

S.S. #299: TBB C2 Window Retrofit (New Style Window in Old Style Bus)

Applicable Vehicles

Thomas Built Buses C2 units manufactured from 2004 2009

Issue

Service replacement windows for these buses are no longer available.

Solution

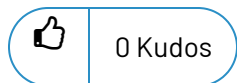
See attached service solution for repair procedure and parts list.

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Saf-T-Liner

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Service Solution: C2 Window Retrofit (New Style Window in Old Style Bus)

Thomas Built Buses Service Bulletin

- >Saf-T-Liner C2

General Information

C2 buses built between 2004 and 2009 use windows that are no longer being manufactured, and service replacements are no longer available. This procedure is a guide for how to retrofit a new style window into these buses.

Please read all the instructions prior to beginning work.

Parts

Parts are available from the PDCs.

Part Number	Description	Qty.
150424	Curtain Box Clip	2
139155*	Windowsill, 20"	1
139156*	Windowsill, 30"	1
139157*	Windowsill, 40"	1
Check Appendix for Updated Window PN Chart	C2 Window Update	1
69003249	#12 screw	Based on sill used
69003091	#10 screw	Based on sill used
150424	Curtain Box Clip	2
	Plexus MA1130	
	Manus-Bond 75-AM	

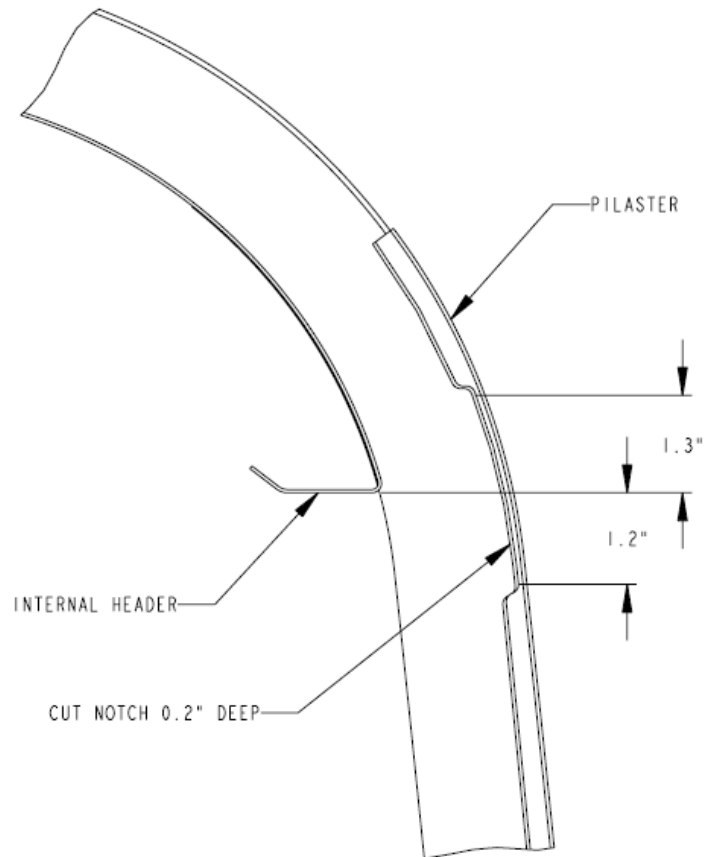
*Order the correct length windowsill based on the window size being replaced.

Table 1, Parts Required

Window replacement procedure

1. Remove the original window and clean any sealant residue remaining on the pilasters, exterior header, and the top of the interior panel. Check for a rubber seal on the top of the window cavity in the roof and remove if present.

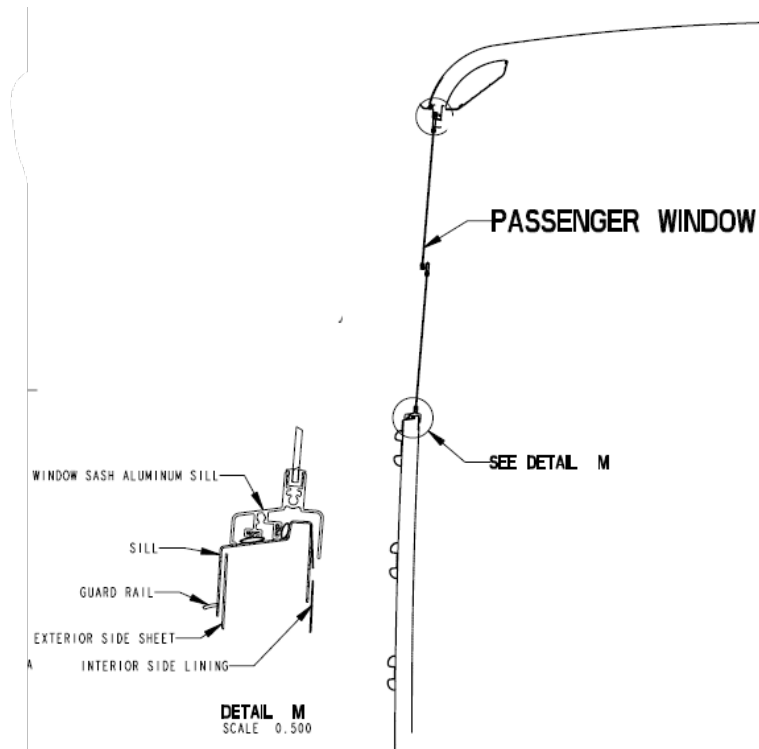
2. Notch the top of the Pilasters (Picture 1) to either side of the window opening and ensure any burrs and debris are cleaned. This is to prevent cutting and tearing of the new window seal during test fit and installation.



