

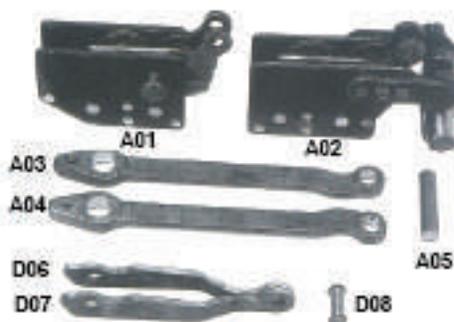


**WIRE ROPE WINCH
1.5 TON**



WIRE ROPE WINCH 1.5TON PARTS LIST

I



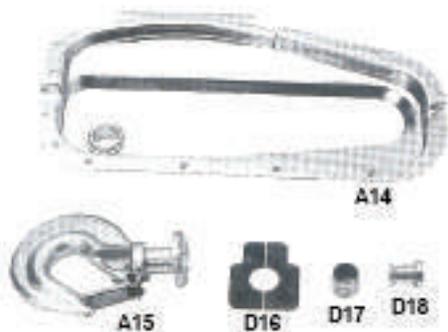
IV



II



III

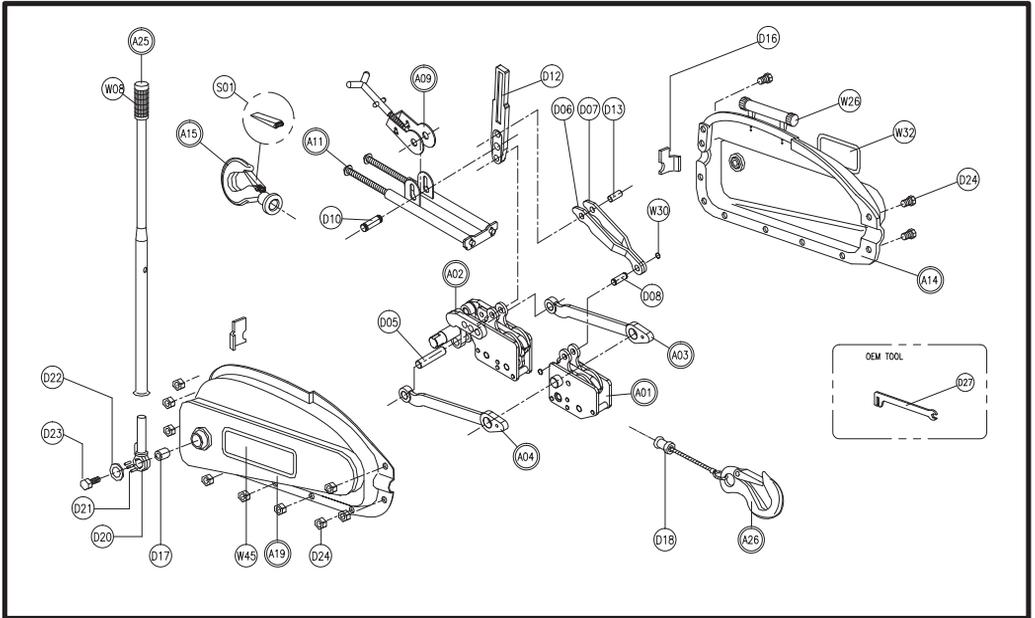


V



WIRE ROPE WINCH DW-15

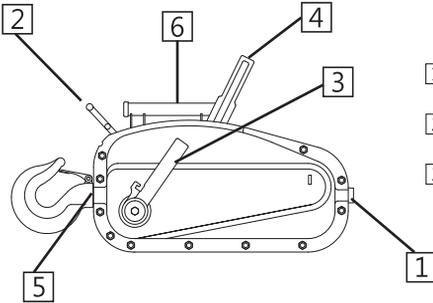
WIRE WINCH 1.5TON



Item	Description	Quantity	Remark
A01	REAR ASS'Y	1	
A02	FRONT ASS'Y	1	
A03	RH SIDE LINK ASS'Y	1	
A04	LH SIDE LINK ASS'Y	1	
D05	FORWARD BLOCK PIN	1	
D06	RH BENDING LINK	1	
D07	LH BENDING LINK	1	
D08	LINK PIN	1	
A09	RELEASE LEVER SET	1	
D10	HORMS PIN	1	
A11	SUSPENSION SET	1	
D12	BACK LEVER	1	
D13	FLAT PIN	2	
A14	RH COVER ASS'Y	1	
A15	TOP HOOK ASS'Y	1	
S01	SAFETY LATCH SET	1	
D16	HOOK WASHER	2	

