

# Oil Buffers

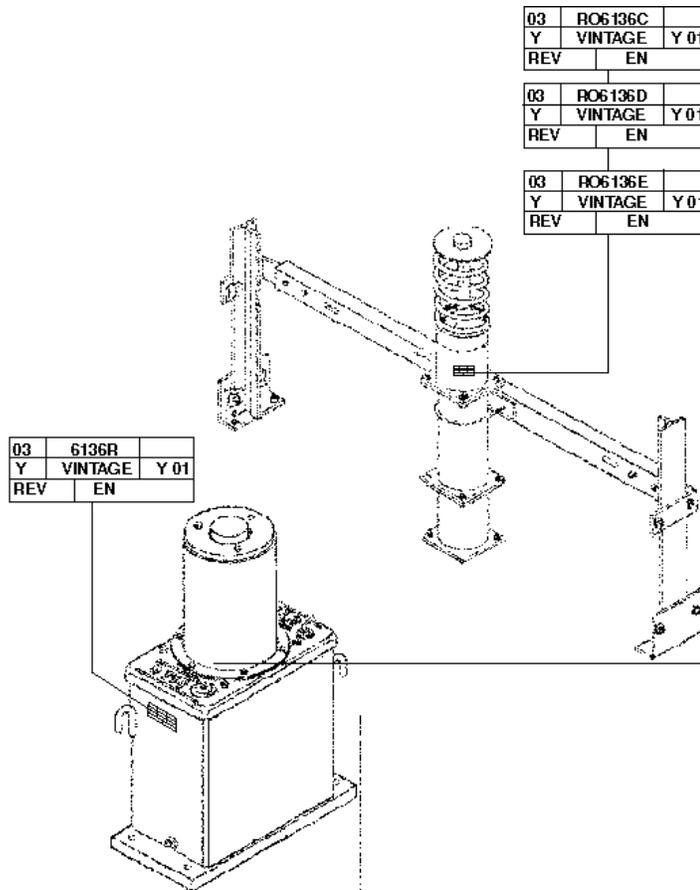
## Spare Parts Leaflet

### 03-RO6136C

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# OBSOLESCENCE NOTICE

The product listed in this SPL is obsolete. Some components may still be available, but Otis recommends an upgrade (see TIP 32.2-1 for potential upgrade).



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 describes the service parts for oil buffers type 6136R and types RO6136C, D, E.

**Leaflet Revisions**

<b>Date Revised</b>	<b>Subject Matter Expert</b>	<b>Reason for Revision</b>
April 1987	- - -	New leaflet
February 1994	- - -	Update parts
August 1995	- - -	Update parts
July 1998	Troy Chicoine	Update parts, add history page, clarify graphics.
March 1, 2000	Troy Chicoine	Update parts on p. 3.
November 4, 2004	Troy Chicoine	Update note pp. 3 and 4
May 18, 2022	Brian Regan	Updated document template and obsolescence info
October 16, 2024	Juan Murillo	Changed obsolescence wording.

**Related Drawings**

<b>Drawing No.</b>	<b>Title</b>	<b>Drawing No.</b>	<b>Title</b>
6136R	Spring Return Oil Buffer	RO6136D	Assembly 11.5 Stroke H.P. Oil Buffer
RO6136C	Assembly 9 Stroke H.P. Oil Buffer	RO6136E	Assembly 17 Stroke H.P. Oil Buffer

**Related Documents**

<b>Document ID</b>	<b>Title</b>
TIP 14.2-1	Oil Buffer Tests
TIP 14.2-2	RO6163C Oil Buffers Up to 350 FPM Car Speed
TIP 14.2-3	MVS/GEM Buffer Springs Material Deficiency
TIP 14.2-4	Buffer Splash Cover (p/n MT-114393-1)

