



DualLift GmbH

Original Operating and Mounting Manual

**DualLift fallstop
OSL with Test Equipment**

OSL 508..1010T



**The manual has always to be
available for the user!**

Status: July 2016, revision 02

Proof of Change

Revision	Chapter	Date	Change
00		2016-05	Release of the document
01	1.5	2016-05-31	Adding the rope
01a	2.4; 5	2016-06-06	
01b	0	2016-07-01	Emergency Number removed

Table of contents

Information on this manual and mounting instruction	2
Important safety information while operating and mounting	3
Information on residual risks	4
1. Description of the equipment	5
1.1. Intended use.....	5
1.2. Components and operating elements.....	6
1.3. Technical details of the OSL-T	7
1.4. Test equipment.....	8
1.5. Original DualLift rope.....	9
1.6. Type plate.....	9
2. Installation.....	10
2.1. Fundamental aspects	10
2.2. Scope of delivery	10
2.3. Fastening material	11
2.4. Mounting the safety device	11
2.5. Mounting of wire ropes	12
2.6. Electrical connection.....	12
2.7. Cold Climate Version (CCV).....	12
3. Operating of the fallstop	13
3.1. Log book.....	13
3.2. UP/DOWN operation	13
3.3. Inspection of each working day	13
3.4. Behavior in case of triggered safety device	14
3.5. Repairing the safety device OSL-T.....	14
4. Service and Inspection.....	15
4.1. Maintenance and Care	17
4.2. Weekly inspection of the fallstop	17
4.2.1. Inspecting the safety rope	18
4.3. Safety inspection before the first commissioning.....	19
4.4. Safety inspection by a qualified person	20
4.5. Additional service in case of a triggered fallstop	20
4.6. General overhaul of the OSL-T.....	20
4.7. Maintenance of the fallstop.....	20
5. Technical Datasheet	21
6. Functional test of OSL-T	22
EC Declaration of Conformity according to Annex II A	24

Information on this manual and assembly instruction

The copyright of this manual and assembly instruction is with DualLift GmbH. Technical changes may occur anytime and have to be inquired regularly from DualLift GmbH by the user. The current service notes have to be requested from DualLift before each servicing.



Manufacturer:

DualLift GmbH, Edisonstrasse 22; 27711 Osterholz-Scharmbeck; Germany

Phone: +49(0)4791 964 07-0

Fax: +49(0)4791 964 07-27

E-Mail: info@dual-lift.com






Information on this manual and mounting instruction

Information for manufacturers of suspended access equipment

Manufacturers using DualLift man-riding hoists and/or DualLift safety devices in suspended access equipment like e.g. access systems, platforms, work cages or work seats have to integrate all the information necessary for a safe installation and operation provided with this manual in the appropriate parts of their manual for suspended access equipment!

It does not meet the requirements of the EC machinery directive and further applicable standards just to enclose this manual!

Explanation of the pictograms applied in this manual

Pictogram	Meaning of the Pictograms
	Important information for the employment.
	Imminent material damage at the hoist due to a dangerous situation.
	Imminent injuries or material damages due to a dangerous situation.
	Imminent (mortal) danger of being injured by heavy current.
	Mortal danger or imminent danger of being injured.

Important safety information while operating and mounting

- a) Installation and maintenance of DualLift safety equipment have to be carried out by persons who are familiar with it and were assigned to these tasks by the entrepreneur.
- b) These persons are obliged to know all the appropriate accident prevention regulations, e.g. "Hoists, lifting and pulling equipment (BGV D8)", "Safety requirements on suspended access equipment (DIN EN1808)" or for material hoists "Cranes – power-driven hoists (EN14492-1)" and have to be instructed accordingly. Furthermore, they must have read and understood the manual and assembling instruction provided by the manufacturer.
- c) In case there is more than one person responsible for assembly/maintenance, the manufacturer of the man-riding equipment has to assign a supervisor who is authorized to issue instruction.
- d) DualLift safety equipment is only intended to be mounted into "Suspended access equipment" according to DIN EN1808 and is permitted for this purpose only. Further applications have to be reconciled with the manufacturer and, if applicable, licensing authorities.
- e) DualLift safety equipment has to be mounted on the intended fastening holes.
- f) It is prohibited to use DualLift man-riding and material hoists and DualLift safety equipment in explosive surroundings.
- g) DualLift safety equipment may only be used at surrounding temperatures of -25°C to +70°C. (-35°C when using CCV equipment)
- h) All parts have to be checked to be complete and operational before the assembly is started.
- i) It is not permitted to use non-operational DualLift safety equipment, ropes or electric cables.
- j) DualLift GmbH assumes no liability for damages arising from use of non-original parts or the reconstruction or modification of the delivered devices.
- k) The operator of the construction is obliged to provide a log book.
- l) The final user has to provide an inspection and a log book according to EN1808:2015, chapter 14.2.6!
- m) DualLift safety device have to be attached in such a way that the safety rope enters / runs through and out vertically.
- n) It is forbidden to overload the SAE suspended access equipment (Platform) to prevent the DualLift safety equipment from being overstressed.
- o) Any other inspections and repairs may only be carried out by DualLift GmbH or by a workshop for hoisting devices authorized by the manufacturer.
- p) It is not allowed to store the equipment outdoor. Long term storage is allowed in ambient temperature of -40°C ... +70°C; variations of temperature shall be avoided. The equipment must not be stored where the humidity can exceed 60%.
- q) In case the DualLift hoist or safety device is not used for a long time or the hoist is stored in an atmosphere with a high salinity (e.g. in coastal areas) or with corrosive vapors, corrosion might occur at the motor brake. This negatively affects the functionality of the hoist. Therefore, operation and storage of the hoist under these conditions is not permitted.