PILASTER NOTCH FOR NEW GEN WINDOW

Picture 1

3. Insert new window sill into the bottom of the window opening, ensuring it overhangs both internal and external side sheets (Picture 2). Do not rivet or fasten the windowsill at this point.



Picture 2

Outside Sheet

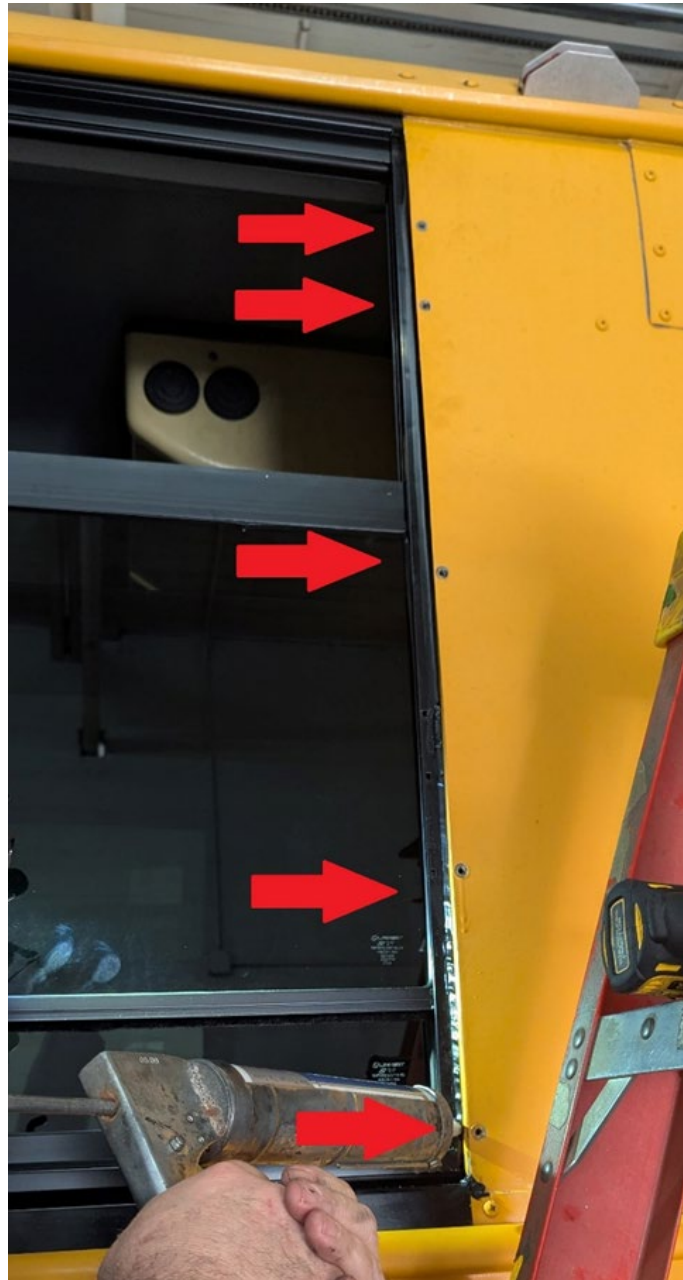


Inside Sheet



Picture 3

4. Inspect the window opening for any additional obstructions that would catch the window or its seal. For example, the rearmost window has screws holding the rear sheet metal in place. These must be removed during window installation to avoid damaging the window seal (Picture 4). If there are any wires that travel through the window opening, tape them out of the way of the seal and window.

