

# Safety Test Box

**Spare Parts Leaflet**

**10-AAA27PQ**

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**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

The leaflet provides spare part information for AAA27PQ safety test box assembly. This assembly was developed to increase safety and ease certain processes while installing, adjusting and testing a variety of equipment that utilizes the EIP connector with specific safety signals. The overall design and functionality will reduce the number of times that a lock out and tag out process is required, as well as reduce potential improper placement of jumpers during initial turnover testing and when conducting CAT1 and CAT5 procedures (TIP 41.1-119).

## Leaflet Revisions

Date Revised	Subject Matter Expert	Reason for Revision
December 15, 2025	Vy Do	New SPL

## Related Drawings

Drawing No.	Title	Drawing No.	Title
AAA27PQ	Safety Test Box		
AAB21310BJ	Gen3Core Electrical Diagram		

## Related Documents

Document ID	Title
TIP 41.1-119	<i>Safety Test Box Functions and Use</i>

## Subject Matter Expert

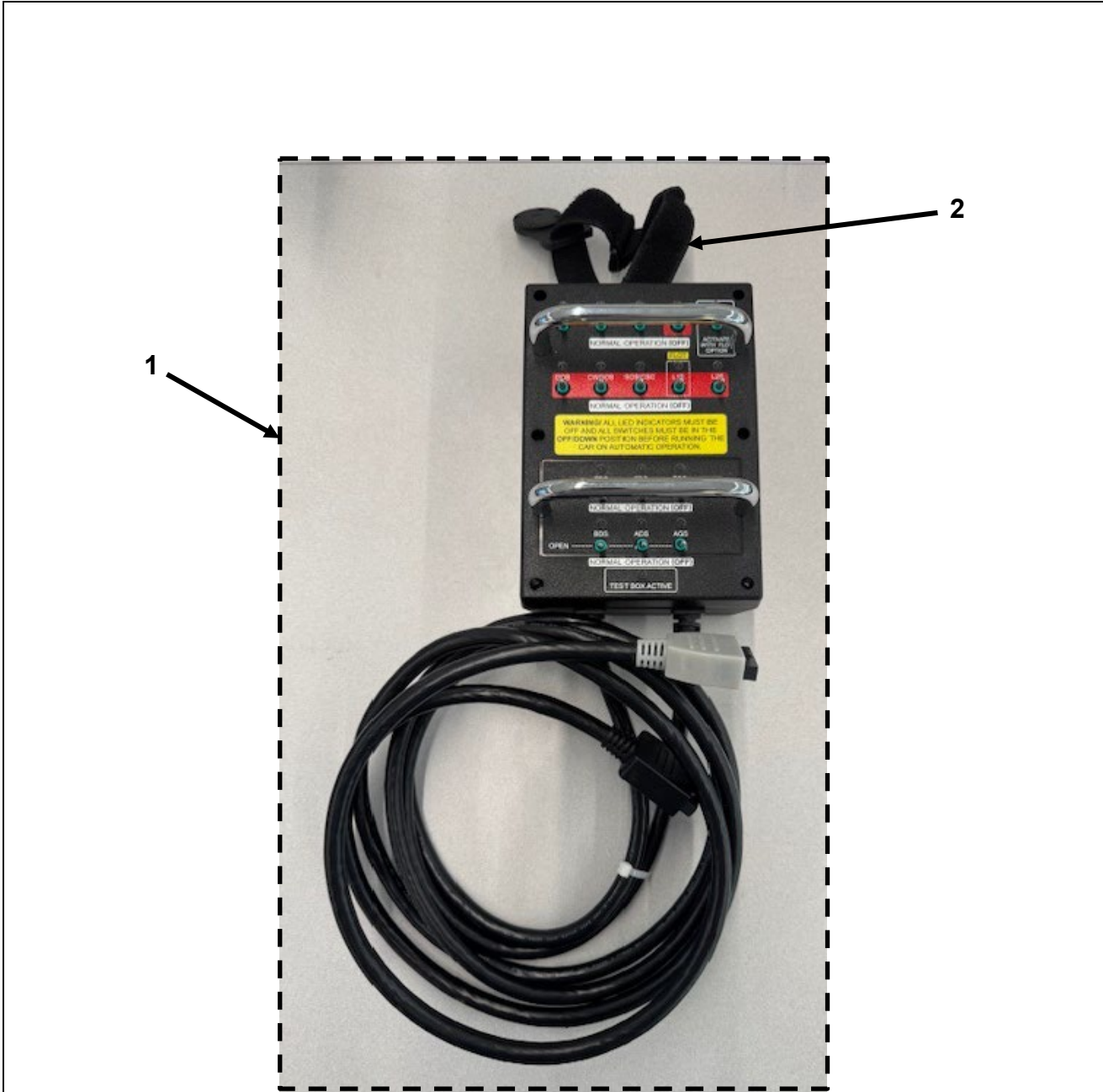
Name	Department
Jeff Engholm	National Field Engineer / NHQ / Service Engineering