Information on residual risks



There are so-called residual risks which cannot be covered by design for DualLift hoists and DualLift safety equipment!

Not all risks can be identified. General remaining risks can never be excluded for the operation of man-riding hoists, material hoists and safety devices. Therefore, only appropriately trained persons are to be authorized to operate the equipment. If the persons are inexperienced with the proper handling and operation of DualLift equipment, a DualLift training concerning the handling of these devices has to be attended. Trainings are routinely offered.

1. Description of the equipment

1.1. Intended use

The DualLift safety devices of the series OSL 508T, 809T, 1010T CE e.g. ULCS, are safety devices being used with the original DualLift safety rope for riding up or down on suspended access equipment according to DIN EN1808. All OSL overall sizes are identically constructed and only differ in sizes of rope pulleys and clamping jaws since these match the rope diameter.

According to DIN EN1808 any suspended access equipment has to be provided with a safety device (e.g. DualLift Fallstop type OSL) that secures the load against fall-down with an independent safety rope. In order that you can work with DualLift safety devices in a trouble-free and safe way, it is mandatory to only use a rope approved by DualLift.



DualLift hoists and safety equipment may only be used with ropes approved by DualLift to ensure trouble-free and safe working.

In general, DualLift safety devices are mounted directly on the suspended access equipment and drive, for example up and down, on a hanging wire rope.

For Befahranlagen, platforms, etc., which are used with two hoists, you must always use the inclined position-fallstop ISL. It is not allowable to have the platform out of level. The ISL safety lock prevents the suspended access equipment from an inclined position in case of a power outage.

The manufacturer of the complete system has to accomplish a conformity assessment procedure according to section 12 paragraphs 3 or 4 of guideline 2006/42/EG for machines that come within supplement IV no. 17 of guideline 2006/42/EC and are used to lift people or people and goods.

The OSL 508...1010T (test equipment) is a further development of the OSL 508...1010. Using this OSL-T, it is possible to perform a complete daily functional check of the centrifugal overspeed assembly without needing to remove the OSL and without needing to pull at the safety rope.

The use of the fallstop is only permitted for the period of 4 years or 200 operation hours, whichever occurs first. Then the fallstop must complete the general overhaul before it may be further used (see chapter 4.6).

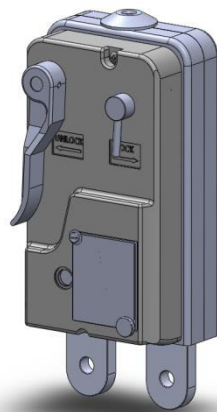
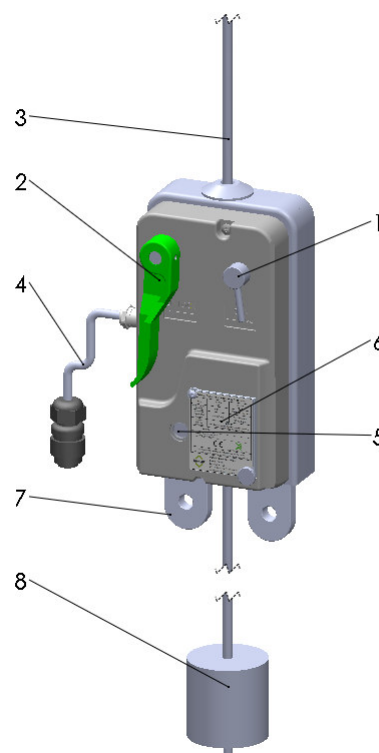


Figure 1: OSL T

1.2. Components and operating elements

All OSL models are identical in size and only differ in sizes of internal components, rope pulleys and clamping jaws since these match the rope diameter. The internal components, of various models, are properly sized to be used with specific wire rope diameters.

- (1) Manual triggering lever
- (2) Release lever
- (3) Safety rope
- (4) Electrical connection (trigger indication)
- (5) visual inspection window of flyweight
- (6) type plate (OSL-T: with opening to perform friction and flyweight test)
- (7) supporting seat (Connection between OSL and car)
- (8) Tension weight (>15kg)



Description of operating elements:

- (1) Manual triggering lever:

Turning the triggering lever counterclockwise (arrow shown on front cover) causes the OSL to close the clamping system.

- (2) Release lever:

Important: Releasing the OSL is only possible when the load is held by the hoist, not by the safety rope! To release the clamping system, the release lever has to be turned about a quarter turn clockwise (higher force due to a strong spring inside the OSL)

- (4) Electrical connection (trigger indication):

To indicate triggering the OSL, the electrical control system shall prevent driving downwards while OSL is triggered.