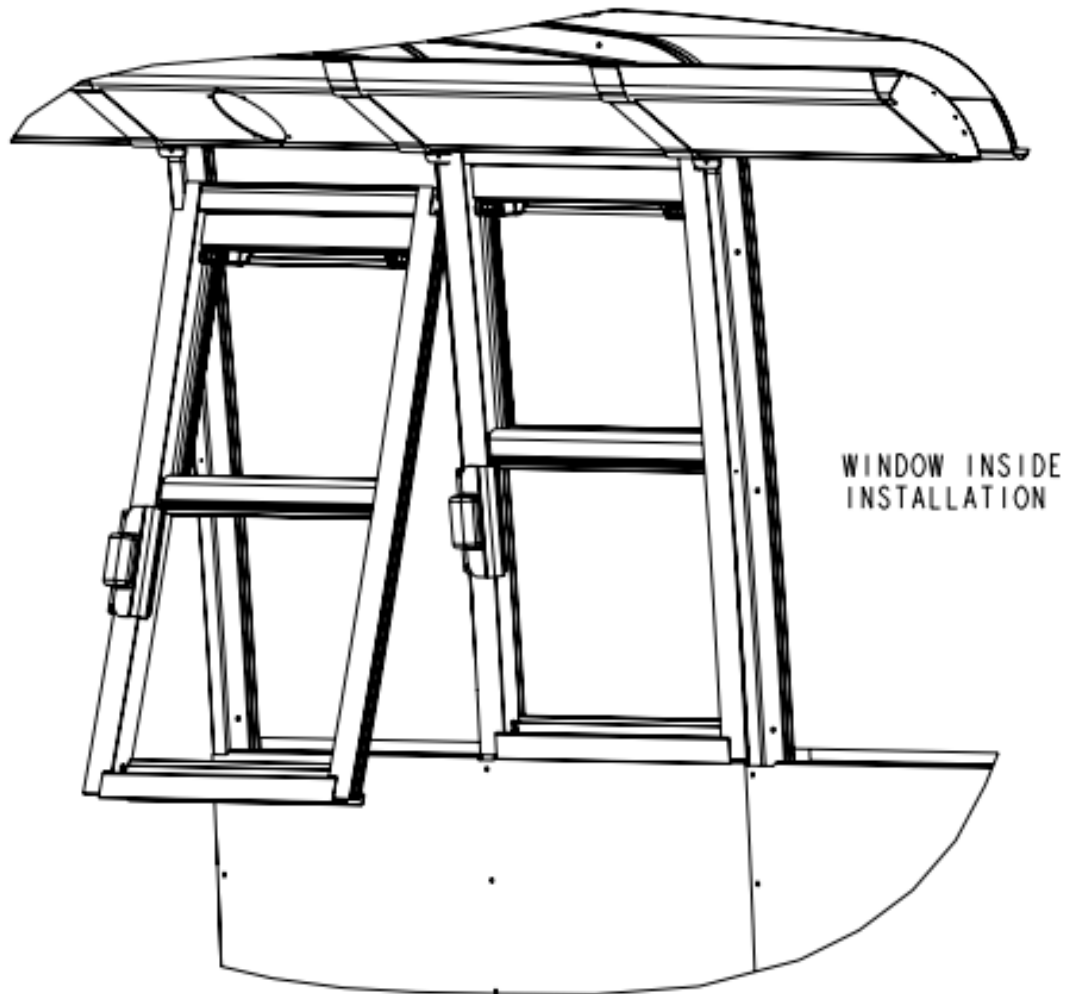


Picture 4

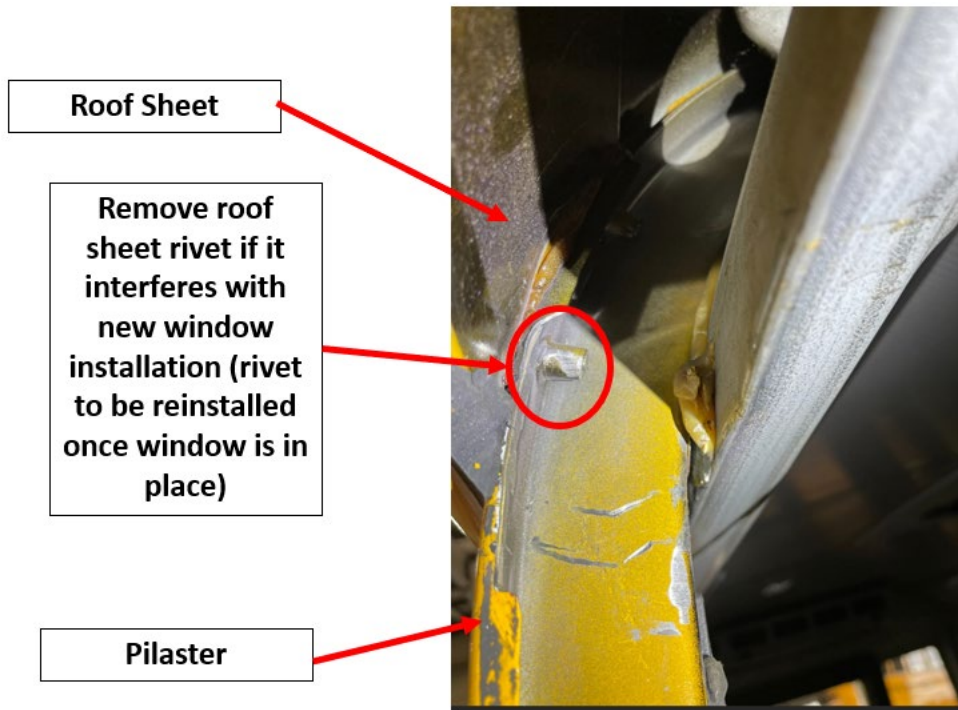
5. Open sliding top portion on new window for ease of handling.

6. Insert window frame into opening, top end first. (Picture 5). Slide the window frame up, over the sill, push window all the way into opening, and lower window frame into position.

Note: If roof to pilaster rivets interfere with new window installation, remove rivets, install window and insert new rivets once window is in (Pictures 6 and 7)



Picture 5



Picture 6



Picture 7

View into the top corner of the window area. Note the notched pilaster, the hole left behind by a removed rivet, and the residue from the seal that was removed.

7. Ensure the window is square in opening and the new windowsill is level. Mark holes to be drilled into bus body for the attachment of windowsill. Use painters' tape to mask off the body at the bottom edges of the body sill.
8. Remove the window and windowsill. Drill the new holes previously marked on the body. Use a #14 drill bit to drill into the outside sheet of the body. Use a #18 drill bit to drill into the inside sheet of the body.
9. Apply Plexus MA1130 or equivalent adhesive to both inside edges of the new windowsill where they will contact the body (Picture 8). Apply a bead of adhesive to the body where it is covered by the sill on the interior and exterior and spread it into an even layer.



