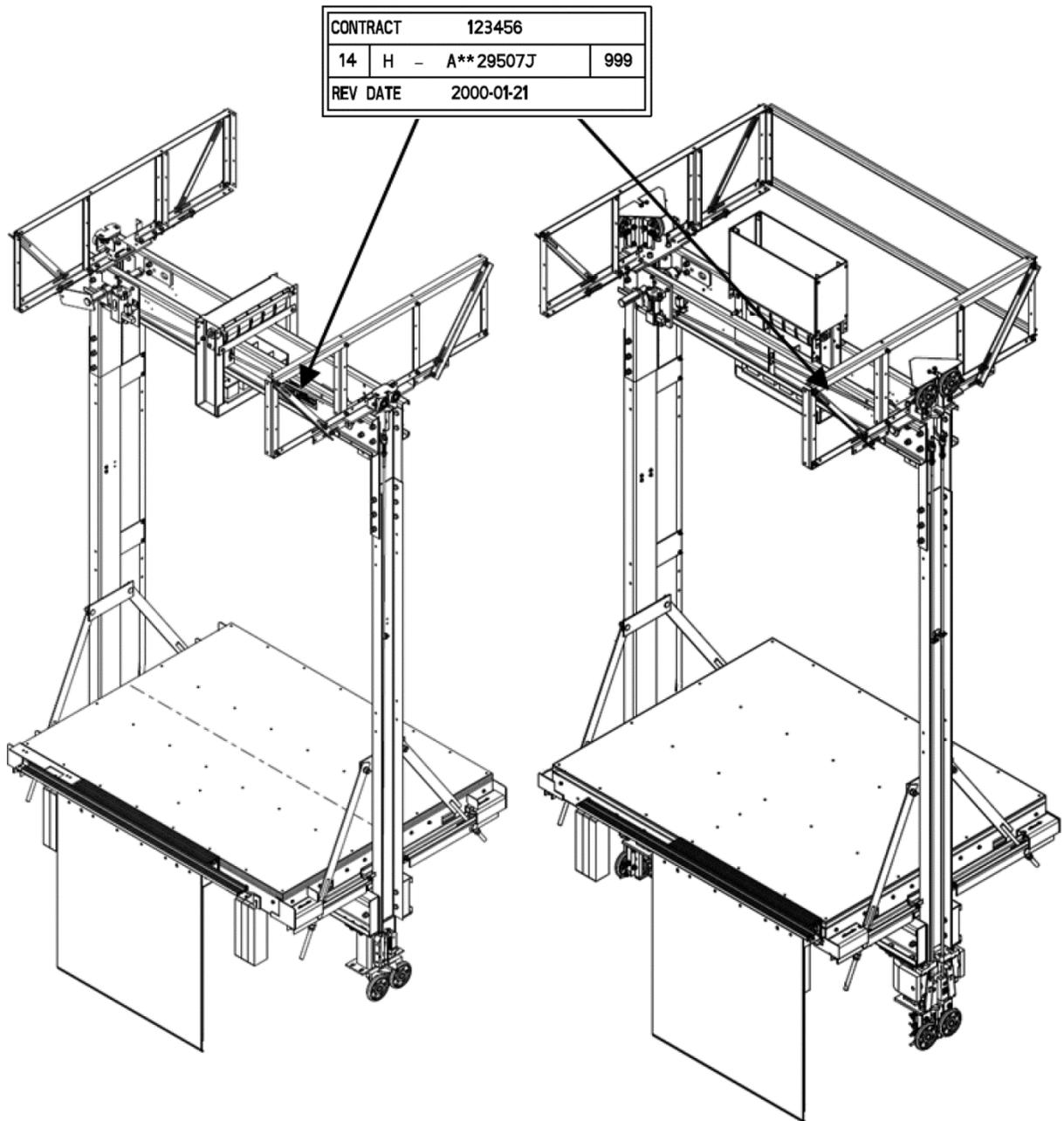


Gen2[®] Overslung Carframe Assembly

Spare Parts Leaflet

14-AAA29507J

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This document does not contain any
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SERVICE ENGINEERING

Otis Elevator Company

Bloomfield, Connecticut USA

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Leaflet Description

This leaflet describes the lowest replaceable parts for the AAA29507J carframe used on the Gen2® Overslung System.