## About Spare Parts Leaflets...

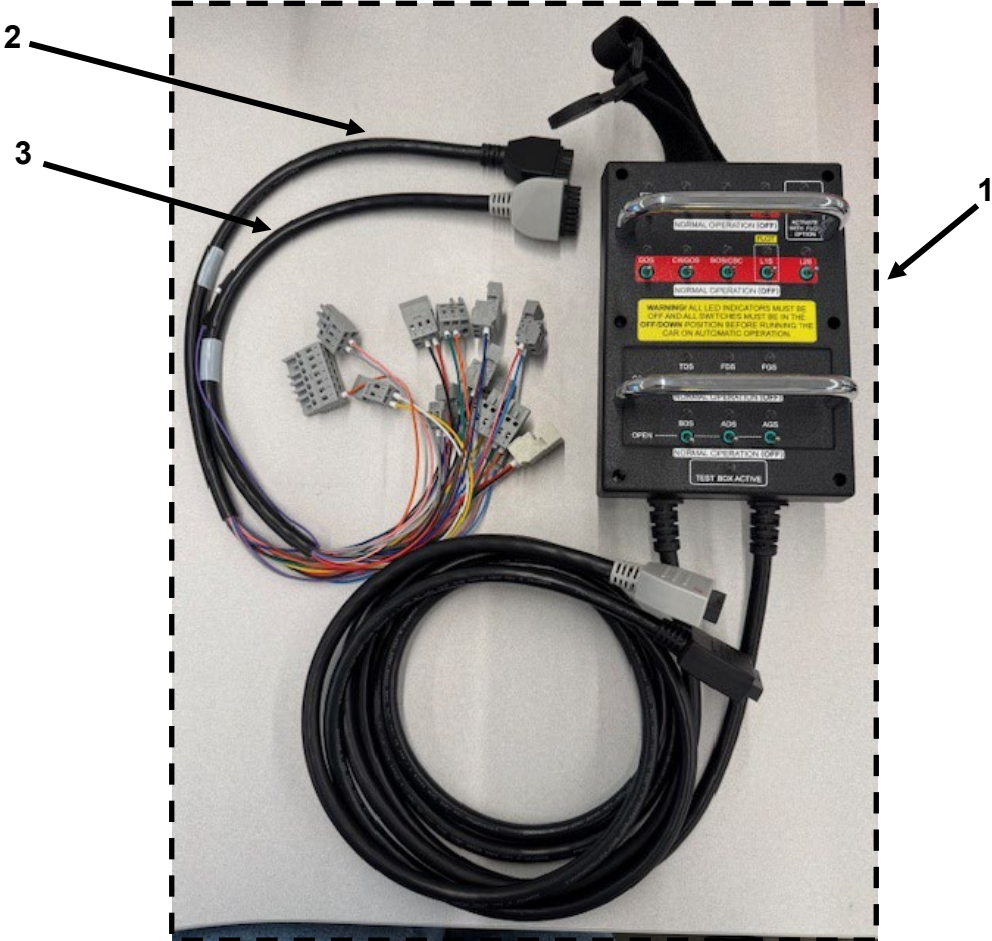
This document lists the lowest replaceable units (LRUs) for the standard version of the product. The LRUs are chosen by a team of Otis associates representing engineering and manufacturing.

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.

