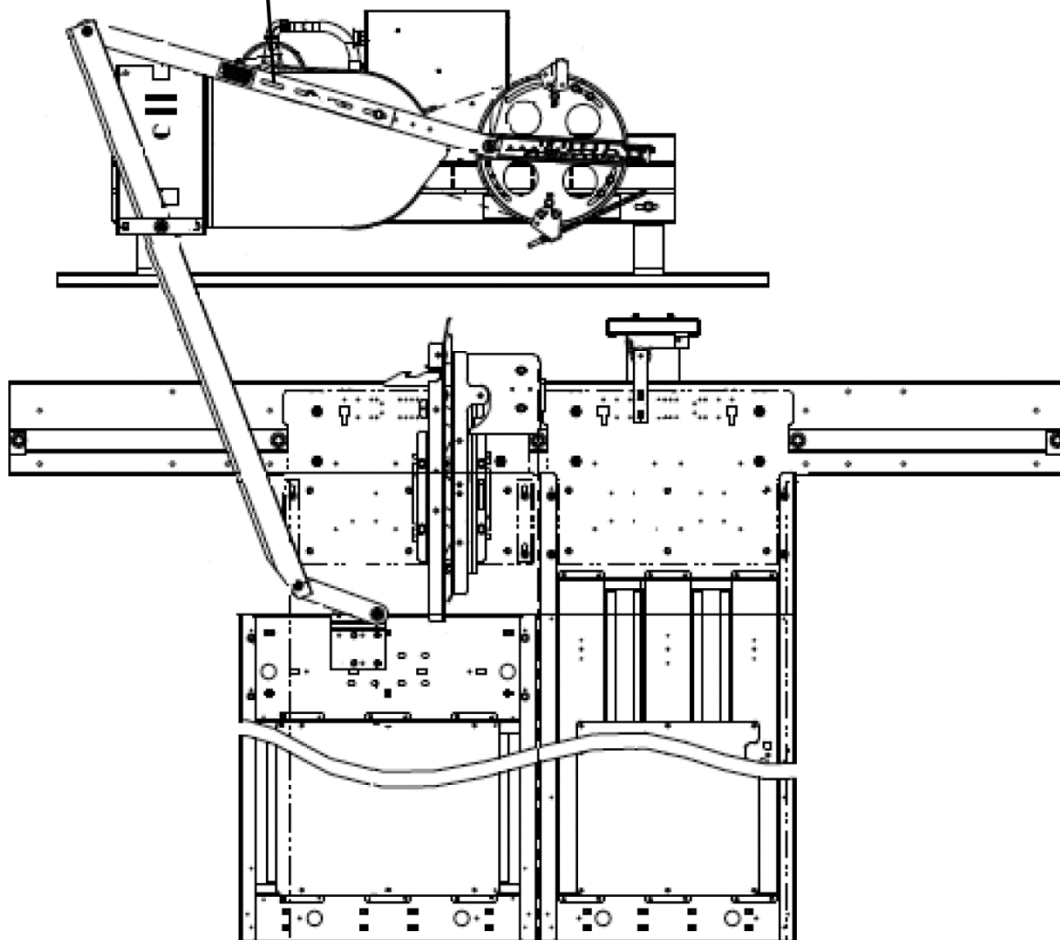


i-MOTION® II Arrangement
and Linkage Assemblies,
High Cab (NG door systems)

Spare Parts Leaflet
23-AAA24470V

November 20, 2019 / Page 1 of 7

23	AAA24450W
23	AAA24460K
23	AAA24470V



OTIS

This document does not contain any
technical data subject to EAR or ITAR

SERVICE ENGINEERING

Otis Elevator Company

Bloomfield, Connecticut USA

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Leaflet Description

This leaflet provides spare parts information for i-MOTION II door operator linkage assemblies for center-opening, single-slide, and two-speed NG door systems.