Leaflet Revisions

Date Revised	Subject Matter Expert	Reason for Revision
April 9, 2014	Richard Blakelock and Kyle Pereira	New SPL
April 30, 2014	Richard Blakelock and Kyle Pereira	Corrected history page
February 25, 2015	Kyle Pereira	Updated p. 5 with ABA vintage information
February 14, 2018	Juan Murillo	Corrected the Related Documents list

Related Drawings

Drawing No.	Title	Drawing No.	Title
AAA29507J	Hardware Kits, G2O SS7	AAA24220AD	Arrangement and Assembly; Gen2 Platform
AAA24120BE	Safety Subassembly, Gen2 Carframe	AAA24240G	Platform Sound Insulation, Space Assembly
AAA24150P	Crosshead Sub-Assembly Gen2 Carframe	ABA29507J	Hardware Kits, G2O SS7

Related Documents

Document ID	Title
SPL 14-AAA24180AW	<i>Roller Guide Car and Counterweight, 76 mm (3 in.) Diameter</i>
SPL 14-AAA24180AX	<i>Roller Guide Car and Counterweight, 160 mm (6.30 in.) Diameter</i>
SPL 14-KAA24180AAA	<i>Roller Guide, 160 mm Diameter</i>
SPL 14-AAA24180AV	<i>Roller Guide, 200 mm Diameter</i>
SPL 17-AAA24240G	<i>Platform Sound Insulation, Spacer Assembly</i>
SPL 14-KAA24120AAJ	<i>PS45A Progressive Safety ASME A17.1 Applications</i>
SPL 14-JAA24123AAJ	<i>Safety Assembly, 5C</i>
SPL 14-JAA24123AAK	<i>Safety Assembly, 8C</i>

