



**POWERMASTER
20K BUMPER WINCH**

*** CONFIRM MOTOR PORTS UP OR MOTOR PORTS DOWN
FOR CORRECT HOSE ASSEMBLY**

PARTS LIST – POWERMASTER 20K BUMPER WINCH

ITEM	QTY.	PART NO	DESCRIPTION	ITEM	QTY.	PART NO	DESCRIPTION
1	1	247040	OUTPUT CARRIER	33	1	432018	FITTING-90 DEGREE ELBOW, -4 SAE ORING TO -4 JIC
2	1	296673	CLUTCH END BEARING	34	1	432044	FITTING-45 DEGREE ELBOW, -4 SAE ORING TO -4 JIC
3	1	296674	MOTOR END BEARING	35	1	442223	GASKET-MOTOR
4	3	296675	INPUT PLANET GEAR ASSEMBLY	36	1	456008	RELIEF FITTING
5	1	303127	ANGLE-TOW	37	1	458144	MOTOR-HYD (14.9) CU IN 1" SHAFT
6	1	317015	CARRIER-INPUT	38	1	462067	O-RING-2.225 ID X .210 THK, 2-331
7	1	328166	COVER-CLUTCH HOUSING	39	1	462068	O-RING-3.10 ID X .210 THK, 2-338
8	7	330011	STATOR-BRAKE	40	1	462069	O-RING-2.975 ID X .210 THK, 2-337
9	6	330012	DISC-BRAKE FRICTION	41	1	462070	RING-BACKUP, 3.143 ID X .076 THK, 8-338
10	1	330013	PISTON-BRAKE	42	1	462071	RING-BACKUP, 3.018 ID X .076 THK, 8-337
11	1	330014	PISTON-BACKUP BRAKE	43	1	462072	RING-BACKUP, 2.268 ID X .076 THK, 8-331
12	1	330015	PUCK-DRAG, DRUM FREESPOOL	44	1	462077	O-RING-6.984 ID X .139 THK, 2-262, CLUTCH HSG CVR
13	1	332231	DRUM-MACHINED	45	1	462078	O-RING-.549 ID X .103 THK, 2-113, SHIFTER SHAFT
14	1	355139	SHAFT-INPUT	46	2	468016	PLUG-PIPE 1/8-27NPTF SOC HD
15	1	355141	SHAFT-SHIFTER	47	2	468041	PLUG, -8 SAE, 3/4"-16 UNF
16	1	355144	SHAFT-OUTPUT	48	1	470033	SPIROL PIN
17	1	296682	SHIFT LEVER ASSEMBLY	49	3	470060	SPRING PIN-3/16 X 1/2 LG
18	1	370065	CLUTCH-YOKE	50	1	470103	PIN-SPRING, .25 X 1.0 LG
19	1	370061	YOKE-SHIFTER	51	1	470104	PIN-SPRING, .25 X 1.5 LG
20	1	408364	BRACKET-SHIFTER DETENT	52	3	470107	PIN-INPUT PLANET
21	1	412115	BUSHING-CLUTCH HOUSING COVER	53	6	470123	PIN-SPRING, .188 X 1.00 LG
22	1	412132	BUSHING-DRUM	54	1	486066	SEAL-SHAFT OIL
23	2	414038	CAPSCREW-1/4-20NC X .75 LG HX HD GR5 Z/P	55	2	486093	SEAL-DRUM
24	2	414511	CAPSCREW-1/2-13 X 2.0 LG SOC HD	56	2	490049	RING-INTERNAL RETAINING
25	6	414513	CAPSCREW-1/2-13UNC X 2.00 LG HX HD GR8 Z/P	57	1	490061	RING-EXTERNAL RETAINING, OUTPUT SHAFT
26	1	414772	CAPSCREW-3/4-16NF X 2.0 LG HX HD GR5	58	1	494002	SPRING-DRUM FREESPOOL
27	6	414906	CAPSCREW-3/8-16NC X 1.5 LG SOC HD F/B	59	11	494124	SPRING-BRAKE
28	3	414935	CAPSCREW-3/8-16NC X 2.5 LG SOC HD	60	1	516011	VALVE-MOTOR CONTROL
29	1	416057	SETSCREW-3/8-16NCX3/8LG,HX SOCHD CU	61	1	518071	THRUST WASHER
30	1	418098	NUT-3/4-16NF HEX JAM	62	1	530094	SPACER-BRAKE DISC
31	2	418149	LOCKWASHER-1/4 MED SECTION,ZINC PLT	63	1	509130	HOSE ASSEMBLY - PORTS DOWN
32	1	431023	COUPLING-MOTOR	64	1	509142	HOSE ASSEMBLY - PORTS UP
				65	2	468018	PLUG - 3/8" -18 NPTF HX SOC



POWERMASTERTM SERIES

By 

Limited Warranty

RAMSEY WINCH warrants each new RAMSEY WINCH to be free from defects in material and workmanship for a period of one (1) year from date of purchase.

The obligation under this warranty, statutory or otherwise, is limited to the replacement or repair at the Manufacturer's factory, or at a point designated by the Manufacturer, of such part that shall appear to the Manufacturer, upon inspection of such part, to have been defective in material or workmanship.

This warranty does not obligate RAMSEY WINCH to bear the cost of labor or transportation charges in connection with the replacement or repair of defective parts, nor shall it apply to a product upon which repair or alterations have been made, unless authorized by Manufacturer, or for equipment misused, neglected or which has not been installed correctly.

RAMSEY WINCH shall in no event be liable for special or consequential damages. RAMSEY WINCH makes no warranty in respect to accessories such as being subject to the warranties of their respective manufacturers.

RAMSEY WINCH, whose policy is one of continuous improvement, reserves the right to improve its products through changes in design or materials as it may deem desirable without being obligated to incorporate such changes in products of prior manufacture.

If field service at the request of the Buyer is rendered and the fault is found not to be with RAMSEY WINCH's product, the Buyer shall pay the time and expense to the field representative. Bills for service, labor or other expenses that have been incurred by the Buyer without approval or authorization by RAMSEY WINCH will not be accepted.

See warranty card for details.



Ramsey Winch Company

Post Office Box 581510

Tulsa, Oklahoma 74158-1510

Telephone: (918) 438-2760 FAX: (918) 438-6688

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