Leaflet Revisions

Date Revised	Subject Matter Expert	Reason for Revision
December 4, 2013	Brian Regan	New SPL
November 20, 2019	Peter Kelley	Revised history page

Related Drawings

Drawing No.	Title	Drawing No.	Title
AAA24470V	i-MOTION II Linkage Assembly for Center-Opening Doors	AAA24450W	i-MOTION II Linkage Assembly for Single-Slide Doors
AAA24460K	i-MOTION Linkage Assembly for Two-Speed Doors	AAA24350BH	Door Operator i-MOTION II C/O, S/S, 2/S

Related Documents

Document ID	Title
SPL 23-AAA24350BH	Harmonic Drive i-MOTION II Door Operator Engine Unit
SPL 24-AAA24390J	Door Coupler, NG Door System
SPL 19-AAA24600B	Car Door Hanger and Track, NG Door Systems: C/O, S/S, 2/S

Subject Matter Expert

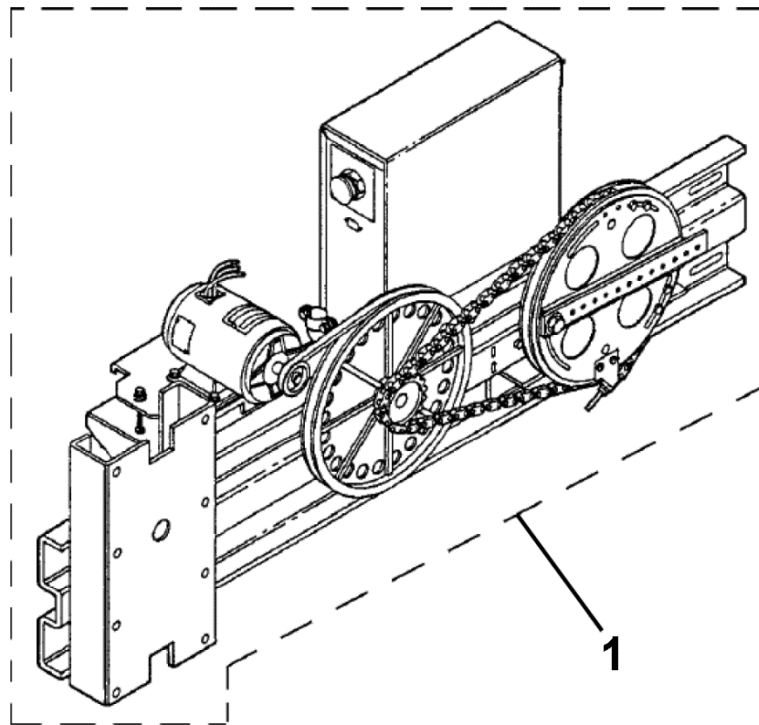
Name	Department
Peter Kelley	OSC Service Engineering









About Spare Parts Leaflets...

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.

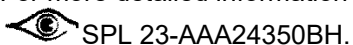
While goal of this document is to make parts identification as easy as possible, the document cannot be all-inclusive. Elevator and escalator contracts classified as "special" or "custom" are not addressed here. For such contracts, please refer to specified information, the contract folder, TIPS, Field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