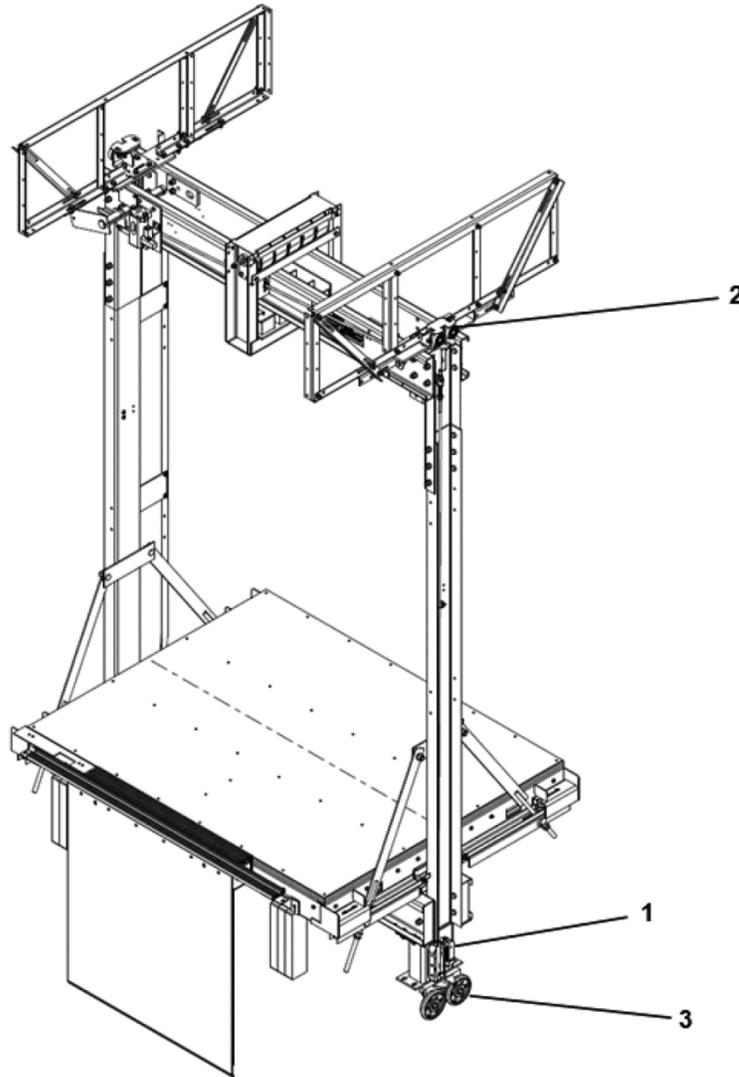
Subject Matter Expert

Name	Department
Juan Murillo	OSC Service Engineering

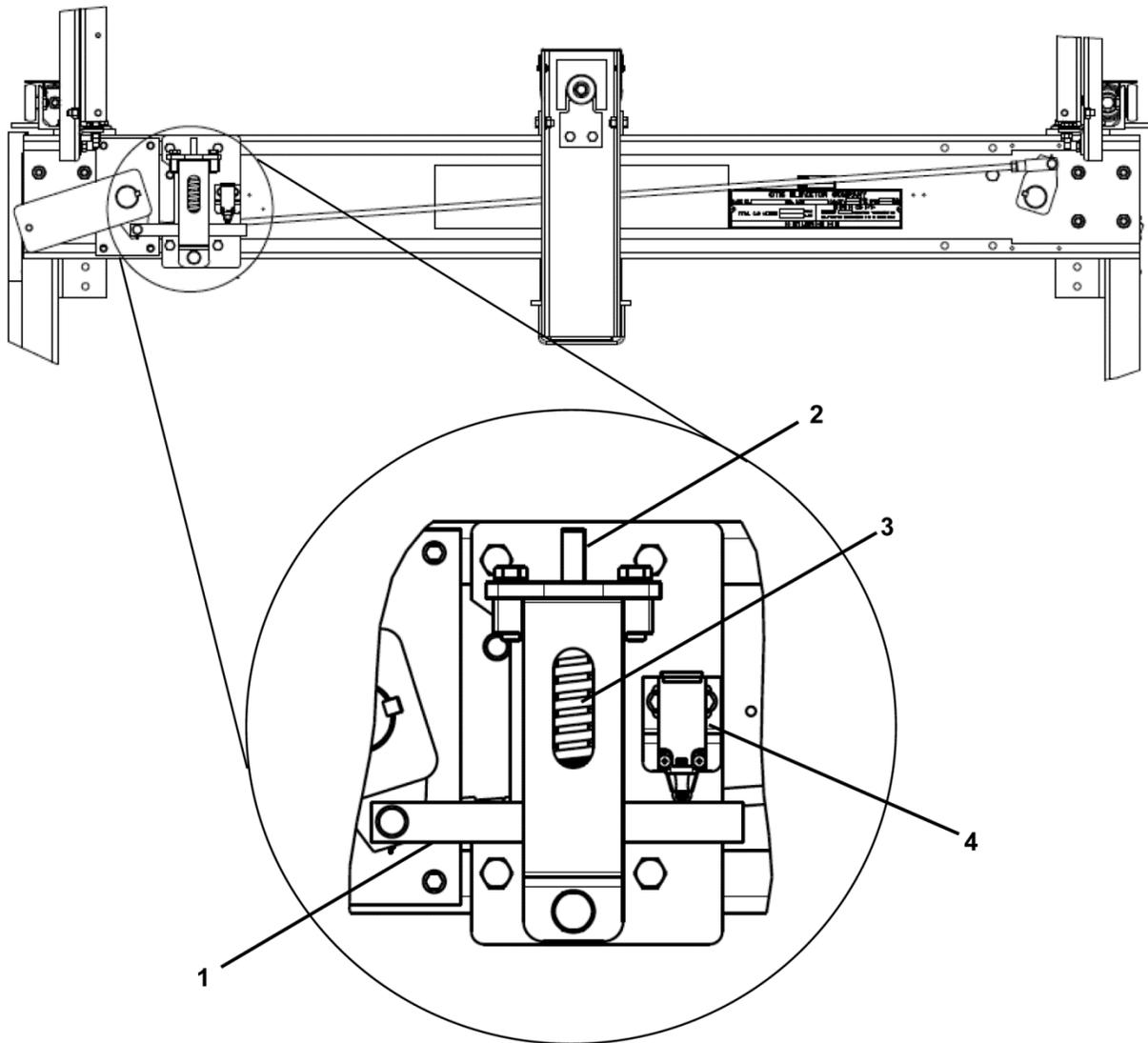
This document lists the lowest replaceable units (LRUs) for the standard version of the product. The LRUs are chosen by a team of Otis associates representing engineering and manufacturing.

