

# INTEGRITY TRADITIONAL DOUBLE HUNG (ITDH) INTEGRITY TRADITIONAL INSERT DOUBLE HUNG (ITIDH)

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**NOTE: For double hung direct glazed transom information see Chapter 6 Round Top/Polygon.**

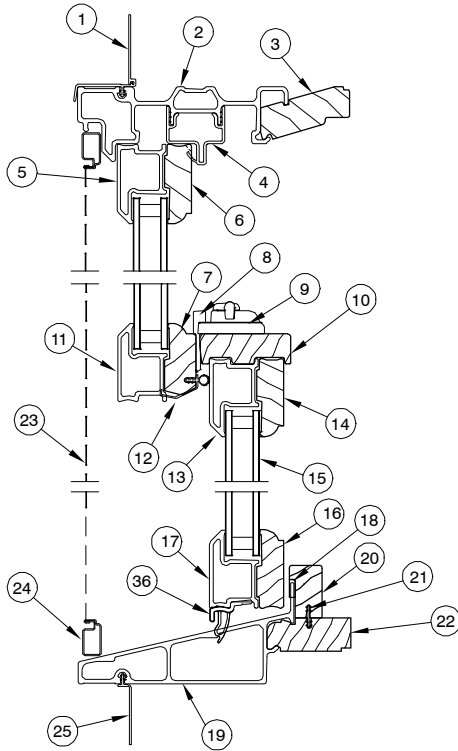
**ATTENTION:**

- Specification and technical data are subject to change without notice.
- Numbers listed in parentheses ( ) are metric equivalents in millimeters rounded to the nearest whole number.

PRODUCED	UNIT TYPE	FEATURES OR CHANGES	DISCONTINUED
2006	Traditional Double Hung	January 2006: Redesigned product introduction featuring DP40 on all sizes and DP50 w/HP kit on all sizes, more wood to the interior, new hardware and additional larger operating and picture units. New abbreviation: ITDH.	Present
		July 2006: SDL offered on all Wood/Ultrex Series windows and doors. 7/8" wide bars with Ultrex exterior and wood interior. See Product Bulletin 66 for more details.	Present
		September 2006: Prairie SDL and GBG Lite cuts made available for the Wood/Ultrex Series windows and doors. See Product Bulletin 70 for more details.	Present
2007	Traditional Double Hung	March 2007: Bronze exteriors introduced.	Present
		November 2007: Evergreen exteriors introduced.	
2008	Traditional Double Hung	March 17, 2008: Cashmere exteriors introduced.	Present
		June 2008: Impact products introduced.	
		October 2008: CN68 equal sash introduced. Introduced Brass, Satin Nickel and Oil Rubbed Bronze hardware finishes for windows.	
2009	Traditional Double Hung	May 2009: LoE <sup>3</sup> 366™ glass option introduced.	Present
2010	Traditional Double Hung	January 2010: Introduced the new grille tack and installation tool and added to accessory chapter.	Present
		February 2010: Bottom Rail Weather-strip changed from V1561 and V1463 to V1930, Sill cover changed from W8793 to W10682.	
		April 26, 2010: CN32 Wood Ultrex Double Hung introduced. Tempered Obscure glass option introduced.	
2011	Traditional Double Hung	April 2011: Added 44" size to the ITDH product. LoE 180™ glass option introduced.	Present
		September 2011: V2132,sash stop, replaces V1582.	
		December 19, 2011: Introduced Wood-Ultrex special sizes and through jamb installation option.	
2012	Traditional Double Hung	April 2012: Introduced STC ratings on select Integrity Wood-Ultrex and All Ultrex products.	Present
		June 2012: Simulated Checkrail Bar option introduced.	
		August 6, 2012 – Balance Tube and Sash Stop changes made to select Impact units.	
		August 27, 2012: Introduced Wood-Ultrex Ebony exterior and exterior casing options.	
		October 29, 2012: Introduced Wood-Ultrex Expanded Sizes and Mulls.	
2013	Traditional Double Hung	February 25, 2013 – Leaf spring replaced the stationary screen pin (Integrity Product Bulletin 183)	Present
	Traditional Insert Double Hung	December 16, 2013 – Introduced special sizes on Impact products.	
		December 16, 2013 – Introduced the Insert Double Hung (ITIDH). The ITIDH is available in special sizes in increments of 1/64". December 16, 2013 – Checkrail cover W8783 changed to W11916.	
2014	Traditional Double Hung	August 25, 2014 – Discontinued use of the Integrity jamb adjustment insert.	Present
2015	Traditional Double Hung	April 27, 2015 – Introduced expanded sizes, new bottom rail extension with weather strip. New Factory Applied HP kit for ITDH/ITDHP/ITDHT	Present
		August 31, 2015 – Half Screens introduced for ITDH and ITIDH products.	
2016	Traditional Insert Double Hung	June 27, 2016 – ITIDH Improvements – Replaced bottom rail extension and weather strip.	Present
	Traditional Double Hung	August 29, 2016 – ITDH Improvements – Replaced bottom rail extension and weather strip.	

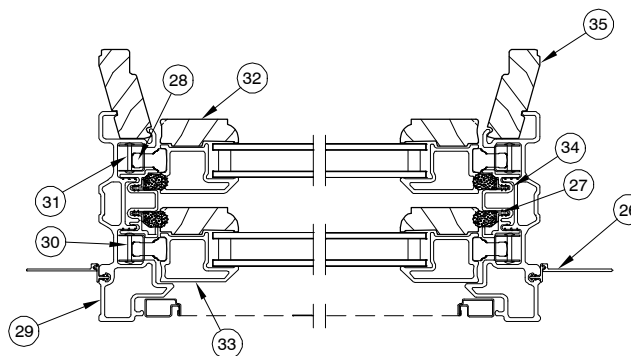
PRODUCED	UNIT TYPE	FEATURES OR CHANGES	DISCONTINUED
2017	Traditional Double Hung/Traditional Insert Double Hung	December 18, 2017 – Added the availability of customer specified lite cut configurations for SDL with and with out spacer bar and GBG. To include simulated checkrail and any color GBG to the exterior only of standard and special sizes.	Present

**TRADITIONAL DOUBLE HUNG  
OPERATOR**



**Head Jamb and Sill**

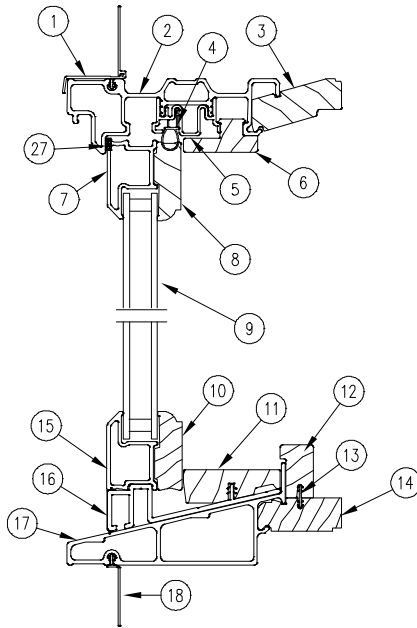
1. Head Jamb Nailing Fin/Drip Cap
2. Head Jamb (Ultrex)
3. Head Jamb Liner
4. Head Jamb Part Stop
5. Top Rail (Ultrex)
6. Top Rail
7. Top Check Rail
8. Sash Keeper
9. Sash Lock
10. Bottom Check Rail Cover
11. Top Check Rail (Ultrex)
12. Top Check Rail Weather Strip
13. Bottom Check Rail (Ultrex)
14. Bottom Check Rail
15. Insulating Glass
16. Bottom Rail
17. Bottom Rail (Ultrex)
18. Sill Cover Foam Tape
19. Sill (Ultrex)
20. Sill Cover
21. Connecting Barb
22. Sill Liner
23. Screen Mesh
24. Screen Frame
25. Sill Nailing Fin
26. Jamb Nailing Fin
27. Jamb Weather Strip
28. Sash Pivot Pin
29. Jamb (Ultrex)
30. Top Sash Balance Tube Assembly
31. Bottom Sash Balance Tube Assembly
32. Stile
33. Stile (Ultrex)
34. Jamb Carrier Assembly
35. Jamb Liner
36. Bottom Rail Extension w/Weather Strip



**Jamb**

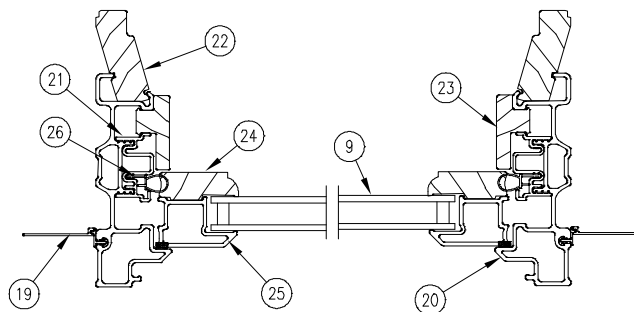
NOTE: Not to scale; specifications subject to change without notice.

