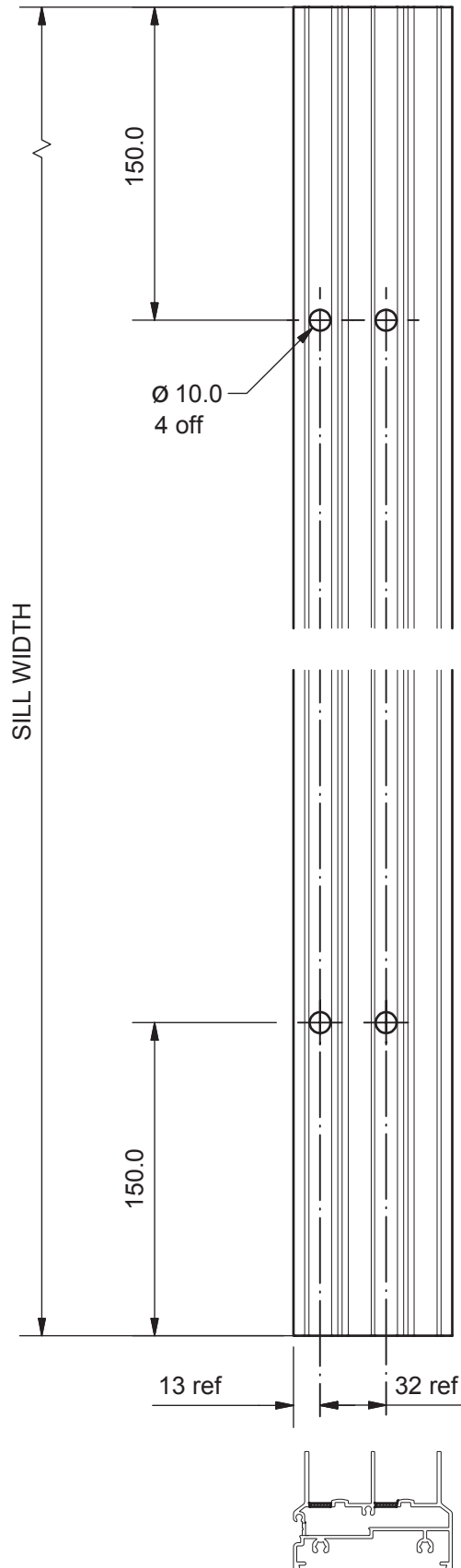
Machine through both the jamb adaptor and jamb

