

PROUDLY AUSTRALIAN



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Version 1 – July 2011

MANUAL LOAD BINDER WINCH

PART NO 30/177980

OPERATOR'S MANUAL



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MANUAL LOAD BINDER WINCHES

GENERAL OVERVIEW

Elphinstone MANUAL load binder/winch has a lashing capacity of 5000 kg and has been tested to AS/NZS-4380:2001 Motor Vehicles – Cargo Restraint Systems

When throwing the straps over the load care should be taken to ensure that there is no possibility of injuring others in the area.

It is important to ensure that sufficient tension has been placed on the strap to restrain the load.

For further assistance call 1800 030 019 or 03 62573 242

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LOGGING TRAILERS

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NORMAL OPERATION

1. Release locking pawl.



2. Unhook strap. This allows drum to run free and strap can be pulled off drum.



Ref: Manual Winch Operation.doc

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3. Throw over load ensuring there are no twists in strap, hook up to anchor point on other side of trailer.



4. Roll up loose strap on winch drum.



Ref: Manual Winch Operation.doc

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5. Engage pawl.
- 6 Use hexagonal head winch handle and tension. Check that pawl is fully engaged in sprocket



TO RELEASE

- i. Use hexagonal head winch handle and take pressure off pawl.
- ii. Disengage pawl.
- iii. Pull strap loose



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- iii. Release anchored end of strap by remote release if fitted or by going to the anchor point and releasing.



- iv. Pull strap from load. Watch for any loose logs or bark that could be pulled off top of load with strap.

- iv. Roll up strap onto drum.



- v. Hook end of strap onto anchor lug on winch.



- vi. Engage pawl and tension loose strap.



(From May 2006)



PARTLIST.DOT

COMPONENT: **TIE DOWN WINCHES - Manual (From May 2006)**

INDEX	PART NO.	QTY	DESCRIPTION	SIZE
	30/177980	1	WINCH ASS'Y. Replaceable Bearings Right Hand Operation. Consists Of Index No's 1 - 18	
1	30/177907	1	SIDE PLATE. Left Hand	
2	30/177978	1	SIDE PLATE. Right Hand c/w Pawl Bush	
3	30/177909	1	GEAR WHEEL	
4	30/177910	1	PAWL. Locking	
5	30/177957PP	1	ANCHOR. Strap Winch	
6	30/177912	1	BOLT. Pawl Pivot	
7	30/177945	2	BEARING. Drum Pivot	
8	30/177979	1	DRUM ASS'Y. Bare	
9	30/177915	1	HANDLE. Rotating	
10	90/960006	1	WASHER. Spring 3/8" Z/Pltd	3/8"
11	18/GN319240M10	1	KNOB. Revolving Ball	
12	90/982016Z	1	BOLT 2"x1"UNS-14TPI GRD8	1"-14TPI x 2"
13	90/970016	2	WASHER. Flat Round H/T	1"
14	90/981516LHZ	1	BOLT Left Hand 1-1/2" x 1" UNS	1"-14TPI x 1-1/2"
15	90/881508FZ	6	BOLT. Flange. Zinc Coated	1/2" x 1 1/2" UNF
16	90/889908FZ	6	NUT. Flange. Zinc Coated	1/2"UNF
17	30/177958	1	COVER. Stainless Steel	
18	15/132170	1	STICKER. Pinch Point	
	30/177980-L	1	WINCH ASS'Y. Replaceable Bearings. Left Hand Operation. Consists Of Index No's 1 - 18	
1	30/177907	1	SIDE PLATE. Left Hand	
2	30/177978	1	SIDE PLATE. Right Hand c/w Pawl Bush	
3	30/177984	1	GEAR WHEEL c/w Left Hand Handle	
4	30/177910	1	PAWL. Locking	
5	30/177957PP	1	ANCHOR Strap Winch	
6	30/177912	1	BOLT. Pawl Pivot	
7	30/177945	2	BEARING. Drum Pivot	
8	30/177979	1	DRUM ASS'Y. Bare	
9	30/177915	1	HANDLE. Rotating	
10	90/960006	1	WASHER. Spring 3/8" Z/Pltd	3/8"
11	18/GN319240M10	1	KNOB. Revolving Ball	
12	90/982016Z	1	BOLT 2"x1"UNS-14TPI GRD8	1"-14TPI x 2"
13	90/970016	2	WASHER. Flat Round H/T	1"
14	90/981516LHZ	1	BOLT Left Hand 1-1/2" x 1" UNS	1"-14TPI x 1-1/2"
15	90/881508FZ	6	BOLT. Flange. Zinc Coated	1/2" x 1 1/2" UNF
16	90/889908FZ	6	NUT. Flange. Zinc Coated	1/2"UNF
17	30/177958	1	COVER. Stainless Steel	
18	15/132170	1	STICKER. Pinch Point	
			Optional Extra (Not part of the above)	
19	30/177986	1	WINCH BAR ASS'Y.	
	60/WC-5		WEBBING. Truck/Winch 75mmx9mtr 5 Tonne. Triangle	
	60/WC-5HK		WEBBING. Truck/Winch 75mmx9mtr 5 Tonne. Hook and Keeper	
			Other Lengths Available on Request.	