While goal of this document is to make parts identification as easy as possible, the document cannot be all-inclusive. Elevator and escalator contracts classified as “special” or “custom” are not addressed here. For such contracts, please refer to specified information, the contract folder, TIPs, Field Education Articles, Construction Letters, etc. for further information.

If you have any suggestions about this document, please contact the subject matter expert listed on this page.



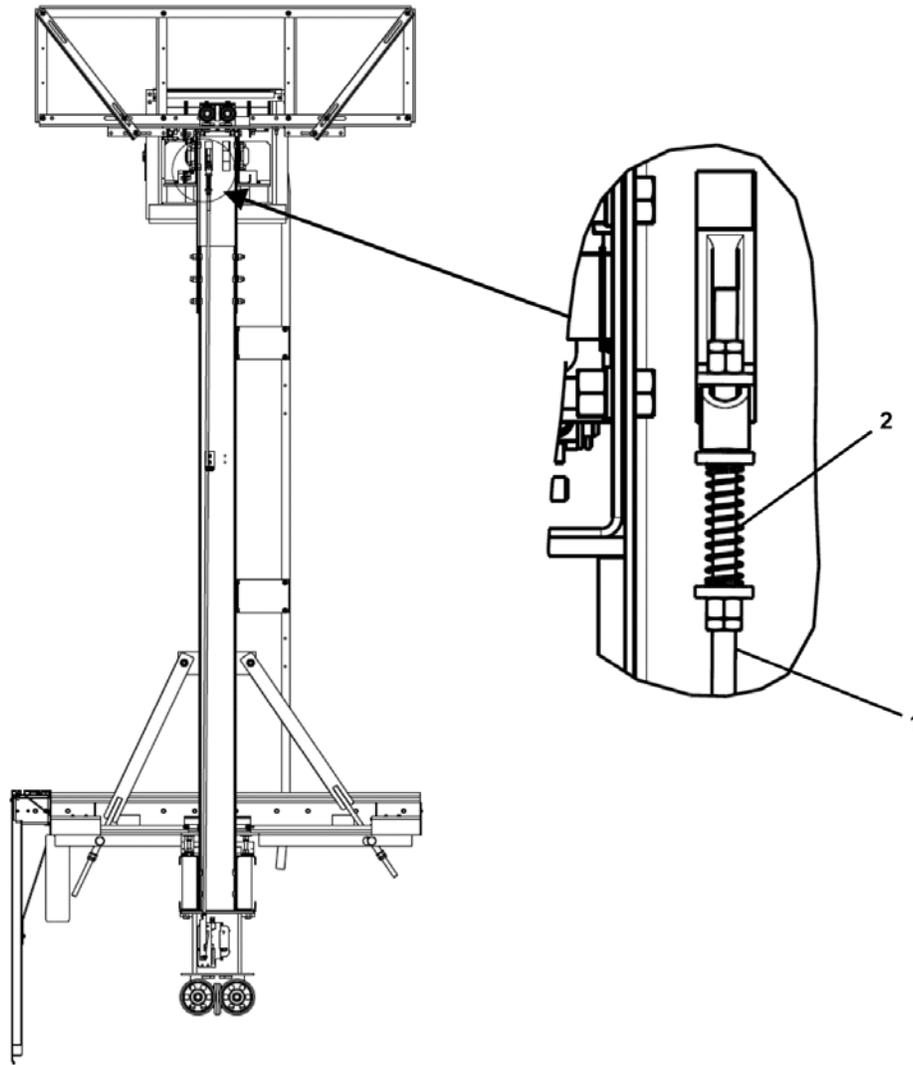
REF. No.	PART No.	DESCRIPTION
	AAA29507J	
1	---	Assembly, Safety, PS45A, See SPL 14-KAA24120AAJ
	---	Assembly, Safety, 5C, See SPL 14-JAA24123AAJ
	---	Assembly, Safety, 8C, See SPL 14-KAA24123AAK
	---	Assembly, Safety, 12C (C7072A), See SPL 14-AAA24120F
2	---	Roller Guide, Fixed, 76 mm, See SPL 14-AAA24180AW
	---	Roller Guide, Sprung, 160 mm, See SPL 14-KAA24180AAA
	---	Roller Guide, Sprung, 200 mm, See SPL 14-AAA24180AV
3	---	Roller Guide, Fixed, 160 mm, See SPL 14-AAA24180AX
	---	Roller Guide, Sprung, 160 mm, See SPL 14-KAA24180AAA
	---	Roller Guide, Sprung, 200 mm, See SPL 14-AAA24180AV