**TRADITIONAL DOUBLE HUNG  
STATIONARY – PICTURE**



1. Head Jamb Nailing Fin/Drip Cap
2. Head Jamb (Ultrex)
3. Head Jamb Liner
4. Head Frame Weather Strip
5. Head Jamb Carrier
6. Head Jamb Wood Stop
7. Top Rail (Ultrex)
8. Top Rail
9. Insulating Glass
10. Bottom Rail
11. Sill Wood Stop
12. Sill Cover
13. Connecting Barb
14. Sill Liner
15. Bottom Rail (Ultrex)
16. Vinyl Sill Filler
17. Sill (Ultrex)
18. Sill Nailing Fin
19. Jamb Nailing Fin
20. Jamb (Ultrex)
21. Vinyl Jamb Carrier
22. Jamb Liner
23. Jamb Wood Stop
24. Stile
25. Stile (Ultrex)
26. Jamb Weather Strip
27. Stationary Frame Tape

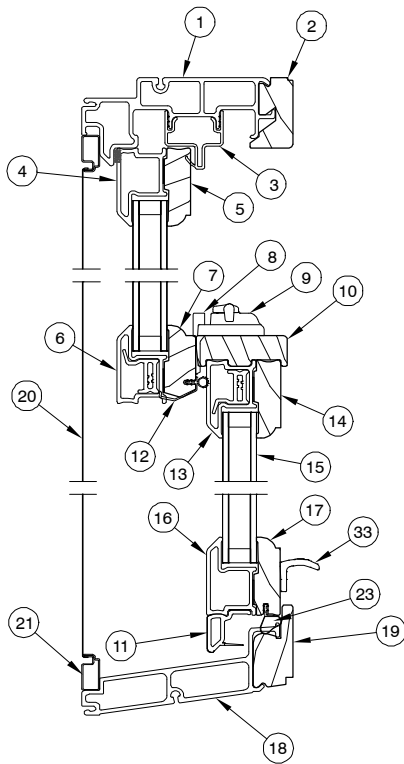
**Head Jamb and Sill**



**Jamb**

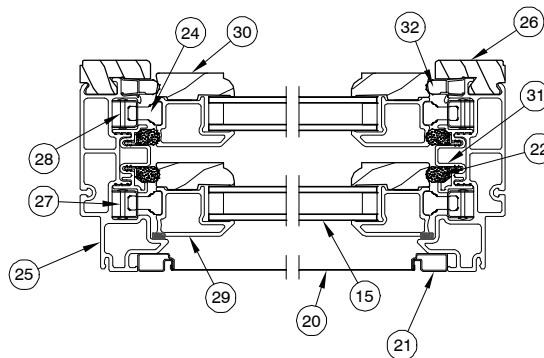
NOTE: Not to scale; specifications subject to change without notice.

**TRADITIONAL INSERT DOUBLE HUNG  
OPERATOR**



1. Head Jamb (Ultrex)
2. Head Jamb Liner
3. Head Jamb Parting Stop
4. Top Rail (Ultrex)
5. Top Rail
6. Top Check Rail (Ultrex)
7. Top Check Rail
8. Sash Keeper
9. Sash Lock
10. Bottom Check Rail Cover
11. Lower Sash Bottom Rail Moulding
12. Top Check Rail Weather Strip
13. Bottom Check Rail (Ultrex)
14. Bottom Check Rail
15. Insulating Glass
16. Bottom Rail (ultrex)
17. Bottom Rail
18. Sill
19. Sill Liner
20. Screen Mesh
21. Screen Frame
22. Jamb Weather Strip
23. Bottom Sash Weather Strip
24. Sash Pivot Pin
25. Jamb (Ultrex)
26. Jamb Liner
27. Top Sash Balance Tube Assembly
28. Bottom Sash Balance Tube Assembly
29. Stile (Ultrex)
30. Stile
31. Jamb Carrier
32. Frame Weather Strip
33. Sash Lift

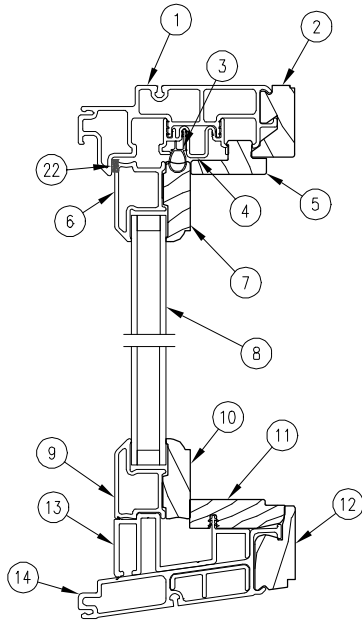
**Head Jamb and Sill**



**Jamb**

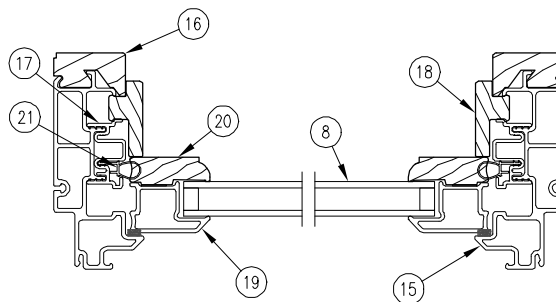
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**TRADITIONAL INSERT DOUBLE HUNG  
STATIONARY – PICTURE**



1. Head Jamb (Ultrex)
2. Head Jamb Liner
3. Head Jamb Weather Strip
4. Head Jamb Carrier
5. Head Jamb Wood Stop
6. Top Rail (Ultrex)
7. Top Rail
8. Insulating Glass
9. Bottom Rail (Ultrex)
10. Bottom Rail
11. Sill Wood Stop
12. Sill Liner
13. Vinyl Sill Filler
14. Sill (Ultrex)
15. Jamb (Ultrex)
16. Jamb Liner
17. Vinyl Jamb Carrier
18. Jamb Wood Stop
19. Stile (Ultrex)
20. Stile
21. Jamb Weatherstrip
22. Stationary Frame Tape

**Head Jamb and Sill**

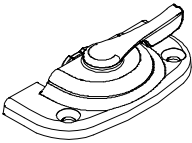

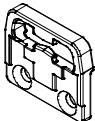
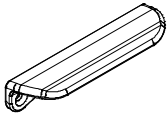
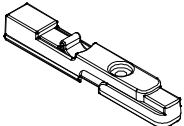
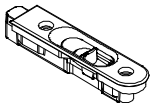
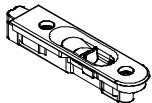
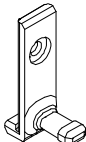
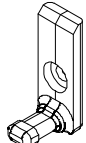


**Jamb**

NOTE: Not to scale; specifications subject to change without notice.

When ordering replacement hardware specify:

1. Type of unit;
2. Part number;
3. Description.


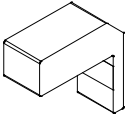
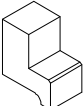
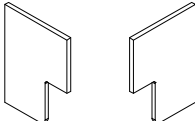
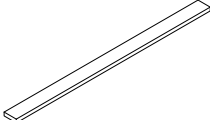
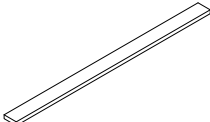
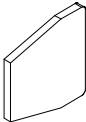

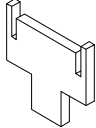
ILLUSTRATION <i>NOT TO SCALE</i>	DESCRIPTION	OPER./COLOR	PART NO.
	<p><b>Cam Lock</b> includes fasteners: 2-#6 x 1 1/2" Phillips flat head screws AF(PN 11800341), WH (PN 11800340), ORBZ (PN 11800341), SN (PN 11800343) BS (11800342)</p>	<p>AF WH ORBZ SN BS</p>	<p>11896848 11896846 11896850 11896852 11896854</p>
	<p><b>Keeper</b> includes fasteners: 2-#6 x 1 1/2" Phillips flat head screws</p>	<p>AF WH ORBZ SN BS</p>	<p>11896857 11896856 11896858 11896859 11896860</p>
	<p><b>Keeper, Impact</b> includes fasteners: 2-#10 x 1 1/2" Phillips flat head screws</p>	<p>AF WH ORBZ SN BS</p>	<p>11896761 11896760 11896871 11896872 11896873</p>
	<p><b>Sash Lift - ITIDH</b> Usage: 12/16/2013 - present (field applied only) includes fasteners: 2-#6 x 1 1/2" Phillips flat head screws</p>	<p>AF WH ORBZ SN BS</p>	<p>11896664 11896665 11896666 11896667 11896668</p>
	<p><b>Tilt Latch, Top Sash</b> includes fasteners: 1-#6 x 1 1/2" Phillips flat head screws</p>	<p>BG</p>	<p>11869708</p>
	<p><b>Tilt Latch, Bottom Sash</b> includes fasteners: 2-#7 x 1 1/4 Phillips pan head screw AF(PN 11807161), WH (PN 11807160), ORBZ (PN 11807165), SN (PN 11807164) BS (11807163)</p>	<p>AF WH ORBZ SN BS</p>	<p>11896862 11896861 11896863 11896864 11896865</p>
	<p><b>Tilt Latch, Bottom Sash, Impact</b> includes fasteners: 2-#7 x 1 1/4" Phillips head screws</p>	<p>AF WH ORBZ SN BS</p>	<p>11896763 11896762 11896874 11896875 11896876</p>
	<p><b>Pivot Pin, Top Sash</b> includes fasteners: 1-#7 x 3/4" Phillips pan head screw</p>		<p>118625</p>
	<p><b>Pivot Pin, Bottom Sash</b> includes fasteners: 1-#7 x 3/4" Phillips pan head screw</p>		<p>10815279</p>



When ordering replacement Integrity Double Hung parts specify:

1. Type of unit;
2. Part number;
3. Description.

ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
	<b>Check Rail Dust Block</b> 1 1/4" x 1/2" <i>NOTE: Adhesive backed</i>	BG	15607562
	<b>Check Rail Landing</b>	Clear WH	10501055 10501056
	<b>Balance Tube Dust Block, ITIDH</b> Usage: 5/27/2014 – present 1 3/8" x 3/8" x 33/64"	BG	15600011
	<b>Balance Tube Dust Block, ITIDH</b> Usage: 12/16/2013 – 5/27/2014 11/16" x 13/16" x 15/32"	BG	10500381
	<b>Balance Tube Foam Plug</b> 3/4" x 3/4" x 1/2"	WH	10500104
	<b>Balance Tube Plug</b>	Natural	10500174
	<b>Balance Tube Channel Plug, ITIDH</b> Usage: 10/08/2014 – present	GY	10507373
	<b>Balance Tube Channel Plug, ITIDH</b> For field service replacement part only	GY	10506363
	<b>Balance Tube Clutch</b>	Non-handed BG	105530
	<b>Balance Tube Clutch, Impact, ITDH</b>	Non-handed BK	11867892
	<b>Rotating Hanger Clip</b>		106610

ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
	<b>Through Jamb Plug</b>	BG	11882969
	<b>Plug, Bottom Sash Stop, ITDH and Impact</b> ITDH Field Service only Usage: 4/22/2010–4/29/2013 <i>NOTE: Adhesive transfer tape applied.</i>		10506254
	<b>Plug, Clutch Pocket, ITDH and Impact</b> Usage: 4/30/2013 to present		10501050
	<b>End Seal, HP Sill Cover Kit</b> Usage: 4/27/2015 to present <i>Includes:</i> <i>1 pair – 1 LH and 1 RH</i> <i>NOTE: This is for HP and Impact kits only.</i>	GY	10500405
	<b>Stationary Sash Tape</b>	50' (15 meters) GY	11406228
	<b>Frame Sealant Foam</b>	96" (2.4 meters) GY	10500319
	<b>Jamb Liner Gasket, ITDH and Impact</b>	BG	10500386
	<b>Jamb Liner Gasket, ITIDH</b> ITIDH Field Service only (Refer to Instruction 19915736)		10501134
	<b>Gasket End Cap Parting Stop</b>		10502060

When ordering replacement Integrity Double Hung weather strip and vinyl parts specify:

1. Description;
2. Profile number;
3. Part number;
4. Quantity.


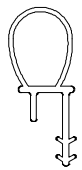
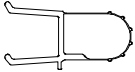
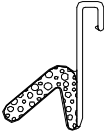

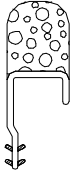


ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NO.				
	<b>Frame Weather Strip</b> V2510	BG					
	CN36			17 13/64" (437)	17013836		
	CN40			19 13/64" (488)	17013840		
	CN44			21 13/64" (538)	17013844		
	CN48			23 13/64" (589)	17013848		
	CN52			25 13/64" (640)	17013852		
	CN56/68TC			27 13/64" (691)	17013856		
	CN60			29 13/64" (742)	17013860		
	CN64			31 13/64" (792)	17013864		
	CN68			33 13/64" (843)	17013868		
	CN68BC			39 13/64" (996)	17013869		
	CN72			35 13/64" (894)	17013872		
	CN76			37 13/64" (945)	17013876		
	CN84			41 15/32" (1053)	17013884		
	Lineal			100" (2540)	17013800		
 <p>Lineal 96" (2438) 17030099</p>	<b>Jamb Frame Weather Strip                      Picture and Transom</b> V1474	BG					
	CN16			13 7/8" (352)	17030016		
	CN24			21 7/8" (556)	17030024		
	CN36			33 7/8" (860)	17030036		
	CN40			37 7/8" (962)	17030040		
	CN44			41 7/8" (1064)	17030044		
	CN48			45 7/8" (1165)	17030048		
	CN52			49 7/8" (1267)	17030052		
	CN56			53 7/8" (1368)	17030056		
	CN60			57 7/8" (1470)	17030060		
	CN64			61 7/8" (1571)	17030064		
	CN68			65 7/8" (1673)	17030068		
	CN72			69 7/8" (1775)	17030072		
	CN76			73 7/8" (1876)	17030076		
	CN84			82 3/8" (2092)	17030084		
	<b>Head Jamb Frame Weather Strip                      Picture and Transom</b> V1474			BG			
	CN22					18 7/8" (479)	17030022
	CN26					22 7/8" (581)	17030026
	CN30					26 7/8" (683)	17030030
	CN32					28 7/8" (733)	17030032
	CN34					30 7/8" (784)	17030034
	CN36					32 7/8" (835)	17030036
	CN38					34 7/8" (886)	17030038
	CN42					38 7/8" (987)	17030042
	CN48					44 7/8" (1140)	17030049
	CN50					46 7/8" (1191)	17030050
	CN54					50 7/8" (1292)	17030054
CN62	58 7/8" (1495)	17030062					

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NO.
	<p><b>Frame Weather Strip, Interior – ITIDH</b>                      Usage: 12/16/2013 – present                      V2329</p> <p>CN48                      CN60                      CN72                      CN84</p>	<p>BG</p> <p>22 7/8" (581)                      28 7/8" (733)                      34 7/8" (886)                      40 7/8" (1038)</p>	<p>17015548                      17015560                      17015572                      17015584</p>
	<p><b>Sill Weather Strip – ITDH</b>                      V1463                      ITDH Field Service only                      Used 1/1/2006–2/22/2010</p> <p>CN22                      CN26                      CN30                      CN34                      CN36                      CN38                      CN42</p>	<p>BG</p> <p>18 13/16" (478)                      22 13/16" (579)                      26 13/16" (681)                      30 13/16" (783)                      32 13/16" (833)                      34 13/16" (884)                      38 13/16" (986)</p>	<p>17012022                      17012026                      17012030                      17012034                      17012036                      17012038                      17012042</p>
	<p><b>Sash Weather Strip, ITIDH</b>                      Usage: 12/16/2013 – present                      V025</p>	<p>BG</p> <p>72" (1829)</p>	<p>15350106</p>
	<p><b>Bottom Sash Stop – ITDH</b>                      V1530                      ITDH Field Service only                      Used 1/1/2006–4/18/2007</p> <p>ITDH                      ITDH Egress                      Lineal</p>	<p>BG</p> <p>1 7/16" (37)                      3/4" (19)                      96" (2438)</p>	<p>11870200                      11870201                      11870299</p>
	<p><b>Bottom Rail Weather Strip, ITDH</b>                      V2550                      Usage: 4/27/2015–8/29/2016</p>	<p>N/A</p> <p>Replace with V2527</p>	
 <p>NOTE: Shown with adhesive tape applied.</p>	<p><b>Bottom Rail Weather Strip – ITDH</b>                      V1561                      ITDH Field Service only                      Used 1/1/2006–2/22/2010</p> <p>CN22                      CN26                      CN30                      CN34                      CN36                      CN38                      CN42</p>	<p>BG</p> <p>17 7/16" (443)                      21 7/16" (545)                      25 7/16" (646)                      29 7/16" (748)                      31 7/16" (799)                      33 7/16" (849)                      37 7/16" (951)</p>	<p>17007922                      17007926                      17007930                      17007934                      17007936                      17007938                      17007942</p>

When ordering replacement Integrity Double Hung weather strip and vinyl parts specify:

1. Description; Profile number; Part number; Quantity

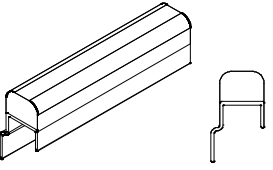

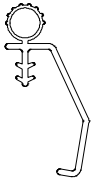
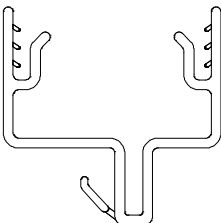
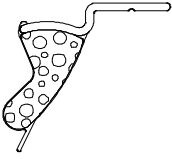
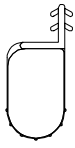
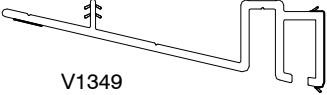
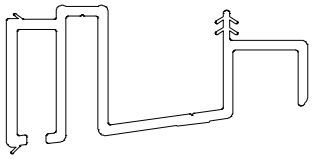

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NO.
	<p><b>Sash Stop</b>                      V2132 BG                      Used 9/6/2011 to Present</p> <p>Standard Units      2 3/16" (56)                      Egress Units        1 13/32" (36)                      ITIDH                    6" (152)                      ITDH Impact CN 3676 and CN 3876      6 11/16" (170)                      ITDH Impact Cottage 3668 and 3868      6 11/16" (170)                      ITIDH, ITIDH/ITDH Reverse Cottage      8" (203)                      ITIDH, ITIDH/ITDH Reverse Cottage      12" (305)                      ITIDH/ITDH Reverse Cottage            13 1/2" (343)                      Lineal                    96" (2438)</p>		
	<p><b>Sash Stop</b>                      V1582 BG                      Used 1/2006 to 9/2011</p>	Discontinued replace with V2132	
	<p><b>Check Rail Weather Strip</b>                      V1372 BG</p> <p>CN22      18 15/16" (481)                      CN26      22 15/16" (583)                      CN30      26 15/16" (684)                      CN32      28 15/16" (735)                      CN34      30 15/16" (786)                      CN36      32 15/16" (837)                      CN38      34 15/16" (888)                      CN42      38 15/16" (989)                      CN48      44 15/16" (1141)                      CN54      50 15/16" (1298)</p>		
	<p><b>Head Jamb Parting Stop</b>                      V1328 BG</p> <p>CN22      19 3/32" (485)                      CN26      23 3/32" (587)                      CN30      27 3/32" (688)                      CN32      29 3/32" (739)                      CN34      31 3/32" (790)                      CN36      33 3/32" (841)                      CN38      35 3/32" (891)                      CN42      39 3/32" (993)                      CN48      45 3/32" (1145)                      CN54      51 3/32" (1298)</p>		

