

PARTS LIST SECTION

CARCO MODEL G-80-PS PSM AND PSC WINCH (WITH INTERNAL FILTERS)

For control stand, cables, hydraulic hoses, pumps,
and fittings see adapter section of this manual

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Note: Purchased parts, such as bearings and oil seals may be substituted with parts of equal quality on the manufacturer's recommendation, and with the approval of Pacific Car and Foundry Company.

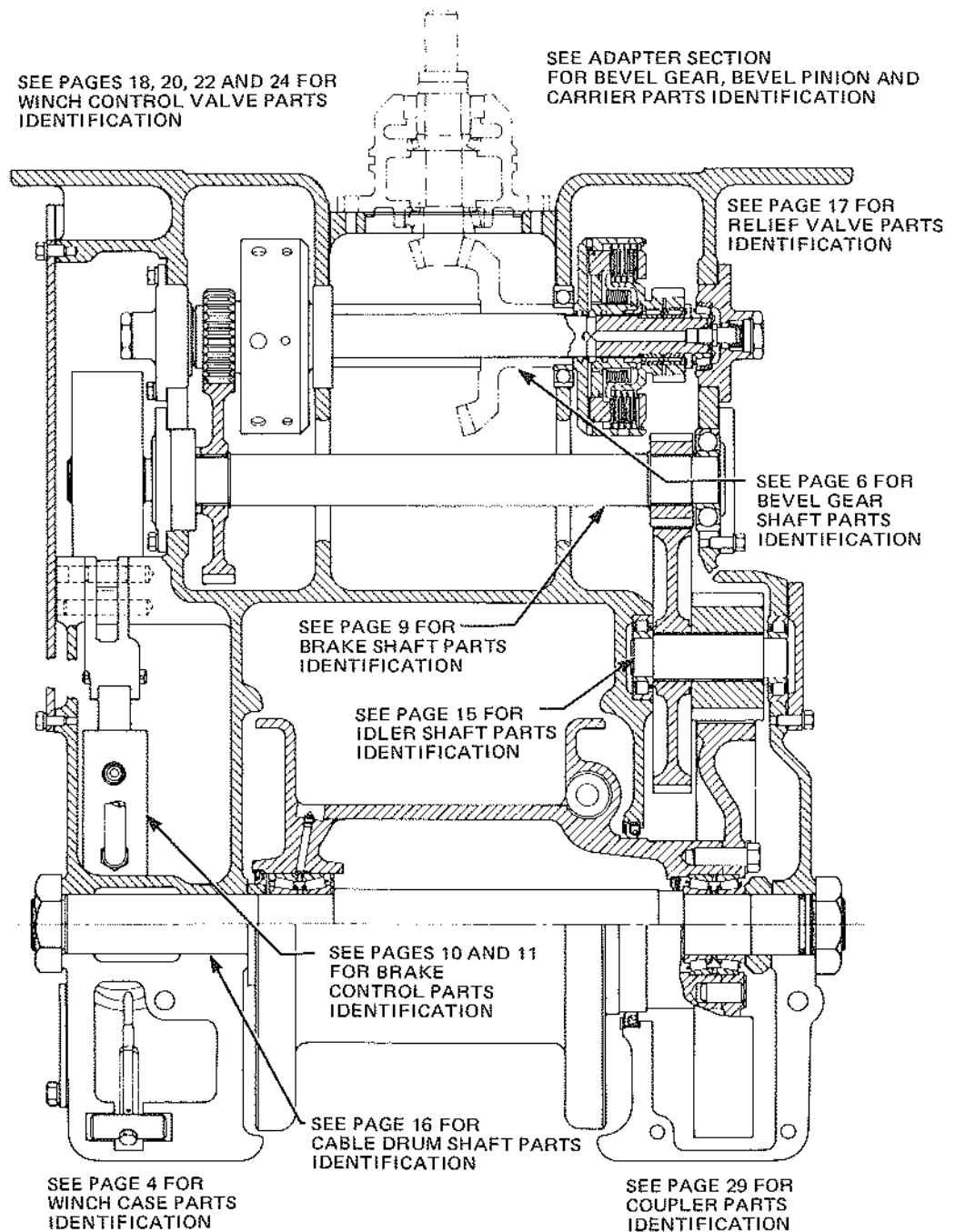
ATTENTION: Be sure to give correct part number, part name and complete serial number of winch when ordering. Also name and model of the tractor on which the winch is mounted.

CARCO
WINCH PRODUCTS

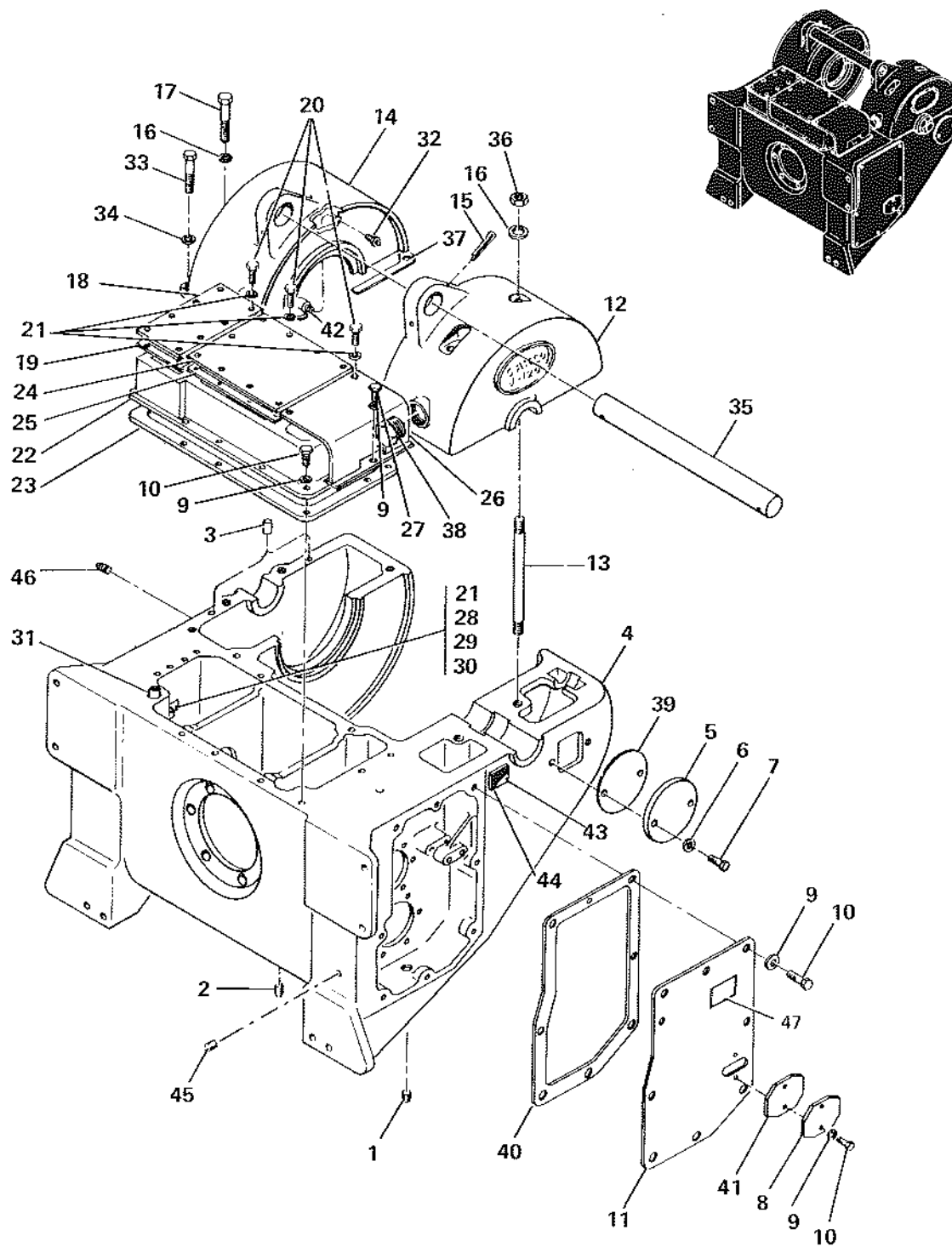
PACIFIC CAR AND FOUNDRY COMPANY • A DIVISION OF **PACCAR**

1400 NORTH FOURTH STREET, RENTON, WASHINGTON 98055 U.S.A.
TELEPHONE: (206) 235-2799 TELEX 32-8942

PARTS IDENTIFICATION INDEX DRAWING
CARCO MODEL G-80-PS, PSM & PSC WINCH



CARCO MODEL G-80-PS, PSM & PSC WINCH
 PARTS LIST SECTION—PAGE 4
 WINCH CASE



WINCH CASE

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16169-8	Plug, 1/2 NPT Sq. Hd.	1
2	16168-20	Plug, 1-1/4 NPTF Mag. Sq. Hd.	1
3	16290-2016	Dowel Pin, 5/8 x 1	2
* 4	49364	Case Complete (includes items 12 and 14)	1
5	42048	Cover	1
6	16064-10	Washer, 5/8	2
7	16047-1008	Cap Screw, 5/8 UNC x 1 H.H.	2
8	44810	Cover	1
9	16064-8	Washer, 1/2	24
10	16047-810	Cap Screw, 1/2 UNC x 1-1/4 H.H.	23
11	44207	Cover	1
* 12	44148	Cover	1
13	45050-1856	Stud	2
* 14	44147	Cover	1
15	16288-1272	Cotter Pin, 3/8 x 4-1/2	1
16	16064-18	Washer, 1-1/8	4
17	16047-1834	Cap Screw, 1-1/8 UNC x 4-1/2 H.H.	2
18	49337	Cover	1
19	49338	Gasket	1
20	16047-607	Cap Screw, 3/8 UNC x 7/8 H.H.	22
21	16064-6	Washer, 3/8	27
22	Ref. Only	Housing (see pages 18, 20 and 22)	1
23	49340	Gasket	1
24	49335	Cover	1
25	49336	Gasket	1
26	49345-80	Shroud	1
27	16047-808	Cap Screw, 1/2 UNC x 1 H.H.	1
28	16012-19	Clip, KICKHAEFER CC-2213	1
29	16047-610	Cap Screw, 3/8 UNC x 1-1/4 H.H.	1
30	16033-6	Nut, 3/8 UNC Hex	1
31	49342-80	Suction Tube	1
32	16249-1	Relief Plug, ALEMITE 317400	1
33	16047-1232	Cap Screw, 3/4 UNC x 4 H.H.	4
34	16064-12	Washer, 3/4	4
35	49043-2	Cable Guard (includes item 15)	1
36	16033-18	Nut, 1-1/8 UNC Hex	2
** 37	44210	Gasket (see notes below)	2
38	16220-38	Plug, WHITE 1604-136-Y	1
39	44833	Gasket	1
40	45914-3	Gasket (Length 74")	1
41	44814	Gasket	1
42	16150-2	Elbow, 1/8 NPT 90° Street	1
43	16055-5	Drive Screw, #10 x 3/8 Type U	4
*** 44	See Below	Name Plate	1
45	16167-8	Plug, 1/2 NPT Hex Soc.	1
46	16169-20	Plug, 1-1/4 NPT Sq. Hd.	1
**** 47	See Below	Instruction Plate	1
48	16453-5	Sealant, DOW-CORNING No. 732 RTV, Soz. Tube	1

* Items 4, 12 and 14 cannot be ordered separately

** For aluminum cover gasket order 48922-3.
G80 Winch S/N 5813 and up use no gasket. Use
Silastic Sealant No. 732 RTV, Item 48 to seal
cover to case.

