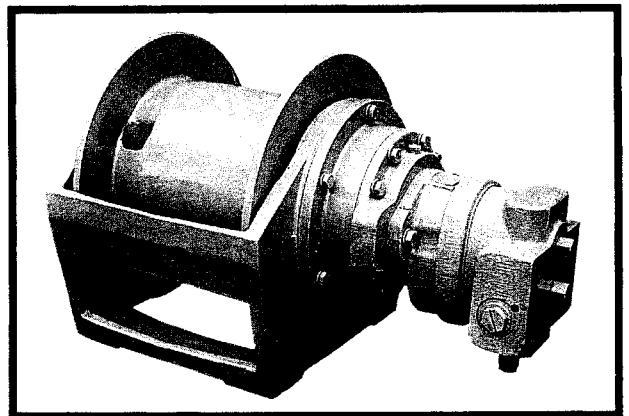


MATERIAL LIST

BRADEN

BG6A

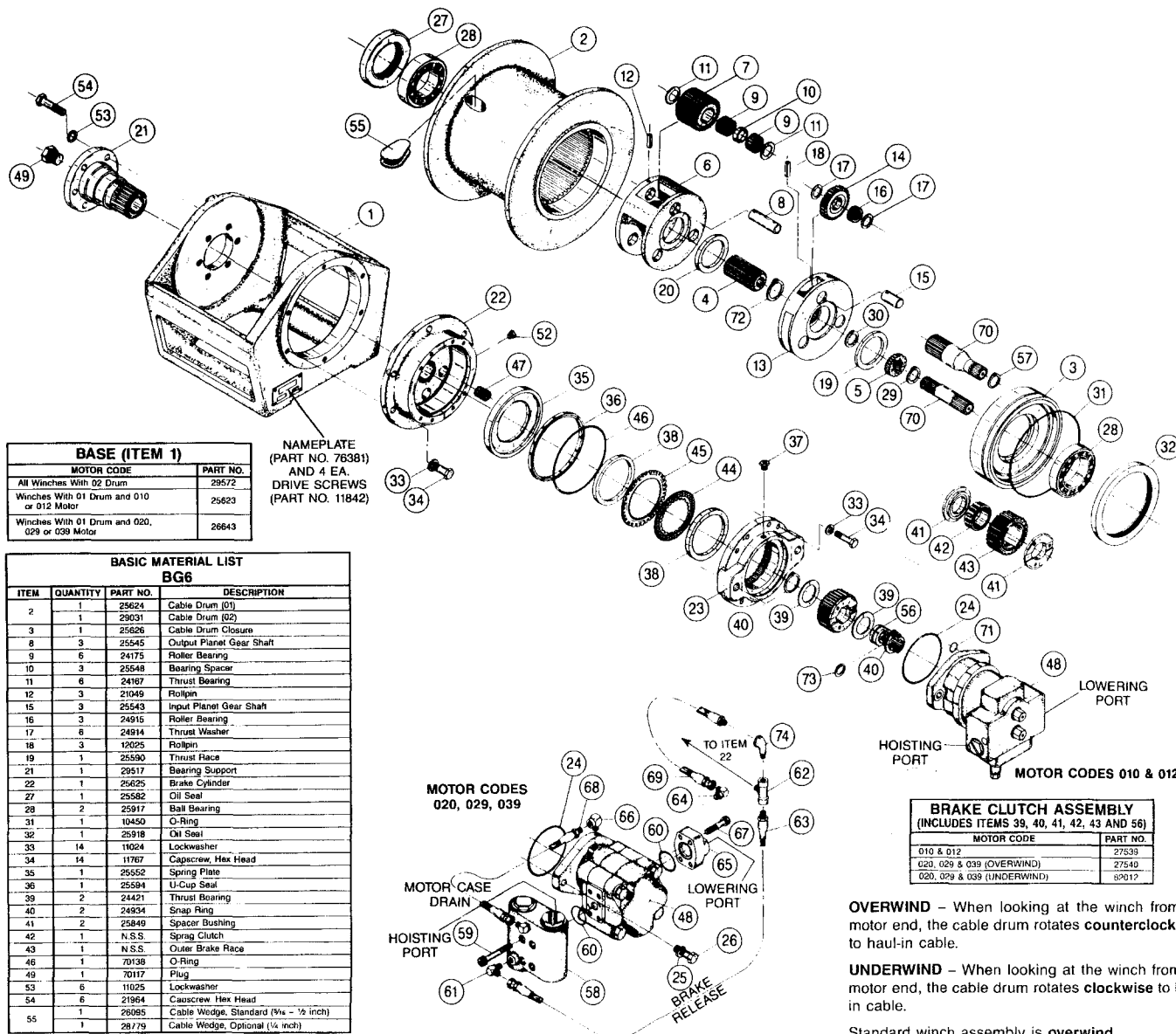


BG-108
10/96
Printed in U.S.A.

PACCAR WINCH DIVISIONS

P.O. BOX 547 • BROKEN ARROW, OK U.S.A. 74013
PHONE (918) 251-8511 • FAX (918) 258-4822

BRADEN/GEARMATIC BG6A COMPONENTS



BASE (ITEM 1)	
MOTOR CODE	PART NO.
All Winches With 02 Drum	29572
Winches With 01 Drum and 010 or 012 Motor	25623
Winches With 01 Drum and 020, 029 or 039 Motor	26643

BASIC MATERIAL LIST BG6			
ITEM	QUANTITY	PART NO.	DESCRIPTION
2	1	25624	Cable Drum (01)
3	1	29031	Cable Drum (02)
8	3	25626	Cable Drum Closure
9	6	25545	Output Planet Gear Shaft
10	3	24175	Roller Bearing
11	6	25548	Bearing Spacer
12	3	24167	Thrust Bearing
13	3	21049	Rollpin
14	3	25543	Input Planet Gear Shaft
15	3	24915	Roller Bearing
16	6	24914	Thrust Washer
17	3	12025	Rollpin
18	1	25590	Thrust Race
19	1	29517	Bearing Support
20	1	25625	Brake Cylinder