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NO.
	<p><b>Bottom Sash Weather Strip Kit – ITDH</b>                      V1930 BG Used 2/23/2012 to 4/27/2015                      ITDH Field Service only</p> <p><i>Includes:</i>                      Weather Strip                      6 – #8 x 3/4" screws                      1 – instruction</p>	<p>CN22 18 11/16" (475)                      CN26 22 11/16" (576)                      CN30 26 11/16" (678)                      CN32 28 11/16" (729)                      CN34 30 11/16" (779)                      CN36 32 11/16" (830)                      CN38 34 11/16" (881)                      CN42 38 11/16" (983)</p>	<p>11897191                      11897192                      11897193                      11897040                      11897194                      11897195                      11897196                      11897197</p>
	<p><b>Frame Weather Strip</b>                      V2505 Discontinued 8/2014–7/2015</p>	<p>Discontinued                      replace with V2510</p>	

Description							
 <p>V1349</p>				<p><b>Sill Filler – Picture/Transom                      ITDHP, ITDHTR</b>                      Usage: 5/2002 to present</p>			
Size	CN	Color	Part Number	Size	CN	Color	Part Number
19 1/8" (486)	CN22	WH	17000922	35 1/8" (892)	CN38	WH	17000938
		PB	17000822			PB	17000838
		BZ	17000722			BZ	17000738
		EG	17000622			EG	17000638
		CS	17000522			CS	11700538
		EB	17000222			EB	17000238
23 1/8" (587)	CN26	WH	17000926	39 1/8" (994)	CN42	WH	17000942
		PB	17000826			PB	17000842
		BZ	17000726			BZ	17000743
		EG	17000626			EG	17000643
		CS	11700526			CS	11700543
		EB	17000226			EB	17000243
27 1/8" (689)	CN30	WH	17000930	45 1/8" (1146)	CN48	WH	17000949
		PB	17000830			PB	17000849
		BZ	17000731			BZ	17000749
		EG	17000631			EG	17000649
		CS	11700531			CS	11700549
		EB	17000231			EB	17000249
29 1/8" (740)	CN32	WH	17000932	47 1/8" (1197)	CN50	WH	17000950
		PB	17000832			PB	17000850
		BZ	17000732			BZ	17000750
		EG	17000632			EG	17000650
		CS	11700532			CS	11700550
		EB	17000232			EB	17000250
31 1/8" (791)	CN34	WH	17000934	51 1/8" (1299)	CN54	WH	17000954
		PB	17000834			PB	17000854
		BZ	17000734			BZ	17000755
		EG	17000634			EG	17000655
		CS	11700534			CS	11700555
		EB	17000234			EB	17000255
33 1/8" (841)	CN36	WH	17000936	59 1/8" (1502)	CN62	WH	17000962
		PB	17000836			PB	17000862
		BZ	17000737			BZ	17000762
		EG	17000637			EG	17000662
		CS	11700537			CS	11700562
		EB	17000237			EB	17000262

Description							
							
V2291		<b>Sill Filler – Picture/Transom                      ITIDHP, ITIDHT</b> Usage: 12/16/2013 to present					
Size	CN	Color	Part Number	Size	CN	Color	Part Number
35 1/8" (892)	CN38	SW	17001138	59 1/8" (1502)	CN62	SW	17001162
		PB	17001238			PB	17001262
		EG	17001338			EG	17001362
		BZ	17001538			BZ	17001562
		CS	17001638			CS	17001662
		EB	17001938			EB	17001962
47 1/8" (1197)	CN50	SW	17001150				
		PB	17001250				
		EG	17001350				
		BZ	17001550				
		CS	17001650				
		EB	17001950				
							
V2707		<b>Lower Sash Bottom Rail Moulding, ITIDH</b> Usage: 12/16/2013 to present					
Size	CN	Color	Part Number	Size	CN	Color	Part Number
26 7/8" (683)	CN30	SW	17001230	38 7/8" (987)	CN42	SW	17001242
		PB	17001330			PB	17001342
		EG	17001530			EG	17001542
		BZ	17001930			BZ	17001942
		CS	17002030			CS	17002042
		EB	17012130			EB	17012142
30 7/8" (784)	CN34	SW	17001234	50 7/8" (1292)	CN54	SW	17001254
		PB	17001334			PB	17001354
		EG	17001534			EG	17001554
		BZ	17001934			BZ	17001954
		CS	17002034			CS	17002054
		EB	17012134			EB	17012154



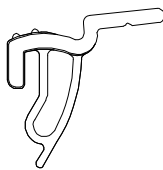
Description							
V2527				<b>Sash Bottom Rail Extension with Weather Strip , ITDH</b> Usage: 8/29/2016 to present NOTE: Screws #11806130 are not included need to be ordered separately (6-12 screws depending on size)			
Size	CN	Color	Part Number	Size	CN	Color	Part Number
18 7/8" (479)	CN22	CS	17019022	32 7/8" (835)	CN36	CS	17019036
		SW	17019122			SW	17019136
		PB	17019222			PB	17019236
		EG	17019322			EG	17019336
		BZ	17019422			BZ	17019436
		EB	17019622			EB	17019636
22 7/8" (581)	CN26	CS	17019026	34 7/8" (886)	CN38	CS	17019038
		SW	17019126			SW	17019138
		PB	17019226			PB	17019238
		EG	17019326			EG	17019338
		BZ	17019426			BZ	17019438
		EB	17019626			EB	17019638
26 7/8" (683)	CN30	CS	17019030	38 7/8" (987)	CN42	CS	17019042
		SW	17019130			SW	17019142
		PB	17019230			PB	17019242
		EG	17019330			EG	17019342
		BZ	17019430			BZ	17019442
		EB	17019630			EB	17019642
28 7/8" (733)	CN32	CS	17019032	44 7/8" (1140)	CN48	CS	17019048
		SW	17019132			SW	17019148
		PB	17019232			PB	17019248
		EG	17019332			EG	17019348
		BZ	17019432			BZ	17019448
		EB	17019632			EB	17019648
30 7/8" (784)	CN34	CS	17019034	50 7/8" (1292)	CN54	CS	17019054
		SW	17019134			SW	17019154
		PB	17019234			PB	17019254
		EG	17019334			EG	17019354
		BZ	17019434			BZ	17019454
		EB	17019634			EB	17019654

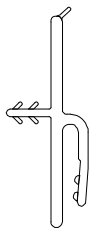
ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NO.
	<b>HP Sill Cover Seal, ITDH</b> V2531- Gray		
	CN22	19 1/2" (496)	17005022
	CN26	23 1/2" (597)	17005026
	CN30	27 1/2" (699)	17005030
	CN32	29 1/2" (750)	17005032
	CN34	31 1/2" (800)	17005034
	CN36	33 1/2" (851)	17005036
	CN38	35 1/2" (902)	17005038
	CN42	39 1/2" (1004)	17005042
	CN48	45 1/2" (1156)	17005048
	CN50	47 1/2" (1207)	17005050
	CN54	51 1/2" (1308)	17005054
	CN62	59 1/2" (1512)	17005062

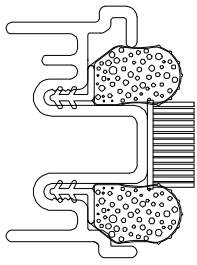
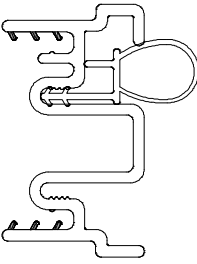
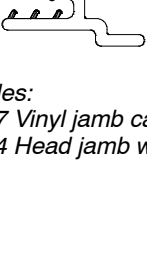
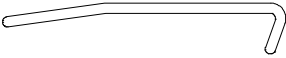
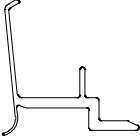
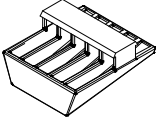
ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NO.	
 <p><i>includes:</i>                      V1327 Vinyl jamb carrier                      V2510 Frame weather strip                      Checkrail fuzzy</p>	<b>Jamb Carrier Assembly – Operator</b>		<b>LH</b>	<b>RH</b>
	CN36	33 31/32" (863)	17370637	17370636
	CN40	37 31/32" (964)	17370641	17370640
	CN44	41 31/32" (1066)	17370645	17370644
	CN48	45 31/32" (1168)	17370649	17370648
	CN52	49 31/32" (1269)	17370653	17370652
	CN56	53 31/32" (1371)	17370657	17370656
	CN60	57 31/32" (1472)	17370661	17370660
	CN64	61 31/32" (1574)	17370665	17370664
	CN68	65 31/32" (1676)	17370569	17370568
	CN68C	65 31/32" (1676)	17370669	17370668
	CN72	69 31/32" (1777)	17370673	17370672
	CN76	73 31/32" (1879)	17370677	17370676
	CN84	82 15/32" (2095)	17370685	17370684
		<b>Head Jamb Carrier Assembly – Picture/ Transom</b>		
CN22		18 7/8" (479)	17370222	
CN26		22 7/8" (581)	17370226	
CN30		26 7/8" (683)	17370230	
CN32		28 7/8" (683)	17370232	
CN34		30 7/8" (784)	17370234	
CN36		32 7/8" (835)	17370236	
CN38		34 7/8" (886)	17370238	
CN42		38 7/8" (987)	17370242	
CN48		44 7/8" (1140)	17370248	
CN50		46 7/8" (1191)	17370250	
 <p><i>includes:</i>                      V1327 Vinyl jamb carrier                      V1474 Head jamb weather strip</p>	<b>Jamb Carrier Assembly – Picture/Transom</b>		<b>LH</b>	<b>RH</b>
	CN16	13 31/32" (355)	17370017	17370016
	CN24	21 31/32" (558)	17370025	17370024
	CN36	33 31/32" (863)	17370037	17370036
	CN40	37 31/32" (964)	17370041	17370040
	CN44	41 31/32" (1066)	17370045	17370044
	CN48	45 31/32" (1168)	17370049	17370048
	CN52	49 31/32" (1269)	17370053	17370052
	CN56	53 31/32" (1371)	17370057	17370056
	CN60	57 31/32" (1472)	17370061	17370060
	CN64	61 31/32" (1574)	17370065	17370064
	CN68	68 31/32" (1676)	17370069	17370068
	CN72	69 31/32" (1777)	17370073	17370072
	CN76	73 31/32" (1879)	17370077	17370076
	Lineal	82 15/32" (2095)	17370085	17370084

