

Lift & Escalator Industry Association  
Devonshire Street,  
London.

For the Attention of Derek Smith, Technical Director.

**Re: Otis Product Improvement Notice – 003.**

Dear Sir,

Following a recent incident Otis would like to pass a product improvement notice to the industry regarding the possibility of failure of the governor tension weight switch.

On a small number of installations there is a possibility of the switch failing to register that the safety rope is slack, with the possible result that the safety gear will not operate.

The chances of all of these events occurring at the same time are extremely remote. However we feel the consequences sufficiently severe to share this information with the industry at large.

The attached notice give details of the issues and the necessary instruction to resolve the problem. On this occasion due to the limited number of units involved Otis will provide the necessary replacement parts free of charge up to the 1<sup>st</sup> May 2011.

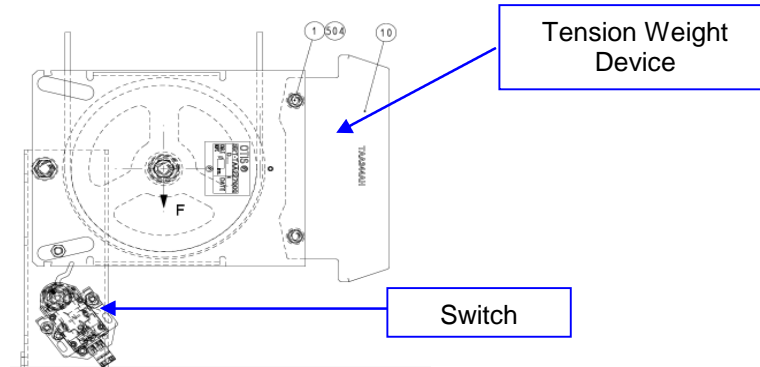
Yours Faithfully,



**Over Speed Governor  
Tension Weight Switch**

**Description  
of problem:**

If the over speed governor rope stretches excessively and is not detected during routine servicing there is a possibility that the safety switch that is designed to isolate the lift will in certain circumstances fail to do so.



**Cause:**

If the switch is subjected to excessive dust or the the mobility of the switch mechanism decreases for any other reason the actuation of the switch arm may cause excessive movement in the support bracket which could result in the switch failing to operate electrically.

**Effected  
Equipment:**

This may be applicable to the following equipment:

Otis unit number - K7675  
Site Details - Zawaya, Knaresborough Place, London. SW5 0TG

Otis unit number - K7722  
Site Details - Turnberry Hotel, Maidens Road, Turnberry, KA26 9LT

Otis unit number - KS7690  
Site Details - HSBC Rugby, Church Street, CV21 3PN

Otis unit number - KS7735  
Site Details - Furness General Hospital, Dalton Lane, Barrow Furness

Otis unit number - KS7791  
Site Details - HSBC Rhyl,

Otis unit number - D6826  
Site Details - 10 Upper Brook St, London, W1K 6PB



Otis unit number - D7127  
Site Details - St Pancras Chambers, Euston road, London, NW1 2PQ

Otis unit number - D7928  
Site Details - HSBC, 1 High Street, Doncaster, DN1 1EE

**Field  
Solution:**

The requirements of BS7255 Safe Working On Lifts should be adhered to when following any instructions within this document.