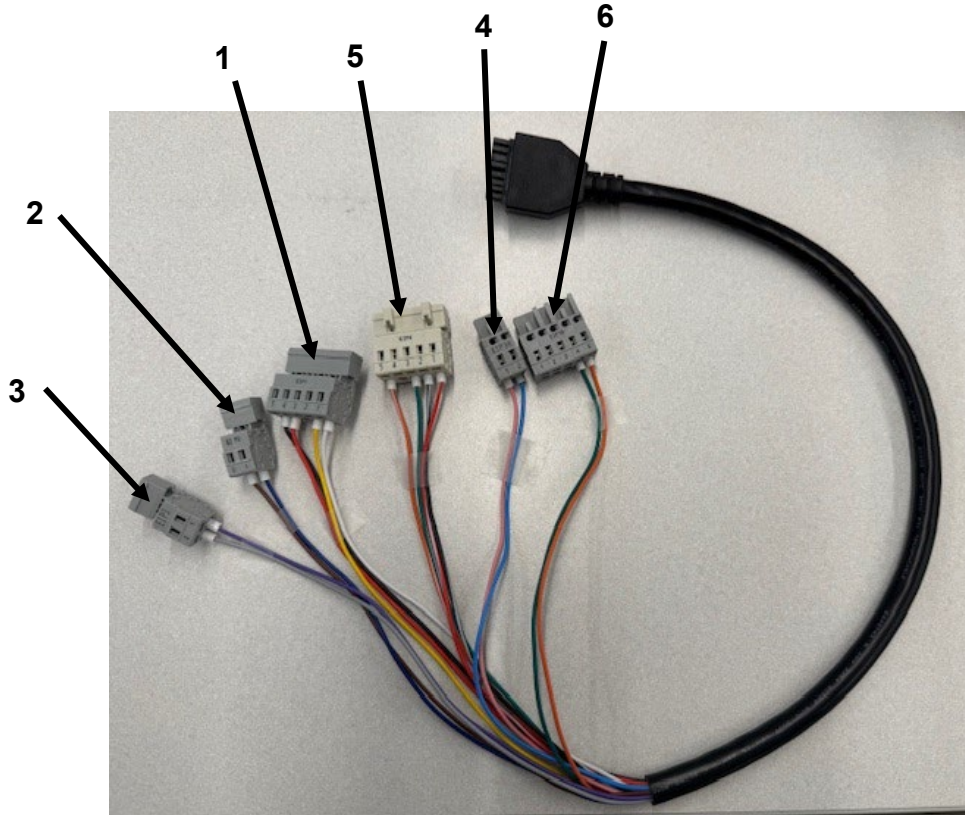
If you have any suggestions about this document, please contact the subject matter expert listed on this page.



REF. No.	PART No.	DESCRIPTION
1	AAA27PQ1	Safety Test Box
2	MT-122200-4	Strap, Magnetic