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NO.
	<b>Jamb Frame Stiffener – Impact, ITDHP, ITDHTR</b> V1668 BG		
	CN16 CN40 CN44 CN48 CN52 CN56 CN60 CN64 CN68 CN72 CN76	11 1/2" (292) 35 1/2" (902) 39 1/2" (1003) 43 1/2" (1105) 47 1/2" (1207) 51 1/2" (1308) 55 1/2" (1410) 59 1/2" (1511) 63 1/2" (1613) 67 1/2" (1715) 71 1/2" (1816)	11896764 11896765 11896710 11896766 11896767 11896768 11896769 11896770 11896771 11896772 11896773
	<b>Head Jamb Frame Stiffener – Impact, ITDHP, ITDHTR</b> V1668 BG		
	CN22 CN26 CN30 CN32 CN34 CN36 CN38 CN42 CN50 CN54 CN62	17 1/2" (445) 21 1/2" (546) 25 1/2" (648) 27 1/2" (699) 29 1/2" (749) 31 1/2" (800) 33 1/2" (851) 37 1/2" (953) 45 1/2" (1156) 49 1/2" (1257) 57 1/2" (1461)	11896774 11896775 11896776 11896815 11896777 11896778 11896779 11896780 11896781 11896782 11896783
	<b>Top Sash Interlock, Impact, ITDH</b> V1661		
	<b>Impact Sill Block, Impact</b>		11867891

### TO ORDER REPLACEMENT WOOD PARTS

When ordering replacement wood parts specify:

1. Profile number;
2. Part number;
3. Length;
4. Handing (if applicable);
5. Bare wood or white interior.

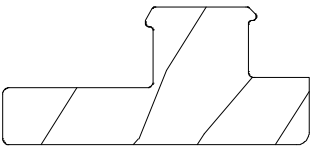
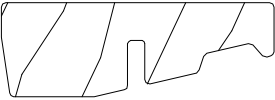
ILLUSTRATION <i>NOT TO SCALE</i>	DESCRIPTION	LENGTH	BARE WOOD PART NO.	WHITE INTERIOR PART NO.
 <p>W8936 - Sill Interior Stop</p>	<b>Interior Stop-Head Jamb</b> W8936  CN22 CN26 CN30 CN32 CN34 CN36 CN38 CN42 CN48 CN50 CN54 CN62	19 1/8" (486) 23 1/8" (587) 27 1/8" (689) 29 1/8" (740) 31 1/8" (791) 33 1/8" (841) 35 1/8" (892) 39 1/8" (994) 45 1/8" (1146) 47 1/8" (1197) 51 1/8" (1299) 59 1/8" (1502)	31510722 31510726 31510730 31510732 31510734 31510736 31510738 31510742 31510748 31510750 31510754 31510762	39210722 39210726 39210730 39210732 39210734 39210736 39210738 39210742 39210748 39210750 39210754 39210762
	<b>Interior Stop - Jamb Picture/Transom</b> W8936  CN16 CN24 CN36 CN40 CN44 CN48 CN52 CN56 CN60 CN64 CN68 CN72 CN76 CN84	12 17/64" (312) 20 17/64" (515) 32 17/64" (820) 36 17/64" (922) 40 17/64" (1023) 44 17/64" (1124) 48 17/64" (1226) 52 17/64" (1328) 56 17/64" (1429) 60 17/64" (1531) 64 17/64" (1632) 68 17/64" (1734) 72 17/64" (1836) 80 17/64" (2039)	31510816 31510824 31510837 31510840 31510844 31510848 31510852 31510856 31510860 31510864 31510868 31510872 31510876 31510884	39210816 39210824 39210837 39210840 39210844 39210848 39210852 39210856 39210860 39210864 39210868 39210872 39210876 39210884
 <p>W8794 - Sill Interior Stop</p>	<b>Interior Stop-Sill</b> W8794  CN22 CN26 CN30 CN32 CN34 CN36 CN38 CN42 CN48 CN50 CN54 CN62	19 13/32" (493) 23 13/32" (593) 27 13/32" (696) 29 13/32" (747) 31 13/32" (798) 33 13/32" (849) 35 13/32" (899) 39 13/32" (1001) 45 13/32" (1153) 47 13/32" (1204) 51 13/32" (1306) 59 13/32" (1509)	31510322 31510326 31510330 31510332 31510334 31510336 31510338 31510342 31510348 31510350 31510354 31510362	39210322 39210326 39210330 39210332 39210334 39210336 39210338 39210342 39210348 39210350 39210354 39210362


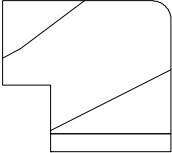
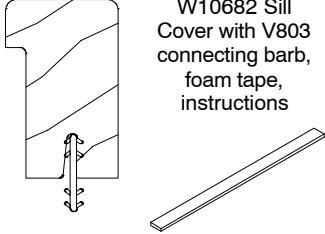
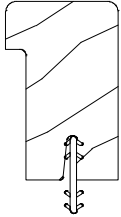
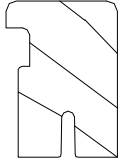
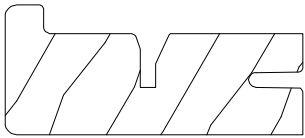
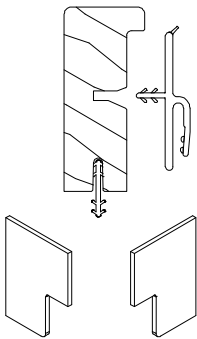
ILLUSTRATION <i>NOT TO SCALE</i>	DESCRIPTION	LENGTH	BARE WOOD PART NO.	WHITE INTERIOR PART NO.
	<p><b>Sill Stop – Picture/Transom, ITIDH</b> W11917 Usage: 12/16/2013 – present</p>			
 <p>W10161 – Impact Glazing Bead glazing tape applied</p>	<p><b>Glazing Bead, Impact only</b> W10161</p>	<p>97" (2464)</p>	<p>11896820</p>	<p>11896821</p>
 <p>W10682 Sill Cover with V803 connecting barb, foam tape, instructions</p>	<p><b>Sill Cover Kit</b> W10682 Usage: 2/23/2010 – present</p>			
 <p>W10682 Sill Cover with V803 connecting barb</p>	<p><b>Sill Cover ITDHP</b> W10682 Usage: 2/23/2010 – present</p>			
	<p>CN38 CN50 CN62</p>	<p>35 1/8" (892) 47 1/8" (1197) 59 1/8" (1502)</p>	<p>31510838 31510850 31510862</p>	<p>39210838 39210850 39210862</p>
	<p>CN22 CN26 CN30 CN32 CN34 CN36 CN38 CN42</p>	<p>19 29/32" (506) 23 29/32" (608) 27 29/32" (709) 29 29/32" (760) 31 29/32" (811) 33 29/32" (862) 35 29/32" (912) 39 29/32" (1014)</p>	<p>11897198 11897199 11897200 11897230 11897213 11897201 11897202 11897203</p>	<p>11897204 11897205 11897206 11897231 11897207 11897208 11897209 11897210</p>
	<p>CN48 CN50 CN54 CN62</p>	<p>45 29/32" (1166) 47 29/32" (1217) 51 29/32" (1319) 59 29/32" (1522)</p>	<p>11896945 11897018 11897019 11897020</p>	<p>11896950 11897021 11897022 11897023</p>