21	1	25582	Oil Seal
22	2	25917	Ball Bearing
23	1	10450	O-Ring
24	1	25918	Oil Seal
25	14	11024	Lockwasher
26	14	11767	Capcrew, Hex Head
27	1	25552	Spring Plate
28	1	25594	U-Cup Seal
29	2	24421	Thrust Bearing
30	2	24934	Snap Ring
31	2	25849	Spacer Bushing
32	1	N.S.S.	Spring Clutch
33	1	N.S.S.	Outer Brake Race
34	1	70138	O-Ring
35	1	70117	Plug
36	6	11025	Lockwasher
37	6	21964	Capcrew, Hex Head
38	1	26055	Cable Wedge, Standard (3/4 - 1/2 inch)
39	1	26179	Cable Wedge, Optional (1/4 inch)

BRAKE CLUTCH ASSEMBLY (INCLUDES ITEMS 39, 40, 41, 42, 43 AND 56)	
MOTOR CODE	PART NO.
010 & 012	27539
020, 029 & 039 (OVERWIND)	27540
020, 029 & 039 (UNDERWIND)	82012

OVERWIND - When looking at the winch from the motor end, the cable drum rotates **counterclockwise** to haul-in cable.

UNDERWIND - When looking at the winch from the motor end, the cable drum rotates **clockwise** to haul-in cable.

Standard winch assembly is **overwind**.