*** 49329 - Name Plate, PS Models.

*** 45816 - Name Plate, PSM and PSC Models.

**** 49044 Inst. Plate, PS Winch

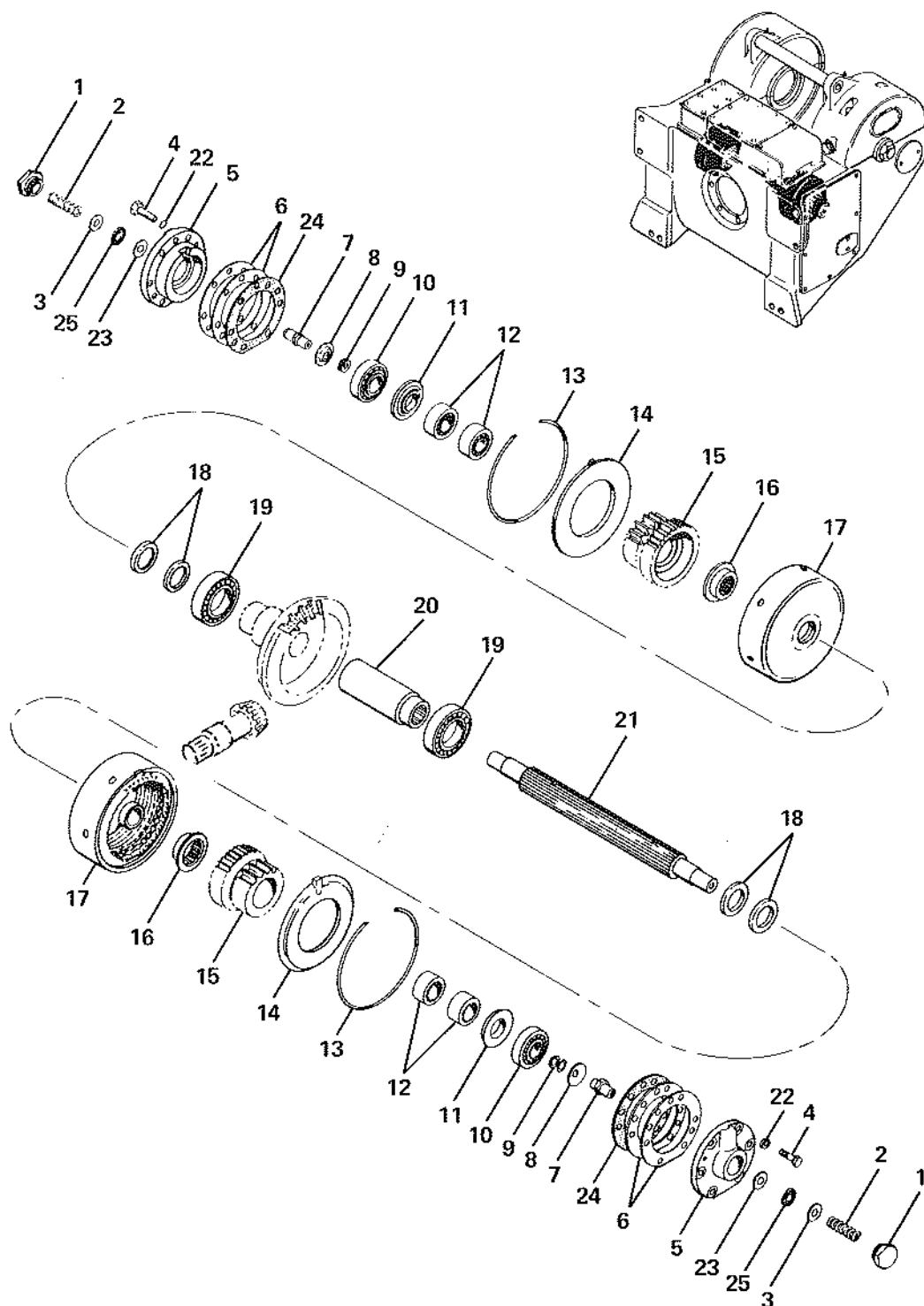
**** 48684 Inst. Plate, PSG & PSM Winch

2311-F-11-1-77

SUPERSEDES

2311-F-5-15-77

CARCO MODEL G-80-PS, PSM & PSC WINCH
 PARTS LIST SECTION--PAGE 6
 BEVEL GEAR SHAFT

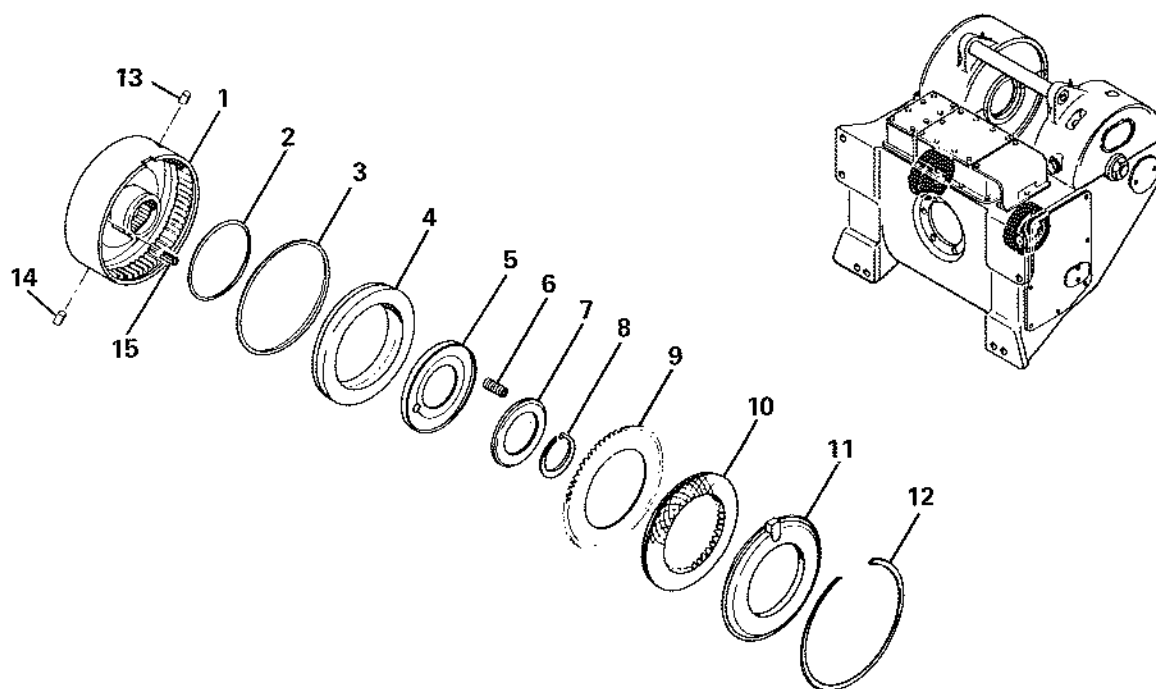


BEVEL GEAR SHAFT

CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 7
BEVEL GEAR SHAFT

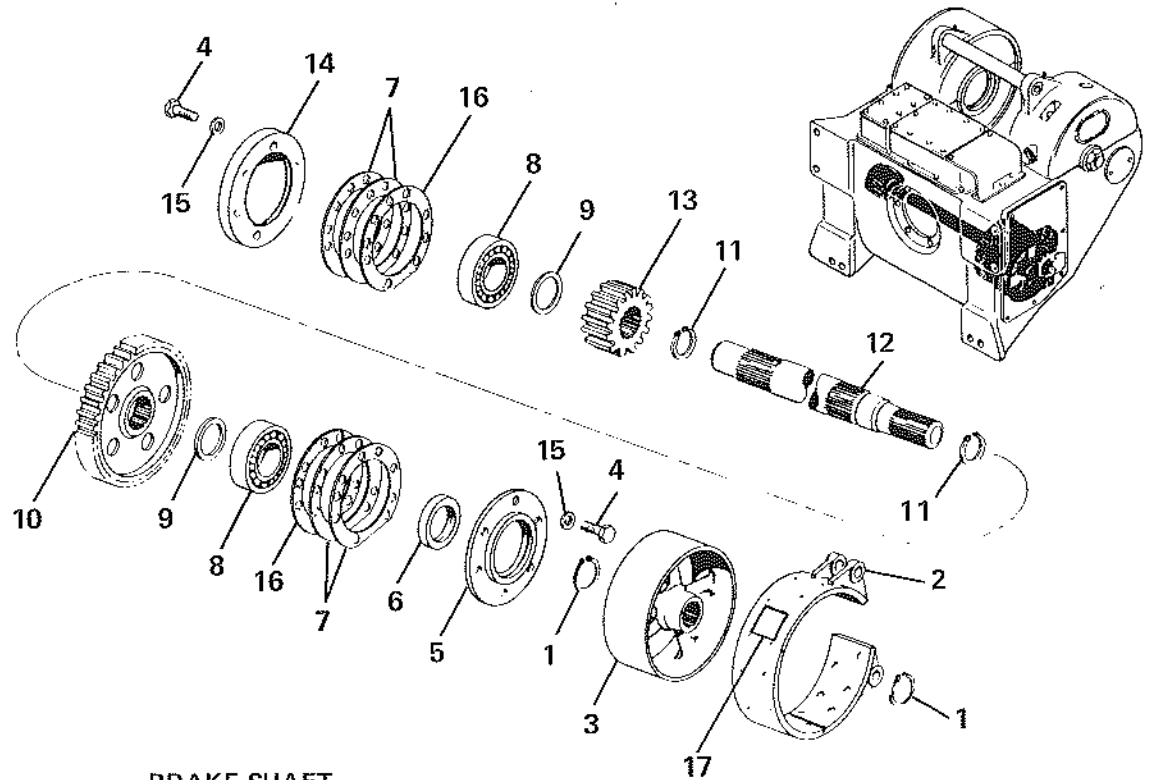
REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16166-20	Plug, PARKER 05PO-20	2
2	44753	Spring	2
3	44949	Seal (includes item 25)	2
4	16047-810	Cap Screw, 1/2 UNC x 1-1/4 H.H.	12
5	44165	Retainer	2
6	44185	Shim Set	2
7	41742	Shaft	2
8	44198	Ring	2
9	44336	Shim Set	2
10	{ 15150	Brg. Cup	2
	{ 15152	Brg. Cone	2
11	44851	Thrust Washer	2
12	15254	Brg. Set (Matched)	2
13	44173	Retng. Ring	2
14	44858	Retng. Ring	2
15	48861	Pinion	2
16	44825	Thrust Washer	2
17	44860	Clutch (See Page 3) (includes items 13 and 14)	2
18	44167	Seal	4
19	15037	Ball Brg.	2
20	44245	Spacer	1
21	44164	Shaft	1
22	16064-8	Washer, 1/2	12
23	44940	Washer	2
24	44185-4	Gasket	2
25	16262-121	O-Ring, NAT'L. 610067	2

CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 8
CLUTCH



CLUTCH—NO. 44860

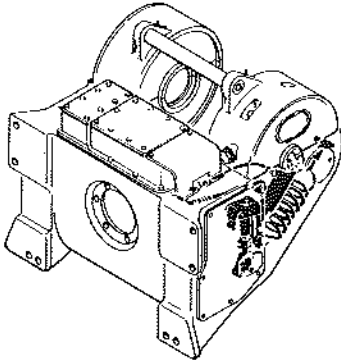
REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	44863	Housing (includes items 13 and 14)	1
2	46244	Seal	1
3	46245	Seal	1
4	44855	Piston	1
5	44861	Return Ring	1
6	44859	Spring	16
7	44172	Retainer	1
8	16313-325	Retng. Ring, TRUARC 5100-325	1
9	46132	Steel Disc	5
10	46131	Friction Disc	4
11	44858	Retng. Ring	1
12	44173	Retng. Ring	1
13	16290-1208	Dowel, 3/8 x 1/2	1
14	45415-2	Orifice Dowel	1
15	16295-1432	Pin, SPIROL 437-2000-H-B-K	1



BRAKE SHAFT

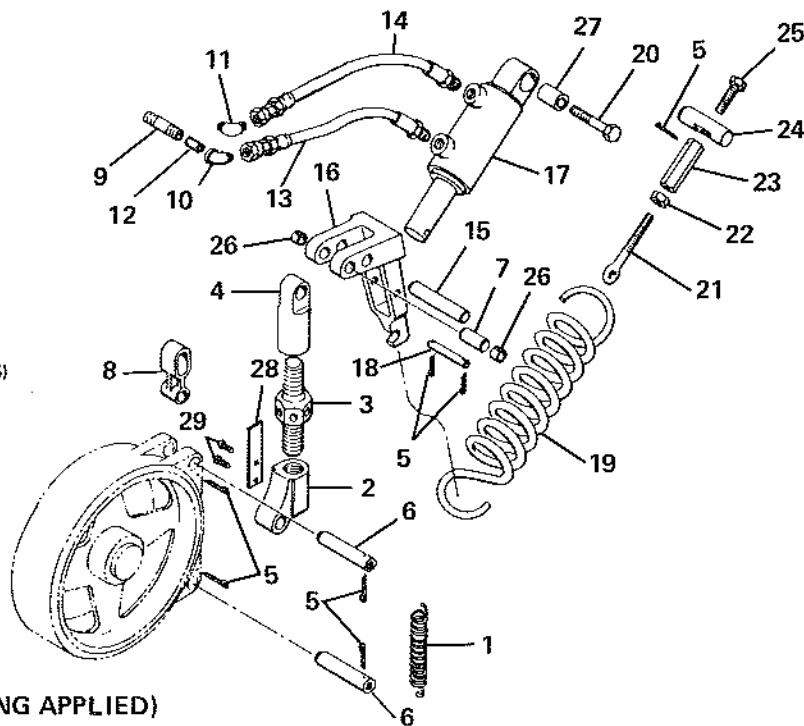
REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16313-231 32037	Retng. Ring, TRUARC 5100-231	2
2	46604	Brake Band Assembly (includes following)	1
	46605	Brake Block	3
	16323-808	Rivet, 1/4 x 1/2 Tub. Brass	32
3	44182	Brake Drum	1
4	16047-810	Cap Screw, 1/2 UNC x 1-1/4 H.H.	12
5	44158	Carrier	1
6	16342-2	Oil Seal, NAT'L. 410574	1
7	44184	Shim Set	2
8	15077	Ball Brg.	2
9	44186	Spacer	2
10	44159	Gear	1
11	16313-300	Retng. Ring, TRUARC 5100-300	2
12	44163	Shaft	1
13	44160	Pinion	1
14	44183	Cover	1
15	16064-8	Washer, 1/2	12
16	46229	Gasket	2
17	51955	Asbestos Warning Plate	1

CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 10
BRAKE CONTROL (SPRING APPLIED)



*DIAGRAM SHOWS PINS (ITEMS 7 AND 15)
IN LOCATIONS FOR OVERWIND CABLE
DRUM OPERATIONS.