**Subject Matter Expert**

<b>Name</b>	<b>Department</b>
Juan Murillo	OSC Service Engineering

**About Spare Parts Leaflets...**

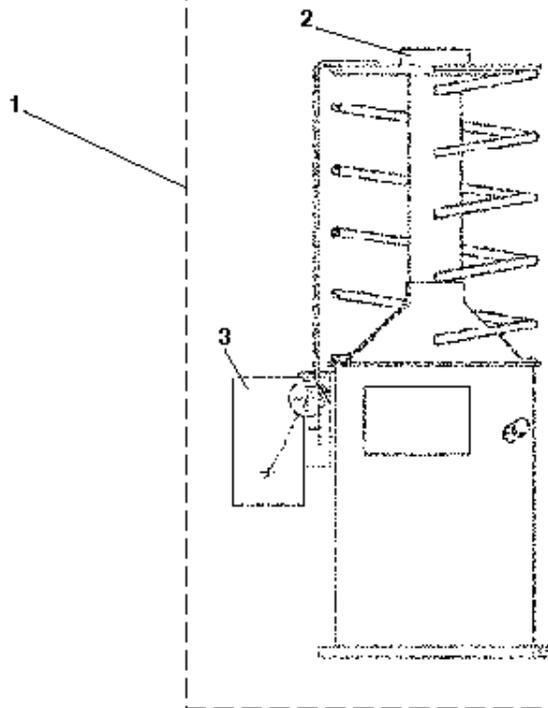
This document lists the lowest replaceable units (LRUs) for the standard version of the product. The LRUs are chosen by a team of Otis associates representing engineering and manufacturing.

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.

# Type RO6136C, D, E Oil Buffer

**03-RO6136C**



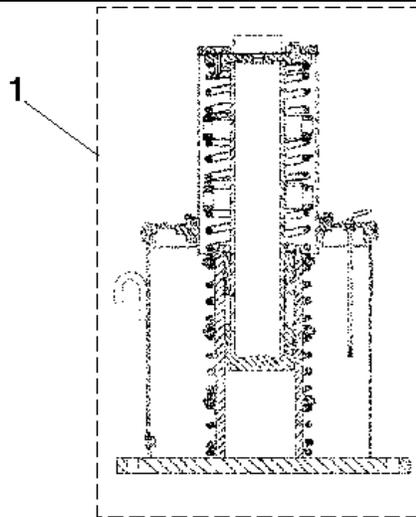
**W/O VINTAGE &  
VINTAGE Y 01**

REF. No.	PART No.	DESCRIPTION	BUFFER STROKE (in.)	SWITCH	STRIKE LOAD (lb.)			
					MINIMUM	MAXIMUM		
1	RO6136C1	Assembly, Oil Buffer  Note	9	w/o	1,000	10,000		
	RO6136C2			with				
	RO6136C3			w/NEMA 4				
	RO6136D1				11-½	w/o	2,000	13,500
	RO6136D2					with		
	RO6136D3					w/NEMA 4		
	RO6136E1				17	w/o	1,000	13,500
	RO6136E2					with		
	RO6136E3					w/NEMA 4		
2	RO310AD1	Bumper						
*	VP-418940	Oil, Otis Spec. #10						
3	AAA6098NM1	Switch,  SPL 05-6098 for Details						
	AAA661D2	Switch, NEMA 4						

**NOTE:** These buffer assemblies are no longer available. To determine the appropriate replacement buffer, refer to TIP 14.2-5 and SPL 03-AAA6136BE

