

Parts Manual

FOR SERIES

C-14B

Hydraulic Backhoes

SERIAL NO. _____

NOTE:

The parts pages are intended for use in ordering parts, and therefore do not always depict the correct way to assemble components.

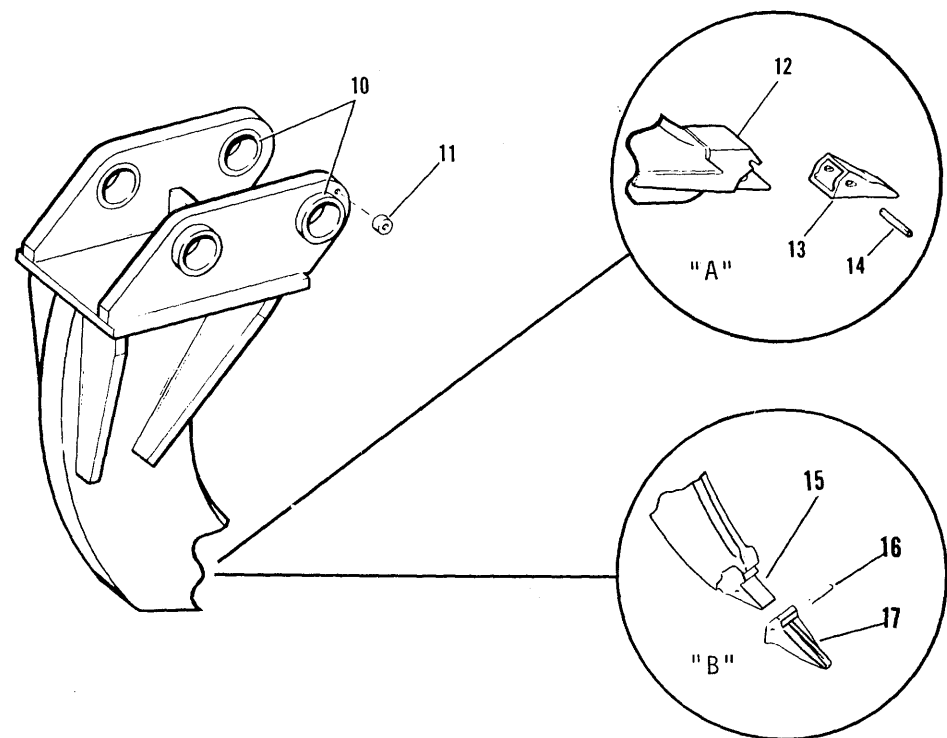
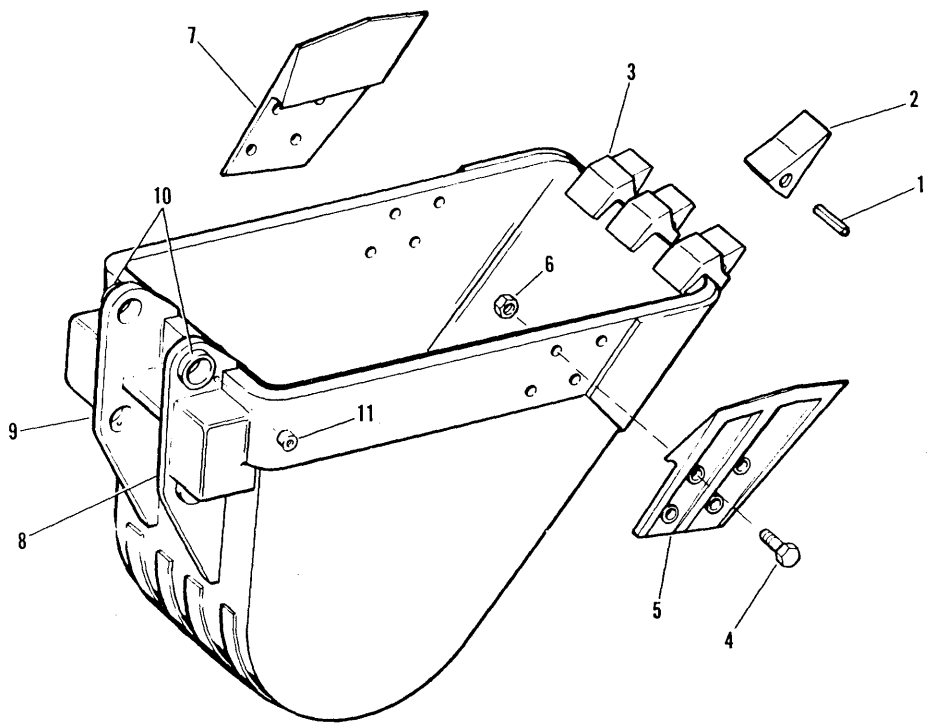
9308138



CONSTRUCTION EQUIPMENT DIV
WAUKESHA, WISCONSIN 53186

ITEM	PART NUMBER	DESCRIPTION	QTY
1	401158	Pin-25 Series	As Req'd
2	401160	Point-25 Series	As Req'd
3	401157	Shank-25 Series	As Req'd
4	400195	Bolt (3/4-16 X 3 1/4 Gr 5)	8
5	150156	R.H. Side Cutter	1
6	400017	Nut	8
7	150155	L.H. Side Cutter	1
8	150235	L.H. Hinge Plate w/Bosses	1
9	150236	R.H. Hinge Plate w/Bosses	1
10	150216	Boss	As Req'd

ITEM	PART NUMBER	DESCRIPTION	QTY
11	150242	Button	As Req'd
12	450602	Shank-27 Series	1
13	450603	Tooth-Impact Resist. (Blue)	1
	452762	Tooth-Abrasion Resist. (Red)	1
14	450604	Pin-27 Series	1
15	150670	Shank	1
16	150669	Pin	1
17	150668	Tooth-Impact Resist. (Blue)	1
	150714	Tooth-Abrasion Resist. (Red)	1



NOTE:
 Frostpoints bought through March 31, 1978 use "A"
 Frostpoints bought after April 1, 1978 use "B"