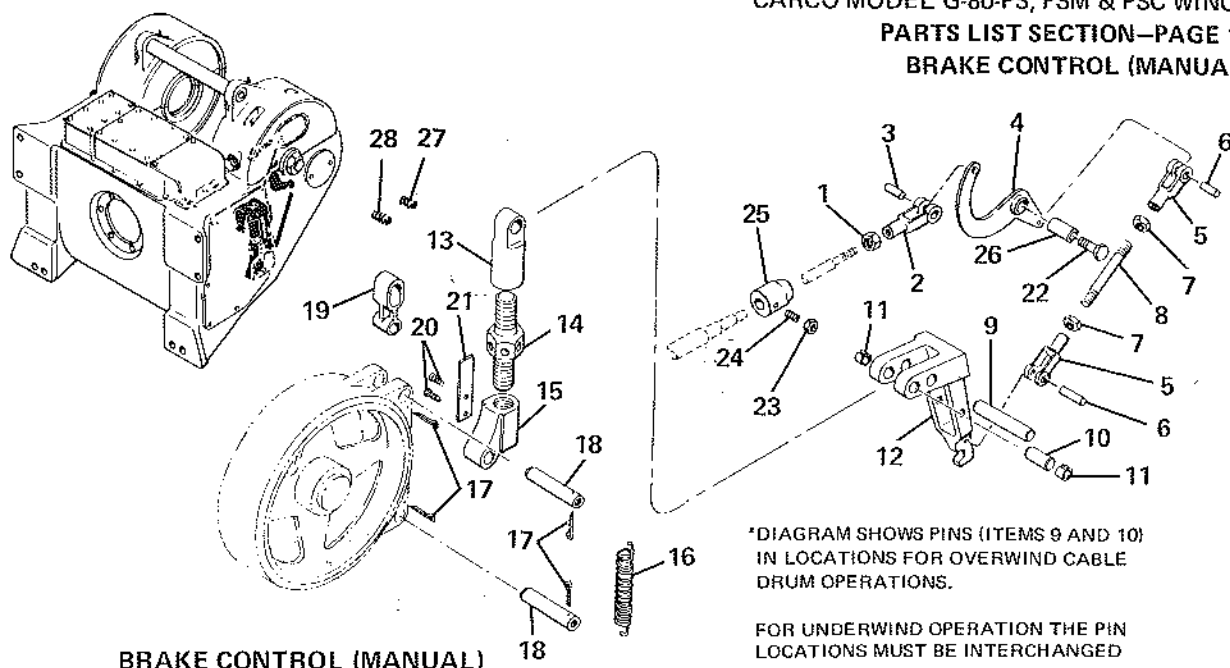
FOR UNDERWIND OPERATION THE PIN
LOCATIONS MUST BE INTERCHANGED



BRAKE CONTROL (SPRING APPLIED)

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	44107	Spring	1
2	40159-1	Rod Nut	1
3	40157	Rod	1
4	40156-1	Rod Nut	1
5	16288-420	Cotter Pin, 1/8 x 1-1/4	7
6	44114	Pin	2
* 7	32920 - /	Pin	1
8	40119	Link	1
9	45805	Nipple	1
10	16142-46	Elbow, WTHRHD, C5455 x 6	1
11	16145-66	Elbow, WTHRHD, C5405 x 6 x 6	1
12	45806	Orifice	1
13	44118-17	Hose	1
14	44118-13	Hose	1
* 15	32919 -	Pin	1
16	44195	Arm	1
17	45861	Cylinder (See Figure 7)	1
18	40134	Pin	1
19	40155	Spring	1
20	16047-1236	Cap Screw, 3/4 UNC x 5 H.H.	1
21	44206	Eye Bolt	1
22	16043-8	Nut, 1/2 UNC Hex Jam	1
23	40174	Nut	1
24	40175	Pin	1
25	42023	Screw	1
26	44687-1	Spacer	2
27	46077-2	Sleeve	1
28	44806	Spring	1
29	16055-5	Drive Screw, #10 x 3/8 Type U	2

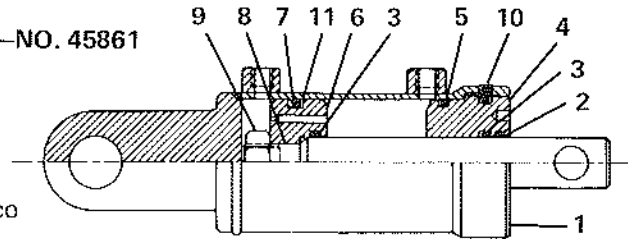
CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 11
BRAKE CONTROL (MANUAL)



REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16044-6	Nut, 3/8 UNF Hex Jam	1
2	16245-6	Yoke, CLEVELAND 2708-4A	1
3	16246-6	Pin, CLEVELAND 2708-1/2-4A	1
4	44978	Lever	1
5	16245-8	Yoke, CLEVELAND 2708-6A	2
6	16246-8	Pin, CLEVELAND 2708-1/2-6A	2
7	16044-8	Nut, 1/2 UNF Hex Jam	2
8	37629-4	Stud	1
9	32919	Pin	1
10	32920	Pin	1
11	44687-1	Spacer	2
12	44195	Arm	1
13	40156-1	Rod Nut	1
14	40157	Rod	1
15	40159-1	Rod Nut	1
16	44107	Spring	1
17	16288-420	Cotter Pin, 1/8 x 1-1/4	4
18	44114	Pin	2
19	40119	Link	1
20	16055-5	Drive Screw, #10 x 3/8 Type U	2
21	44806	Spring	1
22	16047-1236	Cap Screw, 3/4 UNC x 5 H.H.	1
23	16043-6	Nut, 3/8 UNC Hex Jam	1
24	16056-620	Set Screw, 3/8 UNC x 1-1/4 Hex Soc.	1
25	45351-2	Control Cable Anchor	1
26	46077-2	Sleeve	1
27	16169-6	Plug, 3/8 NPT Sq. Hd.	1
28	16169-4	Plug, 1/4 NPT Sq. Hd.	1

CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 12
BRAKE CYLINDER

BRAKE CYLINDER—NO. 45861

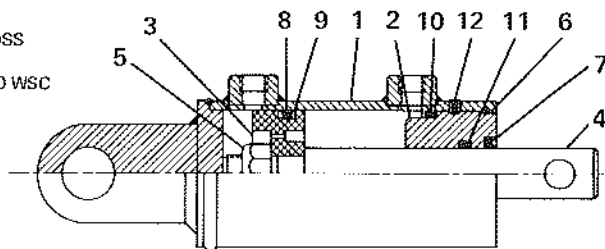


MANUFACTURER: REMCO
CARCO PART NO. 46473
REMCO PART NO. C-2-552

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
** 1		Tube	1
* 2	16281-5	Wiper, REMCO 472309	1
* 3	16262-214	O-Ring, NAT'L. 622719	2
** 4		Head	1
* 5	16262-228	O-Ring, NAT'L. 623006	1
** 6		Piston	1
* 7	16334-1	Seal, C/R 710087	1
** 8		Rod	1
9	16281-9	Nut, REMCO 410504	1
10	16054-404	Set Screw, 1/4 UNC x 1/4 Hex. Soc.	1
* 11	16301-1	Back-up Washer, C/R 451069	1
* *	46241	Repair Kit (includes items 2,3,5,7 and 11)	1

**Not a spares item, order 45861 cylinder assy.

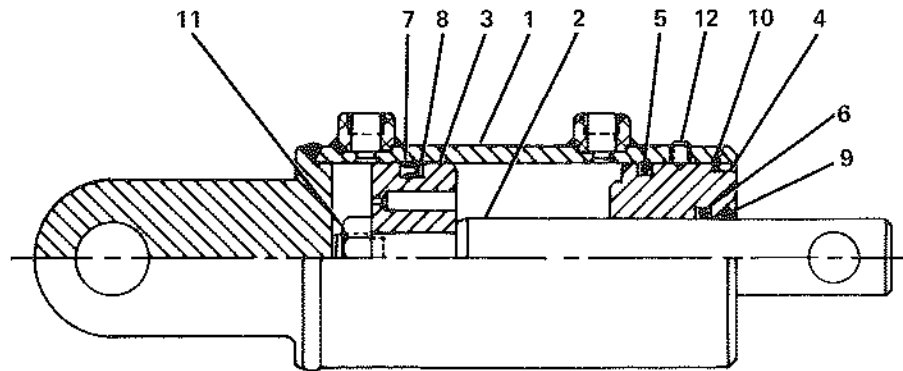
MANUFACTURER: CROSS
CARCO PART NO. 46474
CROSS PART NO. 225020 WSC



REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
** 1		Tube	1
2	16280-2	Head, CROSS 1C3243	1
3	16280-3	Piston, CROSS 1C3279	1
4	16280-4	Rod, CROSS 1C3282	1
5	16280-5	Nut, CROSS 1A0146	1
6	16280-6	Retng. Ring, CROSS 1A0280	1
* 7	16280-7	Wiper, CROSS 1A0014	1
* 8	16334-1	Seal, C/R 710087	1
* 9	16301-1	Back-up Washer, C/R 451069	1
* 10	16262-228	O-Ring, NAT'L. 623006	1
* 11	16262-214	O-Ring, NAT'L. 622719	1
12	16054-404	Set Screw, 1/4 UNC x 1/4 Hex. Soc.	2
* *	46241	Repair Kit (includes items 7,8,9,10 and 11)	1

**Not a spares item, order 45861 cylinder assy.

CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 13
BRAKE CYLINDER



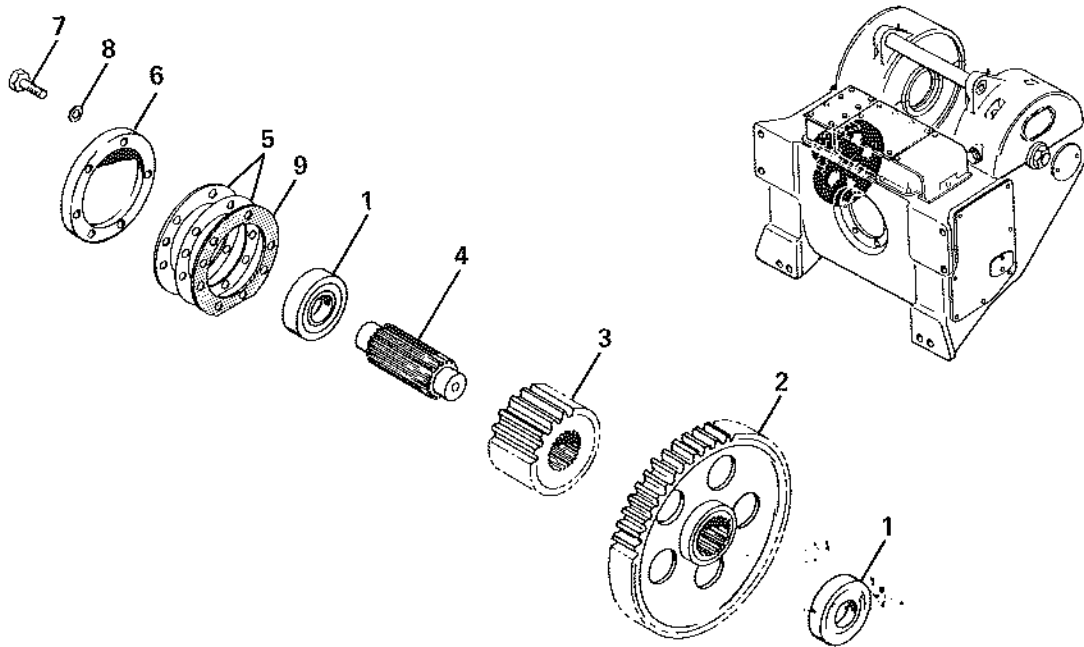
MANUFACTURER — REMCO
CARCO PART NO. — 49694
REMCO PART NO. — 021370

BRAKE CYLINDER — NO. 45861

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
** 1		Tube	1
2	16281-17	Rod, REMCO B-231428	1
3	16281-18	Piston, REMCO B-221364	1
4	16281-19	Head, REMCO B-261288	1
* 5	16262-228	O-Ring, NAT'L. 623006	1
* 6	16262-214	O-Ring, NAT'L. 622719	1
* 7	16334-1	Seal, C/R 710087	1
* 8	16301-1	Back-Up Washer, C/R 451069	1
* 9	16420-9	Wiper, REMCO 904009	1
10	16307-250	Retng. Ring, SPIROLOX RRT-250	1
11	16281-20	Nut, REMCO 812063	1
12	16056-404	Set Screw, 1/4 UNC x 1/4 Hex Soc. Cup Pt.	2
* *	46241	Repair Kit (Includes Items 5, 6, 7, 8 and 9)	1

** Not a spares item, order 45861 cylinder assy.

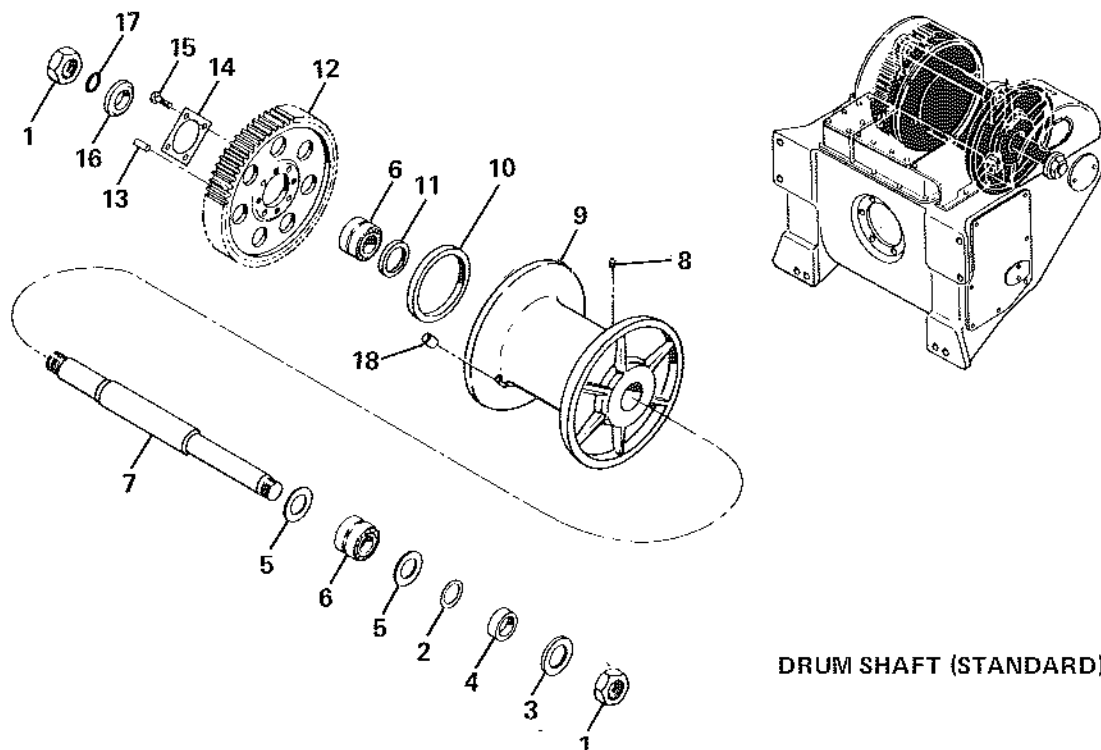
IDLER SHAFT



IDLER SHAFT (NO FREE SPOOL)