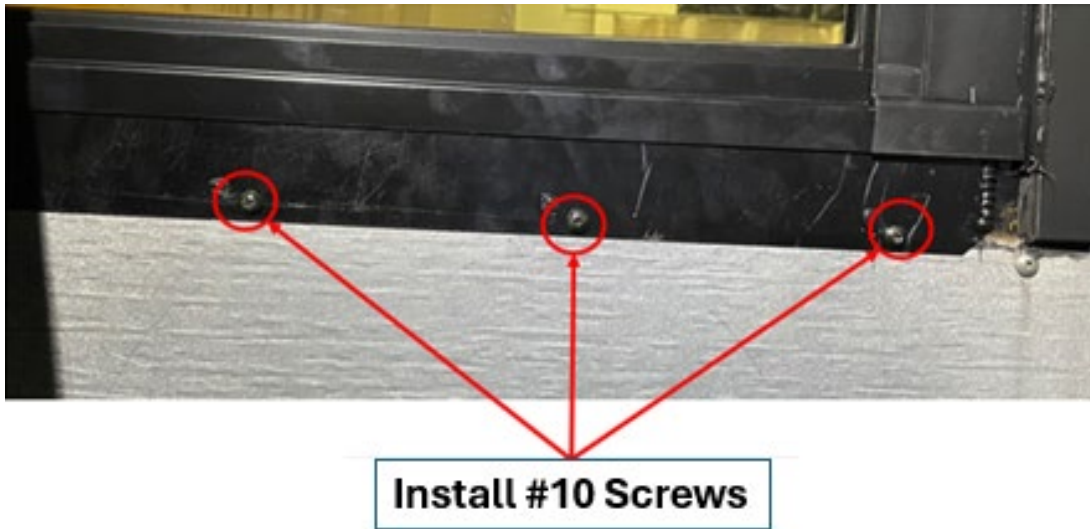
Picture 8

10. For windowsill to outside sheet fastening, install #12 screws (69003249) into predrilled windowsill holes (Picture 9). For a tidy appearance, the screw heads can be paint matched.