Head and sill fixing hole dimensions



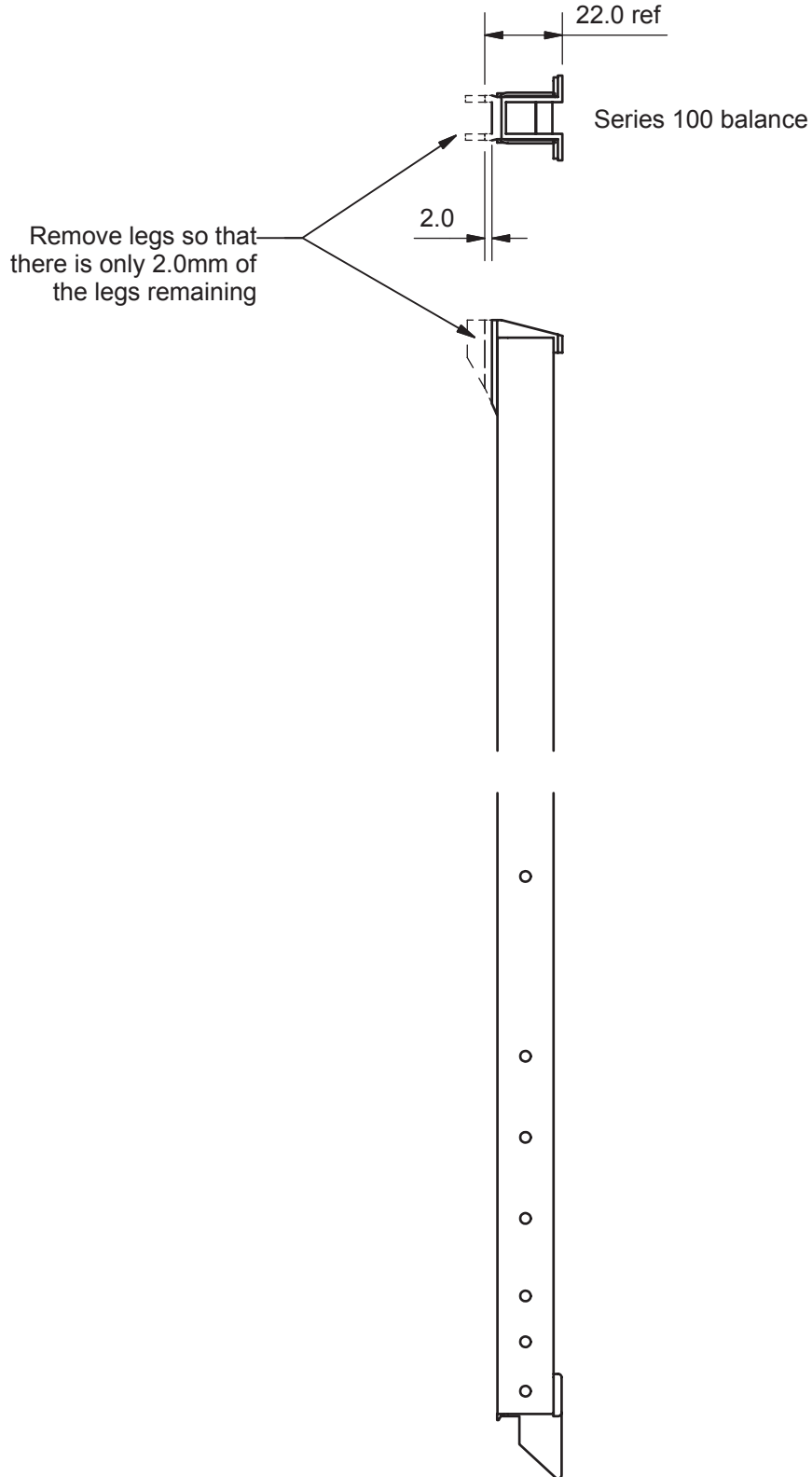
Dim	76mm Frame	101.6mm Frame	D/Glazed Frame
'V'	31 mm	40 mm	45.5 mm
'W'	13 mm	12.7 mm	12.7 mm
'X'	35 mm	44.4 mm	50 mm
'Y'	10.5 mm	40 mm	40 mm
'Z'	56 mm	67 mm	67 mm