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	15284	Roller Brg.	2
2	44161	Gear	1
3	44162	Pinion	1
4	44157	Shaft	1
5	44184	Shim Set	1
6	44183	Cover	1
7	16047-810	Cap Screw, 1/2 UNC x 1-1/4 H.H.	6
8	16064-8	Washer, 1/2	6
9	46229	Gasket	1

CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 15
DRUM SHAFT (STANDARD)



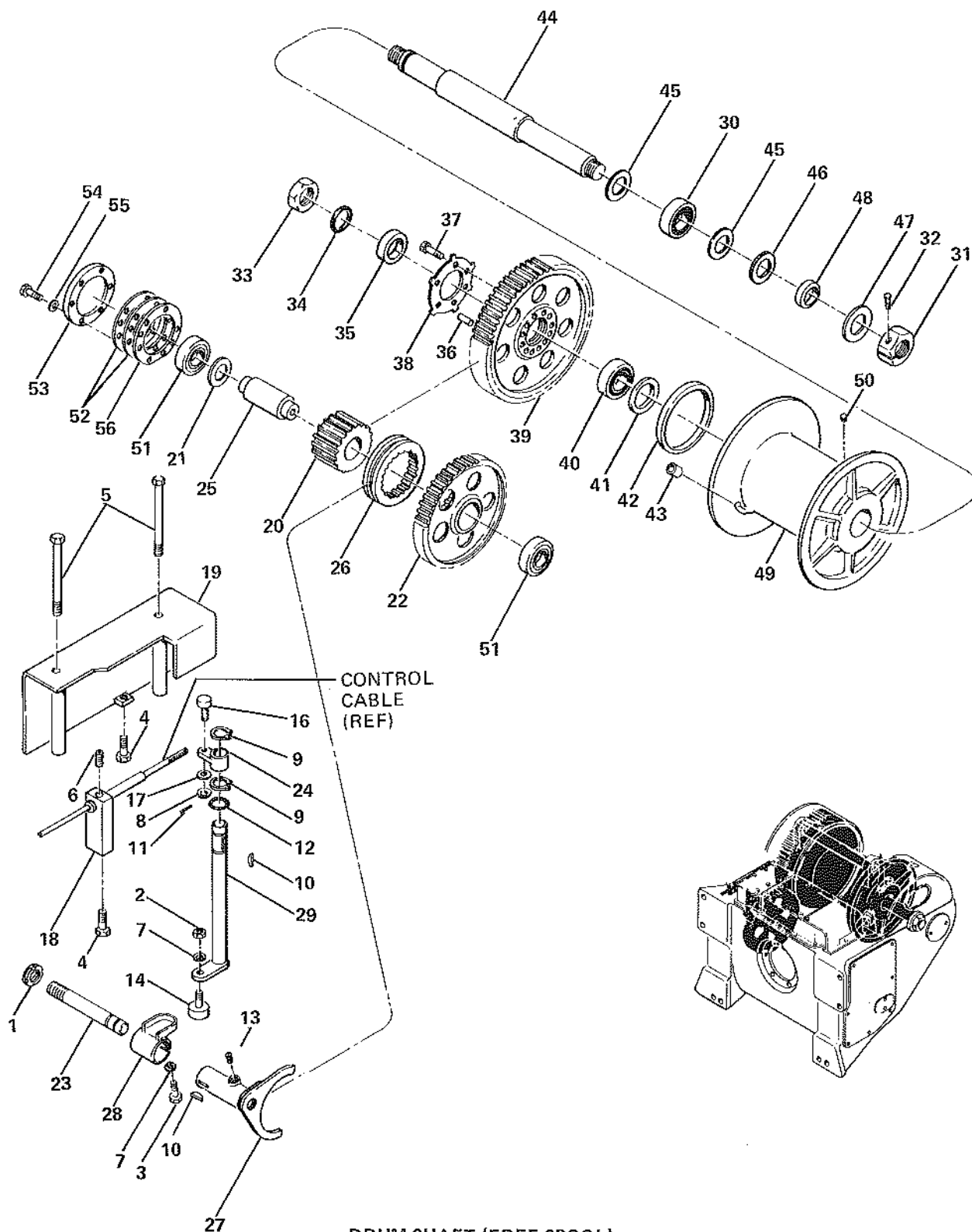
DRUM SHAFT (STANDARD)

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
***	1	Nut, 2-3/4 UN Hex Jam	2
	2	Shim	2
	3	Oil Seal, NAT'L. 455487	1
	4	Spacer	1
	5	Seal	2
	6	Brg. Set	2
***	7	Shaft	1
	8	Fitting, ALEMITE 1610B	1
	9	Standard Drum	1
*	9	High Capacity Drum	1
	10	Oil Seal, NAT'L. 415270	1
	11	Oil Seal, NAT'L. 455040	1
	12	Gear	1
**	13	Dowel Pin	6
	14	Lock	1
	15	Cap Screw, 7/8 UNF x 2-1/2 H.H.	6
	16	Spacer	1
	17	O-Ring, NAT'L. 622743	1
	18	Ferrule for 1-1/8 Wire Rope	1
	18	Ferrule for 3/4, 7/8 or 1 Wire Rope	1

NOTES:

- * Optional high capacity drum is standard on PSC models.
- ** When bull gear or cable drum is replaced, dowel holes must be drilled 57/64" and reamed .9057/.9077" to accommodate oversize 45081-2 dowels.
- *** For extended drum shaft order 46926 shaft and 2 each 16041-19 nut, TIMKEN T-AN-19.

CARCO MODEL G-80-PS, PSM & PSC WINCH
 PARTS LIST SECTION —PAGE 16
 DRUM SHAFT (FREE SPOOL)



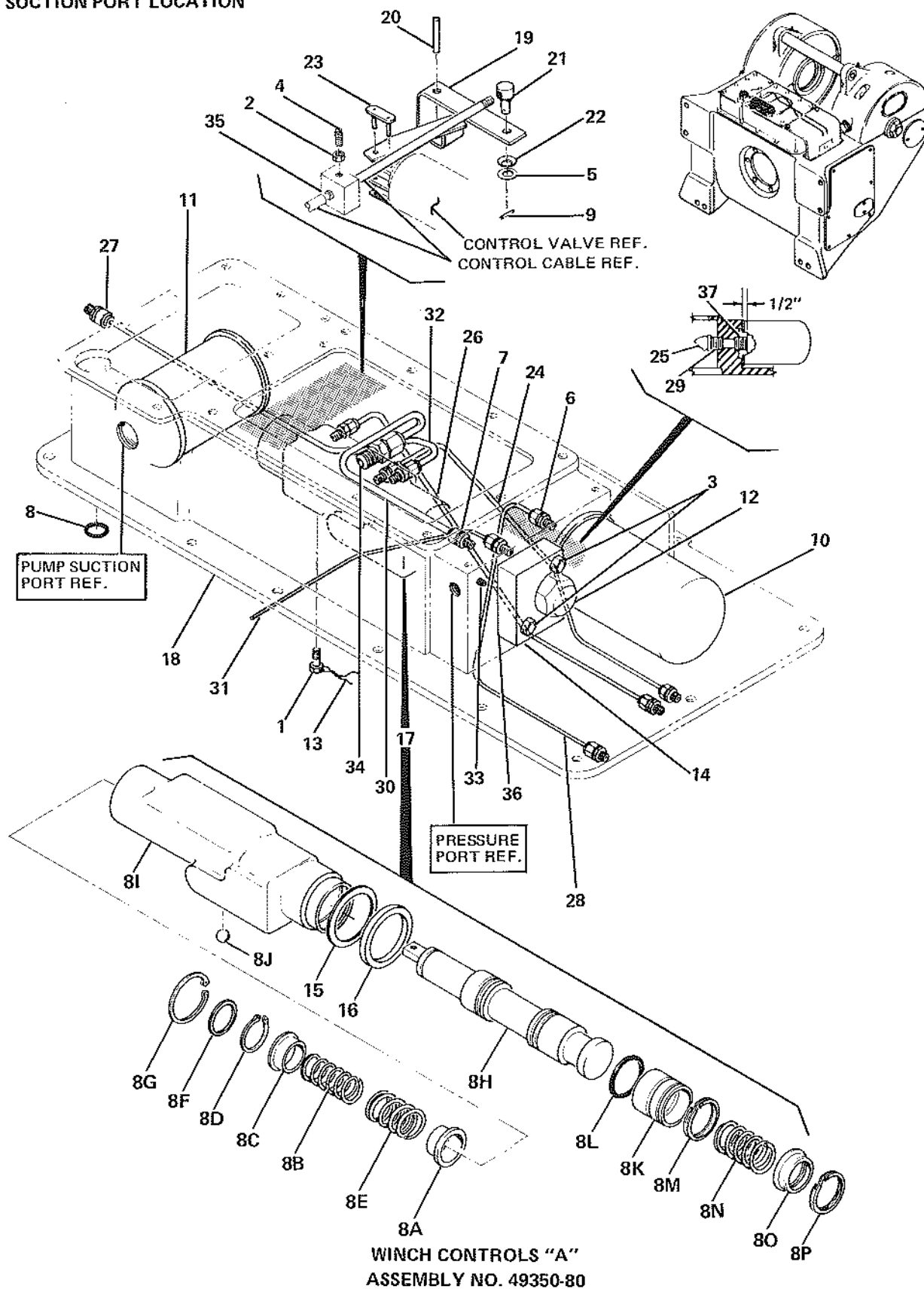
ASSY. No. 49980 STARTING WITH WINCH SERIAL NUMBER 5137, THRU 5140, 5198 AND UP

CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 17
DRUM SHAFT (FREE SPOOL)

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16041-6	Lock Nut, TIMKEN TN-06	1
2	16044-6	Nut, 3/8 UNF Hex Jam	1
3	16047-608	Cap Screw, 3/8 UNC x 1 H.H.	1
4	16047-812	Cap Screw, 1/2 UNC x 1-1/2 H.H.	2
5	16047-836	Cap Screw, 1/2 UNC x 5 H.H.	2
6	16056-606	Set Screw, 3/8 UNC x 3/8 Hex Soc. Cup Pt.	1
7	16067-6	Washer, 3/8	2
8	16064-8	Washer, 1/2	1
9	16313-62	Retn'g. Ring, TRUARC 5100-62	2
10	16226-1	Key, WOODRUFF No. 6 5/32 x 5/8	2
11	16292-616	Spring Pin, ROLLPIN 3/16 x 1	1
12	16342-19	Oil Seal, NAT'L. 410791	1
13	16403-2	Ball Plunger, CARR-LANE CL70-BP3	1
14	16404-14	Cam Follower, TORR. CR-14	1
***	15 See Note	Control Cable (Ref.)	1
16	49332	Control Cable Pin	1
17	49333-1	Disc Spring	1
18	49932	Cable Anchor	1
19	49933	Shroud	1
20	49935-80	Bull Pinion Assy.	1
21	49938-1	Thrust Washer	1
22	49939-1	Idler Shaft Gear	1
23	49940-80	Guide	1
24	49941-80	Control Lever	1
25	49942-1	Idler Shaft	1
26	49943	Pinion Coupling	1
27	49944-80	Shift Flange Assy.	1
28	49947	Shift Cam	1
29	49948	Shifter Shaft	1
30	15298	Bearing Set	1
31	49957-44	Split Lock Nut	1
32	16045-712	Screw, Self Locking 7/16 UNF x 1-1/2 Hex Soc. Ild.	1
33	16044-44	Nut, 2-3/4 UNF Hex Jam	1
34	16262-340	O-Ring, NAT'L. 622743	1
35	44155-2	Spacer	1
**	36 45081-2	Dowel Pin	6
37	16048-1420	Cap Screw, 7/8 UNF x 2-1/2 H.H.	6
38	Y1646	Lock	1
39	44166	Gear	1
40	15199	Brg. Set	1
41	16343-26	Oil Seal, NAT'L. 455040	1
42	16342-11	Oil Seal, NAT'L. 415270	1
43	25459-2	Ferrule for 1-1/8 Wire Rope	1
	25459-1	Ferrule for 3/4, 7/8 or 1 Wire Rope	1
44	44154	Shaft	1
45	44179	Seal	2
46	44880	Shim	2
47	16343-32	Oil Seal, NAT'L. 455487	1
48	44180-3	Spacer	1
*	49 44153	Standard Drum	1
	44681	High Capacity Drum	1
50	16222-2	Fitting, ALEMITE 1610B	1
51	15284	Roller Brg.	2
52	44184	Shim Set	1
53	44183	Cover	1
54	16047-810	Cap Screw, 1/2 UNC x 1-1/4 H.H.	6
55	16064-8	Washer, 1/2	6
56	46229	Gasket	1

NOTES: * Optional high capacity drum is standard on PSC models.
 ** When bull gear or cable drum is replaced, dowel holes must be drilled 57/64" and reamed .9057/.9077" to accommodate oversize 45081-2 dowels.
 *** See free spool control group for correct cable.