Hein-Werner

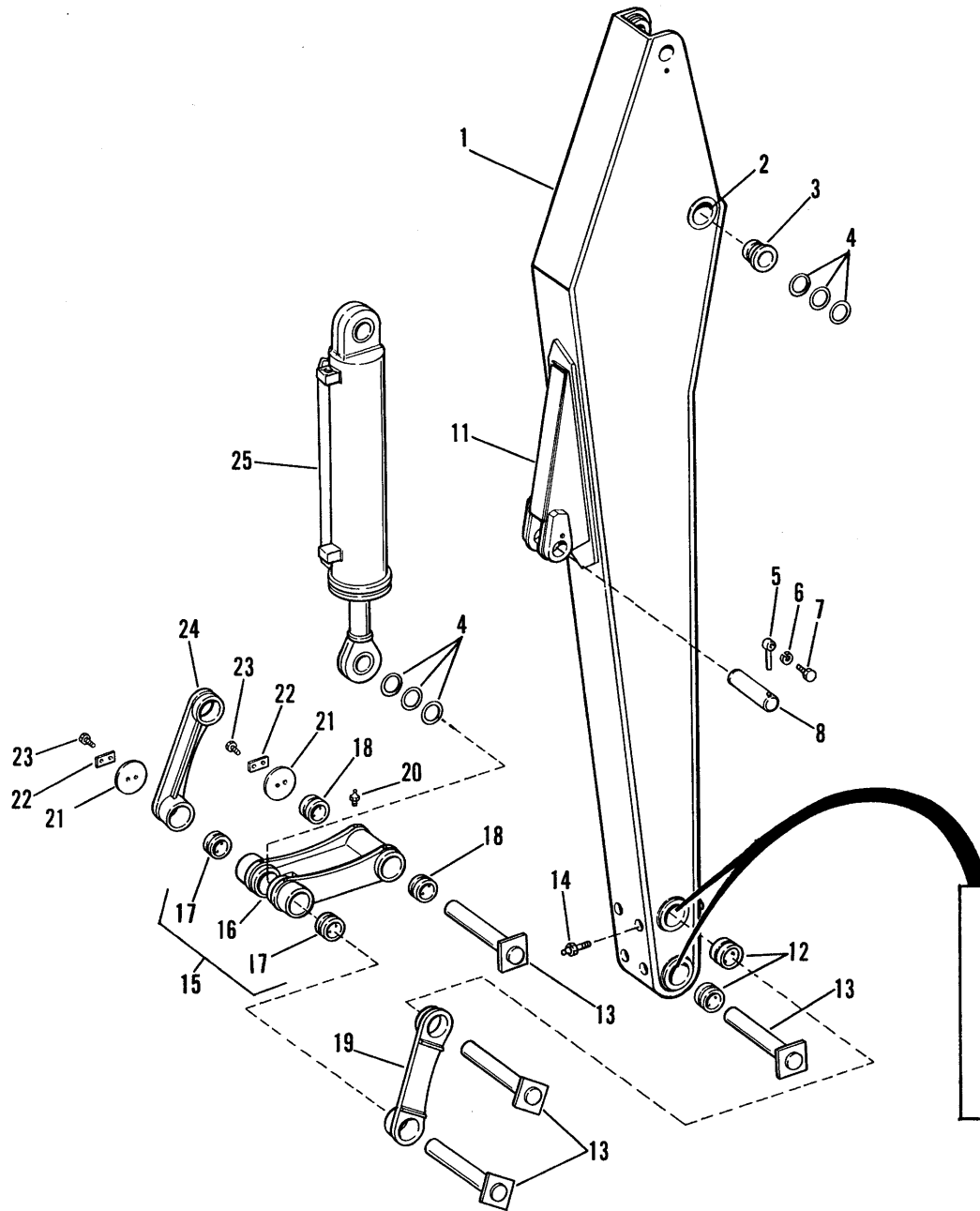
BUCKET PARTS

ATTACHMENT

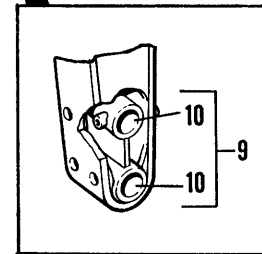
EFFECTIVE

SN
Date

PAGE 1-00



ITEM	PART NUMBER	DESCRIPTION	QTY
1	110416	Long Dipstick (13'1")	1
	110461	Short Dipstick (11'5")	1
2	110330	Housing	1
3	220068	Bushing	2
4	100490	Shim (7 Gauge)	As Req'd
	100491	Shim (12 Gauge)	As Req'd
	100492	Shim (18 Gauge)	As Req'd
5	401204	Pin Retainer	1
6	400423	Lockwasher	1
7	400441	Bolt (5/8-18 X 1 3/4 Gr 5)	1
8	210303	Pin	1
9	110466	Housing Assembly (w/Bushings)	1
10	110467	Housing (w/Bushings)	2
11	110410	Mounting Bracket	1
12	220180	Bushing	4
13	210200	Pin	4
14	401128	Grease Fitting	4
15	150721	Bucket Link (w/Bushings)	1
16	150619	Bucket Link Only	1
17	220173	Bushing	2
18	220075	Bushing	2
19	150624	Bell Crank L.H.	1
20	400385	Grease Fitting	4
21	210201	Retainer Plate	4
22	400678	Lock Plate	4
23	400430	Bolt (5/8-11 X 1 1/2 Gr 5)	8
24	150625	Bell Crank R.H.	1
25	040933	Bucket Cylinder Assembly	1