MATERIAL LIST VARIABLES					
		67.06:1 RATIO 010 & 012 MOTORS	29.00:1 RATIO 020, 029 & 039 MOTORS	29.00:1 RATIO 012 MOTOR	
ITEM	QTY.	PART NO.	PART NO.	PART NO.	DESCRIPTION
0	1	81790	81915	81915	Primary Planet Carrier Assembly (w/Item 4)
0	1	81791	81917	81917	Output Planet Carrier Assembly
4	1	25634	25544	25544	Output Sun Gear
5	1	—	25547	25547	Primary Sun Gear
6	1	25630	25532	25532	Output Planet Carrier
7	3	25632	25546	25546	Output Planet Gear
13	1	25629	25531	25531	Primary Planet Carrier
14	3	25631	25556	25556	Primary Planet Gear
20	1	13680	25590	25590	Thrust Race
23	1	25919	26091	25919	Motor Adapter
24	1	25727	21063	25727	O-Ring
25	2	18003	11026	18003	Lockwasher
26	2	21961	13413	21961	Capcrew, Hex Head
29	1	—	25589	25589	Snap Ring
30	1	11953	13023	13023	Snap Ring
37	1	18062	10074	10074	Relief Valve
38	3	25550	—	—	Brake Plate Spacer
38	2	—	25550	25550	Brake Plate Spacer
44	5	25541	—	—	Friction Disc
44	7	—	25541	25541	Friction Disc
45	6	25540	—	—	Brake Disc
45	8	—	25540	25540	Brake Disc
47	6	24916	26094	26094	Brake Spring
47	1	27126	—	—	Hydraulic Motor Code 010
47	1	27127	—	27127	Hydraulic Motor Code 012
48	1	—	25386	—	Hydraulic Motor Code 020
48	1	—	25385	—	Hydraulic Motor Code 029
48	1	—	25515	—	Hydraulic Motor Code 039
52	1	25663	24784	25663	Hex Head Plug
56	1	N.S.S.	N.S.S.	N.S.S.	Inner Brake Race
57	1	25589	—	25589	Snap Ring
58	1	—	81715	—	Brake Valve Assembly
59	4	—	25622	—	Capcrew, Socket Head
60	2	—	25366	—	O-Ring
61	1	—	25302	—	Elbow Fitting
62	1	—	22934	—	Yee — Male Branch
63	1	—	13706	—	Hose Assembly, 16 inch (020, 039 Motors)
63	1	—	13707	—	Hose Assembly, 17 inch (029 Motor)
64	1	—	25131	—	Elbow w/O-Ring
65	1	—	25539	—	Split Flange Adapter
66	1	—	24236	—	Reducer Elbow
67	4	—	13544	—	Capcrew, Socket Head
68	1	—	13711	—	Hose Assembly, 10 inch
69	1	—	13710	—	Hose Assembly, 8 inch
70	1	26288	26092	26524	Input Shaft
71	1	24520	—	24520	O-Ring
72	1	11953	25568	25568	Snap Ring
73	1	—	32115	—	Retaining Ring
74	1	—	13708	—	Elbow, Street

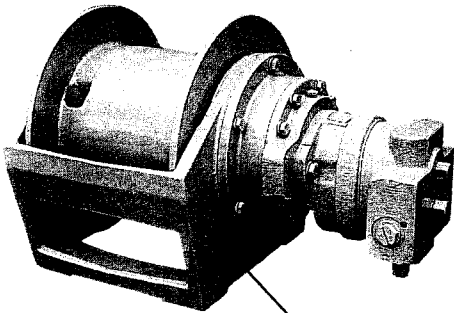
N.S.S. = NOT SERVICED SEPARATELY

BG6 O-RING AND SEAL KIT PART NUMBER 61774			
ITEM	QUANTITY	PART NO.	DESCRIPTION
24	1	25727	O-Ring (Motor Codes 010 & 012)
24	1	21063	O-Ring (Motor Code 020)
27	1	25582	Oil Seal
71	1	24520	O-Ring (Motor Codes 010 & 012)
31	1	10450	O-Ring
32	1	25918	Oil Seal
36	1	25594	U-Cup Seal
46	1	70138	O-Ring
49	1	70117	Oil Level Plug w/O-Ring
52	1	25663	Hex Head Plug w/O-Ring (Motor Codes 010 & 012)
60	2	25366	O-Ring