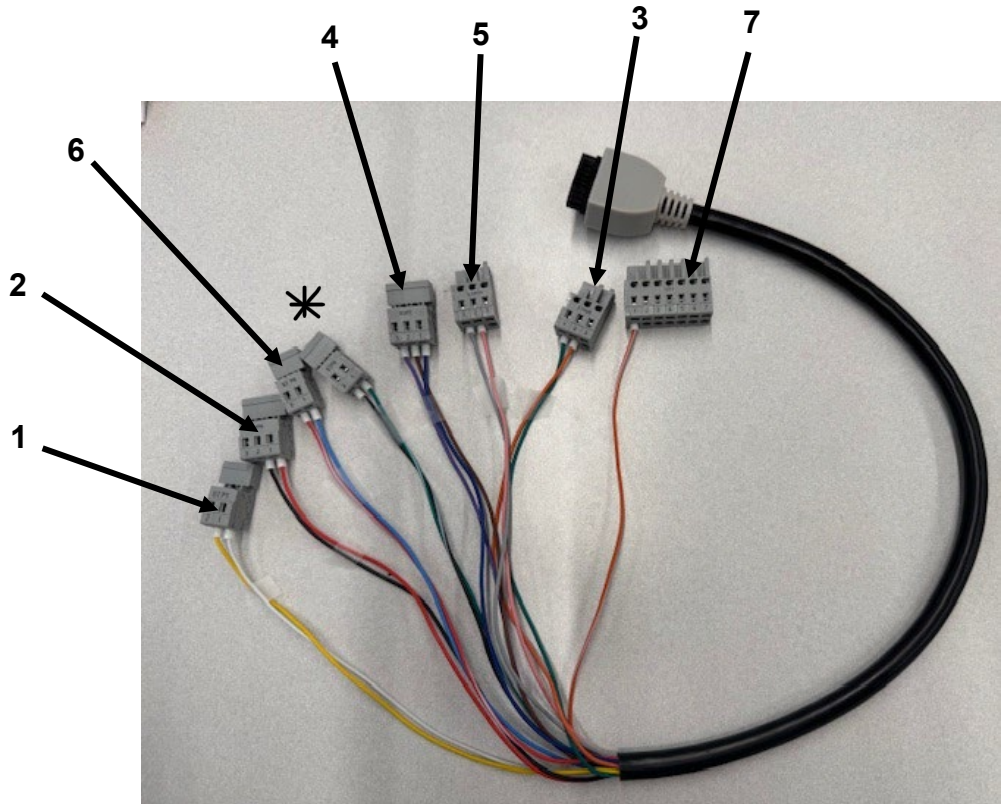


	<b>AAA27PQ</b>	
<b>REF. No.</b>	<b>PART No.</b>	<b>DESCRIPTION</b>
1	AAA27PQ2	Safety Test Box, Includes AAA27PQ1 + AAA174CGS5 + AAA174CGS6
2	AAA174CGS5	Overmold Adapter, 16-Pin, Black, for Gen3 Core
3	AAA174CGS6	Overmold Adapter, 18-Pin, Gray, for Gen3 Core



AAA176CGS5

<b>AAA27PQ</b>		
<b>REF. No.</b>	<b>PART No.</b>	<b>DESCRIPTION</b>
1	AAA447BE191	Connector, EIP1
2	AAA447BE195	Connector, EIP1A
3	AAA447BE192	Connector, EIP2
4	AAA447BE196	Connector, EIP3
5	AAA447BE197	Connector, EIP3A
6	AAA447BE190	Connector, EIP4



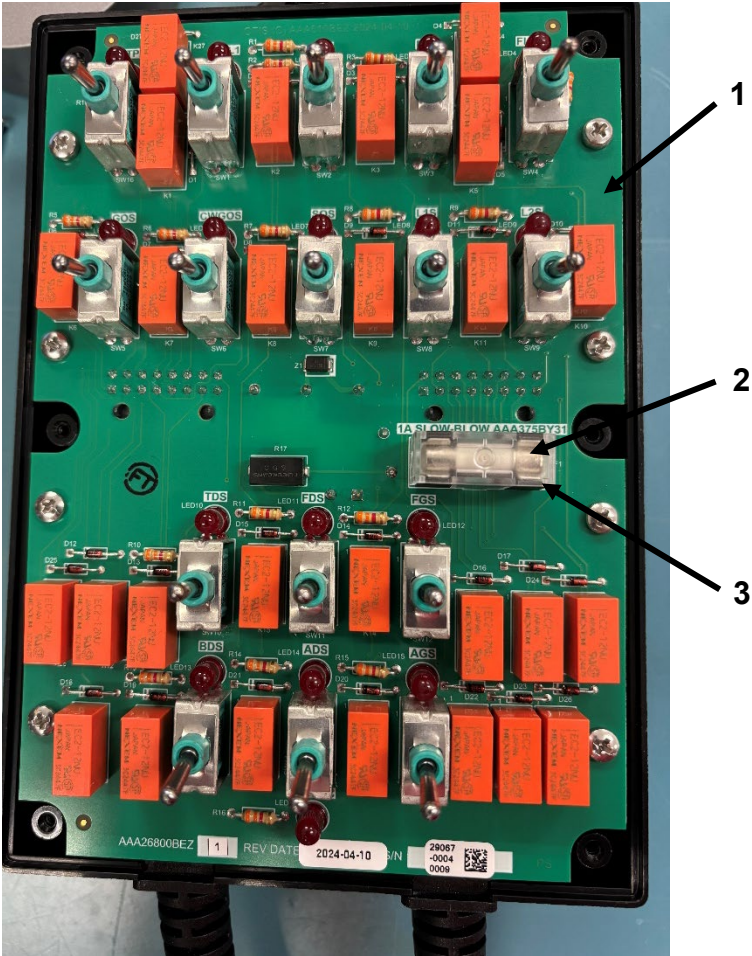
**AAA176CGS6**

*Note: \* is not available on AAA174CGS6 cable.*

	<b>AAA27PQ</b>	
<b>REF. No.</b>	<b>PART No.</b>	<b>DESCRIPTION</b>
1	AAA447BE193	Connector, EIP5
2	AAA447BE186	Connector, EIP6
3	AAA447BE187	Connector, EIP6A
4	AAA447BE198	Connector, EIP7
5	AAA447BE188	Connector, EIP7A
6	AAA447BE194	Connector, EIP8
7	AAA447BE189	Connector, CT1

# Safety Test Box Assembly

**10-AAA27PQ**



REF. No.	PART No.	DESCRIPTION
1	AAA26800BEZ1	PCB, Gen3 Core Safety Test Box Board
2	AAA375BY31	Fuse, 1 A, 500 VAC, Slow, 5x20 mm, F1
3	AAA653F100	Fuse Cover, Xf1