Hein-Werner

DIPSTICK AND LINKAGE

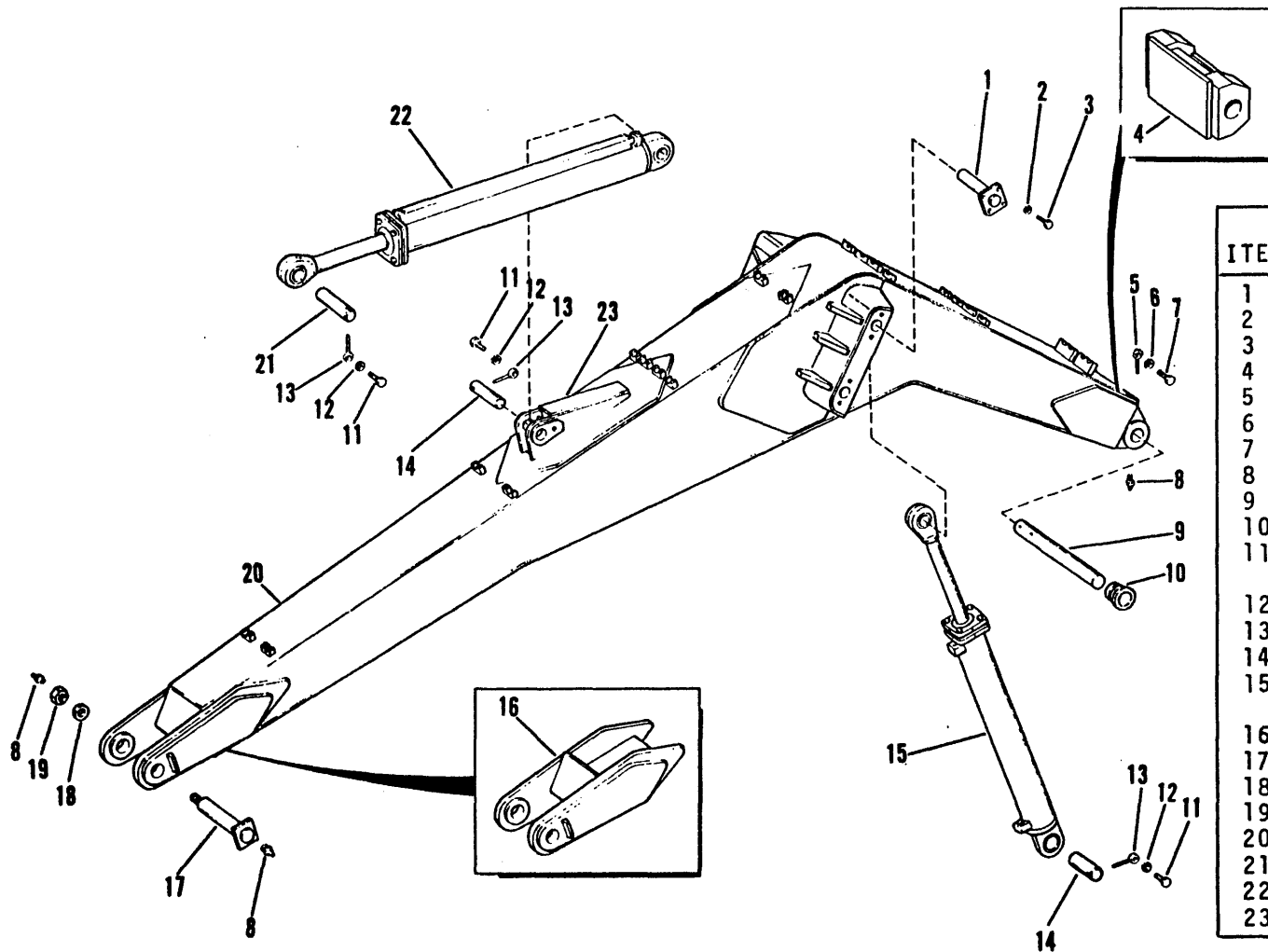
ATTACHMENT

EFFECTIVE

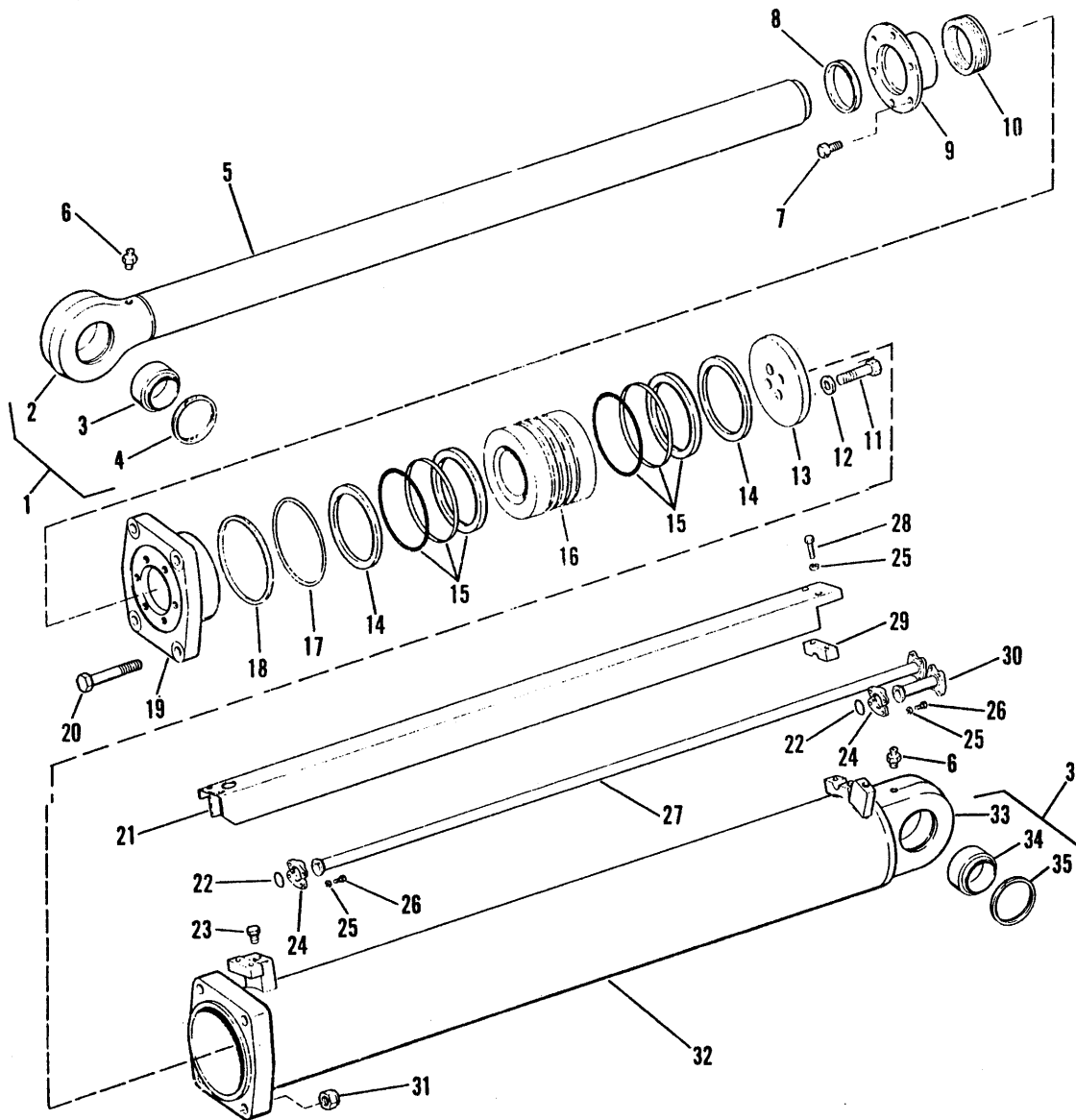
SN 14-2900

Date July 10, 1978

PAGE 2-00A



ITEM	PART NUMBER	DESCRIPTION	QTY
1	210311	Pin	2
2	400056	Lockwasher	4
3	400986	Bolt (½-13 X 1½ Gr 8)	4
4	100909	Boom Base Assembly	1
5	401206	Pin Retainer	1
6	400204	Lockwasher	1
7	400299	Bolt (7/8-14 X 2 Gr 5)	1
8	400385	Grease Fitting	3
9	210320	Boom Foot Pin	1
10	220068	Bushing	2
11	400441	Bolt (5/8-18 X 1 3/4 Gr 5)	4
12	400423	Lockwasher	4
13	401204	Pin Retainer	4
14	210303	Pin	3
15	040919	Boom Cyl. w/Tubes LH	1
	040920	Boom Cyl. w/Tubes RH	1
16	100456	Boom Point	1
17	210270	Pin	1
18	210112	Spacer	1
19	401386	Locknut	1
20	100873	Boom	1
21	210304	Pin	1
22	040932	Dipstick Cyl. Assembly	1
23	100845	Mounting Bracket	1



ITEM	PART NUMBER	DESCRIPTION	QTY
1	041100	Rod End w/Bushing	1
2	040893	Rod End Only	1
3	220082	Bushing	1
4	401175	Snap Ring	2
5	040891	Rod Assembly	1
6	400015	Grease Fitting	2
7	400401	Bolt (3/8-16 X 1½ Gr 5- drilled)	6
8	010179	Rod Wiper	1
9	040882	Rod Bearing	1