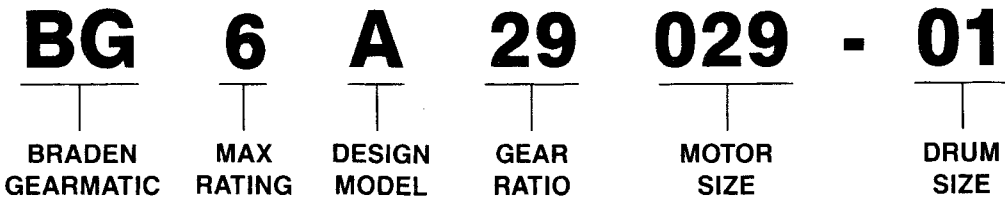
Counter Balance Valve Seal Kit for Motor Codes 010 & 012 - Part No. 26559
Motor Shaft Seal Only for Motor Codes 010 & 012 - Part No. 26531

FOR BEST RESULTS, USE ONLY GENUINE BRADEN REPLACEMENT PARTS

Model Number and Serial Number are stamped into a plate on the motor end of the base, below and to the left of the motor. Always refer to the Model Number and Serial Number when requesting information or ordering service parts.



EXPLANATION OF MODEL NUMBER



- BG** DESIGNATES BRADEN GEARMATIC
- 6** DESIGNATES 6,000 lb (2,720 kg) FIRST LAYER LINE PULL
- A** DESIGNATES THE MODEL SERIES RELATING TO DESIGN CHANGES
- 29** DESIGNATES TOTAL GEAR REDUCTION
- 029** DESIGNATES HYDRAULIC MOTOR DISPLACEMENT IN CU IN/REV
DECIMAL POINT ELIMINATED (029 = 2.9 cu in./rev [48 cu cm])
- 01** DESIGNATES THE DRUM

TO ORDER —

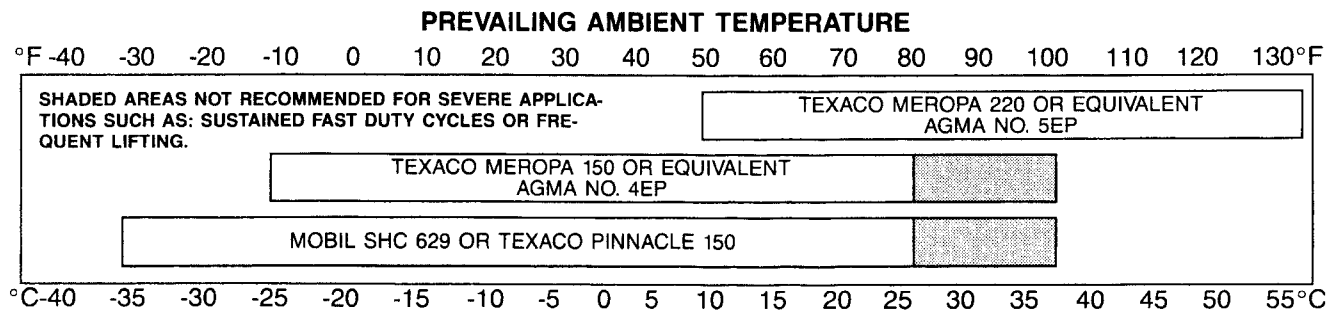
- (1) List model and serial numbers of the winch.
- (2) Refer to exploded view and select the component(s) needed and note item number.
- (3) Find item number on material list, show part number, description and quantity required on your order.
- (4) Refer to Parts Price list and show price for each component or assembly.

RECOMMENDED PLANETARY GEAR OIL

For simplicity, BRADEN has listed one (1) readily available product in each temperature range which has been tested and found to meet our specifications. This is not to say that other lubricant brands would not perform equally as well.

If the following lubricant brands are not available in your area, make certain your lubricant vendor supplies you with oil that is equivalent to those products listed below.

BRADEN planetary winches are factory filled with Texaco Meropa 150 gear oil or equivalent industrial grade gear lubricant meeting AGMA 4EP with ISO viscosity grade 150. If there is still any doubt as to the suitability of a lubricant, contact the BRADEN Service Department, providing a copy of the product specification.



BG6A oil capacity is 2 pints