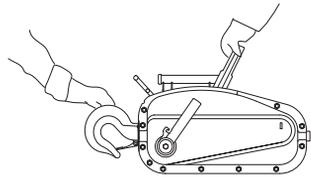
Item	Description	Quantity	Remark
D17	DU-BEARING	2	
D18	WIRE GUIDE	1	
A19	LH COVER ASS'Y	1	
D20	FORWARD LEVER	1	
D21	PIN	3	
D22	WASHER	1	
D23	BOLT	1	
D24	BOLT - NUT	11	
A25	HANDLE ASS'Y	1	
A26	WIRE SET	1	
D27	SPANNER	1	
W08	RUBBER GRIP	1	
W26	PLUG FOR CARRYING HANDLE	2	
W30	SNAP RING	2	
W32	NAME PLATE B	1	
W45	NAME PLATE A	1	

WIRE ROPE WINCH DW-15

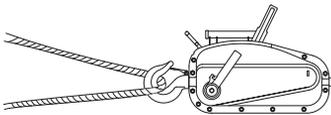


- 1 Rope entry
- 2 Release lever
- 3 Operation lever
- 4 Reversing lever
- 5 Rope exit
- 6 Carrying Handle
(Containing two sets of spare shear pins)

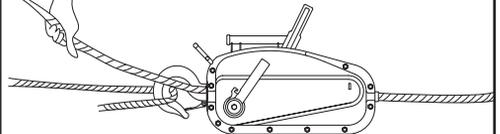
1 BEFORE OPERATION, PLEASE POUR LUBRICATING OIL INTO MACHINE THEN MOVE REVERSING LEVER SO AS TO MAKE OIL PERVADE INSIDE PARTS.



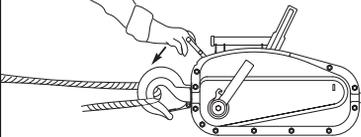
2 ATTACH the hook of the machine to a suitable anchorage point by means of a sling.



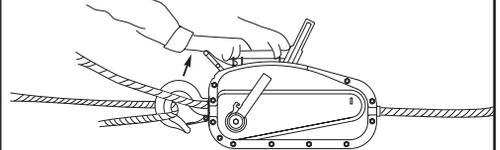
5 PULL the wire rope through by hand to take up the slack, and ensure that the rope exit 5 is not obstructed.



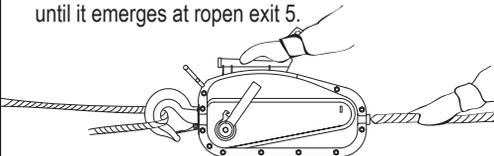
3 TO RELEASE the unit, pull the release lever 2 into the notched position, Incline operating lever 3 away from the hook.



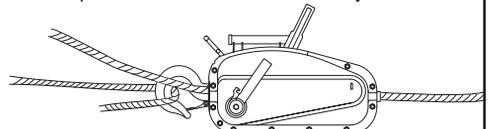
6 TO ENGAGE the machine on the rope, lift the release lever 2 from the notched position and allow it to spring back to its natural position.



4 After releasing the machine, INSERT the tapered end of the rope into the rope entry 1. and push it through until it emerges at rope exit 5.



7 PLACE the telescopic handle onto either 3 or 4 depending upon whether forward or reverse action is required. The machine is now ready for use.



WARNING

< GENERAL WARNING AGAINST OPERATION >

1. DAESAN wire rope winch (machine) allows the operator to carry out work with complete safety. Ensure that the machine is only handed over for use or rigging to an operator who is trained to operate it in a responsible manner.
2. Never use a machine which is not in good condition. Replace any worn or damaged wire rope. Continuous monitoring of the condition of the machine, its wire rope and anchor sling is an important safety consideration.
3. The manufacturer declines any responsibility for the consequences of dismantling or altering the machine by any unauthorized person. Specially excluded is the replacement of original parts by parts of another manufacturer.
4. The machine must not be used for lifting people.
5. The machine is designed for manual operation and must not be motorized.
6. Never attempt overload the machine.
7. This machine is not designed for use in explosive atmosphere.
8. Always remember that a load moved over any degree of angle of slope is defined as "LIFTING" and all calculation to determine the effort required to move a load must be based on the maximum working load of the machine. "PULLING" only applies to a direct horizontal line pull.
9. Never obstruct the operating levers or the rope release lever.
10. Never operate the forward and reverse operating lever at the same time.
11. Never attempt to operate the rope release mechanism while the machine is under load.
12. Never use a handle, other than the telescopic operating handle supplied, to operate the machine.
13. Never anchor the machine other than by its appropriate anchor point.
14. Never use the wire rope as a sling.
15. Never attempt to reverse the rope completely through the machine while under the load.
16. Never apply a load to the loose wire rope existing from the anchor point of the machine.