10	010135	Packing	1
11	401316	Bolt (3/4-16 X 3½ Gr 8)	4
12	400756	Washer	4
13	040996	Butt Plate	1
14	010208	Piston Ring	2
15	010222	Piston Ring Set (3 parts)	2
16	041008	Piston	1
17	010177	O-Ring	1
18	010180	Back-up Ring	1
19	040878	Head	1
20	401239	Bolt (1-14 X 4½ Gr 8)	4
21	040934	Guard	1
22	010103	O-Ring	2
23	020492	Plug	2
24	400666	Flange	4
25	400023	Lockwasher	12
26	400022	Bolt (3/8-16 X 1½ Gr 5)	8
27	031935	Tube	1
28	400036	Bolt (3/8-16 X 2 Gr 5)	4
29	400693	Clamp	1
30	030799	Tube	1
31	400658	Locknut	4
32	040890	Cylinder Body	1
33	040870	Base Only	1
34	220172	Bushing	1
35	010178	Snap Ring	2
36	041098	Base w/Bushing	1

Note: Order Part No. 040866 for Cylinder Assembly without tubes and guard.

CYLINDER SERVICE KIT
Includes Items 8, 10, 14, 15, 17, 18, 22
Order Part # 452749

Hein-Werner

BUCKET CYLINDER (040933)

CYLINDERS

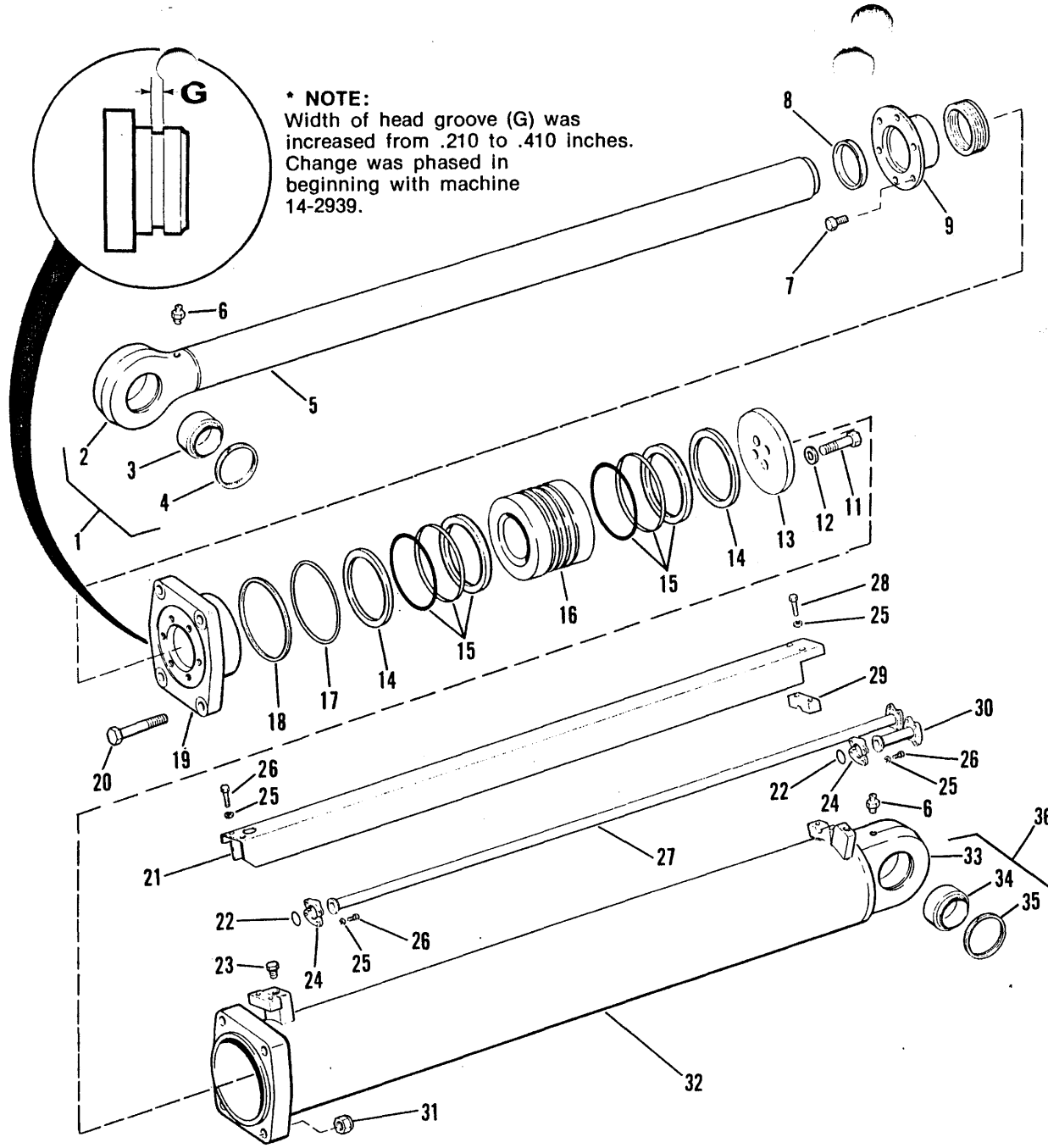
EFFECTIVE

SN 14-2900

Date July 10, 1978

PAGE 1-00

* NOTE:
Width of head groove (G) was
increased from .210 to .410 inches.
Change was phased in
beginning with machine
14-2939.