SILL PREPARATION

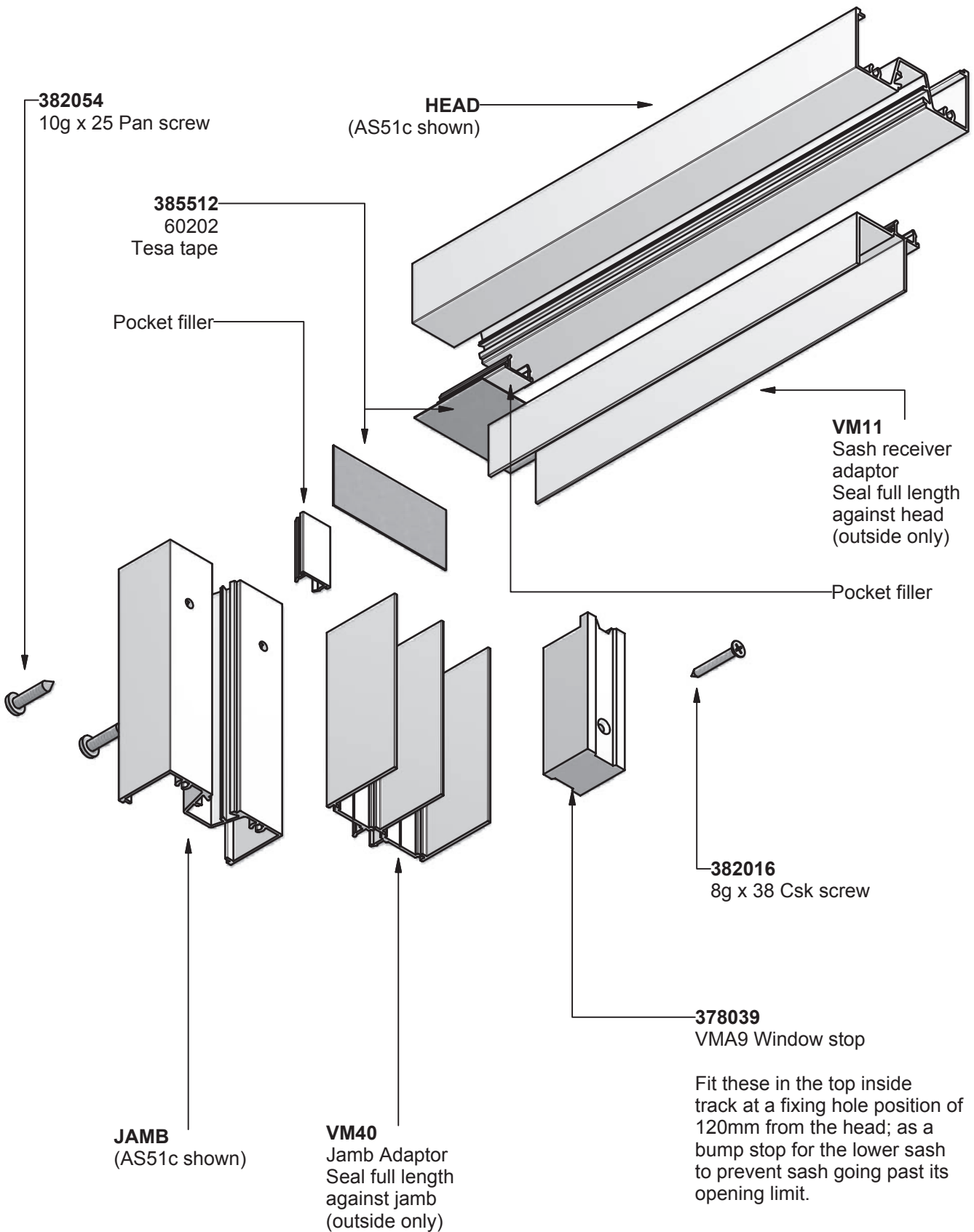


SILL (VM10 shown)