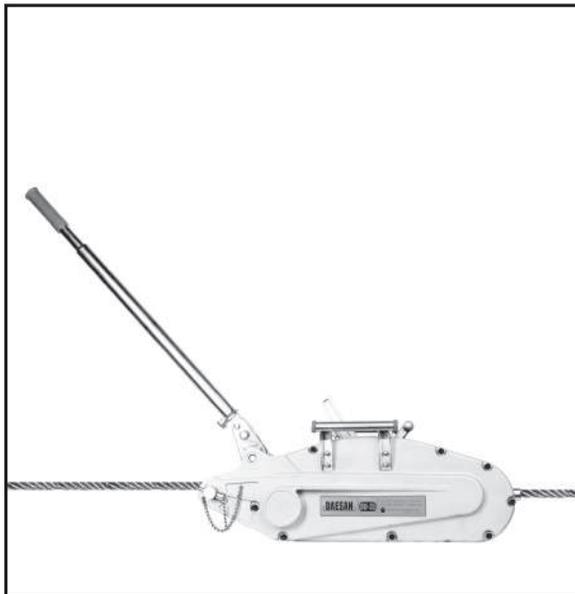


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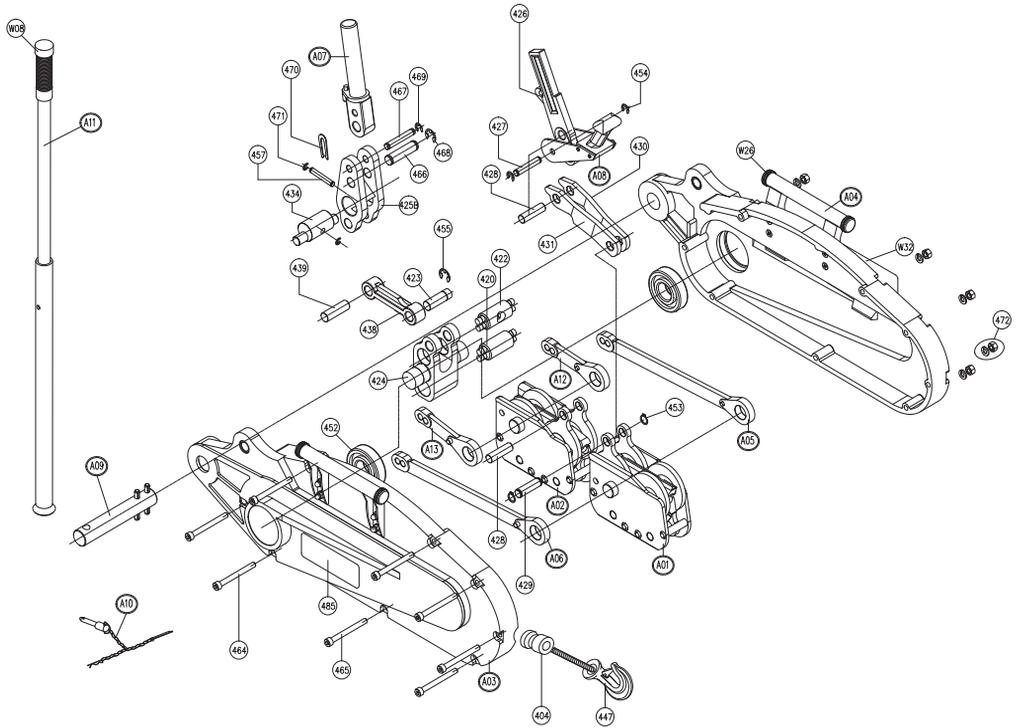