ITEM	PART NUMBER	DESCRIPTION	QTY
1	041100	Rod End w/Bushing	1
2	040893	Rod End Only	1
3	220082	Bushing	1
4	401175	Snap Ring	2
5	040891	Rod Assembly wo/Bushing	1
6	400015	Grease Fitting	2
7	400401	Bolt (3/8-16 X 1 1/4 Gr 5- drilled)	6
8	010179	Rod Wiper	1
9	040882	Rod Bearing	1
10	010185	Packing	1
11	401316	Bolt (3/4-16 X 3 1/4 Gr 8)	4
12	400756	Washer	4
13	040996	Butt Plate	1
14	010208	Piston Ring	2
15	010222	Piston Ring Set (3 parts)	2
16	041008	Piston	1
17	010230*	O-Ring (for .410 groove)	1
18	010235*	Back-up Ring (for .410)	1
19	040878	Head	1
20	401239	Bolt (1-14 X 4 1/2 Gr 8)	4
21	040934	Guard	1
22	010103	O-Ring	2
23	020492	Plug	2
24	400666	Flange	4
25	400023	Lockwasher	12
26	400022	Bolt (3/8-16 X 1 1/4 Gr 5)	10
27	031935	Tube	1
28	400036	Bolt (3/8-16 X 2 Gr 5)	4
29	400693	Clamp	1
30	030799	Tube	1
31	400658	Locknut	4
32	040890	Cylinder Body wo/Bushing	1
33	040870	Base Only	1
34	220172	Bushing	1
35	010178	Snap Ring	2
36	041098	Base w/Bushing	1

Note: Order Part No. 040866 for Cylinder
Assembly without tubes and guard.

CYLINDER SERVICE KIT
Includes Items 8, 10, 14, 15, 17, 18, 22
Order Part # 452989

* Check head groove before ordering parts. [See note above.]

Hein-Werner

BUCKET CYLINDER (040933)