- (5) Inspection window

While the SAE is moving upwards or downwards the flywheel Equipment has to rotate. The Functionality can be checked while looking through on the Inspection Window.

- (8) Tension weight:

The safety rope always has to be slightly tensioned that the OSL can work properly. Therefore, we recommend using a tension weight like shown or a similar system.

1.3. Technical details of the OSL-T

OSL – Overspeed Safety Lock type 508 / 809 / 1010

The safety rope running through the OSL-T is sensed by a steel roller. The steel roller directly drives the centrifugal triggering device (Figure 2). In case of overspeed, the clamping mechanism closes automatically. The system can manually be unlocked with the help of the hand lever only after the load on the safety rope has been relieved.

The fallstop OSL-T secures the access equipment against:

- 1) Main suspension rope breakage
- 2) Breakdown of the hoist,
- 3) Overspeed due to hooking/catching during the ride down when the main suspension rope is not tensioned anymore.

The Option T consists of a special type of nut in the middle of the centrifugal assembly (Figure 2). The centrifugal assembly is accessible by opening the cover behind the type plate (Figure 3).

Using the test equipment, it is possible to put the centrifugal assembly into rotation and check that

- The friction between steel roller and safety rope is adequate, and
- (by pulling abruptly) the centrifugal flyweight system works properly and triggers the device.

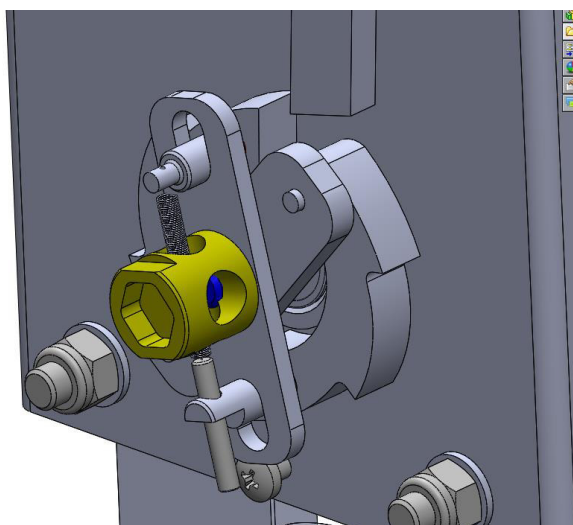


Figure 2: Centrifugal overspeed assembly

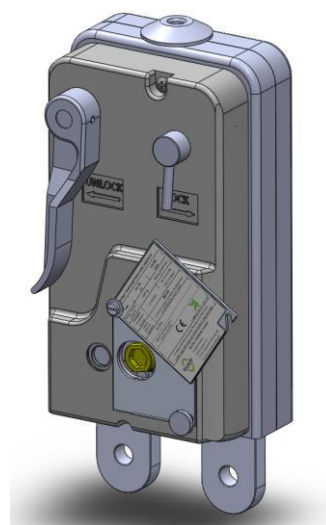


Figure 3: Access opening OSL-T

1.4. Test equipment

The test equipment consists of a rotating sheave (1) and a pulling device (2), (refer to figure 4) that can be set up on the centrifugal assembly of the OSL-T after opening the cover.

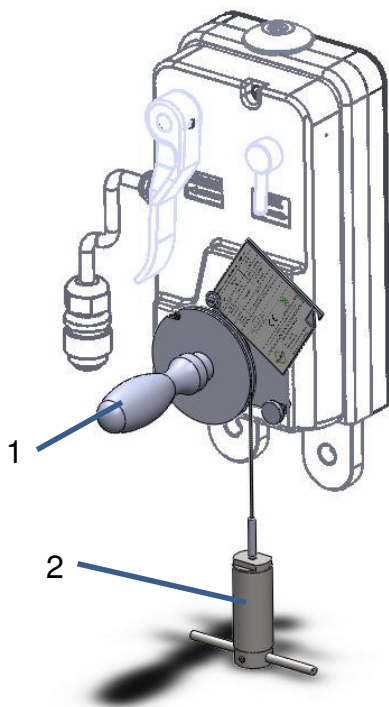


Figure 4: Components of the test equipment

Performing the test is described in chapter 6.



Disconnect the test equipment prior to operating the hoist. While operating the suspended access equipment (SAE) it is absolutely prohibited that the test equipment remains attached on the OSL (moving parts, danger that the OSL does not work properly).

The test opening (below type plate) has to be closed before operating the SAE!