ILLUSTRATION <i>NOT TO SCALE</i>	DESCRIPTION	LENGTH	BARE WOOD PART NO.	WHITE INTERIOR PART NO.
 <p>W8793 – Sill Cover – uses V803 connecting barb, not included</p>	<p><b>Sill Cover</b> W8793 Usage: 1/1/2006–2/22/2010</p> <p>CN22 CN26 CN30 CN34 CN36 CN38 CN42 CN50 CN54 CN62</p>	<p>19 29/32" (506) 23 29/32" (608) 27 29/32" (709) 31 29/32" (811) 33 29/32" (862) 35 29/32" (912) 39 29/32" (1014) 47 29/32" (1217) 51 29/32" (1319) 59 29/32" (1522)</p>	<p>31509222 31509226 31509230 31509234 31509236 31509238 31509242 31509250 31509254 31509262</p>	<p>39209222 39209226 39209230 39209234 39209236 39209238 39209242 39209250 39209254 39209262</p>
	<p><b>HP/Impact Sill Cover</b> W12470</p> <p>CN22 CN26 CN30 CN32 CN34 CN36 CN38 CN42 CN48 CN50 CN54 CN62</p>	<p>19 7/8" (505) 23 7/8" (606) 27 7/8" (708) 29 7/8" (759) 31 7/8" (810) 33 7/8" (860) 35 7/8" (911) 39 7/8" (1013) 45 7/8" (1165) 47 7/8" (1216) 51 7/8" (1317) 59 7/8" (1521)</p>	<p>31516922 31516926 31516930 31516932 31516934 31516936 31516938 31516942 31516948 31516950 31516954 31516962</p>	<p>39216922 39216926 39216930 39216932 39216934 39216936 39216938 39216942 39216948 39216950 39216954 39216962</p>
	<p><b>Double Hung HP Kit</b> ITDH Field Service only Used 4/27/2015 – present <i>Includes:</i> 1–W12470 HP Sill Cover with connecting barb 1–V2531 HP Sill Cover Seal 1–pair of HP End Seal Gasket (10500405) 1–Installation Instruction</p> <p>CN22 CN26 CN30 CN32 CN34 CN36 CN38 CN42 CN50 CN54 CN62</p>		<p>11886122 11886126 11886130 11886132 11886134 11886136 11886138 11886142 11886150 11886154 11886162</p>	<p>39256122 39256126 39256130 39256132 39256134 39256136 39256138 39256142 39256150 39256154 39256162</p>

## BALANCE TUBES

Follow instructions below to order your balance tube.

1. Provide the original order number when possible (note if it's top or bottom sash).
2. Balance type and Balance ID code, they are imprinted on balance tube (see illustration below).
3. Weight of sash.
4. Specify top or bottom sash.
5. Specify quantity. Do **NOT** specify as pairs or sets. If one tube is needed, specify:quantity 1. If four tubes are needed, specify:quantity 4.



**BALANCE TUBES – TOP**

Part Number	Balance ID Code	Length (in)	Part Number	Balance ID Code	Length (in)	Part Number	Balance ID Code	Length (in)
<b>Top Balance Tubes</b>								
10665028	226-28	12	10665036	226-36	16	10665044	226-44	20
10665128	304-28	12	10665136	304-36	16	10665144	304-44	20
10665228	368-28	12	10665236	368-36	16	10665244	368-44	20
10665328	42-28	12	10665336	42-36	16	10665344	42-44	20
10668128	8128	12	10668136	8136	16	10668144	8144	20
10668228	8228	12	10668236	8236	16	10668244	8244	20
10668328	8328	12	10668436	8436	16	10668344	8344	20
10668428	8428	12	10668536	8536	16	10668444	8444	20
10668528	8528	12	10665038	226-38	17	10668544	8544	20
10665030	226-30	13	10665138	304-38	17	10665046	226-46	21
10665130	304-30	13	10665238	368-38	17	10665146	304-46	21
10665230	368-30	13	10665338	42-38	17	10665246	368-46	21
10665330	42-30	13	10668138	8138	17	10665346	42-46	21
10668130	8130	13	10668238	8238	17	10668146	8146	21
10668230	8230	13	10668338	8338	17	10668246	8246	21
10668330	8330	13	10668438	8438	17	10668346	8346	21
10668430	8430	13	10668538	8538	17	10668446	8446	21
10668530	8530	13	10665040	226-40	18	10668546	8546	21
10665032	226-32	14	10665140	304-40	18	10665048	226-48	22
10665132	304-32	14	10665240	368-40	18	10665148	304-48	22
10665232	368-32	14	10665340	42-40	18	10665248	368-48	22
10665332	42-32	14	10668140	8140	18	10665348	42-48	22
10668132	8132	14	10668240	8240	18	10668148	8148	22
10668232	8232	14	10668340	8340	18	10668248	8248	22
10668332	8332	14	10668440	8440	18	10668348	8348	22
10668432	8432	14	10668540	8540	18	10668448	8448	22
10668532	8532	14	10665042	226-42	19	10668548	8548	22
10665034	226-34	15	10665142	304-42	19	10665050	226-50	23
10665134	304-34	15	10665242	368-42	19	10665150	304-50	23
10665234	368-34	15	10665342	42-42	19	10665250	368-50	23
10665334	42-34	15	10668142	8142	19	10665350	42-50	23
10668134	8134	15	10668242	8242	19	10668150	8150	23
10668234	8234	15	10668342	8342	19	10668250	8250	23
10668334	8334	15	10668442	8442	19	10668350	8350	23
10668434	8434	15	10668542	8542	19	10668450	8450	23
10668534	8534	15						



TRADITIONAL DOUBLE HUNG (ITDH)  
BALANCE TUBE REPLACEMENT



**BALANCE TUBES – TOP**

Part Number	Balance ID Code	Length (in)	Part Number	Balance ID Code	Length (in)	Part Number	Balance ID Code	Length (in)
<b>Top Balance Tubes</b>								
10665052	226-52	24	10665060	226-60	28	10665068	226-68	32
10665152	304-52	24	10665160	304-60	28	10665168	304-68	32
10665252	368-52	24	10665260	368-60	28	10665268	368-68	32
10665352	42-52	24	10665360	42-60	28	10665368	42-68	32
10668152	8152	24	10668160	8160	28	10668169	8169	32
10668252	8252	24	10668260	8260	28	10668269	8269	32
10668352	8352	24	10668360	8360	28	10668369	8369	32
10668452	8452	24	10668460	8460	28	10668469	8469	32
10668552	8552	24	10668560	8560	28	10668569	8569	32
10665054	226-54	25	10665062	226-62	29	10665070	226-70	33
10665154	304-54	25	10665162	304-62	29	10665170	304-70	33
10665254	368-54	25	10665262	368-62	29	10665270	368-70	33
10665354	42-54	25	10665362	42-62	29	10665370	42-70	33
10668154	8154	25	10668162	8162	29	10668170	8170	33
10668254	8254	25	10668262	8262	29	10668270	8270	33
10668354	8354	25	10668362	8362	29	10668370	8370	33
10668454	8454	25	10668562	8562	29	10668470	8470	33
10668554	8554	25	10665064	226-64	30	10668570	8570	33
10665056	226-56C68	26	10665164	304-64	30	10665072	226-72	34
10665156	304-56C68	26	10665264	368-64	30	10665172	304-72	34
10665256	368-56C68	26	10665364	42-64	30	10665272	368-72	34
10665356	42-56C68	26	10668164	8164	30	10665372	42-72	34
10668156	8156	26	10668264	8264	30	10668172	8172	34
10668256	8256	26	10668364	8364	30	10668272	8272	34
10668356	8356	26	10668464	8464	30	10668372	8372	34
10668456	8456	26	10668564	8564	30	10668472	8472	34
10668556	8556	26	10665066	226-66	31	10668572	8572	34
10665058	226-58	27	10665166	304-66	31	10665074	226-74	35
10665158	304-58	27	10665266	368-66	31	10665174	304-74	35
10665258	368-58	27	10665366	42-66	31	10665274	368-74	35
10665358	42-58	27	10668166	8166	31	10665374	42-74	35
10668158	8158	27	10668266	8266	31	10668174	8174	35
10668258	8258	27	10668366	8366	31	10668274	8274	35
10668358	8358	27	10668466	8466	31	10668374	8374	35
10668458	8458	27	10668566	8566	31	10668474	8474	35
10668558	8558	27				10668574	8574	35

**BALANCE TUBES – TOP**

Part Number	Balance ID Code	Length (in)	Part Number	Balance ID Code	Length (in)
<b>Top Balance Tubes</b>					
10665076	226-76	36	10665082	226-82	39
10665176	304-76	36	10665182	304-82	39
10665276	368-76	36	10665282	368-82	39
10665376	42-76	36	10665382	42-82	39
10668176	8176	36	10668182	8182	39
10668276	8276	36	10668282	8282	39
10668376	8376	36	10668382	8382	39
10668476	8476	36	10668482	8482	39
10668576	8576	36	10668582	8582	39
10665078	226-78	37	10665084	226-84	40
10665178	304-78	37	10665184	304-84	40
10665278	368-78	37	10665284	368-84	40
10665378	42-78	37	10665384	42-84	40
10668178	8178	37	10668184	8184	40
10668278	8278	37	10668284	8284	40
10668378	8378	37	10668384	8384	40
10668478	8478	37	10668484	8484	40
10668578	8578	37			
10665080	226-80	38			
10665180	304-80	38			
10665280	368-80	38			
10665380	42-80	38			
10668180	8180	38			
10668280	8280	38			
10668380	8380	38			
10668480	8480	38			