CARCO MODEL G-80-PS, PSM & PSC WINCH
 PARTS LIST SECTION—PAGE 18
 WINCH CONTROLS "A"
 STANDARD CONTROL CABLE AND
 SUCTION PORT LOCATION



STANDARD CONTROL CABLE AND
SUCTION PORT LOCATION

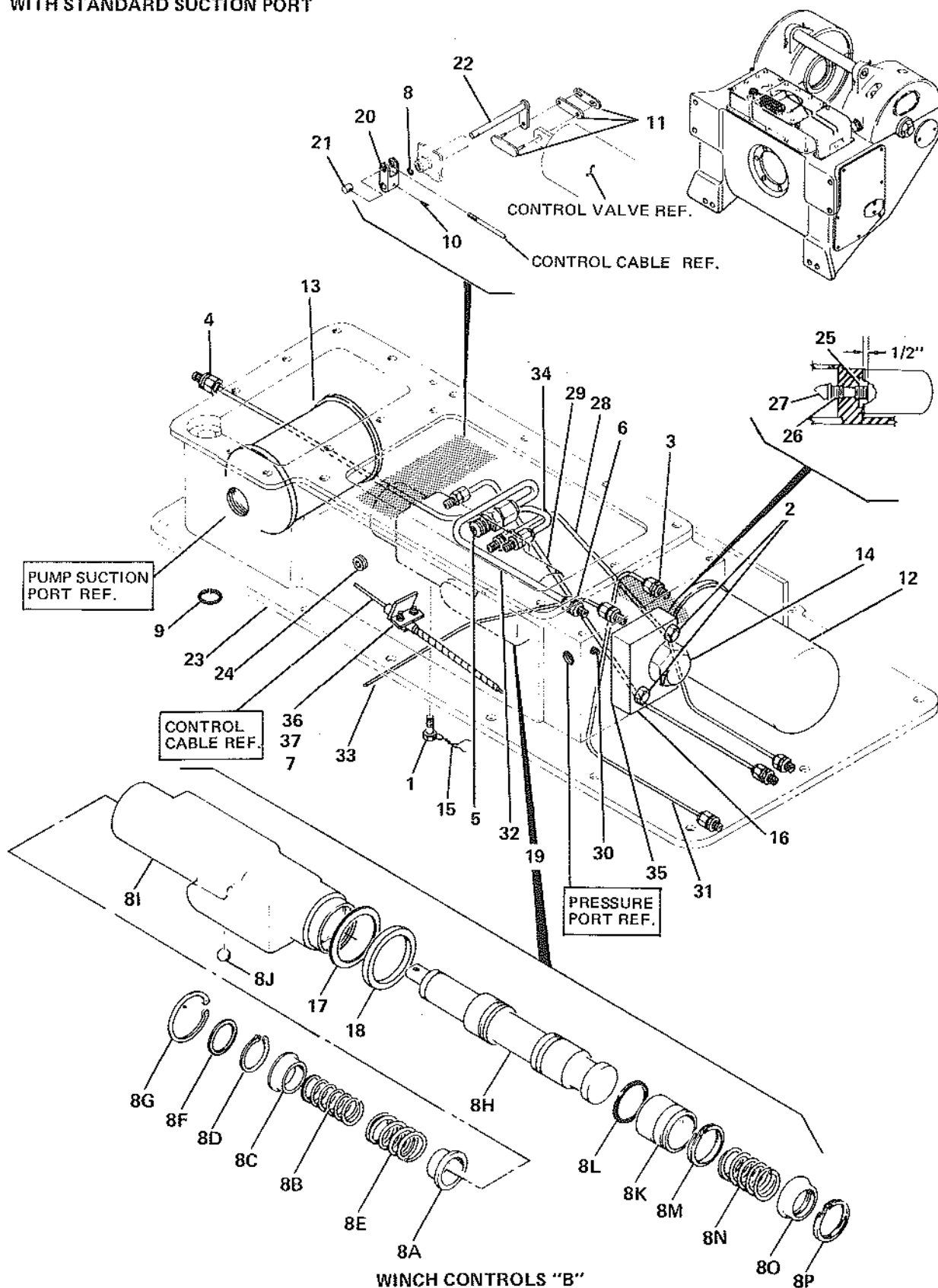
WINCH CONTROLS "A"

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16024-9	Cap Screw, 1/2 UNF x 1 Hex Dr. Hd.	1
2	16043-6	Nut, 3/8 UNC Hex Jam	1
3	16047-610	Cap Screw, 3/8 UNC x 1-1/4 H.H.	2
4	16056-610	Set Screw, 3/8 UNC x 5/8 Hex Soc. Hd.	1
5	16067-6	Washer, 1/2	1
6	16129-44	Connector, ANCHOR 4M-4JMS	3
7	16129-88	Connector, ANCHOR 8M-8JMS	1
8	16262-220	O-Ring, NAT'L. 622725	1
9	16292-616	Spring Pin, ROLLPIN 3/16 x 1	1
10	16392	Return Filter, BALDWIN BT-364	1
11	16393	Suction Strainer, MARVEL 610-5-M-40	1
12	44960	Relief Valve (See Page 18)	1
13	48125-1	Lockwire, 16 Ga. x 12	1
14	49318	Relief Valve Plate	1
15	49323	Seal Washer	1
16	49324	Valve Body Seal	1
17	49325	Control Valve	1
18	49327	Housing	1
19	49330	Control Lever	1
20	49331	Control Lever Pin	1
21	49332	Control Cable Pin	1
22	49333-1	Disc Spring	2
23	16364-2040	Connecting Link, ANSI 2040	1
24	49370	Brake Tube	1
25	49657	Elbow	1
26	49367	Forward Clutch Tube	1
27	16129-66	Connector, ANCHOR 6M-6JMS	6
28	49369	Brake Return Line Tube	1
29	16158-1211	Nipple, 3/4 NPT x 1-3/8	1
30	49353	Valve Supply Tube	1
31	49371	PTO Lube Tube	1
32	49368	Reverse Tube	1
33	16169-4	Plug, 1/4 NPT Sq. Hd.	1
34	16129-68	Connector, ANCHOR 6M-8JMS	1
35	16262-208	O-Ring, PARKER 2-208 N674-70	1
36	49519	Gasket	1
37	50218	Connector	1
8A	44259-1	Stop	1
* 8B	45548	Spring	1
* 8C	45623	Stop	1
8D	16313-75	Retn'g. Ring, TRUARC 5100-75	1
* 8E	45549	Spring	1
* 8F	45622	Washer	1
8G	16314-150	Retn'g. Ring, TRUARC N5000-150	1
** 8H	49322	Spool	1
** 8I	49321	Body	1
8J	16217-8	Ball, 1/2 Steel	4
** 8K	45855	Piston	1
8L	16262-215	O-Ring, NAT'L. 622720	1
8M	16308-131	Retn'g. Ring, SPIROLOX RS-131	1
8N	45857	Spring	1
8O	45856	Stop	1
8P	16305-156	Retn'g. Ring, SPIROLOX RR-156	1

* Items 8B, 8C, 8E and 8I not serviced separately. Order spring repair kit 45813.

** Items 8H, 8I and 8K are not serviced separately. Order 49325 control valve.

CARCO MODEL G-80-PS, PSM & PSC WINCH
 PARTS LIST SECTION--PAGE 20
 WINCH CONTROLS "B"
 RELOCATED CONTROL CABLE LOCATION
 WITH STANDARD SUCTION PORT



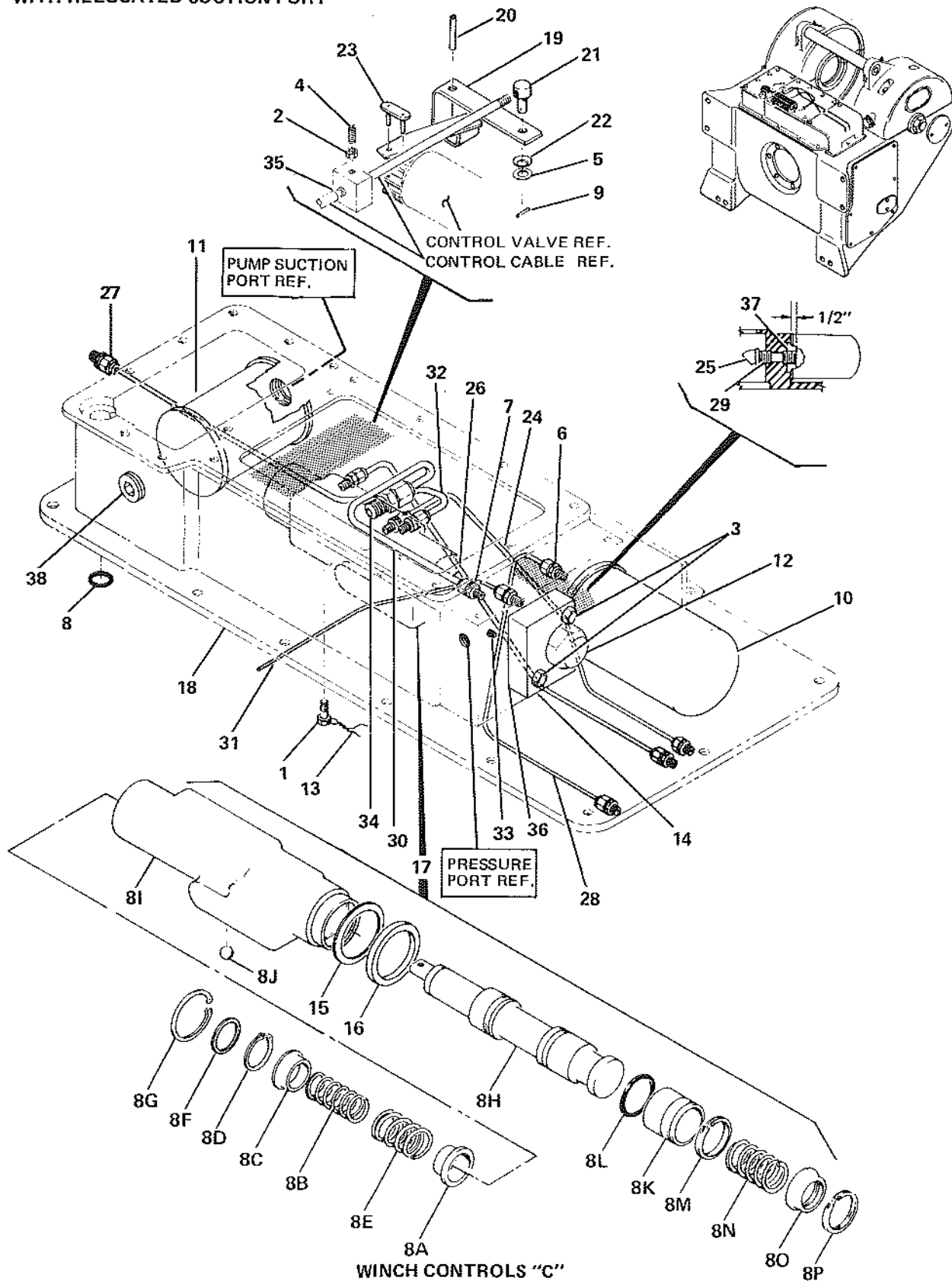
**RELOCATED CONTROL CABLE LOCATION
WITH STANDARD SUCTION PORT**

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16024-9	Cap Screw, 1/2 UNF x 1 Hex Dr. Hd.	1
2	16047-610	Cap Screw, 1-1/4 UNC x 1-1/4 H.H.	2
3	16129-44	Connector, ANCHOR 4M-4JMS	3
4	16129-66	Connector, ANCHOR 6M-6JMS	6
5	16129-68	Connector, ANCHOR 6M-8JMS	1
6	16129-88	Connector, ANCHOR 8M-8JMS	1
7	16033-6	Nut, 3/8 UNC Hex	2
8	16262-014	O-Ring, NAT'L. 610014	1
9	16262-220	O-Ring, NAT'L. 622765	1
10	16292-616	Spring Pin, ROLLPIN 3/16 x 1	1
11	16364-2040	Connecting Link, ANSI 2040	1
12	16392	Return Filter, BALDWIN BT-364	1
13	16393	Suction Strainer, MARVEL 610-5-M-40	1
14	44960	Relief Valve	1
15	48125-1	Lockwire, 16 Ga. x 12	1
16	49318	Relief Valve Plate	1
17	49323	Seal Washer	1
18	49324	Valve Body Seal	1
19	49325	Control Valve	1
20	49568	Lever	1
21	49569	Pin	1
22	49570	Control Lever	1
23	49731-80	Housing	1
24	16167-8	Plug, 1/2 NPTF Hex Soc. Hd.	1
25	50218	Connector	1
26	16158-1211	Nipple, 3/4 NPT x 1-3/8	1
27	49657	Elbow	1
28	49370	Brake Tube	1
29	49367	Forward Tube	1
30	16169-4	Plug, 1/4 NPT Sq. Hd.	1
31	49369	Brake Return Line Tube	1
32	49353	Valve Supply Tube	1
33	49371	PTO Lube Tube	1
34	49368	Reverse Tube	1
35	49519	Gasket	1
36	16398-4	U-Bolt, CABLECRAFT 161-014-4	1
37	16067-6	Lock Washer, 3/8	2
8A	44259-1	Stop	1
* 8B	45548	Spring	1
* 8C	45623	Stop	1
8D	16313-75	Retn'g. Ring, TRUARC 5100-75	1
* 8E	45549	Spring	1
* 8F	45622	Washer	1
8G	16314-150	Retn'g. Ring, TRUARC N5000-150	1
** 8H	49322	Spool	1
** 8I	49321	Body	1
** 8J	16217-8	Ball, 1/2 Steel	4
** 8K	45855	Piston	1
8L	16262-215	O-Ring, NAT'L. 622720	1
8M	16308-131	Retn'g. Ring, SPIROLOX RS-131	1
8N	45857	Spring	1
8O	45856	Stop	1
8P	16305-156	Retn'g. Ring, SPIROLOX RR-156	1

* Items 8B, 8C, 8E and 8F not serviced separately. Order spring repair kit 45813.