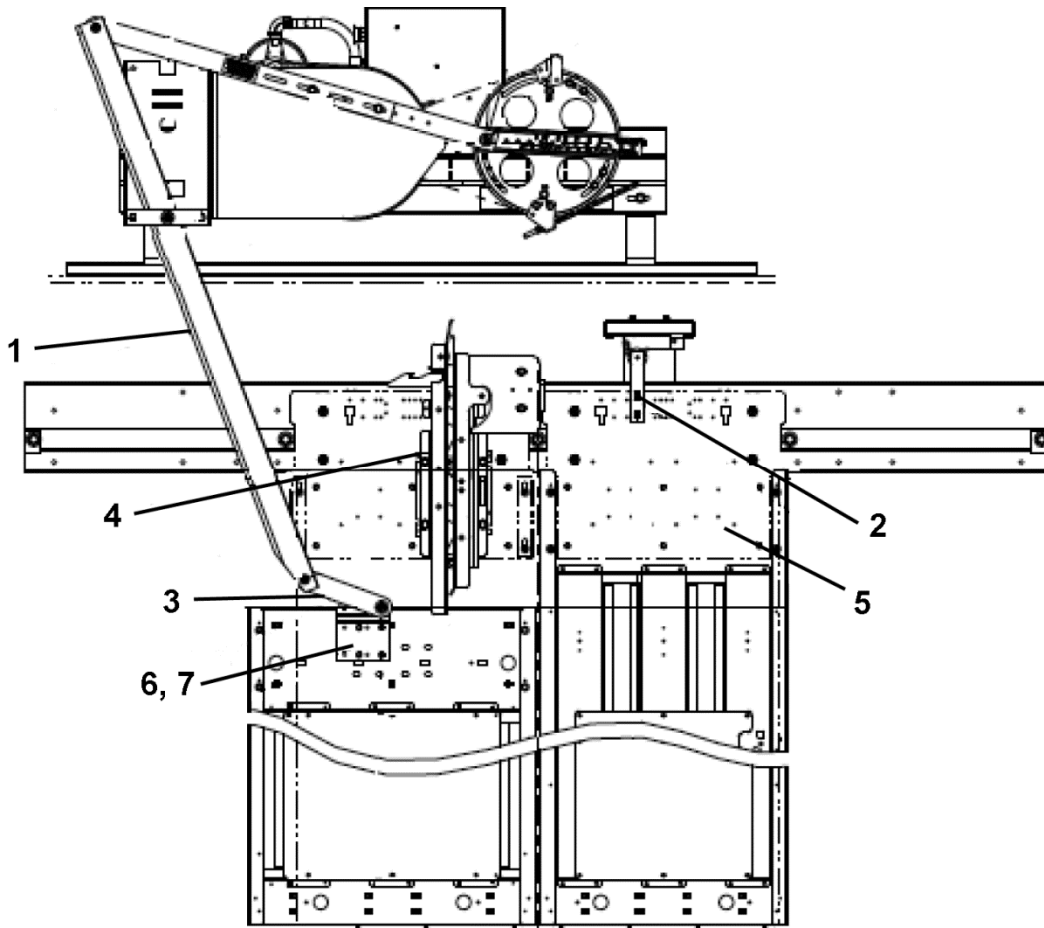
If you have any suggestions about this document, please contact the subject matter expert listed on this page.







REF. No.	PART No.	DESCRIPTION	WIRING	
	AAA24470V	AAA24460K AAA24450W		
1	---	ABA24350BH1 Assembly, Operator Engine,  for 32–42 in. S/S, and 36–55 in. 2/S Doors	Discrete	
	ABA24350BH2	---		Assembly, Operator Engine,  for 36–60 in. C/O Doors
	---	ABA24350BH3 Assembly, Operator Engine,  for 32–42 in. S/S, and 36–55 in. 2/S Doors		
	ABA24350BH4	---		Assembly, Operator Engine,  for 36–60 in. C/O Doors
	---	ABA24350BH5 Assembly, Operator Engine,  for 32–42 in. S/S, and 36–55 in. 2/S Doors	Multi-Drop w/Load-Weighing	
	ABA24350BH6	---		Assembly, Operator Engine,  for 36–60 in. C/O Doors
	---	ABA24350BH7 Assembly, Operator Engine,  for 32–42 in. S/S, and 36–55 in. 2/S Doors		
	ABA24350BH8	---		Assembly, Operator Engine,  for 36–60 in. C/O Doors