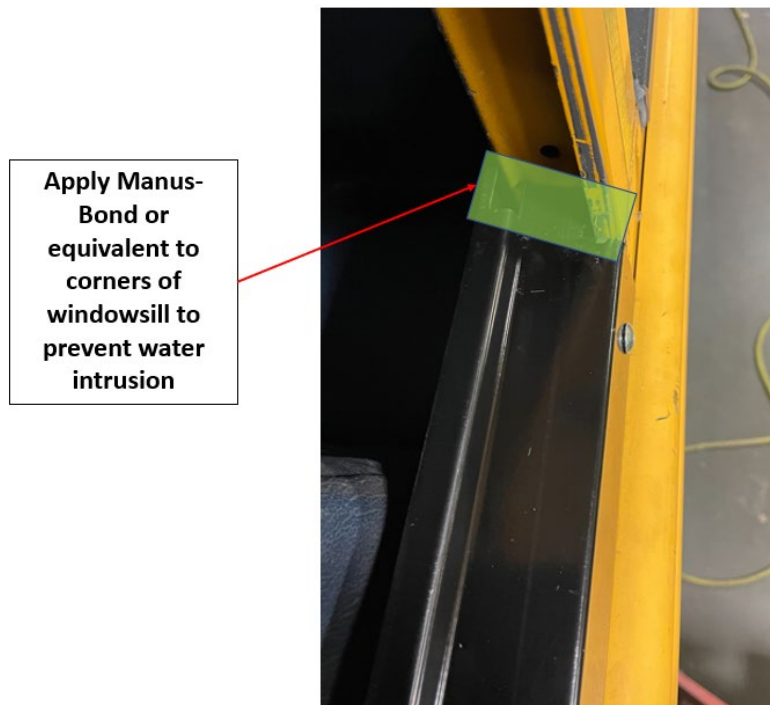
Picture 9

11. For windowsill to inside sheet fastening, install #10 screw (69003091) in each predrilled hole. (Picture 10)



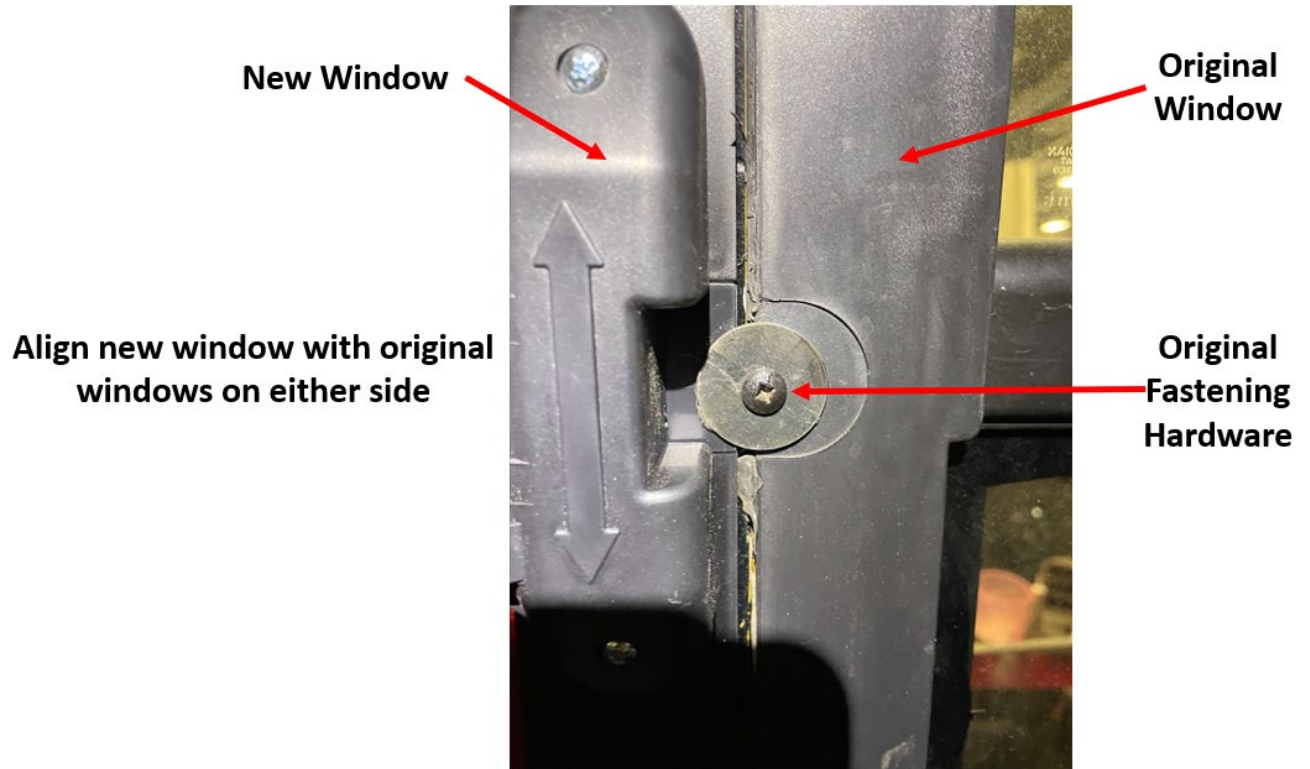
Picture 10

12. After the sill is fastened in place, Apply Manus-Bond or equivalent sealer to the sill corners to prevent water intrusion (Picture 11)



Picture 11

13. Reinstall the window and ensure it is square and properly aligned with the adjacent windows. Fasten with hardware used to secure original window (Picture 12)



Picture 12

14. Install Curtain Box Clip (PN150424) to the top corners of the window Note that the new window corner may need to be trimmed for the rail bracket to sit flush. (Picture 13)

Trim corner of new window if it interfered with Curtain Box Clip Fastener



Curtain Box Clip (PN150424)



Picture 13

15. Apply Manus-Bond or equivalent sealer to the top and side of the exterior window edges to prevent water intrusion, as shown in the highlighted areas (Picture 14, additional view in Picture 4)



Picture 14

16. After Manus bond has cured, check for water leaks around perimeter of the replacement window.

Warranty

This is an informational bulletin only. Warranty does not apply.

Appendix

C2- OLD OLD GENERATION			
Old C2 P/N		DESCRIPTION	Replaced by:
THUS-122957	Sash	C2-2007 WDO SPLIT CLEAR LAM 20" - 3 STOPS	TH-228181
THUS-122958	Sash	C2-2007 WDO SPLIT CLEAR TEMP 20" -3 STOPS	TH-228180
THUS-122959	Sash	C2-2007 WDO SPLIT TINT LAM 20" -3 STOPS	TH-228183
THUS-122960	Sash	C2-2007 WDO SPLIT TINT TEMP 20" -3 STOPS	TH-228182
THUS-122961	Sash	C2-2007 WDO SPLIT CLEAR TEMP 20" - 5 STOPS	TH-228180
THUS-122962	Sash	C2-2007 WDO SPLIT CLEAR LAM 20" - 5 STOPS	TH-228181
THUS-122963	Sash	C2-2007 WDO SPLIT TINT TEMP 20" - 5 STOPS	TH-228182
THUS-122964	Sash	C2-2007 WDO SPLIT TINT LAM 20" - 5 STOPS	TH-228183
THUS-122965	Sash	C2-2007 WDO SPLIT CLEAR TEMP 20" - 8 STOPS	TH-228180
THUS-122966	Sash	C2-2007 WDO SPLIT CLEAR LAM 20" - 8 STOPS	TH-228181
THUS-122967	Sash	C2-2007 WDO SPLIT TINT TEMP 20" - 8 STOPS	TH-228182
THUS-122968	Sash	C2-2007 WDO SPLIT TINT LAM 20" - 8 STOPS	TH-228183
THUS-122969	Sash	C2-2007 WDO SPLIT CLEAR TEMP 20" - 12 STOPS	TH-228180
THUS-122970	Sash	C2-2007 WDO SPLIT CLEAR LAM 20" - 12 STOPS	TH-228181
THUS-122971	Sash	C2-2007 WDO SPLIT TINT TEMP 20" - 12 STOPS	TH-228182
THUS-122972	Sash	C2-2007 WDO SPLIT TINT LAM 20" - 12 STOPS	TH-228183
THUS-122973	Sash	C2-2007 WDO STORM TEMP 20" - 3 STOPS	TH-228184
THUS-122974	Sash	C2-2007 WDO STORM TEMP 20" - 5 STOPS	TH-228184
THUS-122975	Sash	C2-2007 WDO SPLIT STORM TEMP 20" - 8 STOPS	TH-228184
THUS-122976	Sash	C2-2007 WDO STORM TEMP 20" - 12 STOPS	TH-228184
THUS-122977	Sash	C2-2007 WDO STORM LAM 20" - 3 STOPS	TH-228185
THUS-122978	Sash	C2-2007 WDO STORM LAM 20" - 5 STOPS	TH-228185
THUS-122979	Sash	C2-2007 WDO STORM LAM 20" - 8 STOPS	TH-228185
THUS-122980	Sash	C2-2007 WDO STORM LAM 20" - 12 STOPS	TH-228185
THUS-122282	Sash	C2-2007 WDO SPLIT CLEAR LAM 30" - 3 STOPS	TH-228187