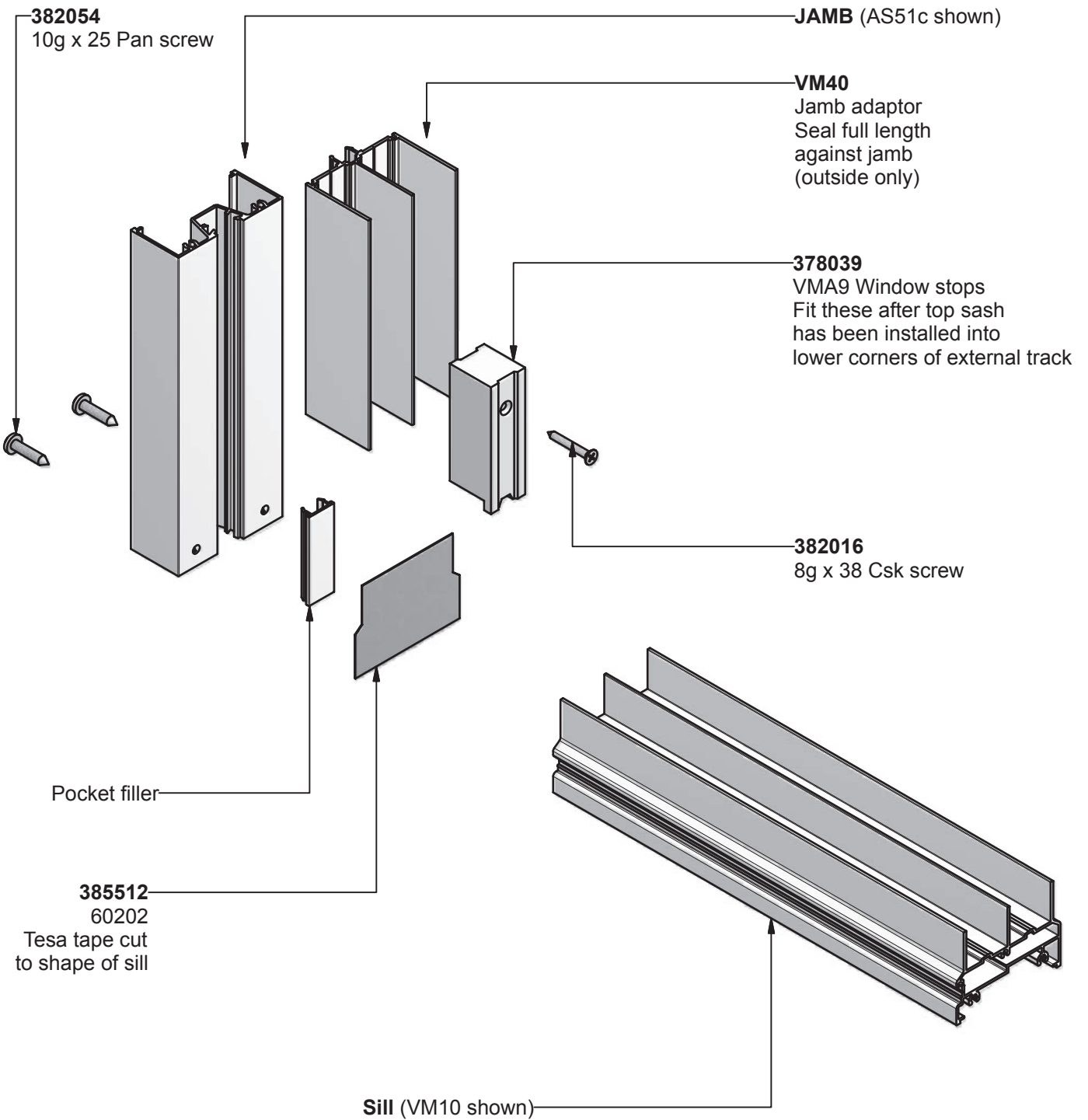
SERIES 100 BALANCE PREPARATION



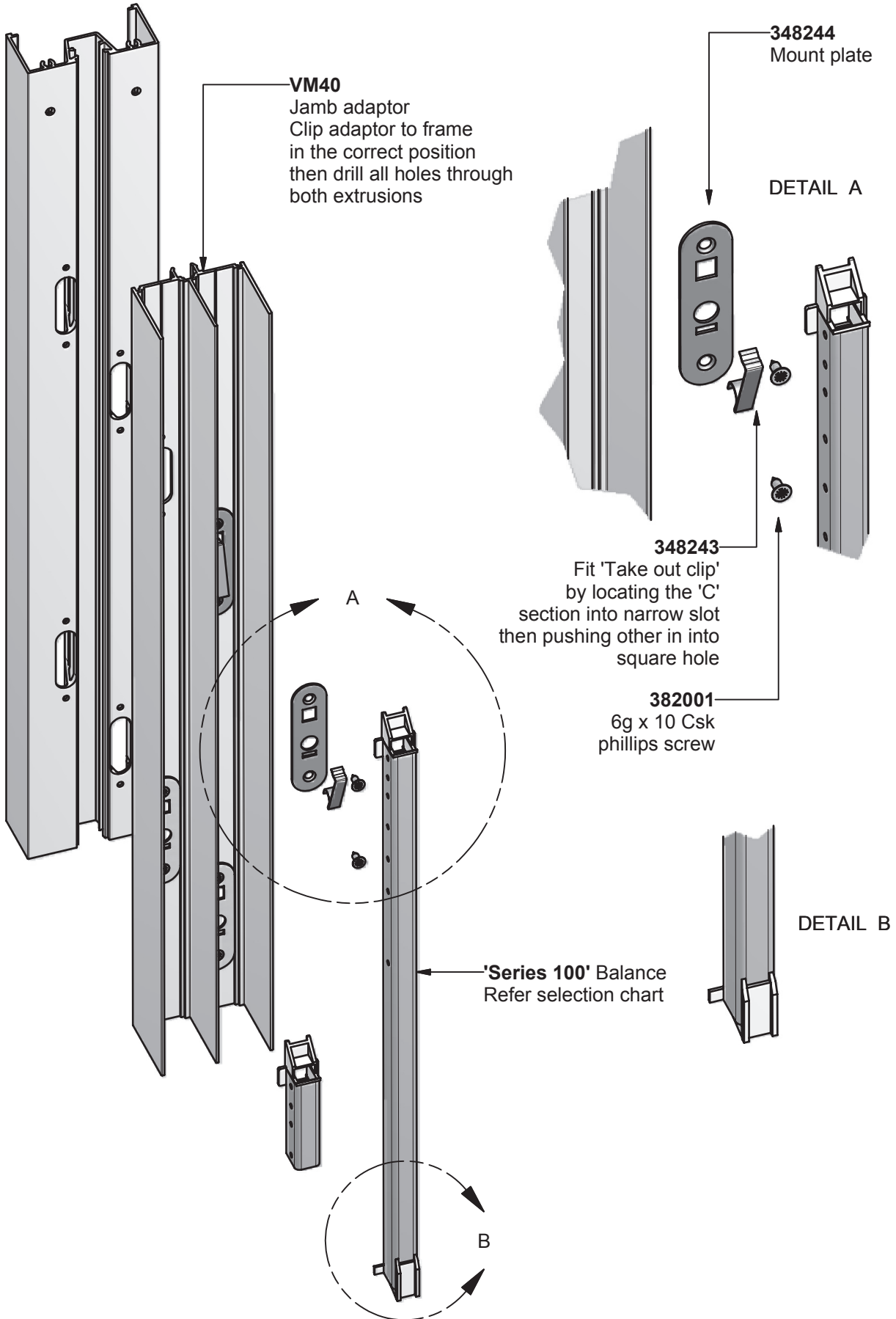
HEAD ASSEMBLY



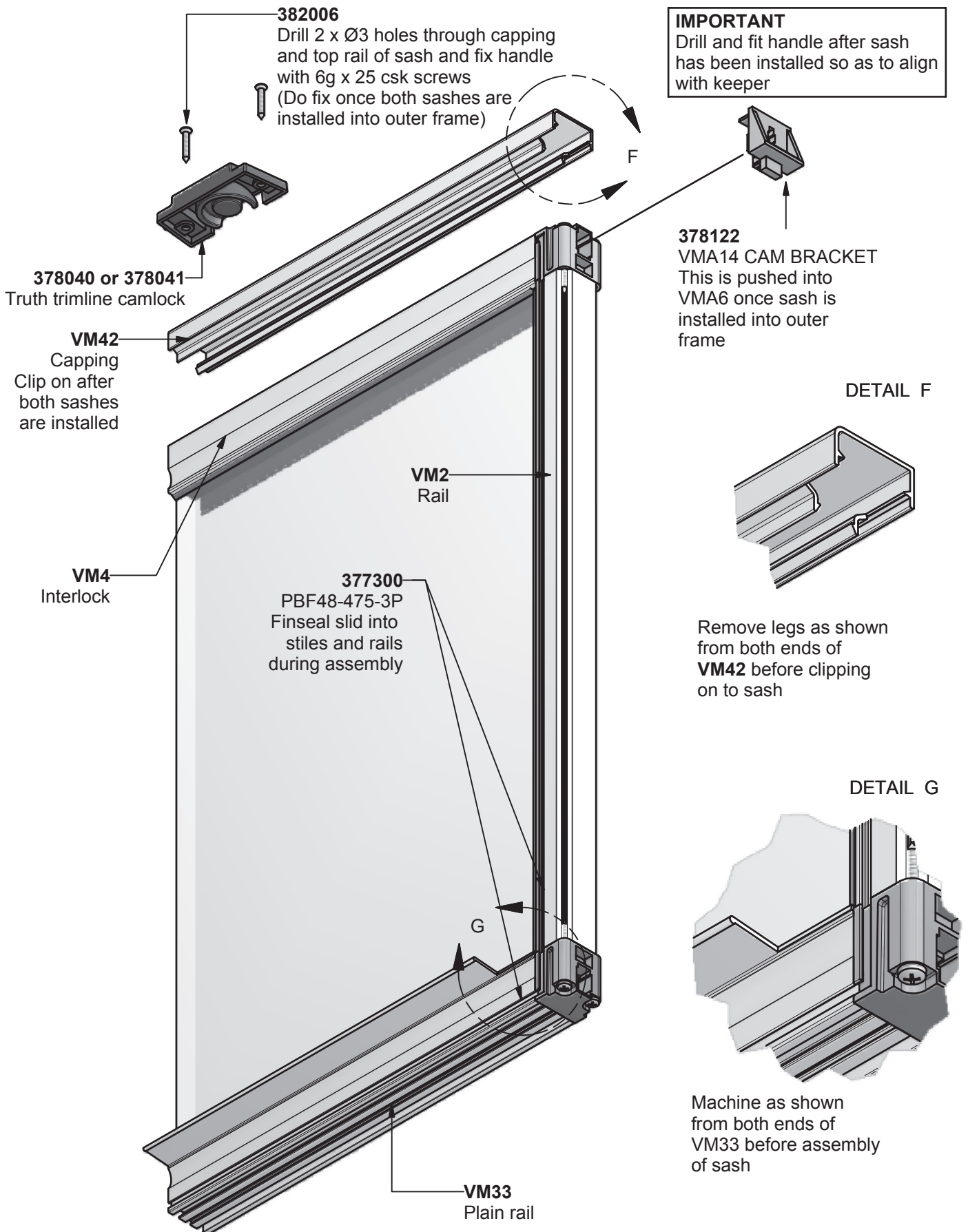
SILL ASSEMBLY



