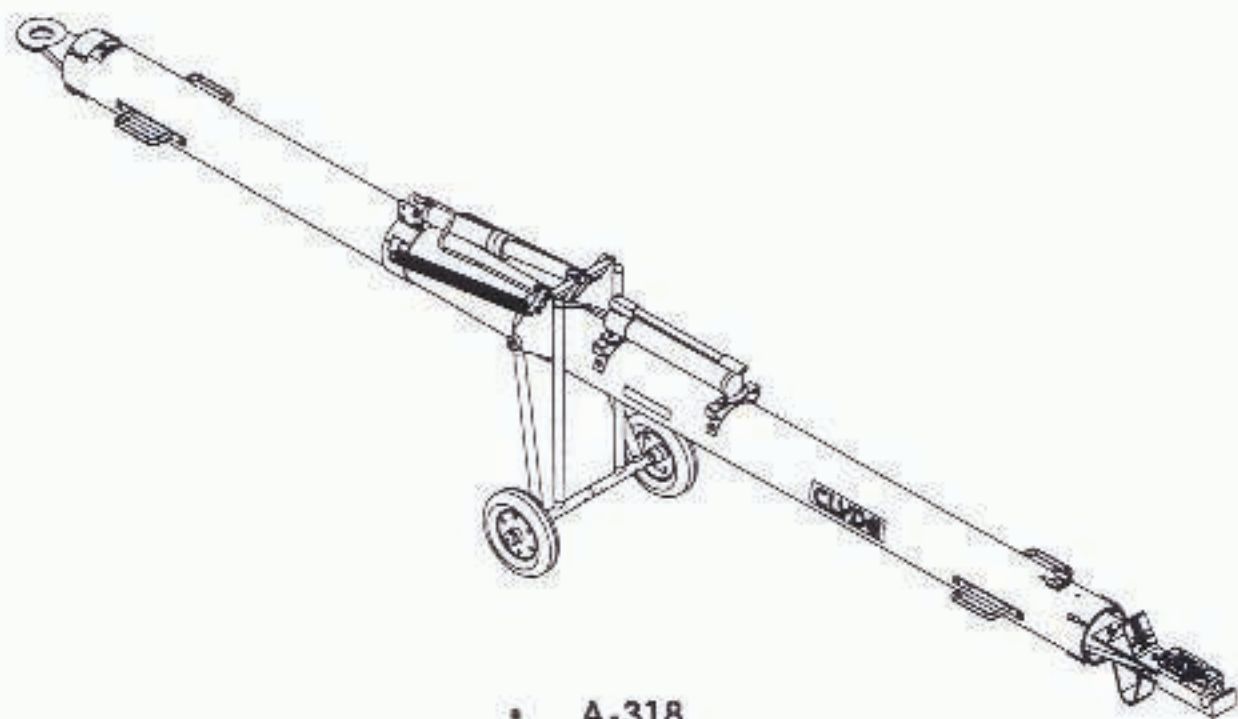


CLYDE

TB-2284 OWNER'S MANUAL



- A-318
- A-319
- A-320
- A-321

WARRANTY

Clyde Machines Inc. warrants all goods of it's manufacture to be free from defects caused by faulty material or poor workmanship and will at it's option repair or replace, without charge, or allow credit for any such goods found on examination by Seller to be defective under normal use and service within one year from date of shipment to the Buyer, provided Seller is promptly notified in writing upon discovery of such defects. Goods shall not be returned to Seller or modified at Seller's expense without Seller's consent in writing. This warranty does not cover damage caused by improper use, installation, overloading, accident, neglect or harmful alterations or repairs made by others, weather conditions and acts of God. The Buyer's remedies with respect to defective good shall be exclusively limited as above provider and in no event shall the Seller be liable for consequential damage. Components purchased by the Seller are subject to the warranty policy of the original equipment manufacturer, and Seller will assist the Buyer in resolving any warranty claims if such action is required.