REF. No.	PART No.	DESCRIPTION
	AAA29507J	
1	AAA331DP7	Catch
2	AAA81NM1	Pin
3	AAA90EY4	Spring
4	AAA661D5	Switch, Safety Operated Switch (SOS)

Safety Lift Rod

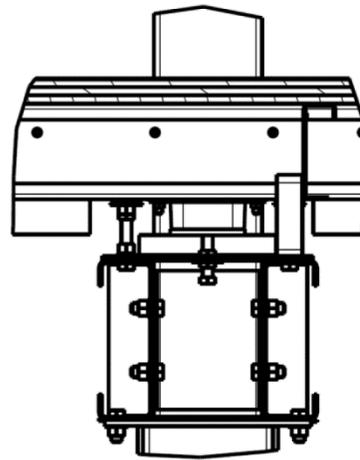
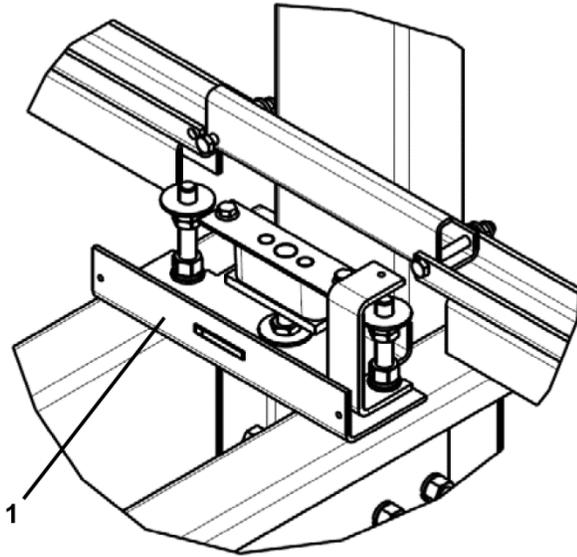
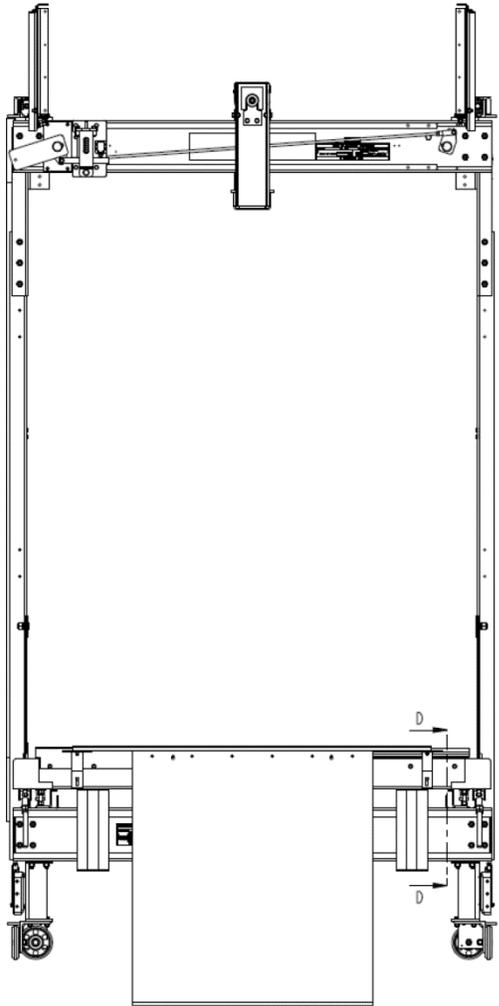
14-AAA29507J