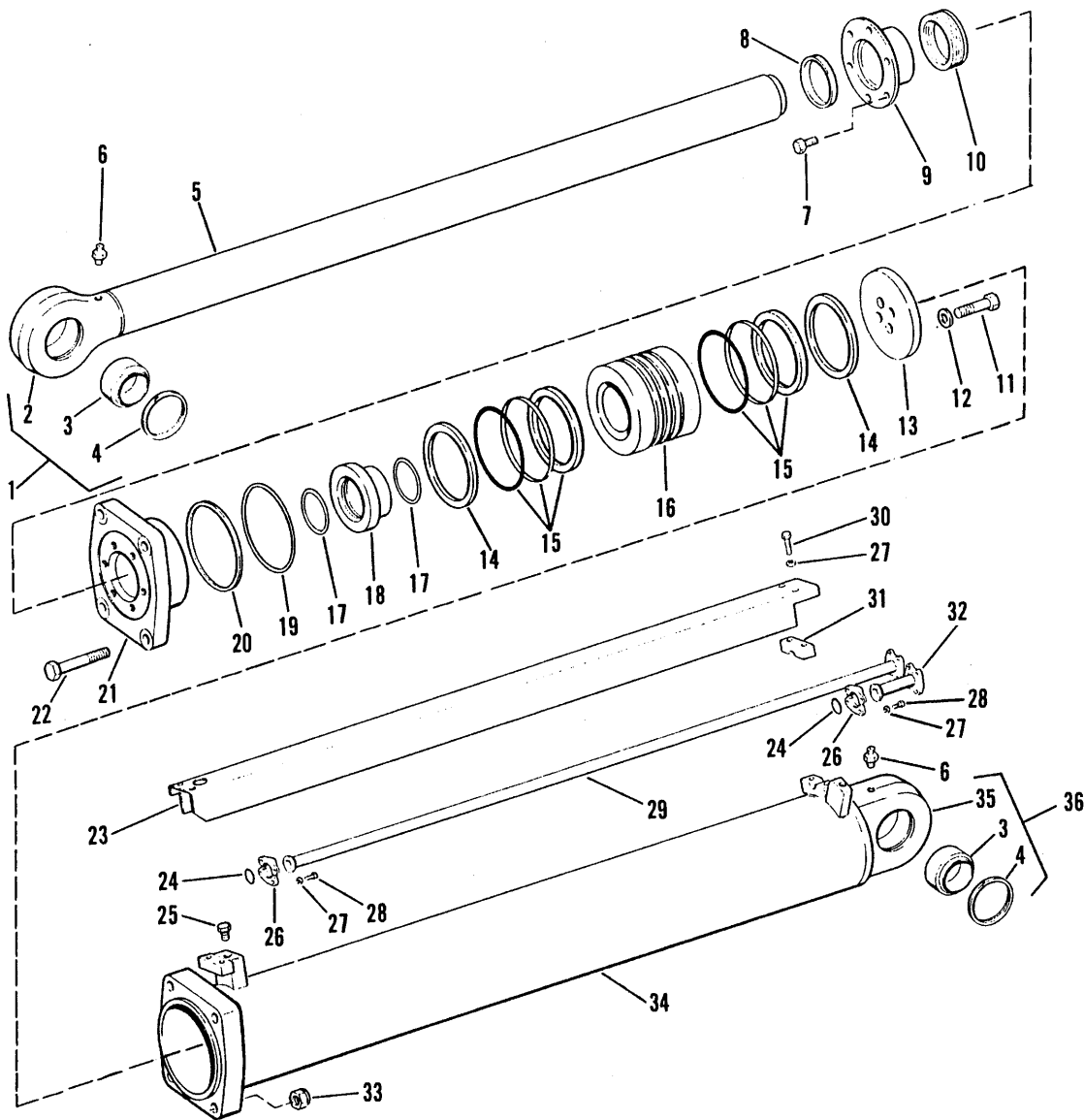
CYLINDERS

EFFECTIVE

SN 14-2939

Date January 12, 1979

PAGE 1-01



ITEM	PART NUMBER	DESCRIPTION	QTY
1	041099	Rod End w/Bushing	1
2	040886	Rod End Only	1
3	220172	Bushing	2
4	010178	Snap Ring	4
5	040884	Rod Assembly	1
6	400015	Grease Fitting	2
7	400401	Bolt (3/8-16 X 1 1/4 Gr 5-drilled)	6
8	010179	Rod Wiper	1
9	040882	Rod Bearing	1
10	010185	Packing	1
11	401316	Bolt (3/4-16 X 3 1/4 Gr 8)	4
12	400756	Washer	4
13	040996	Butt Plate	1
14	010208	Piston Ring	2
15	010222	Piston Ring Set (3 parts)	2
16	041008	Piston	1
17	010118	O-Ring	2
18	040879	Spacer	1
19	010177	O-Ring	1
20	010180	Back-up Ring	1
21	040878	Head	1
22	401239	Bolt (1-14 X 4 1/2 Gr 8)	4
23	040935	Guard	1
24	010103	O-Ring	2
25	020492	Plug	2
26	400666	Flange	4
27	400023	Lockwasher	12
28	400022	Bolt (3/8-16 X 1 1/4 Gr 5)	8
29	031936	Tube	1
30	400036	Bolt (3/8-16 X 2 Gr 5)	4
31	400693	Clamp	1
32	030799	Tube	1
33	400658	Locknut	4
34	040871	Cylinder Body	1
35	040870	Base Only	1
36	041098	Base w/Bushing	1

Note: Order Part No. 040865 for Cylinder Assembly without tubes and guard.

CYLINDER SERVICE KIT
Includes Items 8,10,14,15,17,19,20,24
Order Part # 452750

Hein-Werner

DIPSTICK CYLINDER (040932)

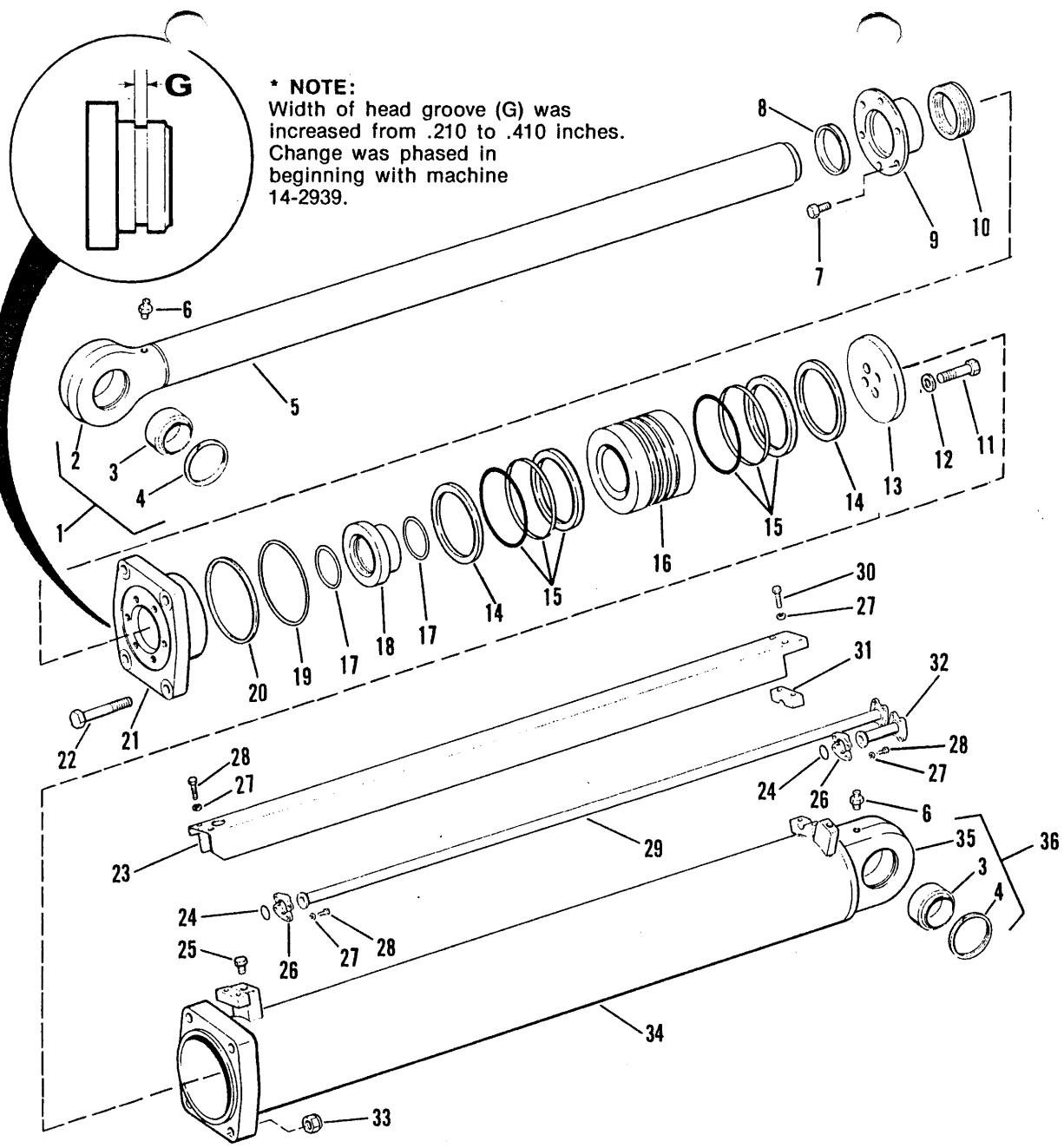
EFFECTIVE

SN 14-2900

Date July 10, 1978

CYLINDERS

PAGE 2-00



*** NOTE:**
 Width of head groove (G) was increased from .210 to .410 inches. Change was phased in beginning with machine 14-2939.

