



# Super Lift Rod Elevator

## Capacity 35,000 (Lb)/17.5 Ton

DESCRIPTION	NO. REQ.	PART NUMBER	REPAIR KIT CONTENTS	WEIGHT
Elevator, Complete (Without Plates & Screws)		553-575-000		32.5 (Lb)
<b>Components:</b>				
① Link	2	553-548-500	4	
② Rivet, Lever	2	553-548-800	4	
③ Spring	2	553-549-010	4	
④ Lever, Rear	2	553-551-000	4	
⑤ Pin, Link	4	553-551-400	8	
⑥ Latch, Release, Front	2	553-551-500	4	
⑦ Ring, Trunion	2	553-551-600	4	
⑧ Pin, Drive, Latch	2	553-766-100	4	
<b>Accessories:</b>				
⑨ Screw, Plate	4	553-554-000		
Screw (Allen Head), Plate	4	553-554-000A	8	
Plate	2			
5/8" and 3/4" Rods		553-550-000		
3/4" and 7/8" Rods		553-550-200		
1" Rods		553-550-700		
Kit, Repair (For two Elevators)		553-579-500		
Optional Elevators Available 1 1/4" Fibreglass		553-575-400		

### Elevator Introduction

Trico Sucker Rod Elevators are designed for strength, ease of operation and safety. Strength is guaranteed by the use of heat treated alloy steel bodies and forged steel bails. Ease of operation is assured by convenient location of operating latches and replaceable feature of both spring and plates. Safety is assured by two latches, either of which will hold the rod. The one-piece body with trunion pins is designed and constructed to provide proper balance under load, minimizing the possibility of kinking or distortion of the rods.

Rear levers are standard equipment, being conveniently located for ease of operation, and do not protrude to become caught on any object or to become damaged through handling.

All parts of these elevators are of high grade steel, properly heat treated, carefully machined and inspected,

and guaranteed to give long life and satisfactory service.

### Super Lift Rod Elevator

The Trico Super Lift-A type Elevator is for medium depth wells and the smaller rods on deep wells. The maximum rated capacity of the elevator in new condition is 35,000 pounds.

Trico SL-A Elevators come with the distinctive "I" Beam cross-section in the upper section of the bail which increases the strength while minimizing weight. Heat treatment of the bail and body balance hardness for wear resistance and ductility for resistance to cracking from impact or fatigue.

The three sizes of SL-A type elevators use a common body, bail and internal components. Any of the three different sets of plates can be installed to give flexibility in usage.

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### Fatigue Rated

Fatigue rated and tested to 1.5 times the maximum rated load for 20,000 cycles without failure in accordance with European Standard EN 1677-1.

### Low Temp

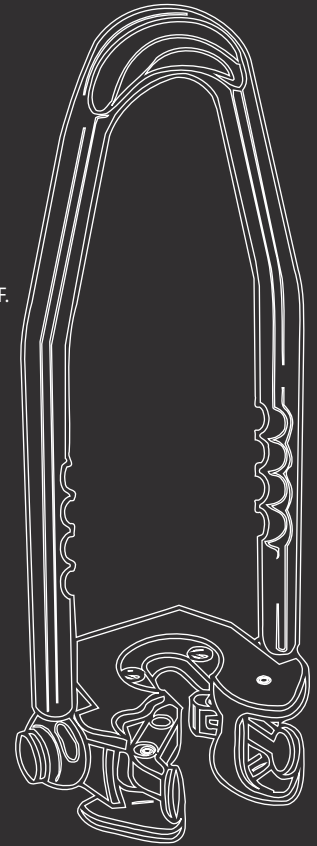
Suitable for low temperature service to -50° F.

### Load Rated

Minimum breaking force of all products is 4 times the maximum rated load in accordance with European Standard EN 1677 - 1 Exceeds API Specification 8C, 4th Edition for minimum breaking force requirements.

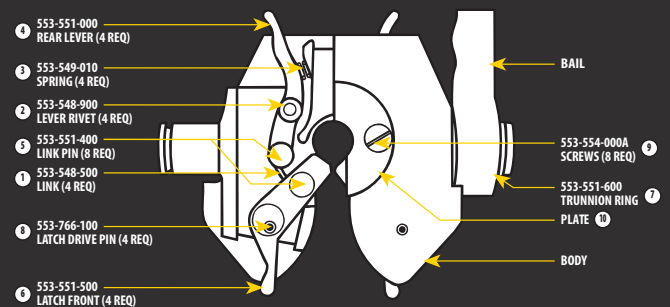
### Proof Tested

Proof tested to 1.5 the maximum rated load. Exceeds API Specification 8C for proof load test requirements.



## Elevator Repair Kit for Super Lift Elevator

### Part No. 553-579-500 (For Two Elevators)



### WARNING

At Topco we take risk management seriously by ensuring that all overhead lifting equipment to be re-certified is inspected and tested using the following criteria:

- Dimensional checks
- Critical area inspections
- Wear allowance checks
- Load testing to 1.5 times rated load
- NDE inspections

These criteria exceed the CAODC Level IV inspections requirements for re-certification and reduce the risk of failure when operated to within its rated capacity. The load tests provide additional confidence that the equipment is suitable for continued service.