REF. No.	PART No.	Safety Type	Length (in.)	DESCRIPTION
	AAA29507J	ABA29507J		
1	AAA96AAA53	---	136	Rod, Lift (cab height = 8'-0")
	---	AAA96AAA71	137	
	AAA96AAA54	---	155	Rod, Lift (cab height = 9'-7")
	---	AAA96AAA72	156	
	AAA96AAA55	---	160	Rod, Lift (cab height = 10'-0")
	---	AAA96AAA73	161	
	AAA96AAA23	5C, 8C, 12C	143	Rod, Lift (cab height = 8'-0")
	AAA96AAA24		162	Rod, Lift (cab height = 9'-7")
	AAA96AAA25		167	Rod, Lift (cab height = 10'-0")
2	90JB10	---	---	Spring, 2.5 in. Long, 11/16 in. dia.

14-AAA29507J

Load Cell Assembly

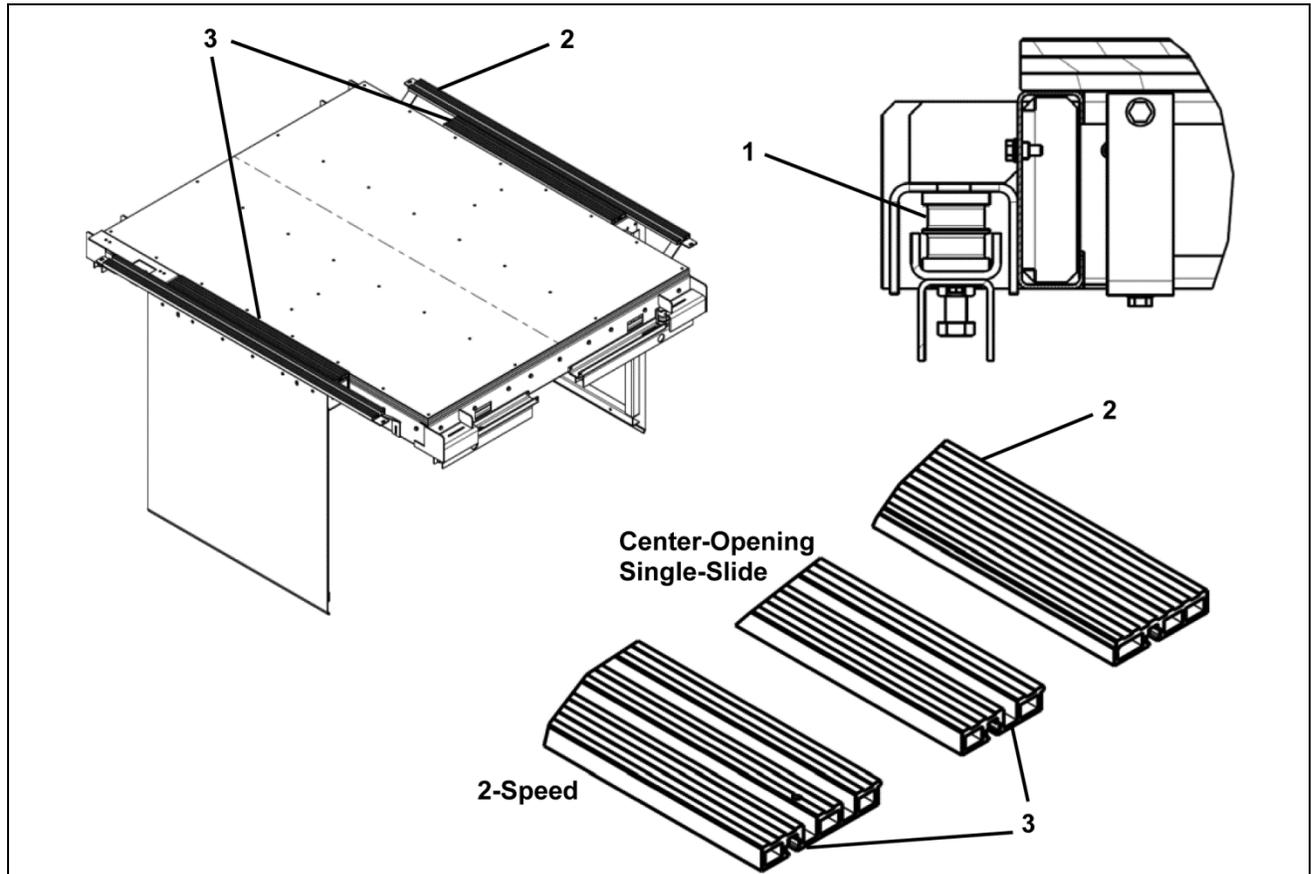


Section D - D

REF. No.	PART No.	DESCRIPTION
1	AAA29507J ---	Assembly, w/ Belt Load Weighing, See SPL 17-AAA24240G

Threshold Plates and Sound Isolation Pads