ITEM	PART NUMBER	DESCRIPTION	QTY
1	041099	Rod End w/Bushing	1
2	040886	Rod End Only	1
3	220172	Bushing	2
4	010178	Snap Ring	4
5	040884	Rod Assembly wo/Bushing	1
6	400015	Grease Fitting	2
7	400401	Bolt (3/8-16 X 1 1/4 Gr 5-drilled)	6
8	010179	Rod Wiper	1
9	040882	Rod Bearing	1
10	010185	Packing	1
11	401316	Bolt (3/4-16 X 3 1/4 Gr 8)	4
12	400756	Washer	4
13	040996	Butt Plate	1
14	010208	Piston Ring	2
15	010222	Piston Ring Set (3 parts)	2
16	041008	Piston	1
17	010118	O-Ring	2
18	040879	Spacer	1
19	010230*	O-Ring (for .410 groove)	1
20	010235*	Back-up Ring (for .410)	1
21	040878	Head	1
22	401239	Bolt (1-14 X 4 1/2 Gr 8)	4
23	040935	Guard	1
24	010103	O-Ring	2
25	020492	Plug	2
26	400666	Flange	4
27	400023	Lockwasher	12
28	400022	Bolt (3/8-16 X 1 1/4 Gr 5)	10
29	031936	Tube	1
30	400036	Bolt (3/8-16 X 2 Gr 5)	4
31	400693	Clamp	1
32	030799	Tube	1
33	400658	Locknut	4
34	040871	Cylinder Body wo/Bushing	1
35	040870	Base Only	1
36	041098	Base w/Bushing	1

Note: Order Part No. 040865 for Cylinder Assembly without tubes and guard.

CYLINDER SERVICE KIT
 Includes Items 8,10,14,15,17,19,20,24
 Order Part # 452990

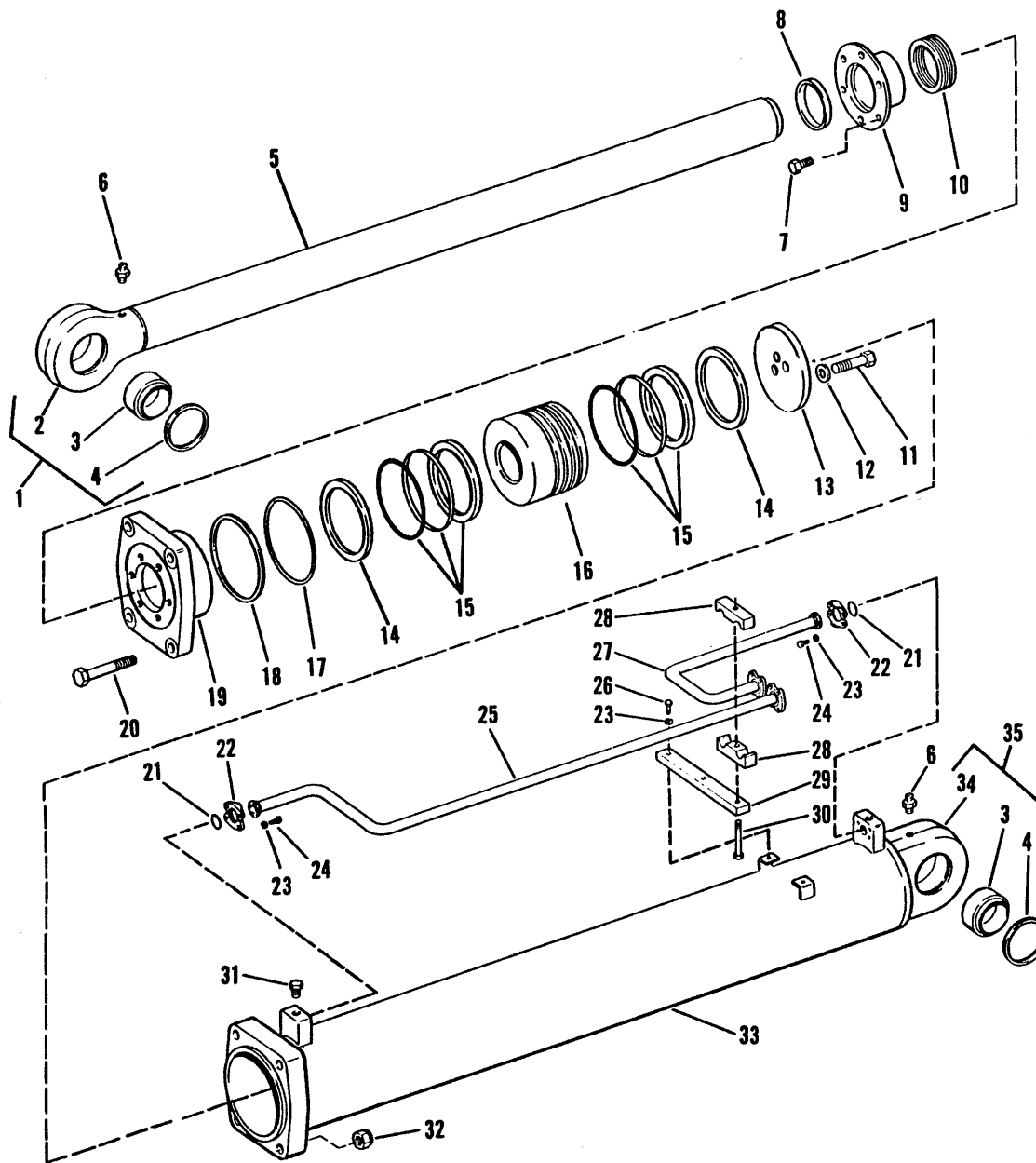
* Check head groove before ordering parts. [See note above.]



DIPSTICK CYLINDER (040932)