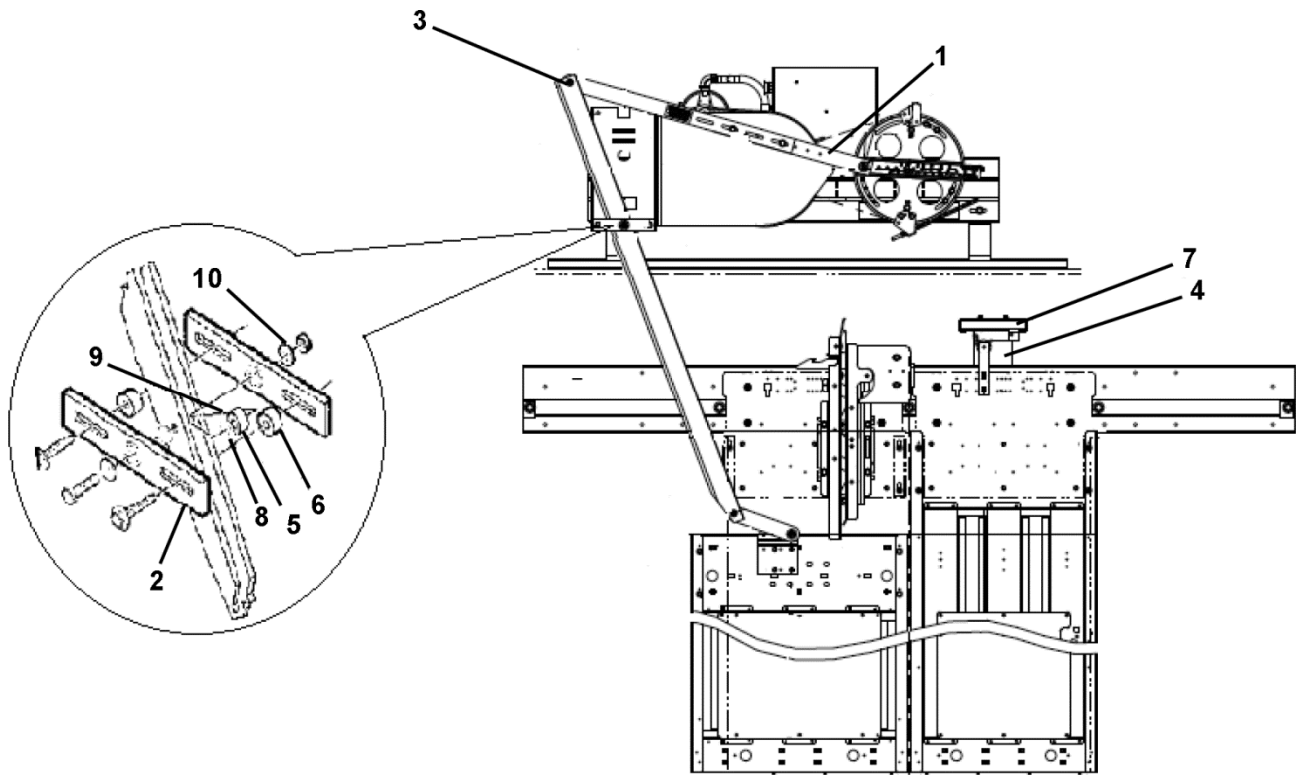
NOTE: For more detailed information on component parts of the engine assembly,