14-AAA29507J



REF. No.	PART No.	OPENING WIDTH	MATERIAL	DESCRIPTION
	AAA29507J			
1	AAA321GH5	---	---	Pad, Sound Isolation
2	AAA280BP1	36 in. (914 mm)	Aluminum	Threshold Extensions
	AAA280BP2	42 in. (1067 mm)		
	AAA280BP3	48 in. (1219 mm)		
	AAA280BP4	54 in. (1372 mm)		
	AAA280BR1	36 in. (914 mm)	Bronze	
	AAA280BR2	42 in. (1067 mm)		
	AAA280BR3	48 in. (1219 mm)		
	AAA280BR4	54 in. (1372 mm)		
	AAA280BQ1	36 in. (914 mm)	Nickel Silver	
	AAA280BQ2	42 in. (1067 mm)		
	AAA280BQ3	48 in. (1219 mm)		
	AAA280BQ4	54 in. (1372 mm)		

(Continued on Next Page)

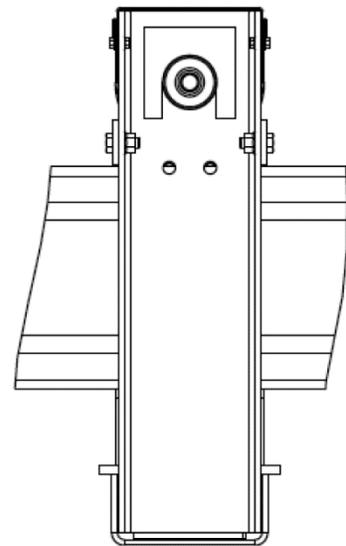
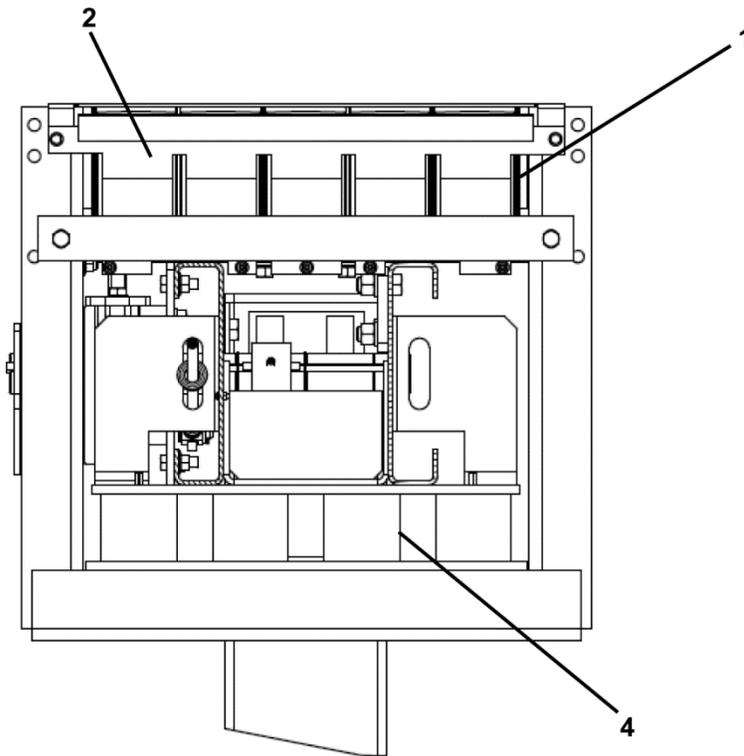
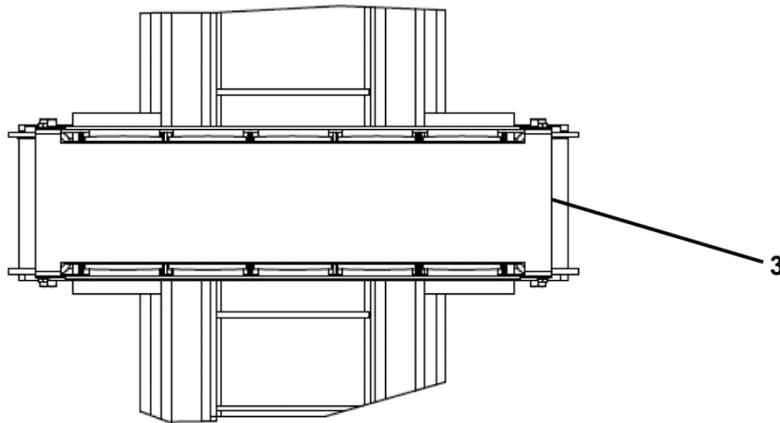
Threshold Plates and Sound Isolation Pads