** Items 8H, 8I and 8K are not serviced separately. Order 49325 control valve.

CARCO MODEL G-80-PS, PSM & PSC WINCH
 PARTS LIST SECTION—PAGE 22
 WINCH CONTROLS "C"
 STANDARD CONTROL CABLE LOCATION
 WITH RELOCATED SUCTION PORT



WINCH CONTROLS "C"
 ASSEMBLY NO. 49618-80

CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 23
WINCH CONTROLS "C"

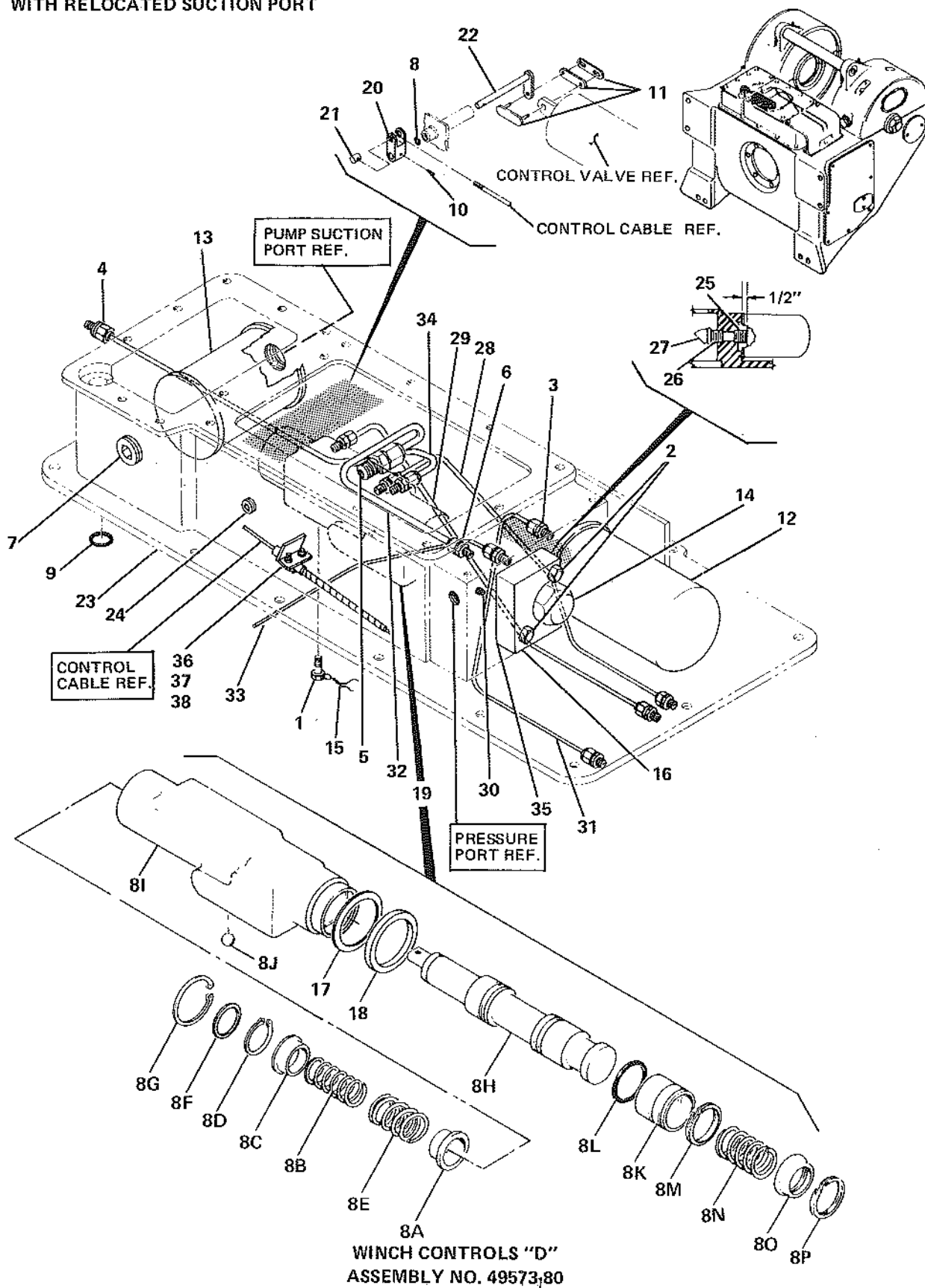
**STANDARD CONTROL CABLE LOCATION
WITH RELOCATED SUCTION PORT**

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16024-9	Cap Screw, 1/2 UNF x 1 Hex Dr. Hd.	1
2	16043-6	Nut, 3/8 UNC Hex Jam	1
3	16047-610	Cap Screw, 3/8 UNC x 1-1/4 H.H.	2
4	16056-610	Set Screw, 3/8 UNC x 5/8 Hex Soc. Hd.	1
5	16064-8	Washer, 1/2	1
6	16129-44	Connector, ANCHOR 4M-4JMS	3
7	16129-88	Connector, ANCHOR 8M-8JMS	1
8	16262-220	O-Ring, NAT'L. 622725	1
9	16292-616	Spring Pin, ROLLPIN 3/16 x 1	1
10	16392	Return Filter, BALDWIN BT-364	1
11	16393	Suction Strainer, MARVEL 610-5-M-40	1
12	44960	Relief Valve (See Page 18)	1
13	48125-1	Lockwire, 16 Ga. x 12	1
14	49318	Relief Valve Plate	1
15	49323	Seal Washer	1
16	49324	Valve Body Seal	1
17	49325	Control Valve	1
18	49732-80	Housing	1
19	49330	Control Lever	1
20	49331	Control Lever Pin	1
21	49332	Control Cable Pin	1
22	49333-1	Disc Spring	2
23	16364-2040	Connecting Link, ANSI 2040	1
24	49370	Brake Tube	1
25	49657	Elbow	1
26	49367	Forward Clutch Tube	1
27	16129-66	Connector, ANCHOR 6M-6JMS	6
28	49369	Brake Return Line Tube	1
29	16158-1211	Nipple, 3/4 NPT x 1-3/8	1
30	49353	Valve Supply Tube	1
31	49371	PTO Lube Tube	1
32	49368	Reverse Tube	1
33	16169-4	Plug, 1/4 NPT Sq. Hd.	1
34	16129-68	Connector, ANCHOR 6M-8JMS	1
35	16262-208	O-Ring, PARKER 2-208 N674-70	1
36	49519	Gasket	1
37	50218	Connector	1
38	16167-16	Plug, 1 NPTF Hex Soc. Hd.	1
8A	44259-1	Stop	1
* 8B	45548	Spring	1
* 8C	45623	Stop	1
8D	16313-75	Retn'g. Ring, TRUARC 5100-75	1
* 8E	45549	Spring	1
* 8F	45622	Washer	1
8G	16314-150	Retn'g. Ring, TRUARC N5000-150	1
** 8H	49322	Spool	1
** 8I	49321	Body	1
8J	16217-8	Ball, 1/2 Steel	4
** 8K	45855	Piston	1
8L	16262-215	O-Ring, NAT'L. 622720	1
8M	16308-131	Retn'g. Ring, SPIROLOX RS-131	1
8N	45857	Spring	1
8O	45856	Stop	1
8P	16305-156	Retn'g. Ring, SPIROLOX RR-156	1

* Items 8B, 8C, 8E and 8F not serviced separately. Order spring repair kit 45813.

** Items 8H, 8I and 8K are not serviced separately. Order 49325 control valve.

CARCO MODEL G-80-PS, PSM & PSC WINCH
 PARTS LIST SECTION—PAGE 24
 WINCH CONTROLS "D"
 RELOCATED CONTROL CABLE LOCATION
 WITH RELOCATED SUCTION PORT



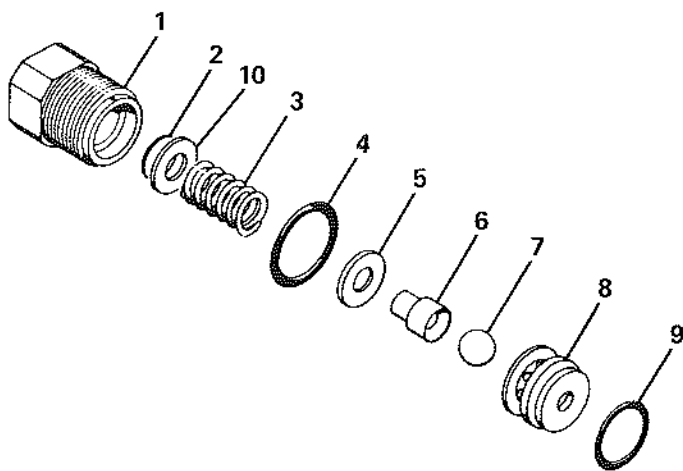
**RELOCATED CONTROL CABLE LOCATION
WITH RELOCATED SUCTION PORT**

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16024-9	Cap Screw, 1/2 UNF x 1 Hex Dr. Hd.	1
2	16047-610	Cap Screw, 1-1/4 UNC x 1-1/4 H.H.	2
3	16129-44	Connector, ANCHOR 4M-4JMS	3
4	16129-66	Connector, ANCHOR 6M-6JMS	6
5	16129-68	Connector, ANCHOR 6M-8JMS	1
6	16129-88	Connector, ANCHOR 8M-8JMS	1
7	16167-16	Plug, 1 NPTF Hex Soc. Hd.	1
8	16262-014	O-Ring, NAT'L. 610014	1
9	16262-220	O-Ring, NAT'L. 622765	1
10	16292-616	Spring Pin, ROLLPIN 3/16 x 1	1
11	16364-2040	Connecting Link, ANSI 2040	1
12	16392	Return Filter, BALDWIN BT-364	1
13	16393	Suction Strainer, MARVEL 610-5-M-40	1
14	44960	Relief Valve	1
15	48125-1	Lockwire, 16 Ga. x 12	1
16	49318	Relief Valve Plate	1
17	49323	Seal Washer	1
18	49324	Valve Body Seal	1
19	49325	Control Valve	1
20	49568	Lever	1
21	49569	Pin	1
22	49570	Control Lever	1
23	49733-80	Housing	1
24	16167-8	Plug, 1/2 NPTF Hex Soc. Hd.	1
25	50218	Connector	1
26	16158-1211	Nipple, 3/4 NPT x 1-3/8	1
27	49657	Elbow	1
28	49370	Brake Tube	1
29	49367	Forward Tube	1
30	16169-4	Plug, 1/4 NPT Sq. Hd.	1
31	49369	Brake Return Line Tube	1
32	49353	Valve Supply Tube	1
33	49371	PTO Lube Tube	1
34	49368	Reverse Tube	1
35	49519	Gasket	1
36	16398-4	U-Bolt, CABLECRAFT 161-014-4	1
37	16067-6	Lock Washer, 3/8	2
38	16033-6	Nut, 3/8 UNC Hex	2
8A	44259-1	Stop	1
* 8B	45548	Spring	1
* 8C	45623	Stop	1
8D	16313-75	Retn'g. Ring, TRUARC 5100-75	1
* 8E	45549	Spring	1
* 8F	45622	Washer	1
8G	16314-150	Retn'g. Ring, TRUARC N5000-150	1
** 8H	49322	Spool	1
** 8I	49321	Body	1
** 8J	16217-8	Ball, 1/2 Steel	4
** 8K	45855	Piston	1
8L	16262-215	O-Ring, NAT'L. 622720	1
8M	16308-131	Retn'g. Ring, SPIROLOX RS-131	1
8N	45857	Spring	1
8O	45856	Stop	1
8P	16305-156	Retn'g. Ring, SPIROLOX RR-156	1

* Items 8B, 8C, 8E and 8F not serviced separately. Order spring repair kit 45813.

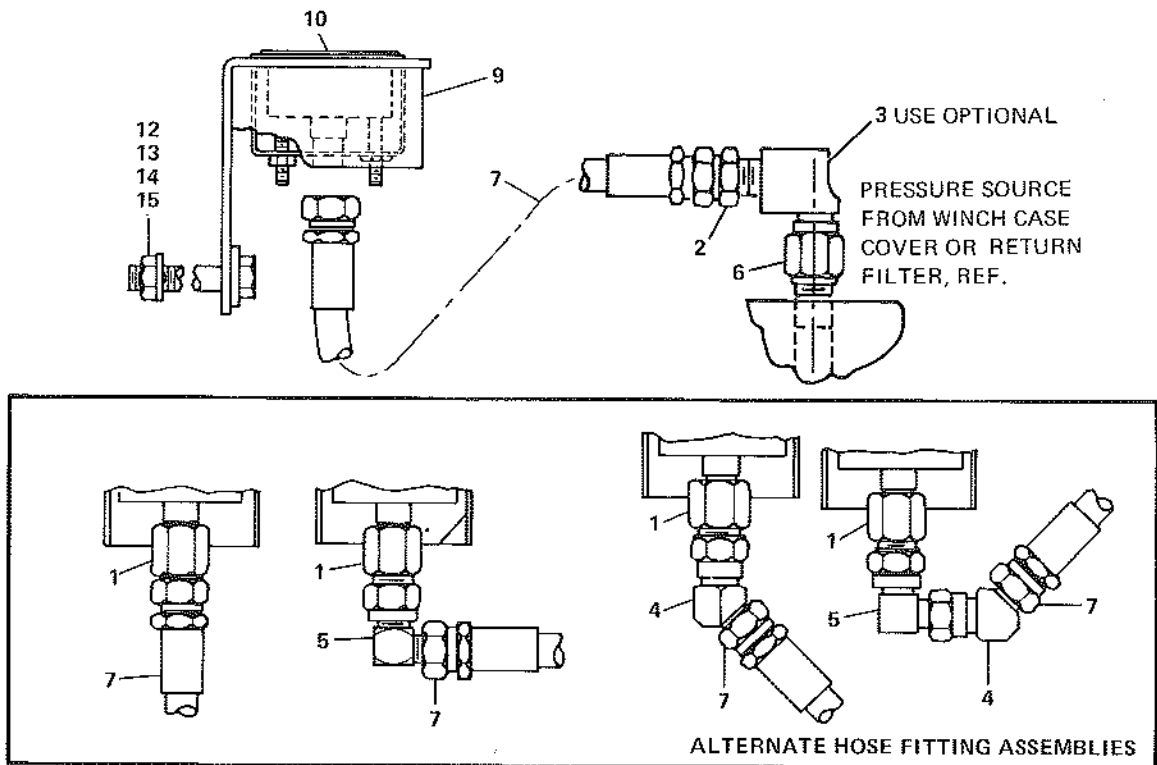
** Items 8H, 8I and 8K are not serviced separately. Order 49325 control valve.

CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 26
RELIEF VALVE



RELIEF VALVE—NO. 44960

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16271-57	Body, GRESEN 1747	1
2	{ 16271-54 16271-56	Shim, GRESEN 949 Shim, GRESEN 1743	As Req'd
3	16271-19	Spring, GRESEN 953	1
4	16271-58	O-Ring, GRESEN 1615	1
5	16271-59	Spacer, GRESEN 1742	1
6	16271-60	Follower, GRESEN 1744	1
7	16271-21	Ball, GRESEN 014	1
8	16271-64	Seat, GRESEN 3093	1
9	16271-61	O-Ring, GRESEN 1718	1
10	16271-55	Washer, GRESEN 1213	1



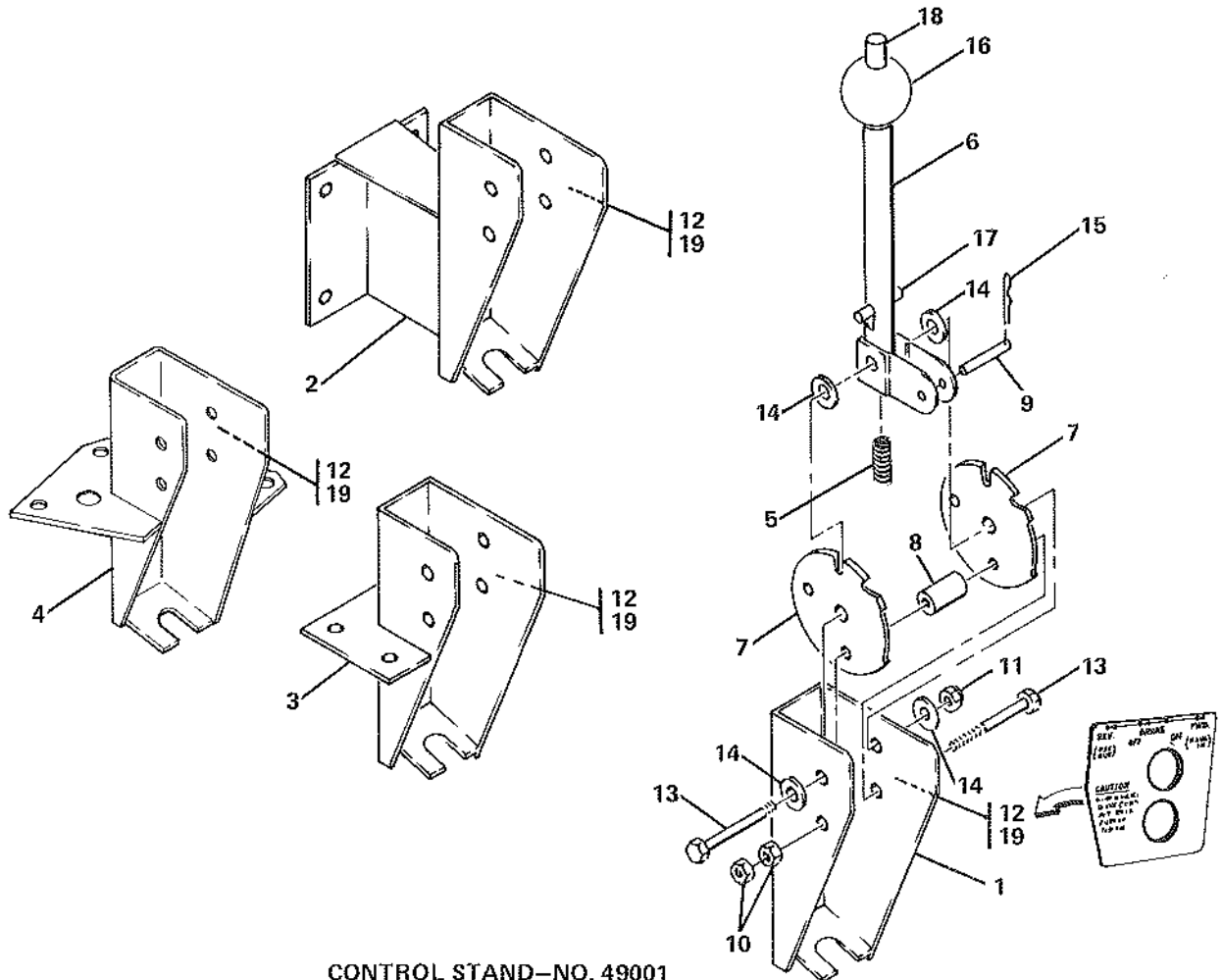
PRESSURE GAUGE – NO. 48700-120

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	16116-44	Adapter, WTHRD. C5255 x 4 x 4	1
2	16129-44	Connector, WTHRD. C5205 x 4 x 4	1
3	16171-44	Elbow, WTHRD. 3400 x 4	1
4	16184-44	Union, WTHRD. C5356 x 4	1
5	16185-44	Union, WTHRD. C5506 x 4	1
6	16362-44	Snubber, CHEMIQUIP 25B-D	1
* 7	44921-120	Hose Assembly	1
** 8	45101	Tag, Instruction--Not Shown	1
9	48687	Bracket	1
10	48693-1	Gauge	1
** 11	48712	Sheet, Instruction--Not Shown	1
12	16047-620	Cap Screw, 3/8 UNC x 2-1/2 H.H.	1
13	16033-6	Nut, 3/8 UNC Hex.	1
14	16063-6	Washer, 3/8	1
15	16067-6	Washer, 3/8 Lock	1
** 16	Form A-2281	Sheet, Instruction--Not Shown	1

*48700-1 kit can be ordered, which is without item 7.

**Item 8, 11 and 16 are included in gauge kit.

CARCO MODEL G-80-PS, WINCH
PARTS LIST SECTION—PAGE 29
CONTROL STAND

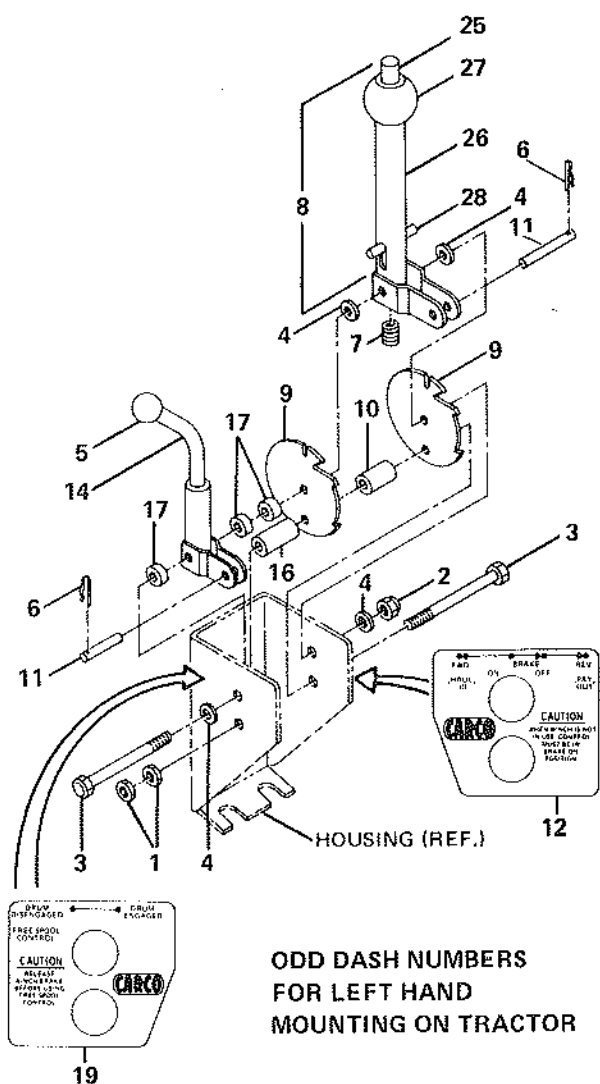


CONTROL STAND—NO. 49001

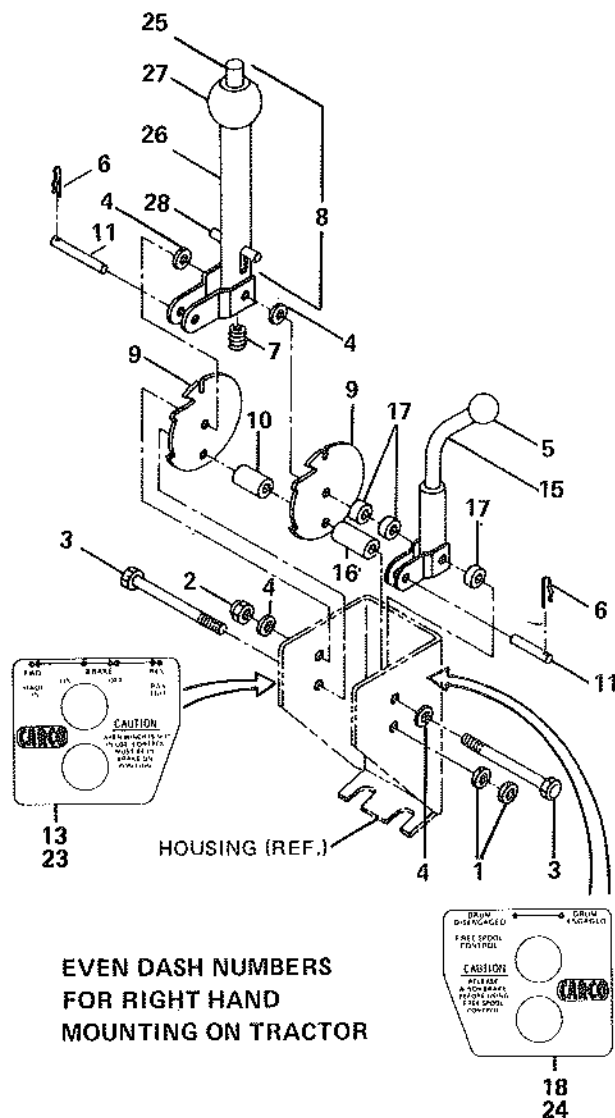
REF.	CARCO PART NO.	NAME AND DESCRIPTION	CONTROL STAND GROUP NO'S 49001-1 THRU 49001-8							
			QTY. -1	QTY. -2	QTY. -3	QTY. -4	QTY. -5	QTY. -6	QTY. -7	QTY. -8
1	49002-1	Housing	1				1		1	
2	49002-2	Housing		1				1		1
3	49002-3	Housing			1					
4	49002-4	Housing				1				
5	41403	Spring	1	1	1	1	1	1	1	1
* 6	49003	Lever Assy.	1	1	1	1	1	1	1	1
7	49007	Lock Plate	2	2	2	2	2	2	2	2
8	49804-3	Spacer	1	1	1	1	1	1	1	1
9	49010	Pin	1	1	1	1	1	1	1	1
10	16033-6	Nut, 3/8 UNC Hex	2	2	2	2	2	2	2	2
11	16039-66	Lock Nut, ESNA 21NE-066	1	1	1	1	1	1	1	1
12	49314	Shift Instruction Plate	1	1	1	1				
13	16047-620	Cap Screw, 3/8 UNC x 2-1/2 H.H.	2	2	2	2	2	2	2	2
14	16064-6	Washer, 3/8	4	4	4	4	4	4	4	4
15	16381-13	Hitch Pin, WESTERN WIRE WW-13	1	1	1	1	1	1	1	1
* 16	41404	Ball	1	1	1	1	1	1	1	1
* 17	16294-824	Spring Pin, 1/4 x 1-1/2	1	1	1	1	1	1	1	1
* 18	49004	Push Rod	1	1	1	1	1	1	1	1
19	49314-3	Shift Instruction Plate						1		

*Items 16, 17, 18 are included in item 6.

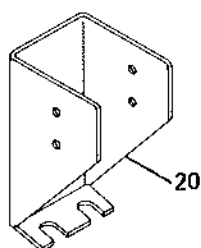
CARCO PS WINCH W/FREE SPOOL
PARTS LIST SECTION—PAGE 30
CONTROL STAND ASSY.