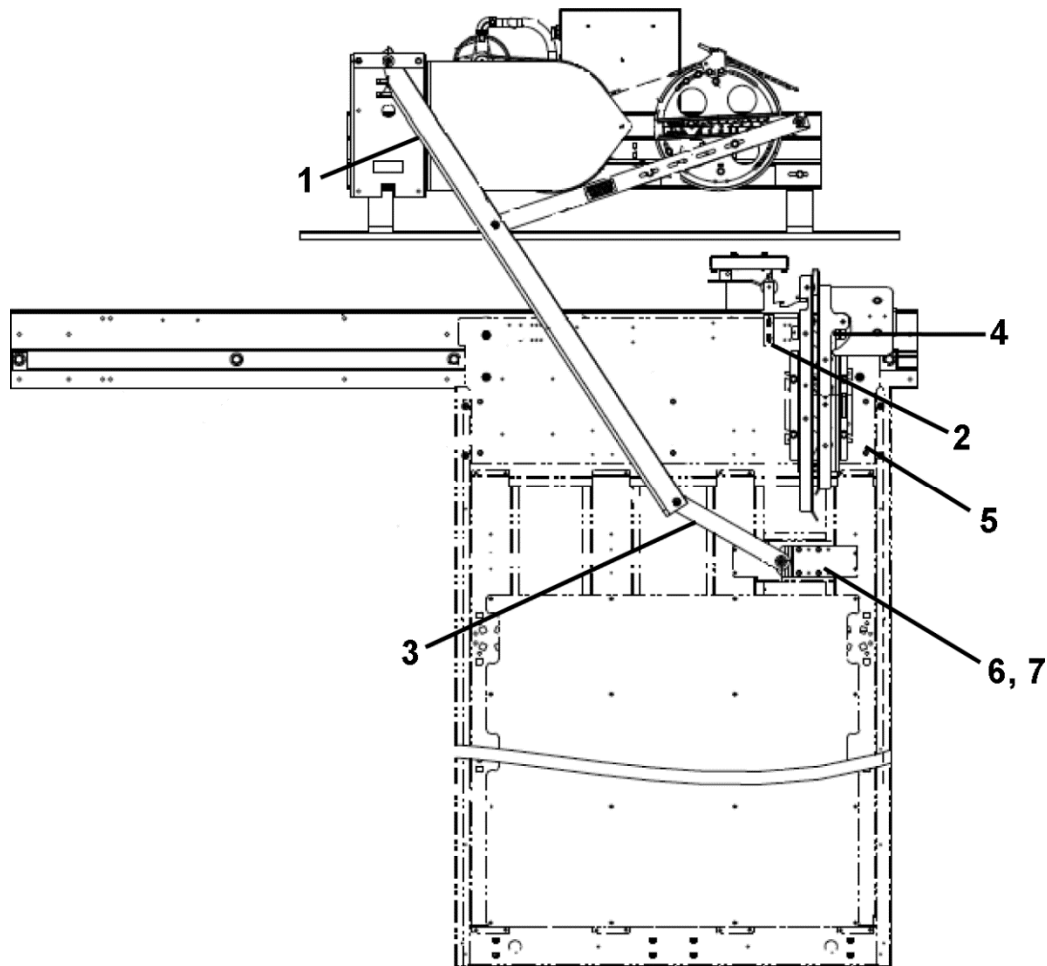




REF. No.	PART No.	DESCRIPTION
	AAA24470V	
1	AAA288ACE9	Arm, Door Drive, Aluminum, 55.15 in. L
2	288RH8	Assembly, Roller Arm, Arm Length = 6.12 in.
3	AAA430GD2	Assembly, Door Link w/Bracket and Bolt,  Link = 8.75 in. L
	AAA430GD3	Assembly, Door Link w/Bracket and Bolt,  Link = 8.75 in. L
4	---	Coupling,  SPL 24-AAA24390J
5	---	Hangers and Tracks,  SPL 19-AAA24600A
6	ISO4017M6X25-8.8Z	Screw, M6 X1 X 20 Whiz Bolt
7	DIN127B-M6-140HV-Z	Washer, M6 Helical Spring Lock

NOTE: References 6 and 7 are not included w/ref. 3. Order 4 of each per each ref. 3 ordered.