**WIRE ROPE WINCH
3 TON**



WIRE ROPE WINCH DW-35

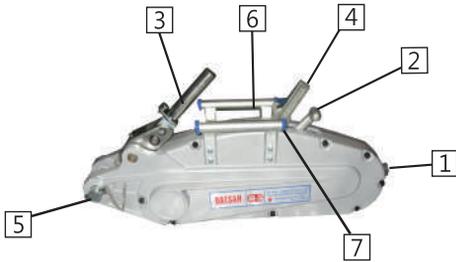
WIRE WINCH 3TON



Item	Description	Quantity	Remark
A01	REAR ASSY	1	
A02	FRONT ASSY	1	
A03	R.H CASING ASSY	1	
A04	L.H CASING ASSY	1	
A05	R.H REAR JAW CONNECTING ROD ASSY	1	
A06	L.H REAR JAW CONNECTING ROD ASSY	1	
A07	OPERATING HANDLE STUD ASSY	1	
A08	RELEASE LEVER ASSY	1	
A09	ANCHOR PIN ASSY	1	
A10	ANCHOR PIN STUD ASSY	1	
A11	TELESCOPIC OPERATING HANDLE ASSY	1	
A12	R.H FRONT JAW CONNECTING ROD ASSY	1	
A13	L.H FRONT JAW CONNECTING ROD ASSY	1	
404	ROPE GUIDE	1	
420	SPINDLE FOR REAR CONNECTING ROD	1	
422	SPINDLE FOR FRONT CONNECTING ROD	1	
423	CRANK BRAKE PIN	1	
424	CRANK	1	
425	OPERATING HANDLE	1	
426	REVERSING LEVER	1	
427	BRAKE PIN RELEASE LEVER	1	
428	PIN FOR REVERSING LEVER	2	
429	BRAKE PIN FOR LARGE JAW LINK	1	
430	R.H REVERSING LEVER LINK	1	

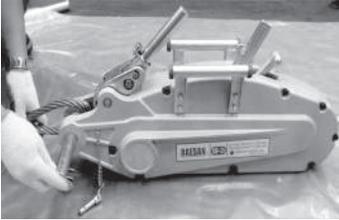
Item	Description	Quantity	Remark
431	L.H REVERSING LEVER LINK	1	
434	SPEED CONTROL CRANK	1	
438	LINK FOR OPERATING HANDLE	1	
439	LINK PIN	1	
447	WIRE ROPE ASSY	1	
452	BALL BEARING	2	
453	SNAP RING	2	
454	E-RING	2	
455	E-RING	1	
457	GROOVED PIN FOR SPEED CRANK	1	
464	LONG HEX BOLT	2	
465	SHORT HEX BOLT	7	
466	TELESCOPIC HANDLE LEVER STUD	1	
467	SAFETY PIN	1	
468	E-RING	1	
469	E-RING	1	
470	U-RING	1	
471	E-RING	2	
472	HEX NUT S/W	9	
485	NAME PLATE A	1	
W08	RUBBER GRIP	1	
W26	PLUG FOR CARRYING HANDLE	2	
W32	NAME PLATE B	1	

INSTALLING WIRE ROPE & OPERATION

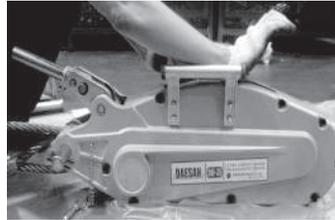


- 1 ROPE GUIDE
- 2 RELEASE LEVER
- 3 OPERATING LEVER
- 4 REVERSING LEVER
- 5 ANCHOR PIN
- 6 CARRYING HANDLE
- 7 SAFETY PINS (SPARE PARTS)

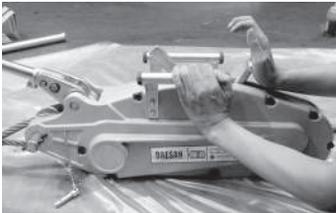
- 1** Anchor the wire rope winch (machine) or the wire rope to the appropriate fixed point taking care to insure that the anchor pin is correctly fixed.



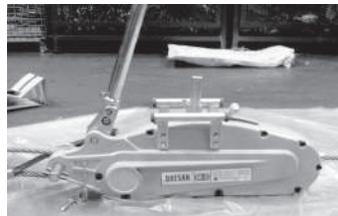
- 4** Push the wire rope through the machine, and if necessary, helping it by operating the forward operating lever. When the wire rope appears through the anchor point, pull the slack wire rope through the machine, to the point required. Engage the jaw by by operating the rope release lever back completely toward the rope entry guide.



- 2** Completely push the rope release lever (2) to the anchor pin (5) into the notched position. The internal mechanism is now released and the jaws to open.



- 5** Place the telescopic operating handle on either the forward or reverse operating lever, lock it into position by twisting, and move the operating handle to and fro. The to-and-fro operation of the forward and reverse lever gives continuous movement of the load.



- 3** Insert the fused and tapered end of the wire rope through the rope guide at the end opposite to the anchor.



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