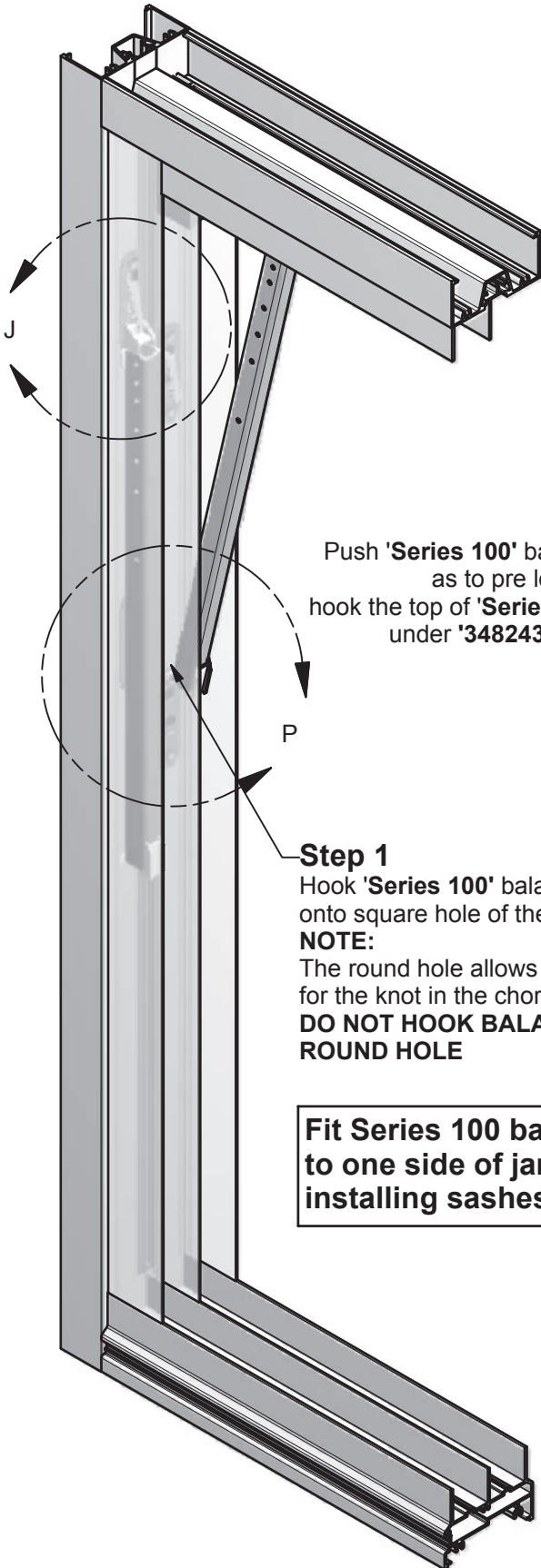
JAMB ASSEMBLY



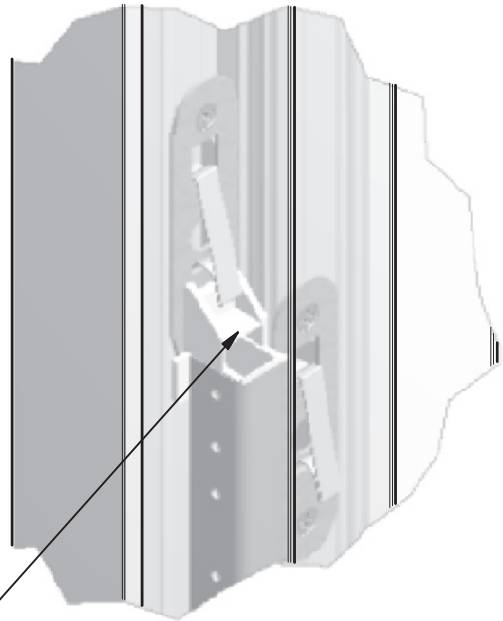
LOWER SASH ASSEMBLY



FIT BALANCE STEP 1



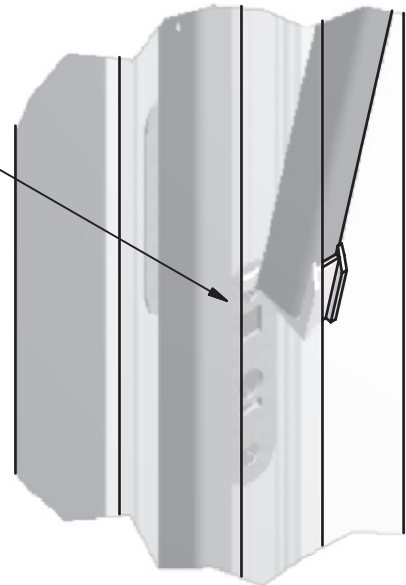
Step 2
Push 'Series 100' balance down so as to pre load spring and hook the top of 'Series 100' balance under '348243 Take out clip'



DETAIL J

Step 1
Hook 'Series 100' balance onto square hole of the mount plate.
NOTE:
The round hole allows clearance for the knot in the chord.
DO NOT HOOK BALANCE TO THE ROUND HOLE

Fit Series 100 balances to one side of jamb only before installing sashes



DETAIL P