See illustration on page 7

REF. No.	PART No.	OPENING WIDTH	LENGTH	OPENING TYPE	MATERIAL	DESCRIPTION	
	AAA29507J						
3	AAA280BJ1	42 in. (1067 mm)	67.34 in. (1711 mm)	C/O	Aluminum	Threshold	
	AAA280BJ3	48 in. (1219 mm)	76.32 in. (1939 mm)				
	AAA280BJ5	36 in. (914 mm)	59.49 in. (1511 mm)	S/S			
	AAA280BJ8	42 in. (1067 mm)	68.52 in. (1741 mm)				
	AAA280BJ11	48 in. (1219 mm)	65.50 in. (1664 mm)	2/S			
	AAA280BJ14	54 in. (1372 mm)	73.03 in (1855 mm)				
	AAA280BJ18	N/A	76.32 in. (1939 mm)	CO or S/S			Shape, Threshold, No Holes/Slots
	AAA280BJ22		73.03 in (1855 mm)	2/S			
	AAA280BN1	42 in. (1067 mm)	67.34 in.(1711 mm)	C/O	Bronze	Threshold	
	AAA280BN3	48 in. (1219 mm)	76.32 in. (1939 mm)				
	AAA280BN5	36 in. (914 mm)	59.49 in. (1511 mm)	S/S			
	AAA280BN8	42 in. (1067 mm)	68.52 in. (1741 mm)				
	AAA280BN11	48 in. (1219 mm)	65.50 in. (1664 mm)	2/S			
	AAA280BN14	54 in. (1372 mm)	73.03 in (1855 mm)				
	AAA280BN18	N/A	76.32 in. (1939 mm)	C/O or S/S			Shape, Threshold, No Holes/Slots
	AAA280BN22		73.03 in (1855 mm)	2/S			
	AAA280BM1	42 in. (1067 mm)	67.34 in.(1711 mm)	C/O	Nickel Silver	Threshold	
	AAA280BM3	48 in. (1219 mm)	76.32 in. (1939 mm)				
	AAA280BM5	36 in. (914 mm)	59.49 in. (1511 mm)	S/S			
	AAA280BM8	42 in. (1067 mm)	68.52 in. (1741 mm)				
	AAA280BM11	48 in. (1219 mm)	65.50 in. (1664 mm)	2/S			
	AAA280BM14	54 in. (1372 mm)	73.03 in (1855 mm)				
	AAA280BM18	N/A	76.32 in. (1939 mm)	C/O or S/S			Shape, Threshold, No Holes/Slots
	AAA280BM22		73.03 in (1855 mm)	2/S			

2:1 Carframe Hitch

14-AAA29507J



Arrangement for Counterweight at side of car shown

REF. No.	PART No.	DESCRIPTION
	AAA29507J	
1	AAA20780W4	Assembly, Sheave
2	AAA384AMN2	Guard (Bottom)
3	AAA384AMP2	Guard (Top)
4	AAA310VG3	Isolator, Block