THUS-122283	Sash	C2-2007 WDO SPLIT CLEAR TEMP 30" - 3 STOPS	TH-228186
THUS-122284	Sash	C2-2007 WDO SPLIT TINT LAM 30" - 3 STOPS	TH-228189
THUS-122285	Sash	C2-2007 WDO SPLIT TINT TEMP 30" - 3 STOPS	TH-228188
THUS-122286	Sash	C2-2007 WDO SPLIT CLEAR TEMP 30" - 5 STOPS	TH-228186
THUS-122287	Sash	C2-2007 WDO SPLIT CLEAR LAM 30" - 5 STOPS	TH-228187
THUS-122288	Sash	C2-2007 WDO SPLIT TINT TEMP 30" - 5 STOPS	TH-228188
THUS-122289	Sash	C2-2007 WDO SPLIT TINT LAM 30" - 5 STOPS	TH-228189
THUS-122290	Sash	C2-2007 WDO SPLIT CLEAR TEMP 30" - 8 STOPS	TH-228186
THUS-122291	Sash	C2-2007 WDO SPLIT CLEAR LAM 30" - 8 STOPS	TH-228187
THUS-122292	Sash	C2-2007 WDO SPLIT TINT TEMP 30" - 8 STOPS	TH-228188
THUS-122293	Sash	C2-2007 WDO SPLIT TINT LAM 30" - 8 STOPS	TH-228189
THUS-122294	Sash	C2-2007 WDO SPLIT CLEAR TEMP 30" - 12 STOPS	TH-228186
THUS-122295	Sash	C2-2007 WDO SPLIT CLEAR LAM 30" - 12 STOPS	TH-228187
THUS-122296	Sash	C2-2007 WDO SPLIT TINT TEMP 30" - 12 STOPS	TH-228188
THUS-122297	Sash	C2-2007 WDO SPLIT TINT LAM 30" - 12 STOPS	TH-228189
THUS-122298	Sash	C2-2007 WDO STORM TEMP 30" - 3 STOPS	TH-228190
THUS-122299	Sash	C2-2007 WDO STORM TEMP 30" - 5 STOPS	TH-228190
THUS-122300	Sash	C2-2007 WDO STORM TEMP 30" - 8 STOPS	TH-228190
THUS-122301	Sash	C2-2007 WDO STORM TEMP 30" - 12 STOPS	TH-228190
THUS-122302	Sash	C2-2007 WDO STORM LAM 30" - 3 STOPS	TH-228191
THUS-122303	Sash	C2-2007 WDO STORM LAM 30" - 5 STOPS	TH-228191
THUS-122304	Sash	C2-2007 30" STD/BLK/STORM/CLEAR LAM/ 8" Stops	TH-228191
THUS-122305	Sash	C2-2007 30" STD/BLK/STORM/LAM/CLEAR 12" Stops	TH-228191
THUS-122720	Sash	C2-2007 WDO SPLIT CLEAR LAM 40" - 3 STOPS	TH-228194
THUS-122721	Sash	C2-2007 WDO SPLIT CLEAR TEMP 40" - 3 STOPS	TH-228193
THUS-122722	Sash	C2-2007 WDO SPLIT TINT LAM 40" - 3 STOPS	TH-228196
THUS-122723	Sash	C2-2007 WDO SPLIT TINT TEMP 40" - 3 STOPS	TH-228195
THUS-122724	Sash	C2-2007 WDO SPLIT CLEAR TEMP 40" - 5 STOPS	TH-228193

THUS-122725	Sash	C2-2007 WDO SPLIT CLEAR LAM 40" - 5 STOPS	TH-228194
THUS-122726	Sash	C2-2007 WDO SPLIT TINT TEMP 40" - 5 STOPS	TH-228195
THUS-122727	Sash	C2-2007 WDO SPLIT TINT LAM 40" - 5 STOPS	TH-228196
THUS-122728	Sash	C2-2007 WDO SPLIT CLEAR TEMP 40" - 8 STOPS	TH-228193
THUS-122729	Sash	C2-2007 WDO SPLIT CLEAR LAM 40" - 8 STOPS	TH-228194
THUS-122730	Sash	C2-2007 WDO SPLIT TINT TEMP 40" - 8 STOPS	TH-228195
THUS-122731	Sash	C2-2007 WDO SPLIT TINT LAM 40" - 8 STOPS	TH-228196
THUS-122732	Sash	C2-2007 WDO SPLIT CLEAR TEMP 40" - 12 STOPS	TH-228193
THUS-122733	Sash	C2-2007 WDO SPLIT CLEAR LAM 40" - 12 STOPS	TH-228194
THUS-122735	Sash	C2-2007 WDO SPLIT TINT TEMP 40" - 12 STOPS	TH-228195
THUS-122736	Sash	C2-2007 WDO SPLIT TINT LAM 40" - 12 STOPS	TH-228196
THUS-122737	Sash	C2-2007 WDO STORM TEMP 40" - 3 STOPS	TH-228197
THUS-122738	Sash	C2-2007 WDO STORM TEMP 40" - 5 STOPS	TH-228197
THUS-122739	Sash	C2-2007 WDO STORM TEMP 40" - 8 STOPS	TH-228197
THUS-122740	Sash	C2-2007 WDO STORM TEMP 40" - 12 STOPS	TH-228197
THUS-122741	Sash	C2-2007 WDO STORM LAM 40" - 3 STOPS	TH-228198
THUS-122742	Sash	C2-2007 WDO STORM LAM 40" - 5 STOPS	TH-228198
THUS-122743	Sash	C2-2007 WDO STORM LAM 40" - 8 STOPS	TH-228198
THUS-122744	Sash	C2-2007 40" STD/BLK/STORM/LAM/CLEAR 12" Stops	TH-228198
TH-112488	PO	C2-2007 WDO P/O VERT TEMP CLR LS - 3 STOPS	TH-231782
TH-112489	PO	C2-2007 WDO P/O VERT TEMP CLR LS - 5 STOPS	TH-231782
TH-112490	PO	C2-2007 WDP P/O VERT TEMP CLR LS - 8 STOPS	TH-231782
TH-112491	PO	C2-2007 WDO P/O VERT TEMP CLR LS - 12 STOPS	TH-231782
TH-112492	PO	C2-2007 WDO P/O VERT TEMP TNT LS - 3 STOPS	TH-231784
TH-112493	PO	C2-2007 WDO P/O VERT TEMP TNT LS - 5 STOPS	TH-231784
TH-112494	PO	C2-2007 WDO P/O VERT TEMP TNT LS - 8 STOPS	TH-231784
TH-112495	PO	C2-2007 WDO P/O VERT TEMP TNT LS - 12 STOPS	TH-231784
TH-112496	PO	C2-2007 WDO P/O VERT LAM CLR LS - 3 STOPS	TH-231781
TH-112497	PO	C2-2007 WDO P/O VERT LAM CLR LS 5 STOPS	TH-231781
TH-112498	PO	C2-2007 WDO P/O VERT LAM CLR LS - 8 STOPS	TH-231781
TH-112499	PO	C2-2007 WDO P/O VERT LAM CLR LS 12 STOPS	TH-231781
TH-112500	PO	C2-2007 WDO P/O VERT LAM TNT LS - 3 STOPS	TH-231783