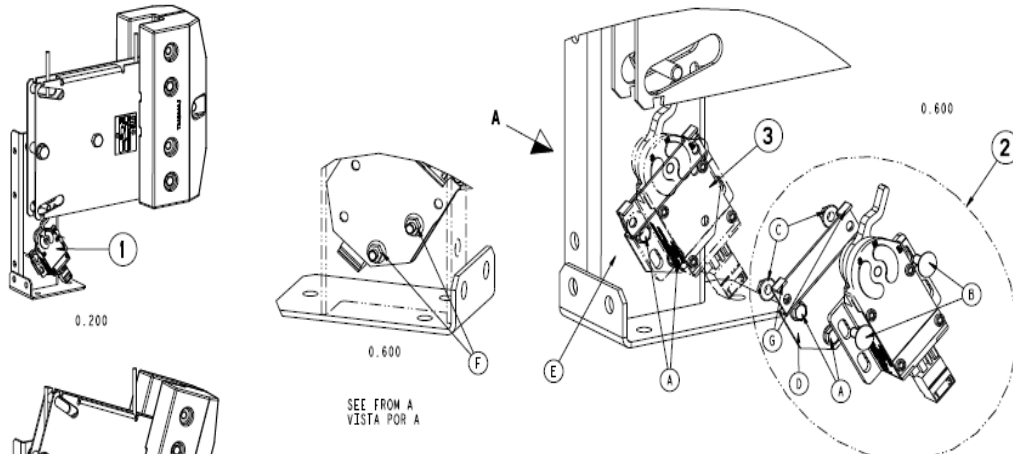
1. Check the operation of the Governor Tension Weight Switch to determine if there is excessive movement of the support bracket.
2. If the answer is yes then the product improvement retrofit support kit should be installed by following the fitting instructions within the special instructions section.

<p><b>Author</b></p>  <p>Bradley Ryan</p>	<p><b>Checked</b></p>  <p>David Ralphs</p>
<p><b>Distribution :</b> LEIA for Public Information</p>	<p><b>CANCEL &amp; REPLACE:</b> All previous versions</p>

# Over Speed Governor Tension Weight Switch

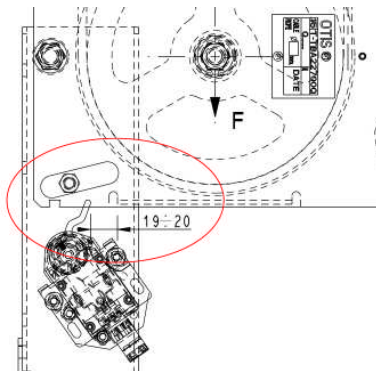
**Special  
Instructions:**

### Fitting instructions



1. Remove Switch
2. Push screws 'A' through support plate 'D' and fix switch to support plate with screws 'B' and nuts 'C'. Before tightening screws 'B' move switch until it contacts with stop 'G'
3. Mount switch assembly to support of tension weight 'E' and secure with screws 'A' and Nuts 'F'
4. With the weight in the final leaning position, verify that the switch has activated by screw 'H' and that the electrical circuit is open

5. After installing the retrofit kit check the distance below is between 19 to 20 mm



6. Verify that that Governor Tension Weight Switch prevents the lift from operating when it is tripped

Materials will be issued free of charge up to 01/05/2011. Please use the enclosed materials order form.

Author

Bradley Ryan

Checked

David Ralphs

Distribution : LEIA for Public Information

CANCEL & REPLACE: All previous versions

<b>OTIS</b>	<b>Product Improvement Notice Parts Ordering Form</b>	<b>Ref : 003</b>	
	<b>Over Speed Governor Tension Weight Switch</b>	54-10-01	
		Date issued	12/01/2011
		Expiry Date	01/05/2011


As per the associated Product Improvement Notice, we confirm that we have checked the equipment referenced within and have ascertained that there is an opportunity to improve the existing equipment and request that you provide us with the necessary materials to enable us to fit them to the Unit/s referenced below.

Otis Unit Number :	
Building Name :	
Building Address:	
Installing Company Requesting Materials:	
Required Delivery Address:	
Materials to be sent for the attention of:	

Name:		Signature:		Date:	
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To obtain the free issue materials please send this completed form to, Lift Components Limited, by one of the following means.

Post - 123 Abbey Lane, Leicester, LE4 5QX  
 Fax - 0844 778 2349  
 Email - sales@liftcomponents.co.uk

Author  Chris Patey-Ford	Checked  Bradley Ryan
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