1.5. Original DualLift rope

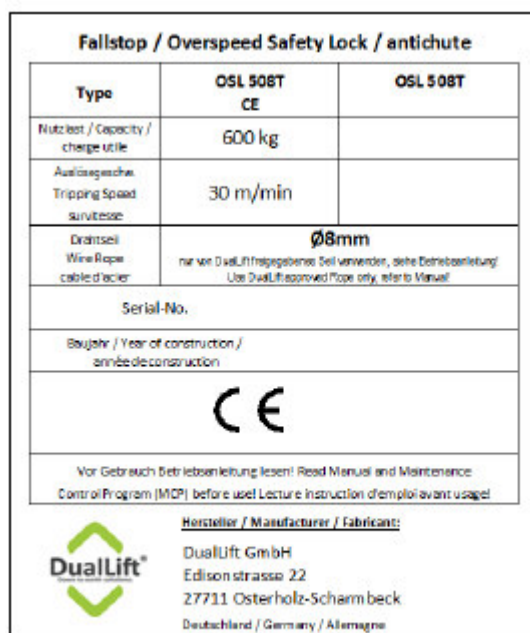
DualLift hoists and DualLift safety equipment may only be operated with a rope specifically approved by DualLift. These ropes are permitted:

DualLift model series	Nominal-Ø	Rope-Ø (new)	Manufacturer	Rope Construction
OSL 508 / OSL 508T	8 mm	8,4 mm 8.3 mm	Pfeifer-Drako Greifzug	5 x K19S SFC 1960 B sZ 5 x 19
OSL 809 / OSL 809T	9 mm	9,0 mm	Pfeifer-Drako	4 x K26WS SFC 2160 B sZ
OSL 1010 / OSL 1010T	10 mm	10,2 mm	Pfeifer-Drako	5 x K26WS SFC 2160 B sZ

The ropes can be obtained from DualLift GmbH anytime.

1.6. Type plate

The DualLift safety device OSL 508T, OSL 809T, OSL1010T are labeled with a type plate on the front cover. Its production date and serial number are tagged onto that plate.



← Breite / width: 59mm →

Figure 5: Layout type plate OSL-T

2. Installation

2.1. Fundamental aspects

Manufacturer of man-riding equipment according to the EC machinery directive is someone who assembles a device to lift people from single components. The manufacturer of the complete system has to accomplish a conformity assessment procedure according to section 12 paragraphs 3 or 4 of guideline 2006/42/EG for machines that come within supplement IV no. 17 of guideline 2006/42/EG and are used to lift people or people and goods.

The accessibility of the OSL / OSL-T of a hand lever has always to be guaranteed in case of emergency.

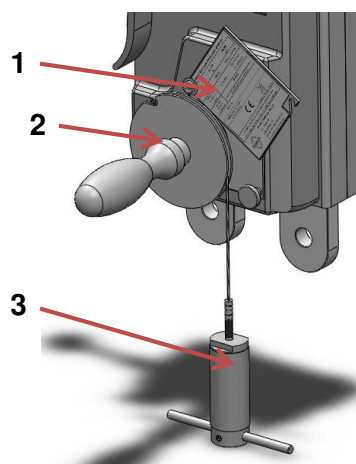
2.2. Scope of delivery

The package OSL-T contains of:

- OSL 508T ..1010T CE (1)
- Rotating sheave assembly (2)
- pulling device (3)
- Operating manual (this document)
- Quick guide to attach to lift

- Option: Assembly for storing test equipment

The parts may be ordered individually as well.



Additional options:

OSL508..1010 CE-E (electrical trip indication switch including cable and optional plug)
OSL508..1010 CE-E CCV (cold climate version, heat able variation for cold climate – this option allows a controlled preheating of the OSL-T before the lift is put into operation.)

These options may be ordered in combination with the option T, e.g.:

OSL508T CE-E CCV

2.3. Fastening material

DualLift fallstops of model series OSL508, 809, 1010 / OSL 508T / 809T / 1010T have to be attached with two bolts M12 (hole spacing horizontal 77 mm) and self-locking nuts. Fallstops with single seat are to be attached accordingly with a screw M12.

The bolts have to be of adequate length, i.e. never bear the load on the thread but on the shoulder part of the bolt (use spacers if necessary).

The property class of the bolts has to be 8.8. Instead of bolts M12, studs or the like with at the least the same property class can be used.

2.4. Mounting the safety device

DualLift fallstops have to be installed in such a way that the safety rope enters vertically from all directions! The rope always has to be under tension. Thus, apply corresponding rope weights at the drive rope!

The distance between main suspension and safety rope is not exactly prescribed for type OSL but in terms of potential platform oscillation the distance should be kept as small as possible per design.