**BALANCE TUBES – BOTTOM**

Part Number	Balance ID Code	Length (in)	Part Number	Balance ID Code	Length (in)	Part Number	Balance ID Code	Length (in)
<b>Bottom Balance Tubes</b>								
10667028	226-28	12.875	10667040	226-40	18.875	10669348	9348	22.875
10667128	304-28	12.875	10667140	304-40	18.875	10669448	9448	22.875
10667228	368-28	12.875	10667240	368-40	18.875	10667050	226-50	23.875
10669328	9328	12.875	10667340	42-40	18.875	10667150	304-50	23.875
10667328	42-28	12.875	10669240	9240	18.875	10667250	368-50	23.875
10669128	9128	12.875	10669340	9340	18.875	10667350	42-50	23.875
10669428	9428	12.875	10669440	9440	18.875	10669350	9350	23.875
10667030	226-30	13.875	10667042	226-42	19.875	10669150	9150	23.875
10667130	304-30	13.875	10667142	304-42	19.875	10669250	9250	23.875
10667230	368-30	13.875	10667242	368-42	19.875	10667052	226-52	24.875
10667330	42-30	13.875	10667342	42-42	19.875	10667152	304-52	24.875
10669130	9130	13.875	10669142	9142	19.875	10667252	368-52	24.875
10669230	9230	13.875	10669342	9342	19.875	10669152	9152	24.875
10667032	226-32	14.875	10669442	9442	19.875	10667352	42-52	24.875
10667132	304-32	14.875	10669242	9242	19.875	10669252	9252	24.875
10667232	368-32	14.875	10667044	226-44	20.875	10669352	9352	24.875
10667332	42-32	14.875	10667144	304-44	20.875	10667054	226-54	25.875
10667034	226-34	15.875	10667244	368-44	20.875	10667154	304-54	25.875
10667134	304-34	15.875	10667344	42-44	20.875	10667254	368-54	25.875
10667234	368-34	15.875	10669144	9144	20.875	10667354	42-54	25.875
10667334	42-34	15.875	10669244	9244	20.875	10669154	9154	25.875
10669234	9234	15.875	10669444	9444	20.875	10669254	9254	25.875
10667036	226-36	16.875	10669344	9344	20.875	10667056	226-56	26.875
10667136	304-36	16.875	10667046	226-46	21.875	10667156	304-56	26.875
10667236	368-36	16.875	10667146	304-46	21.875	10667256	368-56	26.545
10667336	42-36	16.875	10667246	368-46	21.875	10669155	9155	26.545
10669236	9236	16.875	10669146	9146	21.875	10667356	42-56	26.545
10669136	9136	16.875	10667346	42-46	21.875	10669255	9255	26.545
10669336	9336	16.875	10669346	9346	21.875	10667255	368-55	26.875
10669436	9436	16.875	10669446	9446	21.875	10669156	9156	26.875
10667038	226-38	17.875	10669246	9246	21.875	10667355	42-55	26.875
10667138	304-38	17.875	10667048	226-48	22.875	10669256	9256	26.875
10667238	368-38	17.875	10667148	304-48	22.875	10669456	9456	26.875
10667338	42-38	17.875	10667248	368-48	22.875	10669356	9356	26.875
10669338	9338	17.875	10669248	9248	22.875	10669556	9556	26.875
10669238	9238	17.875	10669148	9148	22.875			

**BALANCE TUBES – BOTTOM**

Part Number	Balance ID Code	Length (in)	Part Number	Balance ID Code	Length (in)	Part Number	Balance ID Code	Length (in)
<b>Bottom Balance Tubes</b>								
10667058	226-58	27.875	10667366	42-66	31.875	10667076	226-76C68	36.875
10667158	304-58	27.875	10669166	9166	31.875	10667176	304-76C68	36.875
10667258	368-58	27.875	10669366	9366	31.875	10667276	368-76C68	36.875
10667358	42-58	27.875	10669266	9266	31.875	10667376	42-76C68	36.875
10669358	9358	27.875	10669566	9566	31.875	10669176	9176	36.875
10669158	9158	27.875	10667068	226-68	32.875	10669276	9276	36.875
10669458	9458	27.875	10667168	304-68	32.875	10669376	9376	36.875
10669258	9258	27.875	10669169	9169	32.875	10669476	9476	36.875
10669558	9558	27.875	10667268	368-68	32.875	10667078	226-78	37.875
10667060	226-60	28.875	10667368	42-68	32.875	10667178	304-78	37.875
10667160	304-60	28.875	10669269	9269	32.875	10667278	368-78	37.875
10667260	368-60	28.875	10669469	9469	32.875	10667378	42-78	37.875
10667261	368-61	28.545	10669569	9569	32.875	10669178	9178	37.875
10667360	42-60	28.875	10667070	226-70	33.875	10669278	9278	37.875
10667359	42-59	28.545	10667170	304-70	33.875	10669378	9378	37.875
10669160	9160	28.875	10667270	368-70	33.875	10669478	9478	37.875
10669159	9160	28.545	10667370	42-70	33.875	10667080	226-80	38.875
10669260	9260	28.875	10669170	9170	33.875	10667180	304-80	38.875
10669460	9460	28.875	10669370	9370	33.875	10667280	368-80	38.875
10667062	226-62	29.875	10669270	9270	33.875	10667380	42-80	38.875
10667162	304-62	29.875	10669470	9470	33.875	10669180	9180	38.875
10667262	368-62	29.875	10667072	226-72	34.875	10669280	9280	38.875
10667362	42-62	29.875	10667172	304-72	34.875	10669480	9480	38.875
10669162	9162	29.875	10667272	368-72	34.875	10667082	226-82	39.875
10669562	9562	29.875	10669172	9172	34.875	10667182	304-82	39.875
10669262	9262	29.875	10669272	9272	34.875	10667282	368-82	39.875
10667064	226-64	30.875	10667372	42-72	34.875	10667382	42-82	39.875
10667164	304-64	30.875	10669372	9372	34.875	10669182	9182	39.875
10669164	9164	30.875	10669472	9472	34.875	10669282	9282	39.875
10667264	368-64	30.875	10667074	226-74	35.875	10669482	9482	39.875
10669264	9264	30.875	10667174	304-74	35.875	10667084	226-84	40.875
10667364	42-64	30.875	10667274	368-74	35.875	10667184	304-84	40.875
10669364	9364	30.875	10667374	42-74	35.875	10667284	368-84	40.875
10667066	226-66	31.875	10669174	9174	35.875	10667384	42-84	40.875
10667166	304-66	31.875	10669374	9374	35.875	10669184	9184	40.875
10667266	368-66	31.875	10669474	9474	35.875	10669284	9284	40.875
			10669274	9274	35.875	10669384	9384	40.875

**ORDERING TRADITIONAL DOUBLE HUNG REPLACEMENT SASH**

When ordering replacement sash specify:

1. Specify Full Frame or Insert unit
2. Top, bottom or pair of sash;
3. Size (using chart below):
4. Sash exterior color
5. Hardware color;
6. Glazing;
7. Bare wood or white interior.

**Sash Sizes for Traditional Double Hung (ITDH)  
 manufactured 1/16/06 to present  
 Traditional Insert Double Hung (ITIDH)  
 manufactured 12/16/2013 to present  
 Daylight Opening to OM of Sash**

Daylight Width + 3 1/4" = OM Width of Sash  
 Daylight Height + 3 1/4" = OM Height of Sash

*NOTE: Sash is not reglazable*

**Operator Sash**

Width		Height	
Size	OM Width	Size	OM Height
CN22	18 15/16" (481)	CN36	16 15/16" (430)
CN26	22 15/16" (583)	CN40	18 15/16" (481)
CN30	26 15/16" (684)	CN44	20 15/16" (532)
CN32	28 15/16" (735)	CN48	22 15/16" (583)
CN34	30 15/16" (786)	CN52	24 15/16" (633)
CN36	32 15/16" (837)	CN56	26 15/16" (684)
CN38	34 15/16" (888)	CN60	28 15/16" (735)
CN42	38 15/16" (988)	CN64	30 15/16" (786)
CN48	44 15/16" (1141)	CN68	32 15/16" (837)
CN54	54 15/16" (1294)	CN72	34 15/16" (887)
		CN76	36 15/16" (938)

**Picture/Transom Sash**

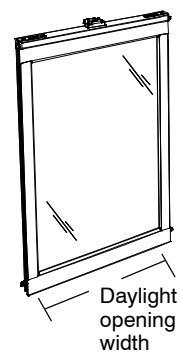
CN22	18 15/16" (481)	CN16	12 15/16" (329)
CN26	22 15/16" (583)	CN24	20 15/16" (532)
CN30	26 15/16" (684)	CN36	32 15/16" (837)
CN32	28 15/16" (735)	CN40	36 15/16" (938)
CN34	30 15/16" (786)	CN44	40 15/16" (1040)
CN36	32 15/16" (837)	CN48	44 15/16" (1141)
CN38	34 15/16" (888)	CN52	48 15/16" (1243)
CN42	38 15/16" (988)	CN56	52 15/16" (1345)
CN48	44 15/16" (1141)	CN60	56 15/16" (1446)
CN50	46 15/16" (1192)	CN64	60 15/16" (1548)
CN54	50 15/16" (1294)	CN68	64 15/16" (1649)
CN62	58 15/16" (1497)	CN72	68 15/16" (1751)
		CN76	72 15/16" (1853)

**NOTE:** Traditional Double Hung replacement sash is supplied with weather strip and hardware. Daylight opening is the measurement of visible glass. Double Hung picture replacement sash includes attached sill filler.

