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#### **MANUAL LOAD BINDER WINCH**

PART NO 30/177980

## **OPERATOR'S MANUAL**







#### 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



#### **NORMAL OPERATION**

1. Release locking pawl.



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







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.





- Engage pawl.
- 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





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.



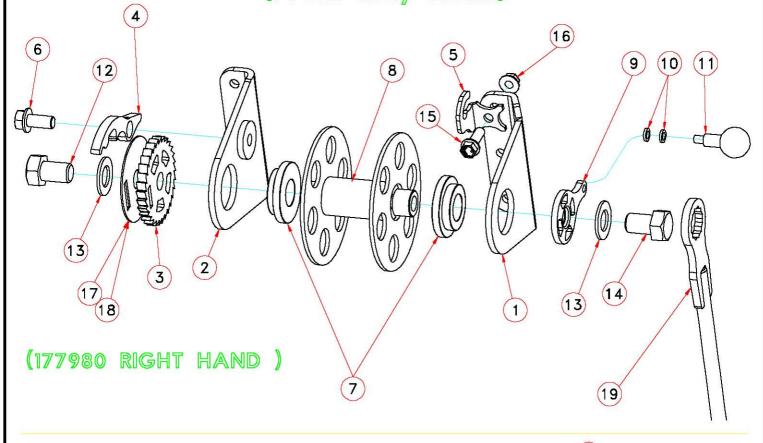
vi. Engage pawl and tension loose strap.

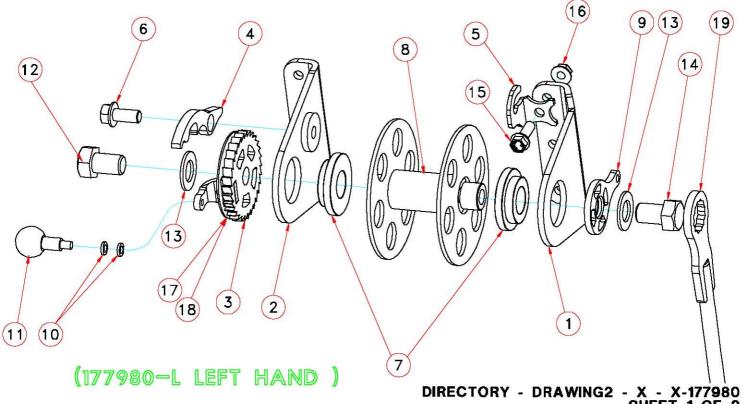




# TIE DOWN WINCHES - MANUAL REPLACEABLE BEARINGS

(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 C	CONTROL OF THE PARTY OF THE PAR
	30/1///30	1850	Consists Of Index No's 1 - 18	Portugui
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	Macentain Actual Retains (PROCES)
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	
	20.455000 T	(Ca)	WINCII ACCIV Deplements Descrings Left Hand O	
	30/177980-L	1	WINCH ASS'Y. Replaceable Bearings. Left Hand Op Consists Of Index No's 1 - 18	peration.
			Consists of Index ( to 51 10	
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	Line Control
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"
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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. Triat	124
	60/WC-5HK			and Keeper
			Other Lengths Available on Request.	