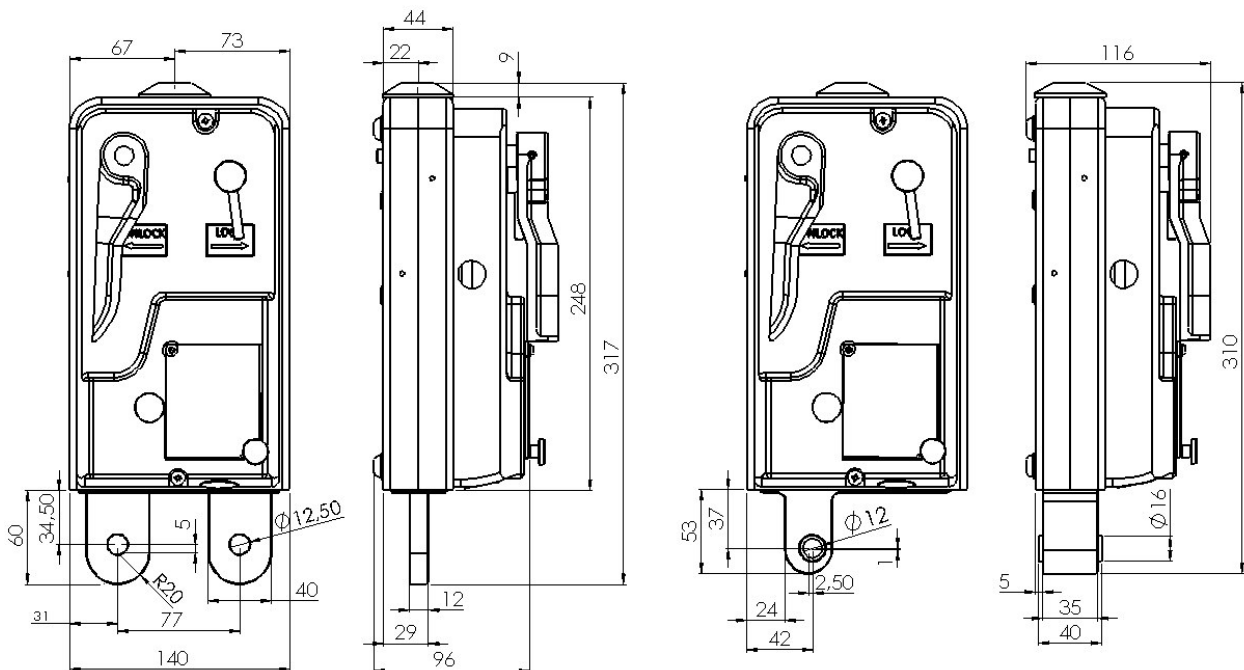


Figure 5: OSL Dimensions and attaching points

The suspension devices for the safety rope and the component on which the fallstop will be fastened have to withstand stresses according to EN 1808 B.1.4.

2.5. Mounting of wire ropes

Be careful while handling wire ropes, always wear protective gloves.

- 1) Only use wire ropes that are approved by DualLift, see chapter 1.5!
Make sure that the wire rope has the correct diameter and is of sufficient length.
- 2) Always unreel the wire rope properly and twist-free (by co-turning the reel); otherwise the wire rope might become useless due to slings.
- 3) Visually inspect the condition of the wire rope:
 - a) Thimble/swaging undamaged?
 - b) For ropes with hooks: undamaged safety cover, hooks not bent open?
 - c) Proper rope point, (bulleted tip) without obvious damage at the full length? Rope in good condition without visual damage? Discard not yet reached? See chapter

DualLift safety devices can only fulfill their safety function if the safety rope between fallstop and upper rope suspension is constantly kept under tension, i.e. slack rope is not allowed!

For this reason, fix a clamping weight of 15 kg at the loose hanging end of the safety rope at least 20 cm above the ground.



2.6. Electrical connection

For detection of a triggered device, the OSL may be equipped with an electrical triggering indication. The control box must be used to stop the downwards travelling of the hoist with triggered OSL.

2.7. Cold Climate Version (CCV)

Furthermore, the OSL / OSL-T are available in a special CCV (cold climate) version to allow operating in environmental conditions down to -35°C . The OSL is equipped with an insulated silicone heating pad (230V, 170W) and a temperature sensor (PT100). For this configuration it is necessary to use a special control unit to prevent operation prior to the OSL being preheated to a minimum temperature.

3. Operating of the fallstop

3.1. Log book

The operator is obligated to provide a log book according to EN 1808:2015 (chapter 14.2.5). In view of the use of OSL-T the following registrations are absolutely necessary:

- Name of expert being responsible for the SAE
- Date and name(s) of the operator(s) using the SAE
- Date and report of all checks, see chapter 4
- Operation time of OSL-T in hours
- Operation time of safety rope in hours
- All security relevant incidents
- Specification of wire ropes

3.2. UP/DOWN operation

During operation, ensure at all times that the fallstop is in the open position. Never travel upwards with a closed OSL, as this causes the safety rope between the suspension point and fallstop to slacken, which endangers the proper functioning of the fallstop!



Downwards travel with a closed fallstop is prohibited, since this causes the travel rope above the winch to slacken.

The fallstop must not be used for operational braking of the access equipment!

3.3. Inspection of each working day

By the supervisor

Preparation of the functional test of the fallstop. Before each use, the following must be checked:

The suspended access equipment (SAE) has to be in the lower end position for operating the test. The tests can be carried out without additional loading.

The following test measures have to be carried out at least once per working day:

- > Proper fastening of the safety device on the access equipment:
 - Check that the screw or bolt connection is secured.
- > Conducting a functional test of safety devices with trigger detection (if available):
 - The control must not permit any downward travel!
- > Conducting a functional test of the fallstop:
 - Implementation of the functional test is described in detail in chapter 6.

The operator of the installation is obliged to document the result of the test in the logbook.

3.4. Behavior in case of triggered safety device

If the fallstop is manually closed for the purposes of testing or creating a safe operating condition while the weekly inspection according to chapter 4.2, this can be opened again by first moving the suspended access equipment upwards a little in order to relieve the safety rope.

The fallstop type OSL can then be manually opened (reset) by operating the hand lever (unlock).

Once the fallstop has been released again, the suspended access equipment must be set down on the floor, in order to carry out a functional inspection in accordance with chapter 6.