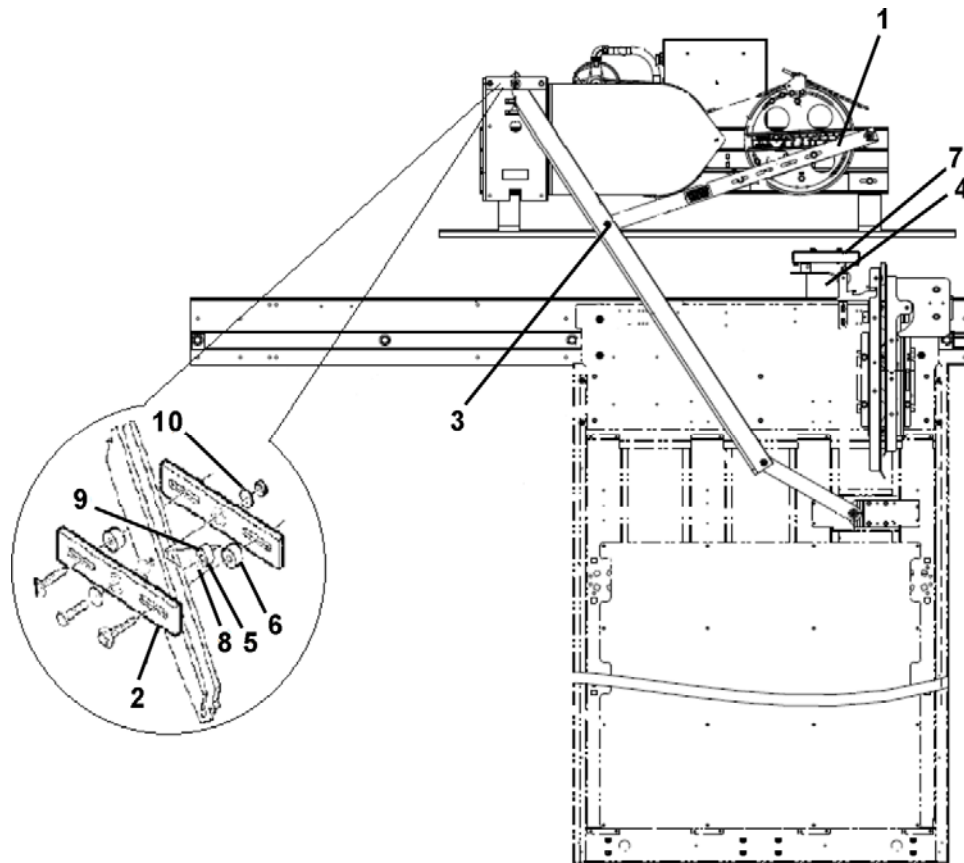


REF. No.	AAA24470V PART No.	DESCRIPTION
1	395F3	Arm, Transmission
2	AAA299ANY4	Bar, Drive Arm Mounting (two per assembly)
3	AAA124HG1	Bolt, Shoulder, Metric M8 x 20
4	AAA316GLW2	Bracket, Gate Switch
5	462HA144	Spacer, Aluminum, $\text{Ø} = 0.42$ in. (one per assembly)
6	462HA145	Spacer, Steel, $\text{Ø} = 0.34$ in. (two per assembly)
7	AAA25590X1	Switch, Gate
8	128AF18	Washer (shim), $\text{Ø} 0.75$ in., 0.016 in. Thick (quantity may vary)
9	ISO7089M10-140HV-Z	Washer, M10, 2 mm Thick
10	ISO7093M8-140HV-Z	Washer, M8



	AAA24450W	AAA24460K	
REF. No.	PART No.		DESCRIPTION
1	AAA288ACE8		Arm, Door Drive, Aluminum, 59.68 in. L
2	288RH8	---	Assembly, Roller Arm, Arm Length = 6.12 in.
	---	288RH22	Assembly, Roller Arm, Arm Length = 6.40 in., Two-Speed Doors only
	288RH20		Assembly, Roller Arm, Arm Length = 9.12 in.
3	AAA430GD1		Assembly, Door Link w/Bracket, RH/LH, Link = 13.75 in. L
4	---		Coupling,  SPL 24-AAA24390J
5	---		Hangers and Tracks,  SPL 19-AAA24600A
6	ISO4017M6X25-8.8Z		Screw, M6 X 1 X 25 Hex Head
7	DIN127B-M6-430HV-Z		Washer, M6 Helical Spring Lock

NOTE: References 6 and 7 are not included w/ref. 3. Order 4 of each per each ref. 3 ordered.



REF. No.	AAA24450W	AAA24460K	DESCRIPTION
1	395F3		Arm, Transmission
2	AAA299ANY4		Bar, Drive Arm Mounting, Two per Assembly
3	AAA124HG1		Bolt, Shoulder, Metric, M8 x 20
4	AAA316GLW2	---	Bracket, Gate Switch, Single-Slide Doors
	---	AAA316GLW4	Bracket, Gate Switch, Two-Speed Doors
5	462HA144		Spacer, Aluminum, $\varnothing = 0.42$ in., One per Assembly
6	462HA145		Spacer, Steel, $\varnothing = 0.34$ in. Two per Assembly
7	AAA25590X1		Switch, Gate
8	128AF18		Washer (shim), $\varnothing = 0.75$ in., 0.016 in. Thick (quantity may vary)
9	ISO7089M10-140HV-Z		Washer, M10, 2 mm Thick
10	ISO7093M8-140HV-Z		Washer, M8