TH-112501	PO	C2-2007 WDO P/O VERT LAM TNT LS - 5 STOPS	TH-231783
TH-112502	PO	C2-2007 WDO P/O VERT LAM TNT LS - 8 STOPS	TH-231783
TH-112503	PO	C2-2007 WDO P/O VERT LAM TNT LS - 12 STOPS	TH-231783
TH-112504	PO	C2-2007 WDO P/O VERT TEMP CLR RS - 3 STOPS	TH-231785
TH-112505	PO	C2-2007 WDO P/O VERT TEMP CLR RS - 5 STOPS	TH-231785
TH-112506	PO	C2-2007 WDO P/O VERT TEMP CLR RS - 8 STOPS	TH-231785
TH-112507	PO	C2-2007 WDO P/O VERT TEMP CLR RS - 12 STOPS	TH-231785
TH-112508	PO	C2-2007 WDO P/O VERT TEMP TNT RS - 3 STOPS	TH-231787
TH-112509	PO	C2-2007 WDO P/O VERT TEMP TNT RS - 5 STOPS	TH-231787
TH-112510	PO	C2-2007 WDO P/O VERT TEMP TNT RS - 8 STOPS	TH-231787
TH-112511	PO	C2-2007 WDO P/O VERT TEMP TNT RS - 12 STOPS	TH-231787
TH-112512	PO	C2-2007 WDO P/O VERT LAM CLR RS - 3 STOPS	TH-231786
TH-112513	PO	C2-2007 WDO P/O VERT LAM CLR RS - 5 STOPS	TH-231786
TH-112514	PO	C2-2007 WDO P/O VERT LAM CLR RS - 8 STOPS	TH-231786
TH-112515	PO	C2-2007 WDO P/O VERT LAM CLR RS - 12 STOPS	TH-231786
TH-112516	PO	C2-2007 WDO P/O VERT LAM TNT RS - 3 STOPS	TH-231788
TH-112517	PO	C2-2007 WDO P/O VERT LAM TNT RS - 5 STOPS	TH-231788
TH-112518	PO	C2-2007 WDO P/O VERT LAM TNT RS - 8 STOPS	TH-231788
TH-112519	PO	C2-2007 WDO P/O VERT LAM TNT RS -12 STOPS	TH-231788
THSP-22001	Kit	POH LEFT BOTTOM FRAME KIT BLK 27-1/4 W	Entire window (231781,231782,231783 or 231784)
THSP-22002	Kit	POH RIGHT BOTTOM FRAME KIT BLK 27-1/4 W	Entire window (231785,231786,231787 or 231788)
THSP-22003	Kit	POH LEFT BOTTOM FRAME KIT AL 27-1/4 W	Entire window (231781,231782,231783 or 231784)
THSP-22004	Kit	POH RIGHT BOTTOM FRAME KIT AL 27-1/4 W	Entire window (231785,231786,231787 or 231788)
THSP-23001	Kit	POH LEFT EXT FRAME KIT BLK 27-1/4 W X 22-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-23002	Kit	POH RIGHT EXT FRAME KIT BLK 27-1/4 W X 22-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-23003	Kit	POH LEFT EXT FRAME KIT ALU 27-1/4 W X 22-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-23004	Kit	POH RIGHT EXT FRAME KIT ALU 27-1/4 W X 22-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-23005	Kit	POH LEFT EXT FRAME KIT BLK 27-1/4 W X 28-1/2 H	Entire window (231781,231782,231783 or 231784)

THSP-23006	Kit	POH RIGHT EXT FRAME KIT BLK 27-1/4 W X 28-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-23007	Kit	POH LEFT EXT FRAME KIT ALU 27-1/4 W X 28-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-23008	Kit	POH RIGHT EXT FRAME KIT ALU 27-1/4 W X 28-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-23009	Kit	POV LEFT EXT FRAME KIT /BLK/ 27-1/4 W X 22-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-23010	Kit	POV RIGHT EXT FRAME KIT/BLK/ 27-1/4 W X 22-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-23011	Kit	POV LEFT EXT FRAME KIT /AL/ 27-1/4 W X 22-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-23012	Kit	POV RIGHT EXT FRAME KIT /AL/ 27-1/4 W X 22-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-23013	Kit	POV LEFT EXT FRAME KIT /BLK. 27-1/4 W X 28-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-23014	Kit	POV RIGHT EXT FRAME KIT /BLK. 27-1/4 W X 28-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-23015	Kit	POV LEFT EXT FRAME KIT /AL 27-1/4 W X 28-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-23016	Kit	POV RIGHT EXT FRAME KIT /AL. 27-1/4 W X 28-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-27001	Kit	POH INTERIOR FRAME KIT LEFT/BLK. 27-1/4 W X 22-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-27002	Kit	POH INTERIOR FRAME KIT RIGHT/BLK. 27-1/4 W X 22-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-27003	Kit	POH INTERIOR FRAME KIT LEFT/AL. 27-1/4 W X 22-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-27004	Kit	POH INTERIOR FRAME KIT RIGHT/AL. 27-1/4 W X 22-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-27005	Kit	POH INTERIOR FRAME KIT LEFT/BLK. 27-1/4 W X 28-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-27006	Kit	POH INTERIOR FRAME KIT RIGHT/BLK. 27-1/4 W X 28-1/2 H	Entire window (231785,231786,231787 or 231788)