If, due to a suspension rope break or failure of the winch, the fallstop has triggered, the system operator is responsible for the evacuation of access equipment in accordance with system regulations.



The fallstop must be replaced before operation resumes. Following this, a safety inspection must be carried out with a new fall stop before initial commissioning in accordance according to chapter 4.3 by a qualified person, since the suspension of the safety rope and the connection between fallstop and access equipment are subjected to high dynamic loads in the case of a catching operation.

The system operator is responsible for the replacement of the fallstop, and for its inspection. The replacement must be recorded in the logbook.

Safety devices subjected to fall forces must be replaced after catching! Send them to DualLift for further inspection! Reusing the safety devices after catching may lead to malfunction and thus lethal risks!

The operator of the installation is responsible for this.

3.5. Repairing the safety device OSL-T

Any repairs of DualLift hoists and safety devices have to be carried out by DualLift GmbH or a hoisting device workshop authorized by DualLift using original DualLift spare parts.

4. Service and Inspection

Date/carried out by	Test object	Description
Before the initial commissioning by a qualified person	DualLift fallstop	in chapter Fehler! V erweisquelle konnte nicht gefunden werden.
On each working day by the system operator	DualLift fallstop	in chapter Fehler! V erweisquelle konnte nicht gefunden werden.
	Fastening components	in chapter Fehler! V erweisquelle konnte nicht gefunden werden.
Each working week by the system operator	DualLift fallstop	in chapter Fehler! V erweisquelle konnte nicht gefunden werden.
	Wire ropes	in chapter Fehler! V erweisquelle konnte nicht gefunden werden.
	Electric cable	in chapter Fehler! V erweisquelle konnte nicht gefunden werden.
At least once annually by a qualified person	DualLift fallstop	in chapter Fehler! V erweisquelle konnte nicht gefunden werden.
Additional service in the case of a collapsed fallstop by a qualified person	DualLift fallstop	In chapter Fehler! V erweisquelle konnte nicht gefunden werden.
At the latest every 200 hours or 4 years, whichever occurs first by the manufacturer (the operator must provide evidence of the operating hours)	General overhaul of DualLift hoist and fallstop	in chapter Fehler! V erweisquelle konnte nicht gefunden werden.

In addition to the inspections described here, the national inspections must also be observed.

In Germany e.g., the industrial safety regulation and the accident prevention regulations for winching, lifting and towing devices (DGUV instruction 54 - in the past BGV D8).



All results of annual and extraordinary checks have to be recorded in a log book (see chapter 3.1) according to EN 1808 14.6. The operator is responsible for this action.

4.1. Maintenance and Care

A) OSL-T

- Inspection of the OSL operating elements “Lock” and “Unlock”:
The free-switched OSL must close audibly while operating the “Lock” lever (light rotation against the clockwise). By operating the “Unlock” lever (against spring pressure, bigger effort), the OSL must be opened again (Reset).



Before and during operation make sure that the OSL-T is correctly mounted and the device, wire ropes (see below) and electrical cables are free of visible defects.

Stop working immediately if defects occur during operation. Immediately secure the man-riding equipment.

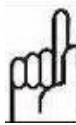
All damages relevant for security are to be announced to the operator of the installation.

It is only allowed to put the installation into operation again after correction of any deficiencies and removal of the damages components.

The operator is responsible for this!

B) Wire ropes

- Always keep the wire ropes lightly lubricated
- Always wind and unwind wire ropes on reels.
- Never pull wire ropes over edges



For lubrication, use simple multipurpose oil or grease. Do not use any lubricants that contain molybdenum disulfide (MoS₂) or PTFE!

4.2. Weekly inspection of the fallstop

These inspections are to be carried out and documented at least once per week in addition to the daily inspection.

- Inspection of the fallstop for external damages
- Inspection of the electrical lines for damage (where present)
- Inspection: make sure all the accessories are complete. (testing device, quick guide)

It is only allowed to put the installation into operation again after correction of any deficiencies and removal of the damages components. The operator is responsible for this!

4.2.1. Inspecting the safety rope



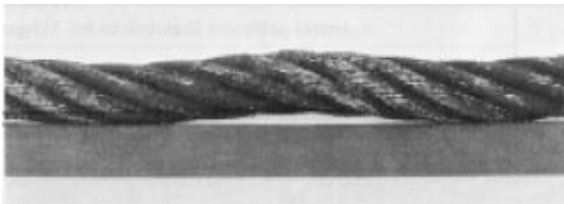
Wire ropes have to be replaced immediately if a defect has been discovered at the weekly test. Furthermore, the discard criteria of ISO 4309 must be observed.