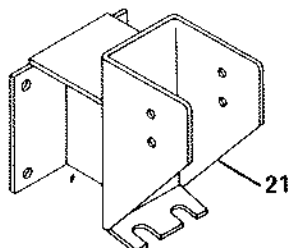
ODD DASH NUMBERS
FOR LEFT HAND
MOUNTING ON TRACTOR



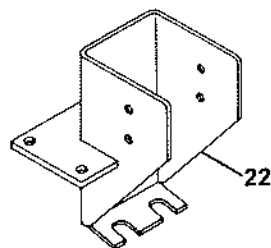
EVEN DASH NUMBERS
FOR RIGHT HAND
MOUNTING ON TRACTOR



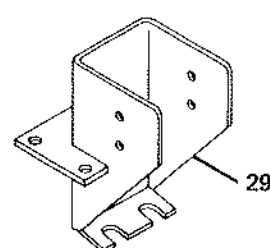
49806-1



49806-2



49806-3



49806-4

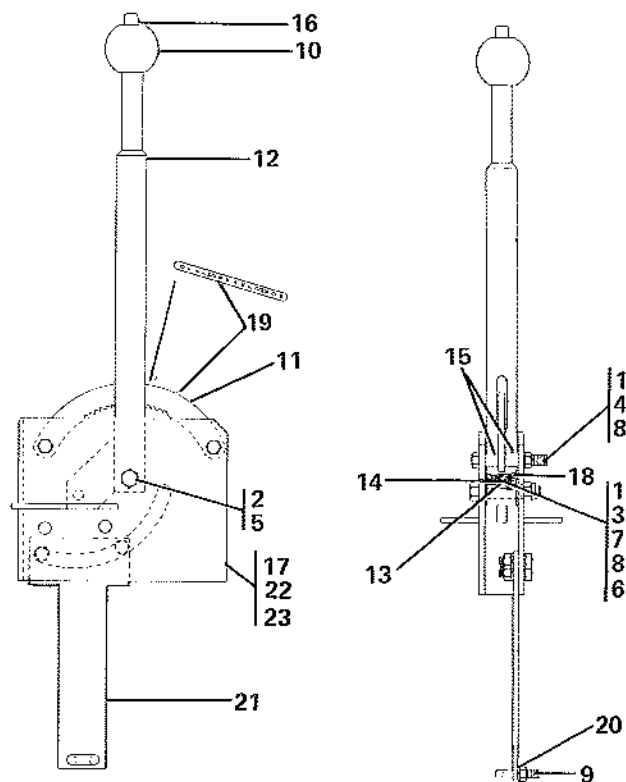
CONTROL STAND ASSEMBLY 49805
WINCH SERIAL NUMBER 5137 THRU 5140, 5198 AND UP

CONTROL STAND ASSEMBLY 49805-1 thru -9

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUANTITY								
			-1	-2	-3	-4	-5	-6	-7	-8	-9
1	16033-6	Nut, 3/8 UNC Hex	2	2	2	2	2	2	2	2	2
2	16039-66	Lock Nut, ESNA 21NE-066	1	1	1	1	1	1	1	1	1
3	16047-632	Cap Screw, 3/8 UNC x 4 H.H.	2	2	2	2	2	2	2	2	2
4	16064-6	Washer, 3/8	4	4	4	4	4	4	4	4	4
5	16236-4	Knob	1	1	1	1	1	1	1	1	1
6	16381-13	Hitch Pin, WESTERN WIRE WW-13	2	2	2	2	2	2	2	2	2
7	41403	Spring	1	1	1	1	1	1	1	1	1
*8	49003	Power Shift Lever Assy.	1	1	1	1	1	1	1	1	1
9	49007	Lock Plate	2	2	2	2	2	2	2	2	2
10	49804-3	Spacer	1	1	1	1	1	1	1	1	1
11	49010	Pin	2	2	2	2	2	2	2	2	2
12	49314	Power Shift Instruction Plate		1		1		1		1	
13	49314-2	Power Shift Instruction Plate	1		1		1				
14	49802-2	Free Spool Lever Assy.		1		1		1		1	1
15	49802-1	Free Spool Lever Assy.	1		1		1		1		
16	49804-1	Spacer	1	1	1	1	1	1	1	1	1
17	49804-2	Spacer	3	3	3	3	3	3	3	3	3
18	49807-1	Free Spool Instruction Plate	1		1		1				
19	49807-2	Free Spool Instruction Plate		1		1		1		1	
20	49806-1	Housing	1	1							
21	49806-2	Housing			1	1					1
22	49806-3	Housing					1	1	1		
23	50911	Power Shift Instruction Plate							1		
24	50912	PTO Valve Instruction Plate							1		
*25	49004	Push Rod	1	1	1	1	1	1	1	1	1
*26	49005	Handle	1	1	1	1	1	1	1	1	1
*27	41404	Ball	1	1	1	1	1	1	1	1	1
*28	16294-824	Spring Pin, 1/4 x 1-1/2	1	1	1	1	1	1	1	1	1
29	49806-4	Housing								1	

*Items 25, 26, 27, 28 are included in item 8.

CARCO MODEL G-80-PSC & PSM WINCH
PARTS LIST SECTION—PAGE 32
BRAKE STAND

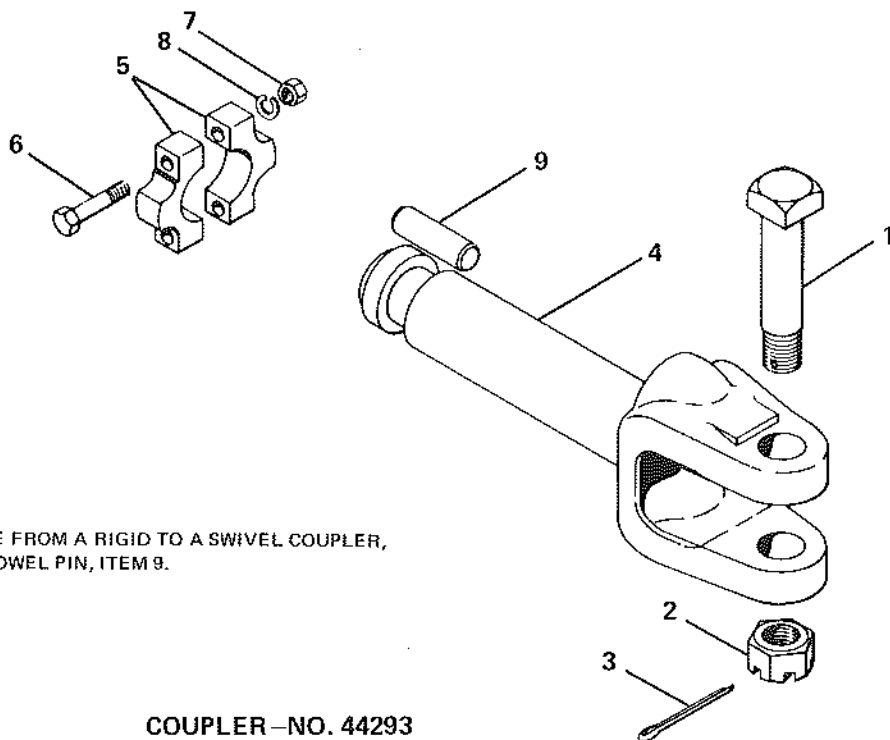


BRAKE STAND — NO. 49434

REF.	CARCO PART NO.	NAME AND DESCRIPTION	BRAKE STAND GROUP NO.		
			QUANTITY 49434-7	QUANTITY 49434-8	QUANTITY 49434-9
1	16033-6	Nut, 3/8 UNC Hex	4	4	4
2	16039-83	Lock Nut, ESNA 21NE-083	1	1	1
3	16047-608	Cap Screw, 3/8 UNC x 1 H.H.	2	2	2
4	16047-620	Cap Screw, 3/8 UNC x 2-1/2 H.H.	2	2	2
5	16047-818	Cap Screw, 1/2 UNC x 2-1/4 H.H.	1	1	1
6	16064-3	Washer, No. 10	1	1	1
7	16064-6	Washer, 3/8	2	2	2
8	16067-6	Lock Washer, 3/8	4	4	4
9	16398-4	U-Bolt, CABLECRAFT 161-010-4	1	1	1
10	41404	Ball	1	1	1
11	4632250627	Sector	1	1	1
12	49435	Handle 34642	1	1	1
13	49436	Washer	2	2	2
14	49437	Bushing	1	1	1
15	49438	Spacer	4	4	4
16	4944050629	Rod	1	1	1
17	49444-3	Housing	1		
18	49445	Spring	1	1	1
19	49446	Plate	1	1	1
20	16067-4	Lock Washer, 1/4	2	2	2
21	50099	Arm	1	1	1
22	49444-4	Housing			1
23	49444-5	Housing		1	

*See page 11 for brake control group used with these stands.

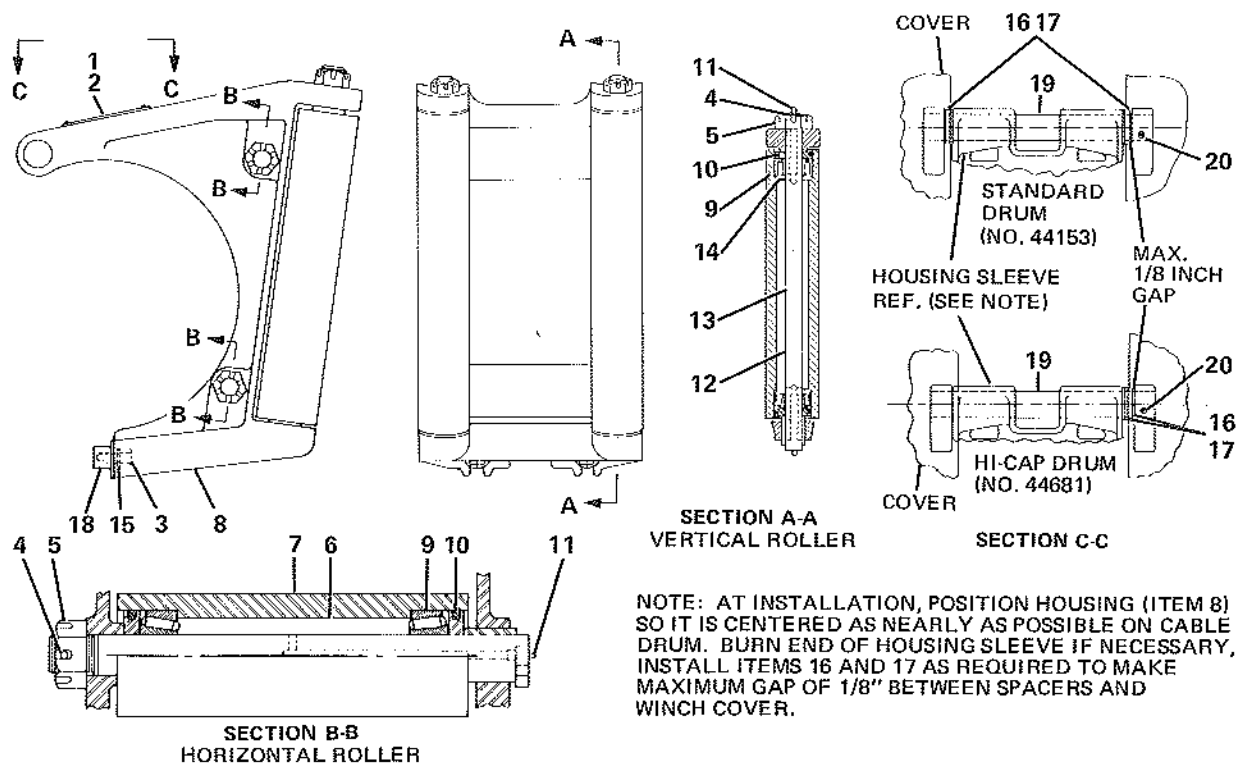
CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 33
COUPLER



REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT
1	Y-905-7	Bolt (includes items 2 and 3)	1
2	Y-905-5	Nut (includes item 3)	1
3	16288-1248	Cotter Pin, 3/8 x 3	1
4	32711	Coupler	1
5	45703	Clamp (includes items 6, 7 and 8)	1
6	16047-1022	Cap Screw, 5/8 UNC x 2-3/4 H.H.	2
7	16033-10	Nut, 5/8 UNC Hex	2
8	16067-10	Washer, 5/8 Lock	2
9	32874	Pin	1

CARCO MODEL G-80-PS, PSM & PSC WINCH
PARTS LIST SECTION—PAGE 34
FAIRLEAD

THIS FAIRLEAD IS NORMALLY FURNISHED AS A 3-ROLLER UNIT, WITH HORIZONTAL ROLLER IN TOP POSITION — IF A 4-ROLLER UNIT IS REQUIRED, AN ADDITIONAL ROLLER CAN BE SUPPLIED CONSISTING OF ITEMS LISTED IN COLUMN "A" IN PARTS LIST.



FAIRLEAD—PART NO. { 40416-30 (3 ROLLER, USE WITH STD. DRUM NO. 44153)
40416-40 (4 ROLLER, USE WITH STD. DRUM NO. 44153)
46667-30 (3 ROLLER, USE WITH HI CAP DRUM NO. 44681)
46667-40 (4 ROLLER, USE WITH HI CAP DRUM NO. 44681)

REF.	CARCO PART NO.	NAME AND DESCRIPTION	QUAN. PER UNIT	"A"
1	26248	Name Plate	1	
2	16055-5	Drive Screw, #10 x 3/8 Type U	4	
3	16047-2018	Cap Screw, 1-1/4 UNC x 2-1/4 H.H.	2	
4	16288-1240	Cotter Pin, 3/8 x 2-1/2	3	1
5	16036-24	Nut, TIMKEN K8111	3	1
6	35016	Shaft	1	1
7	30706	Roller	1	1
8	40415	Housing	1	
9	15235	Brg. Cup	6	2
	15178	Brg. Cone	6	2
10	30044	Dust Guard	6	2
11	16222-2	Fitting, ALEMITE 1610B	5	1
12	30705	Roller	2	
13	30701	Shaft	2	
14	30045	Retainer	4	
15	16063-20	Washer, 1-1/4	2	
16	49879-1	Spacer	2	
17	49879-2	Spacer	2	
18	42184	Attaching Lug	2	
19	49043-2	Cable Guard	1	
20	16288-1272	Cotter Pin, 3/8 x 4-1/2	1	

*Welds to winch case.