THSP-27007	Kit	POH INTERIOR FRAME KIT LEFT/AL. 27-1/4 W X 28-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-27008	Kit	POH INTERIOR FRAME KIT RIGHT/AL. 27-1/4 W X 28-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-27009	Kit	POV LEFT INT. FRAME BLK 27-1/4 W X 22-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-27010	Kit	POV RIGHT INT. FRAME BLK 27-1/4 W X 22-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-27011	Kit	POV LEFT INT. FRAME /AL 27-1/4 W X 22-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-27012	Kit	POV RIGHT INT. FRAME /AL 27-1/4 W X 22-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-27013	Kit	POV LEFT INT. FRAME BLK 27-1/4 W X 28-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-27014	Kit	POV RIGHT INT. FRAME BLK 27-1/4 W X 28-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-27015	Kit	POV LEFT INT. FRAME /AL 27-1/4 W X 28-1/2 H	Entire window (231781,231782,231783 or 231784)
THSP-27016	Kit	POV RIGHT INT. FRAME /AL 27-1/4 W X 28-1/2 H	Entire window (231785,231786,231787 or 231788)
THSP-63001	Kit	C2 VERT. P-O LH FRAME ASSY. 26-5/16" W X 36"H	Entire window (231781,231782,231783 or 231784)
THSP-63002	Kit	C2 VERT. P-O RH FRAME ASSY. 26-5/16" W X 36"H	Entire window (231785,231786,231787 or 231788)
THSP-67001	Kit	C2 VERT. P-O LH INT. WINDOW ASSY. 26-5/16" W X 36"H	Entire window (231781,231782,231783 or 231784)
THSP-67002	Kit	C2 VERT. P-O RH INT. WINDOW ASSY. 26-5/16" W X 36"H	Entire window (231785,231786,231787 or 231788)
THSP-72001	Kit	C2 POH TYPE 2 BLK / BOTTOM FRAME KIT	Entire window (231781, 231782, 231783, 231784, 231785, 231786, 231787, or 231788)
THSP-72002	Kit	C2 POH TYPE 1 BLK / BOTTOM FRAME KIT	Entire window (231781, 231782, 231783, 231784, 231785, 231786, 231787, or 231788)

THSP-73001	Kit	C2 POH EXT FRAME KIT / BLK	Entire window (231781, 231782, 231783, 231784, 231785, 231786, 231787, or 231788)
THSP-77001	Kit	C2 POH INTERIOR FRAME KIT/ TYPE 2 / BLK	Entire window (231781, 231782, 231783, 231784, 231785, 231786, 231787, or 231788)
THSP-77002	Kit	C2 POH INTERIOR FRAME KIT /TYPE 1 / BLK	Entire window (231781, 231782, 231783, 231784, 231785, 231786, 231787, or 231788)
THSP-83007	Kit	FRAME KIT 30" STD/TINT/LAM 5" STOPS	TH-228189
THSP-83011	Kit	FRAME KIT 30" STD/TINT/TEMP 8" STOPS	TH-228188
THSP-83013	Kit	FRAME KIT 30" STD/CLEAR/TEMP 12" STOPS	TH-228186
THSP-83014	Kit	FRAME KIT 30" STD/CLEAR/LAM 12" STOPS	TH-228187
THSP-83015	Kit	FRAME KIT 30" STD/TINT/TEMP 12" STOPS	TH-228188
THSP-83016	Kit	FRAME KIT 30" STD/TINT/LAM/BLK 12" STOPS	TH-228189
THSP-83020	Kit	FRAME KIT 30" STD/STORM/CLEAR/TEMP 12" STOPS	TH-228190
THSP-83024	Kit	FRAME KIT 30" STORM/CLEAR/LAM 12" STOPS	TH-228191
THSP-83038	Kit	FRAME KIT 40" STD/CLEAR/LAM 12" STOPS	TH-228194
THSP-83039	Kit	FRAME KIT 40" STD/TINT/TEMP 12" STOPS	TH-228195
THSP-83040	Kit	FRAME KIT 40" STD/TINT/LAM 12" STOPS	TH-228196
THSP-83048	Kit	FRAME KIT 40" STD/CL/LAM/STORM 12" STOPS	TH-228198
THSP-83062	Kit	FRAME KIT 20" STD/LAM/CL BLK 12" STOPS	TH-228181
THSP-83063	Kit	FRAME KIT 20" STD/TEMP/TINT BLK 12" STOPS	TH-228182
THSP-83068	Kit	FRAME KIT 20" STD/STORM CLEAR/TEMP 12" STOPS	TH-228184
THSP-83072	Kit	FRAME KIT STD 20" STORM/CLEAR/LAM 12" STOPS	TH-228185