- More than 5 discontinuities at a length of 24 cm (Ø8) / 27 cm (Ø9) / 30 cm (Ø10)

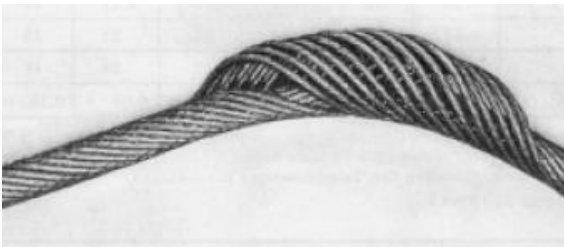


- Any kind of rust formation on the surface or inside
- Heat exhaustion, made visible by tarnish
- Existing damages on the rope (see chapter 4.2.1.1)

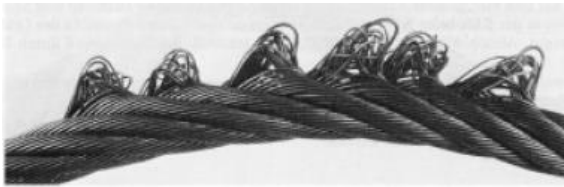
4.2.1.1 Illustration of the most common damages of ropes



Wire rope with corkscrew-like deformation



Wire rope with bird caging



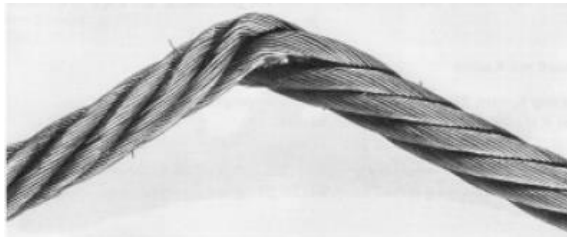
Wire rope with wire loops



Wire rope with flattening caused by traversing



High-stranding wire rope



Kinked wire rope

4.3. Safety inspection before the first commissioning

By a qualified person

Before the initial commissioning of the fallstop OSL-T, the following must be checked:

- That the connection point of the OSL-T on the access equipment is sized,
- Selection of the fastening elements:
 - Screw connections: Shear stress in the shaft, not in the thread, tightened with safety nut (DIN 985) tightening torque 80Nm
 - Bolt connections (as per agreement with DualLift!) double-edged with splint (DIN 94)
- That the permissible operating load of the access equipment is not larger than the maximum operating load of the OSL-T
- That the safety rope from DualLift used has been approved, and is in proper condition (see section 4.2.1)
- Checking the proper fixation of the Rope end fixation (see chapter 1.2) respectively on side clamping device (e.g. spring): The safety rope must be easily pre-loaded.

→The inspection must be documented in the log book.

Afterwards a functional test must be carried out each working day (see chapter 3.3).

4.4 Safety inspection by a qualified person

A **qualified person** must complete relevant training from DualLift GmbH, in a position to carry out **safety inspections** on DualLift safety equipment.

A safety inspection of DualLift safety equipment must be carried out at least once per year by a person qualified by DualLift. We recommend carrying out the safety inspection at the DualLift GmbH factory.

Exceptional ambient conditions or conditions of operation may require additional safety checks according to the relevant accident prevention regulations for "Winching, lifting and towing devices (DGUV instruction 54) and the standard "Safety requirements on Suspended Access Equipment" (DIN EN1808).

This has to be agreed according to the application with DualLift previously.

4.5 Additional service in case of a triggered fallstop



If a catching operation took place with a DualLift fallstop, as part of an extraordinary safety inspection, the fastening of the fallstop, the suspension element and the safety rope must be checked by a qualified person. The fallstop must be sent to DualLift GmbH for a general overhaul. The operator of the service lift is responsible for this!

4.6 General overhaul of the OSL-T

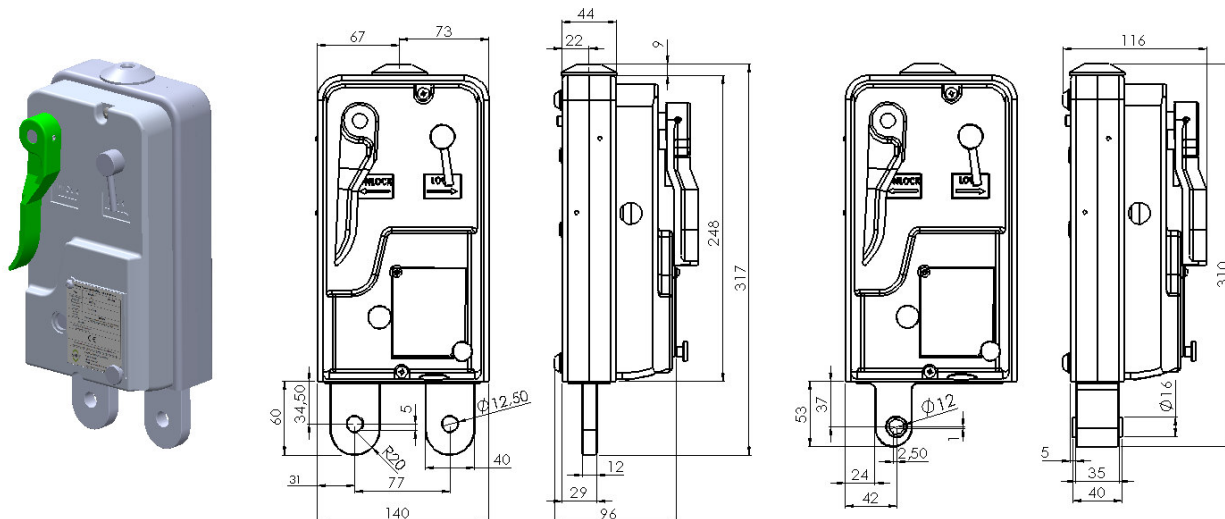
DualLift fallstops OSL and OSL-T must receive a general overhaul from the manufacturer at the latest after 200 operating hours or after a period of 4 years (whichever occurs first).