CLYDE MACHINES INC.
P.O. BOX 194
GLENWOOD, MN 56334
TEL. (320) 634-4504
FAX. (320) 634-4506

F. Model number and serial number of each unit parts are being

Ordered for,

G. Correct part number and descriptions of part.

H. Quantity required.

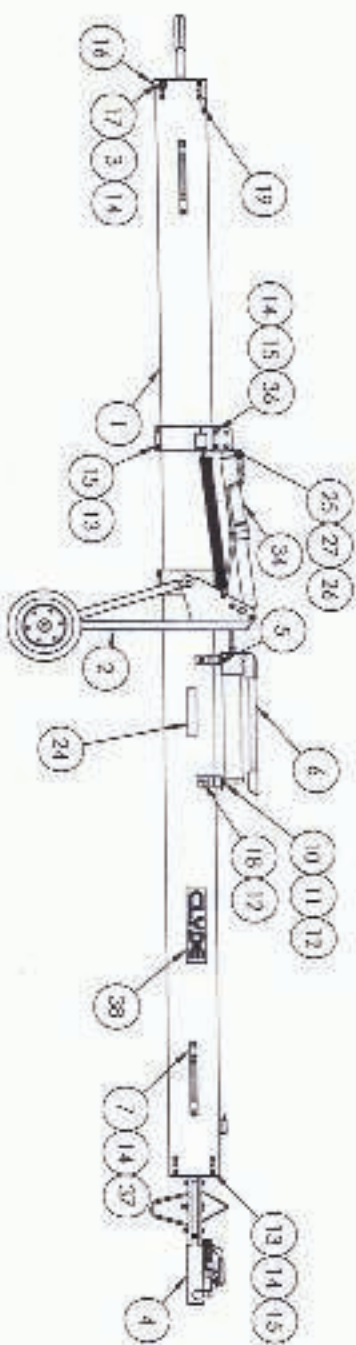
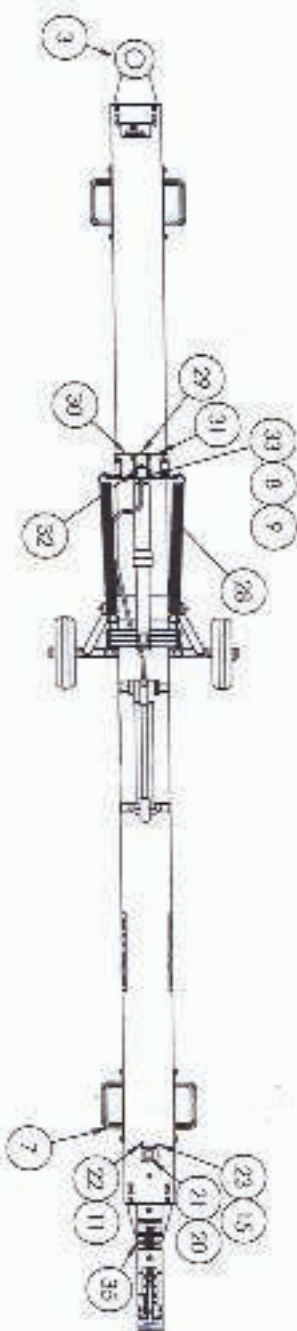
I. Your purchase order number.