\* Not shown

**Type 6136R Oil Buffer Assembly**

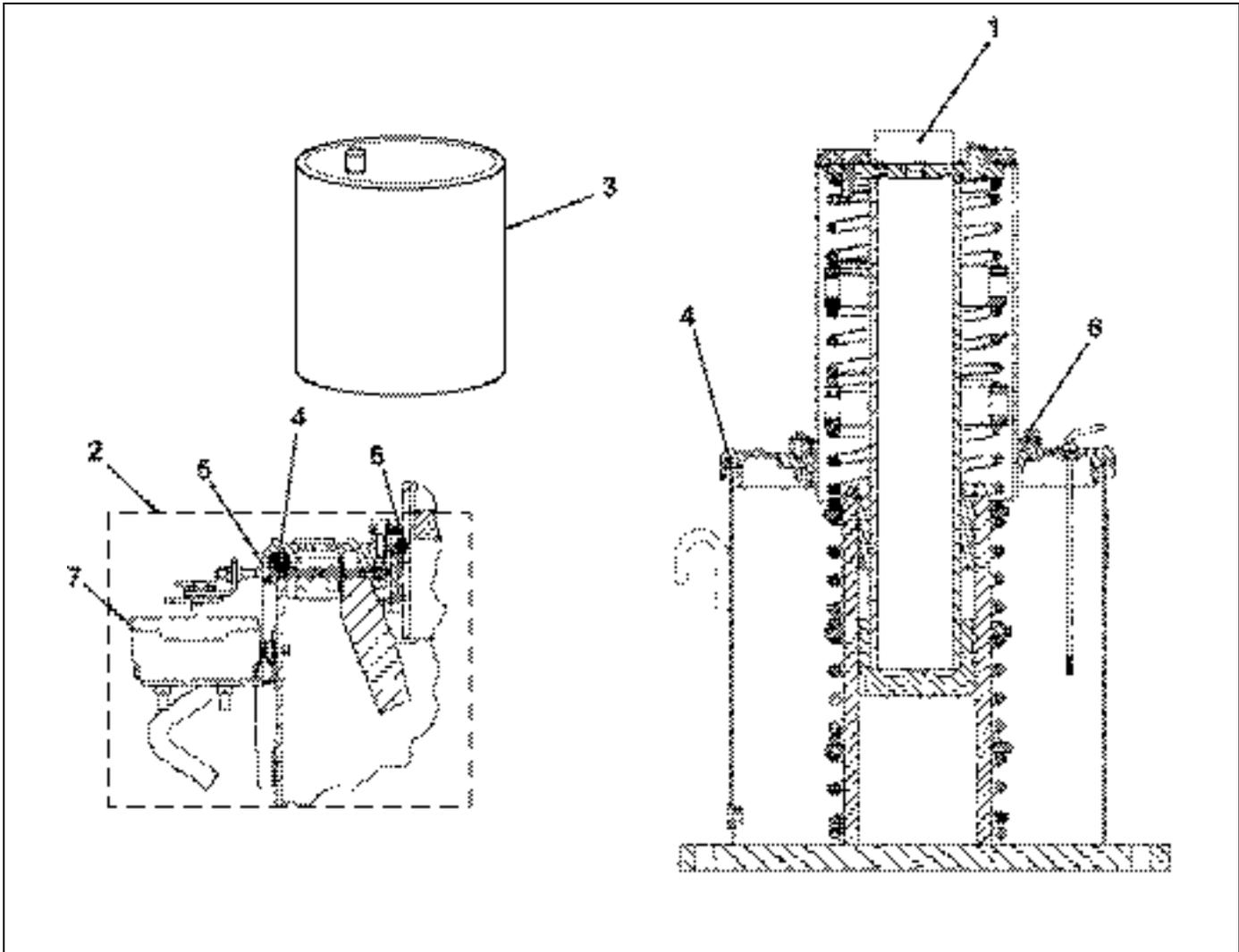


REF. NO.	PART or ML	DESCRIPTION	BUFFER STROKE (in.)	STRIKE LOAD (lb.)	
				MINIMUM	MAXIMUM
1	4503C11 6136R14	Assembly, Oil Buffer (w/Otis Spec. #10 Oil)  Note	24- <sup>3</sup> / <sub>4</sub>	2,500	10,500
	4503C12 6136R4			5,000	18,000
	4503C7 6136R15		33- <sup>1</sup> / <sub>2</sub>	2,500	10,500
	4503C13 6136R5			5,000	18,000
	4503C14 6136R16		43- <sup>3</sup> / <sub>4</sub>	2,500	10,500
	4503C15 6136R6			5,000	18,000
	4503C16 6136R17		52	2,500	10,500
	4503C17 6136R7			5,000	18,000
	4503C18 6136R18		68- <sup>1</sup> / <sub>2</sub>	2,500	10,500
	4503C19 6136R8			5,000	18,000
	4503C20 6136R9		84	5,000	18,000

**NOTE:** These buffer assemblies are no longer available. To determine the appropriate replacement buffer, refer to TIP 14.2-5 and SPL 03-AAA6136BE.

# Type 6136R Oil Buffer Spare Parts

**03-R06136C**



**W/O VINTAGE &  
VINTAGE Y 01**

REF. NO.	PART or ML	DESCRIPTION
1	320E3	Bumper
2	6136R400	Kit, Switch Sundries
3	VP-418940	Oil, Otis Spec. #10, 5-Gallon Container (Up to 18,000 lb. Maximum Strike Load)
	VP-419805	Oil, Otis Spec. #42, 5-Gallon Container (Over 18,000 lb. Maximum Strike Load)
4*	33W1	Seal, 45.75 in. L (Not Included in Ref. 2)
5	33W2	Seal, 1.0 in. L
6**	33Y1	Seal, 24.75 in. L (Not Included in Ref. 2)
7	6098BC4	Switch,  SPL 05-6098 for Details
	AAA6098NN1	

\* Not included in Ref. 2—switch sundries kit.