CYLINDERS

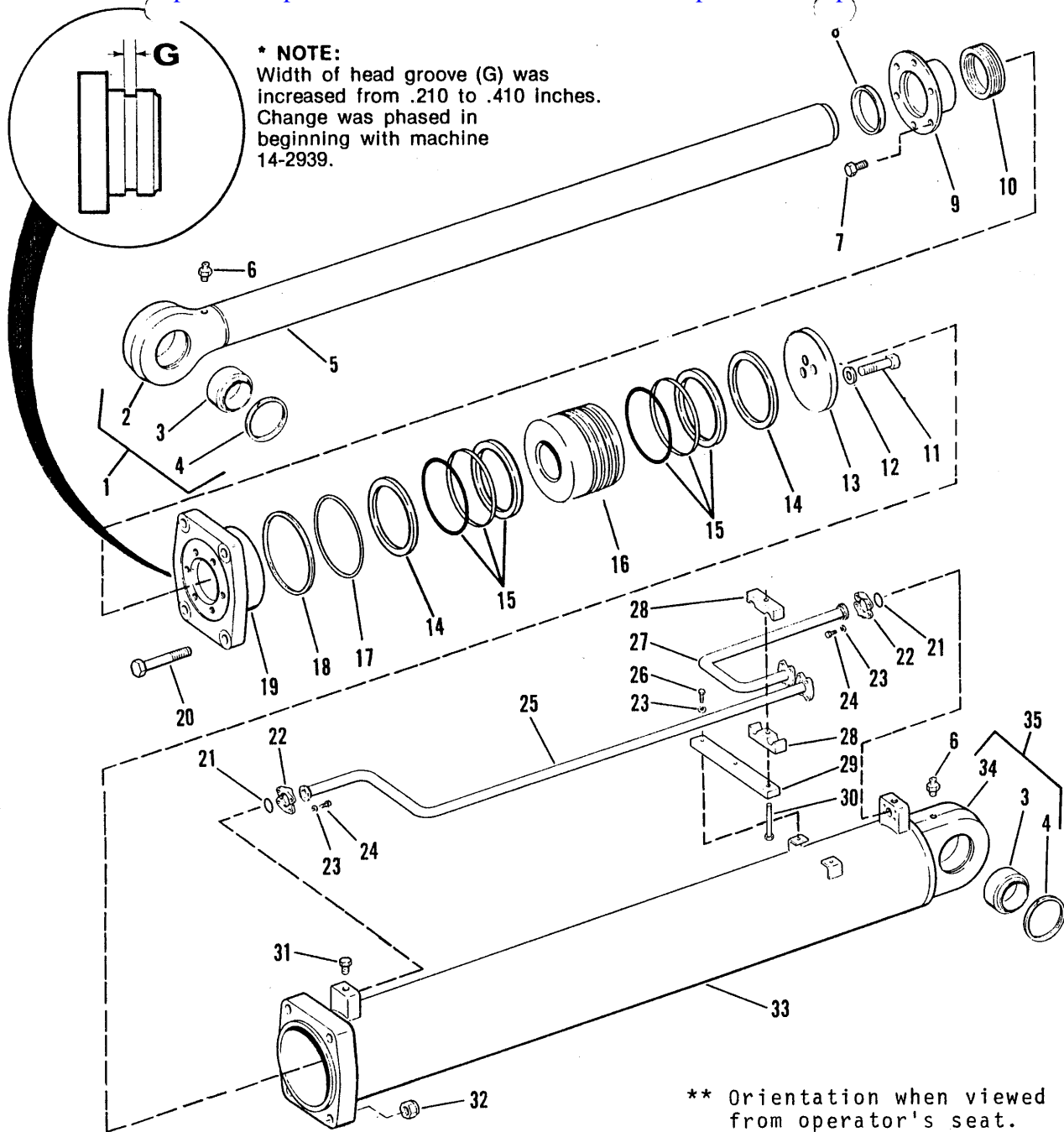
EFFECTIVE
 SN 14-2939
 Date January 12, 1979



ITEM	PART NUMBER	DESCRIPTION	QTY
1	041101	Rod End w/Bushing	1
2	040906	Rod End Only	1
3	220172	Bushing	2
4	010178	Snap Ring	4
5	040901	Rod Assembly	1
6	400015	Grease Fitting	2
7	400401	Bolt (3/8-16 X 1 1/2 Gr 5-drilled)	6
8	010181	Rod Wiper	1
9	040902	Rod Bearing	1
10	010184	Packing	1
11	401316	Bolt (3/4-16 X 3 1/2 Gr 8)	3
12	400756	Washer	3
13	041024	Butt Plate	1
14	010211	Piston Ring	2
15	010218	Piston Ring Set (3 parts)	2
16	040904	Piston	1
17	010155	O-Ring	1
18	010182	Back-up Ring	1
19	040909	Head	1
20	401240	Bolt (3/4-16 X 4 1/2 Gr 8)	4
21	010103	O-Ring	2
22	400666	Flange	4
23	400023	Lockwasher	10
24	400022	Bolt (3/8-16 X 1 1/2 Gr 5)	8
25	031938	Tube	1
26	400405	Bolt (3/8-16 X 1 Gr 5)	2
27	031752	Tube	1
28	400797	Clamp	2
29	040850	Bar	1
30	400614	Bolt (1/2-13 X 3-3/4 Gr 5)	1
31	020492	Plug	2
32	400422	Locknut	4
33	040908	Cylinder Body	1
34	040911	Base Only	1
35	041102	Base w/Bushing	1

Note: Order Part No. 040897 for Cylinder Assembly without tubes and clamps.

CYLINDER SERVICE KIT
Includes Items 8, 10, 14, 15, 17, 18, 21
Order Part # 452748



*** NOTE:**
Width of head groove (G) was increased from .210 to .410 inches. Change was phased in beginning with machine 14-2939.

ITEM	PART NUMBER	DESCRIPTION	QTY
1	041101	Rod End w/Bushing	1
2	040906	Rod End Only	1
3	220172	Bushing	2
4	010178	Snap Ring	4
5	040901	Rod Assembly wo/Bushing	1
6	400015	Grease Fitting	2
7	400401	Bolt (3/8-16 X 1 1/2 Gr 5-drilled)	6
8	010181	Rod Wiper	1
9	040902	Rod Bearing	1
10	010184	Packing	1
11	401316	Bolt (3/4-16 X 3 1/2 Gr 8)	3
12	400756	Washer	3
13	041024	Butt Plate	1
14	010211	Piston Ring	2
15	010218	Piston Ring Set (3 parts)	2
16	040904	Piston	1
17	010229*	O-Ring (for .410 groove)	1
18	010234*	Back-up Ring (for .410)	1
19	040909	Head	1
20	401240	Bolt (3/4-16 X 4 1/2 Gr 8)	4
21	010103	O-Ring	2
22	400666	Flange	4
23	400023	Lockwasher	10
24	400022	Bolt (3/8-16 X 1 1/2 Gr 5)	8
25	031938	Tube	1
26	400405	Bolt (3/8-16 X 1 Gr 5)	2
27	031752	Tube	1
28	400797	Clamp	2
29	040850	Bar	1
30	400614	Bolt (1/2-13 X 3-3/4 Gr 5)	1
31	020492	Plug	2
32	400422	Locknut	4
33	040908	Cylinder Body wo/Bushing	1
34	040911	Base Only	1
35	041102	Base w/Bushing	1

Note: Order Part No. 040897 for Cylinder Assembly without tubes and clamps.

CYLINDER SERVICE KIT
Includes Items 8, 10, 14, 15, 17, 18, 21
Order Part # 452988

** Orientation when viewed from operator's seat.

* Check head groove before ordering parts.
[See note above.]