Evidence of the operating hours must be kept by the operator, e.g. through the use of a log book.

4.7 Maintenance of the fallstop

Any repairs to DualLift safety equipment may only be carried out by DualLift GmbH or by an equipment workshop authorized by DualLift and solely with the use of DualLift original spare parts.

5. Technical Datasheet



Fallstop / EN1808	Fallstop / ASME 17.7	Payload CE	Payload CSA (UL) *	Nominal Rope Diameter	Nominal Rope Speed	Tripping Speed**	Weight Without Ropes	Dimensions		
DualLift Device	DualLift Device	kg	kg (lbs)	mm	m/min	m/min	kg	Height mm	Width mm	Depth mm
OSL508T CE/ OSL508T CE E	OSL508T ULCS	600	500 (1100)	8	up to 20	30	7	317 (310)	140	116
OSL809T CE OSL809T CE E	OSL809T ULCS	800	650 (1400)	9	up to 20	30	7	317 (310)	140	116
OSL1010T CE OSL1010T CE E	OSL1010T ULCS	1000	800 (1750)	10	up to 20	30	7	317 (310)	140	116

Technical changes reserved

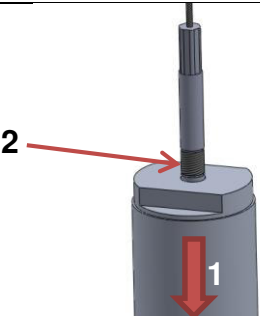
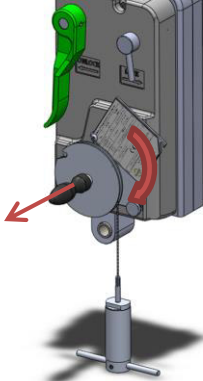
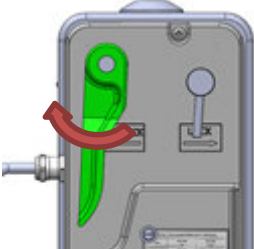
* Certification pending


** (max. 30m/min) adjustable by DualLift before delivery

6. Functional test of OSL-T



<p>1. Open the Cover of the OSL-T</p>	
<p>2. Place Rotating sheave</p>	
<p>3. Place Bowden cable with pulling Equipment</p>	
<p>4. Checking the Zero Mark at the pulling Equipment - the highlighted Area at the pin must not be visible</p>	

<p>5. Slowly pull down the Bowden cable (1) - the marked area must completely get visible (2)</p>	
<p>6. Quickly pull the Bowden cable (as shown in Point 5) in down direction - the Safety Device must trigger → After passing the Test, the Test set has to be removed, and the cover must be closed!</p>	
<p>6.1 Load test of the Safety Device OSL-T Actuate the Manual brake release lever of the Hoist: The OSL has to hold the LOAD of the SAE securely! → After passing the Test the Hoist has to be driven some cm Upwards, prior proceeding with step 7</p>	
<p>7. The safety Device can be unlocked again, and the Cover of the Inspection Opening can be closed.</p>	

	<p>Important The Tests described in the Operating and Mounting Instructions Manual for the Hoist must be performed in addition! Only if all checks have been passed successfully, can the SAE be used.</p>
---	---



EC Declaration of Conformity according to Annex II A of the Machinery Directive 2006/42/EC

The manufacturer: DualLift GmbH
Edisonstrasse 22
27711 Osterholz-Scharmbeck
Germany

We hereby declare that the serialized product specified hereinafter:

Description: Safety Lock with overspeed shutdown
Type: OSL508 CE, OSL809 CE, OSL1010 CE
Serial number: 700000 – 995000

Description: Safety Lock with overspeed shutdown and Test Equipment (Option T)
Type: OSL508T CE, OSL809T CE, OSL1010T CE
Serial number: T 700000 – T 995000

Description: Safety Lock with overspeed shutdown and CCV Equipment
Type: OSL508 CE, OSL809 CE, OSL1010 CE
Serial number: CCV 700000 – CCV 995000

is in conformity with all relevant regulations of the Machinery Directive 2006/42/EC and the alterations valid at the time of this declaration.

Applied harmonized standards, notably:
EN1808:2010 Safety requirements on suspended access equipment

Authorized representative for the composition of the technical documentation:
Frank Lülfiing, Chief Operating Officer, on the premises

Place/date: Osterholz-Scharmbeck, February, 11th, 2016

Name: Jörg Blasek
Capacity: Chief Executive Officer DualLift GmbH

Authorized
signature:



DualLift GmbH

Edisonstrasse 22
27711 Osterholz-Scharmbeck

www.dual-lift.com
info@dual-lift.com

Phone +49 (0) 4791 964 07-0
Fax +49 (0) 4791 964 07-27

Chief Executive Officers: Jörg Blasek, Frank Lüfing
DualLift is a registered trademark.

Trade register: HR Walsrode, B201091