**Top Sash Interior View**



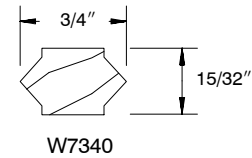
**Bottom Sash Interior View**



**ORDERING REPLACEMENT GRILLES**

When ordering replacement grilles specify:

1. Call number (using chart below);
2. Bare wood or white interior.



W7340  
 GRILLE END PROFILE

OPERATOR AND STATIONARY							
WIDTH				HEIGHT			
CN	SASH OM	DLO	GRILLE CUT	CN	SASH OM	DLO	GRILLE CUT
CN22	18 15/16" (481)	15 11/16" (398)	2W	CN36	16 15/16" (430)	13 11/16" (348)	2H
CN26	22 15/16" (583)	19 11/16" (500)	3W	CN40	18 15/16" (481)	15 11/16" (398)	2H
CN30	26 15/16" (684)	23 11/16" (602)	3W	CN44	20 15/16" (532)	17 11/16" (449)	2H
CN32	28 15/16" (735)	25 11/16" (652)	3W	CN48	22 15/16" (583)	19 11/16" (500)	2H
CN34	30 15/16" (786)	27 11/16" (703)	3W	CN52	24 15/16" (633)	21 11/16" (551)	2H
CN36	32 15/16" (837)	29 11/16" (754)	3W	CN56	26 15/16" (684)	23 11/16" (602)	2H
CN38	34 15/16" (888)	31 11/16" (805)	4W	CN60	28 15/16" (735)	25 11/16" (652)	2H
CN42	38 15/16" (988)	35 11/16" (906)	4W	CN64	30 15/16" (786)	27 11/16" (703)	2H
CN48	44 15/16" (1141)	41 11/16" (1059)	4W	CN68	32 15/16" (837)	29 11/16" (754)	2H
CN54	50 15/16" (1294)	47 11/16" (1211)	5W	CN72	34 15/16" (887)	31 11/16" (805)	3H
				CN76	36 15/16" (938)	33 11/16" (856)	3H

PICTURE AND TRANSOM							
WIDTH				HEIGHT			
CN	SASH OM	DLO	GRILLE CUT	CN	SASH OM	DLO	GRILLE CUT
CN22	18 15/16" (481)	15 11/16" (398)	2W	CN16	12 15/16" (481)	9 11/16" (246)	1H
CN26	22 15/16" (583)	19 11/16" (500)	3W	CN24	20 15/16" (532)	17 11/16" (449)	2H
CN30	26 15/16" (684)	23 11/16" (602)	3W	CN36	32 15/16" (837)	29 11/16" (754)	4H
CN32	28 15/16" (735)	25 11/16" (652)	3W	CN40	36 15/16" (938)	33 11/16" (856)	4H
CN34	30 15/16" (786)	27 11/16" (703)	3W	CN44	40 15/16" (1040)	37 11/16" (957)	4H
CN36	32 15/16" (837)	29 11/16" (754)	3W	CN48	44 15/16" (1141)	41 11/16" (1059)	4H
CN38	34 15/16" (888)	31 11/16" (805)	4W	CN52	48 15/16" (1243)	45 11/16" (1160)	4H
CN42	38 15/16" (988)	35 11/16" (906)	4W	CN56	52 15/16" (1345)	49 11/16" (1262)	4H
CN48	48 15/16" (1141)	41 11/16" (1059)	4W	CN60	56 15/16" (1446)	53 11/16" (1364)	4H
CN50	46 15/16" (1192)	43 11/16" (1110)	5W	CN64	60 15/16" (1548)	57 11/16" (1465)	4H
CN54	50 15/16" (1294)	47 11/16" (1211)	5W	CN68	64 15/16" (1649)	61 11/16" (1567)	5H
CN62	58 15/16" (1497)	55 11/16" (1414)	6W	CN72	68 15/16" (1781)	65 11/16" (1665)	6H
				CN76	72 15/16" (1833)	69 11/16" (1770)	6H

**ORDERING REPLACEMENT SCREENS FOR INTEGRITY TRADITIONAL DOUBLE HUNG**

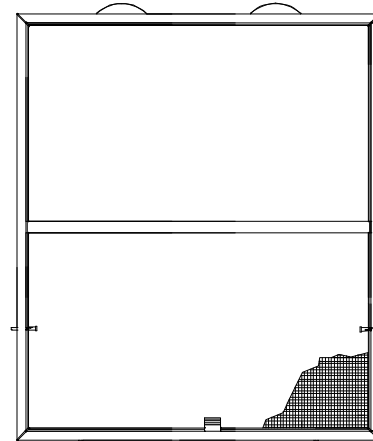
Screens are standard with a white or pebble gray aluminum surround and charcoal colored fiberglass 18x16 screen mesh. Determine the outside measurement of the existing screen. Find the sizes that correspond to the width and height indicated on the following chart.

When ordering replacement screen specify:

1. Specify Full Frame or Insert unit, also specify full or half screen.
2. Size; – if there is no existing screen from which to obtain the OM of the screen, determine the size of the screen by using the conversion chart below. The daylight opening is the measurement of the visible glass.
3. Color
4. Specify cottage or equal sash when ordering CN68 height.

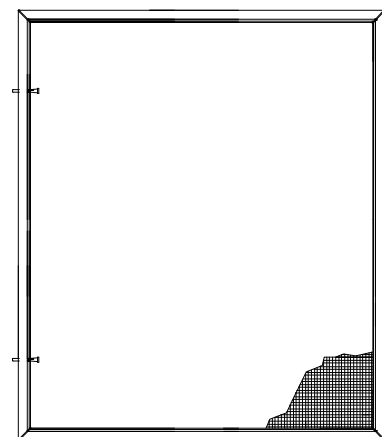
<b>Screen Sizes for Traditional Double Hung (ITDH) manufactured January 2006 to present</b>			
<b>Traditional Insert Double Hung (ITIDH) manufactured 12/16/2013 to present</b>			
<b>Daylight Opening to OM of Screen</b>			
Daylight Width + 3 13/16" (97)= OM Width of Screen			
Daylight Height x 2 + 6 3/4" (171)= OM Height of Full Screen			
Daylight Height + 4 1/32" (102)= OM Height of Half Screen			
<i>NOTE: Screen feature plunger type mounting system.</i>			
<b>Width</b>		<b>Height of Full Screen</b>	
<b>Size</b>	<b>OM Width</b>	<b>Size</b>	<b>OM Height</b>
CN 22	19 1/2" (495)	CN 36	34 1/8" (867)
CN 26	23 1/2" (597)	CN 40	38 1/8" (968)
CN 30	27 1/2" (699)	CN 44	42 1/8" (1070)
CN 32	29 1/2" (749)	CN 48	46 1/8" (1172)
CN 34	31 1/2" (800)	CN 52	50 1/8" (1273)
CN 36	33 1/2" (851)	CN 56	54 1/8" (1375)
CN 38	35 1/2" (902)	CN 60	58 1/8" (1476)
CN 42	39 1/2" (1003)	CN 64	62 1/8" (1578)
CN 48	45 1/2" (1156)	CN 68	66 1/8" (1680)
CN 54	51 1/2" (1308)	CN 72	70 1/8" (1781)
		CN 76	74 1/8" (1863)
<b>Width</b>		<b>Height of Half Screen</b>	
<b>Size</b>	<b>OM Width</b>	<b>Size</b>	<b>OM Height</b>
CN 22	19 1/2" (495)	CN 36	17 23/32" (450)
CN 26	23 1/2" (597)	CN 40	19 23/32" (501)
CN 30	27 1/2" (699)	CN 44	21 23/32" (552)
CN 32	29 1/2" (749)	CN 48	23 23/32" (602)
CN 34	31 1/2" (800)	CN 52	25 23/32" (653)
CN 36	33 1/2" (851)	CN 56	27 23/32" (704)
CN 38	35 1/2" (902)	CN 60	29 23/32" (755)
CN 42	39 1/2" (1003)	CN 64	31 23/32" (806)
CN 48	45 1/2" (1156)	CN 68	33 23/32" (856)
CN 54	51 1/2" (1308)	CN 72	35 23/32" (907)
		CN 76	37 23/32" (958)

**NOTE:** Measure top and bottom sash separately when calculating screen OM height. CN36 and CN40 screens do not feature cross bars.

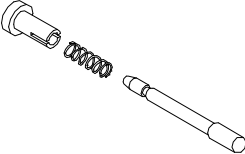
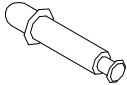
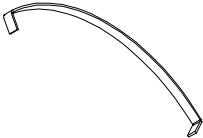




**NOTE:** OM of screen includes corner keys.

**NOTE:** Half screens do not feature cross bars.



**REPLACEMENT PARTS FOR SCREENS FOR INTEGRITY TRADITIONAL DOUBLE HUNG**

ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
	<p><b>Plunger and Spring Assembly-M060</b>  <i>Includes:</i>                      1 - Plunger bolt                      1 - Plunger bolt cap                      1 - Plunger bolt spring</p>	<p>Clear Cap                      Off White Bolt</p>	<p>11900896</p>
	<p><b>Stationary Screen Pin</b>                      Usage: 1/2006-2/25/2013</p>	<p>Clear</p>	<p>11867852</p>
	<p><b>Leaf Spring</b>                      Usage: 2/26/2013 - Present</p>	<p>SS</p>	<p>11900897</p>
	<p><b>Flat Grille Bumper</b></p>	<p>Clear</p>	<p>11860561</p>
	<p><b>Half Screen, Pile Weather Strip</b></p>	<p>BK</p>	<p>15619699</p>