J. Mail or call your order to: Clyde Machines, Inc.



ILLUSTRATED PARTS CATALOG

1592284 ASSEMBLY



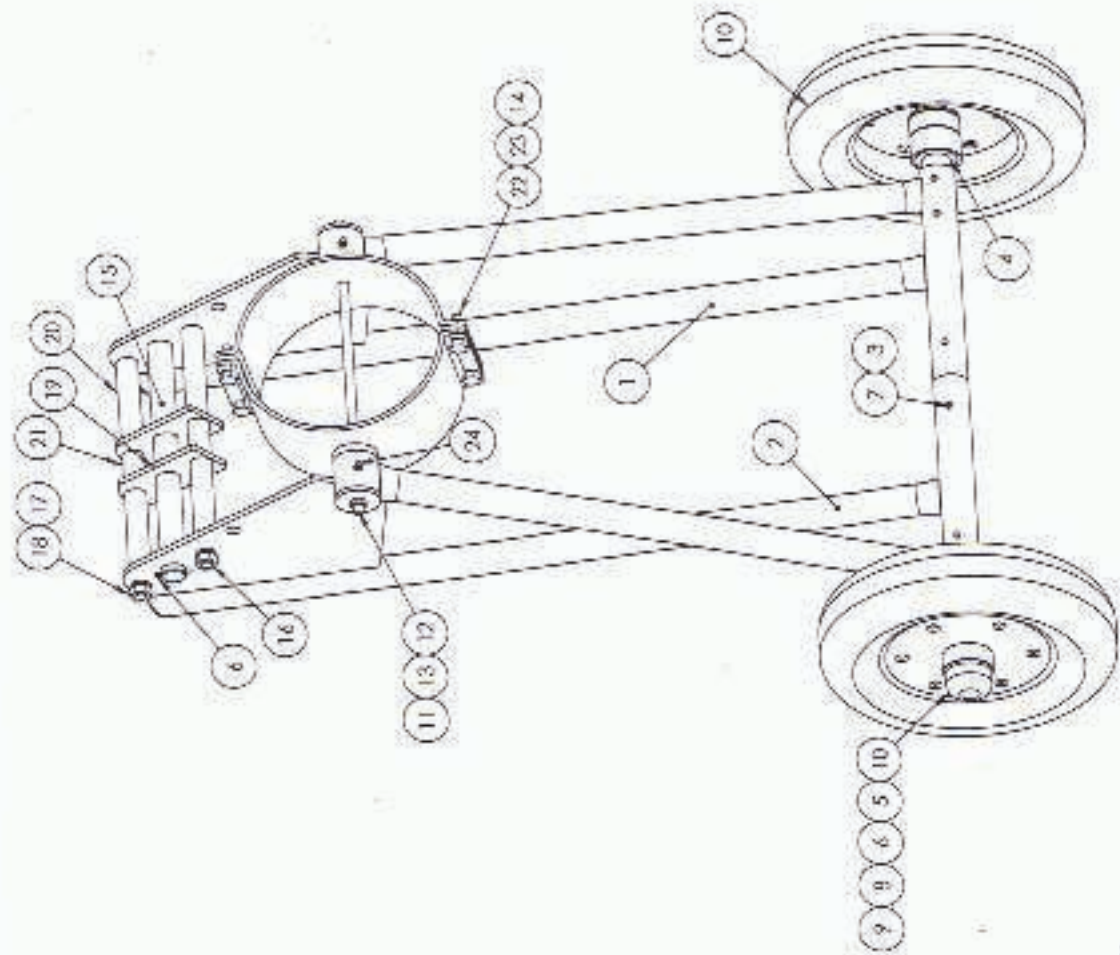
ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
1	15L76015	1	TOWBAR TUBE
2	15F190	1	AXLE LIFT ASSEMBLY
3	15W4555	1	LUNETE WELD
4	15P2016	1	A-320 TOWBAR TEAC ASSEMBLY
5	15W184	2	PUMP SUPPORT BRACKET WELD
6	1505816	1	HAND PUMP
7	15W5464	4	HAND WELD
8	150002	1	1/2 IN WASHER
9	150003	1	1/2-20 X 2.34 LG. C.S.
10	150748	4	1/4-28 X 1" LG. C.S.
11	150298	5	1/4-28 NYLON NUT
12	150303	5	1/4" WASHER
13	150310	24	3/8-24 NF X 1.14 LG. C.S.
14	150309	36	3/8 WASHER AN
15	150308	29	3/8-24 UNF NYLON NUT
16	1501914	1	RUB PLATE
17	150337	2	3/8-24 UNF X 1.14 LG. C.S.
18	150304	4	1/4-20 X 3/4 LG. CAP SCREW
19	1504099	1	SEE AL NUMBER PLATE
20	15W4636	1	BOLT BRACKET WELD
21	1503323	2	1/4-20 X 3/4 LG. SET SCREW
22	1505388	1	SHEAR BOLT
23	1505387	1	SHEAR BOLT
24	15L16770	1	FLACART
25	1500050	1	STR EL ANCHOR
26	150475	1	SWIVEL ADAPTOR
27	15P2182	1	HOSE ASSEMBLY
28	15P2726	1	EXTENSION SPRING
29	15W308	1	KEEPER BOLT & PIN WELD
30	15W164	1	SPRING BRKT & ATTACH ANGLE WELD L.H.
31	15W2495	1	SPRING BRKT & ATTACH ANGLE WELD R.H.
32	15L306	1	CYLINDER END SLEEVE
33	150660	1	1/2-20 NF NYLON JAW NUT
34	1505590	1	CYLINDER
35	1505751	1	SHEAR BOLT PLACARD
36	150006	2	3/8-24 X 2.34 LG. C.S.
37	150007	8	3/8-24 X 1 LG. CAP SCREW
38	1504381	2	CLYDE LOGO (BLACK)



ILLUSTRATED PARTS CATALOG

15FT90 ASSEMBLY

ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
1	15W182	1	AXLE LIFT WELDMENT K.I.L.
2	15W1769	1	AXLE LIFT WELDMENT L.I.L.
3	15L504	1	AXLE ATTACHMENT TUBE CONNECTOR
4	15L14530	2	SPACER WHEEL
5	15L502	2	AXLE
6	15C269	4	1/8 X 1 1/2 U.S. COTTER KEY
7	15C590	6	1/4 X 1 1/2 ROLL PIN
8	15C3113	2	3/4 16 NF SLOTTED NUT
9	15C521	2	3/4 WASHER AN
10	15C296	2	TIRE RIM & HUB ASSY
11	15W181	2	AXLE PIVOT SPINDLE & BRACKET W.H.D.
12	15L498	1	AXLE PIVOT TIE ROD
13	15L499	2	PIVOT SPINDLE WASHER
14	15C308	6	3/8-24 UNF NYLON NUT
15	15L491	1	CYLINDER ATTACHMENT ROD
16	15L492	2	SPACER TIE ROD
17	15C002	4	1/2 AN WASHER
18	15C660	4	1/2-20 NF NYLON JAM NUT
19	15L482	2	SPACER FLAT
20	15L493	4	OUTER SPACER
21	15L494	2	INNER SPACER
22	15C310	4	3/8-24 NF X 1 1/4 LG. C.S.
23	15C309	4	3/8 WASHER AN
24	15C232	2	1/4 26 STR GREASE ZERK



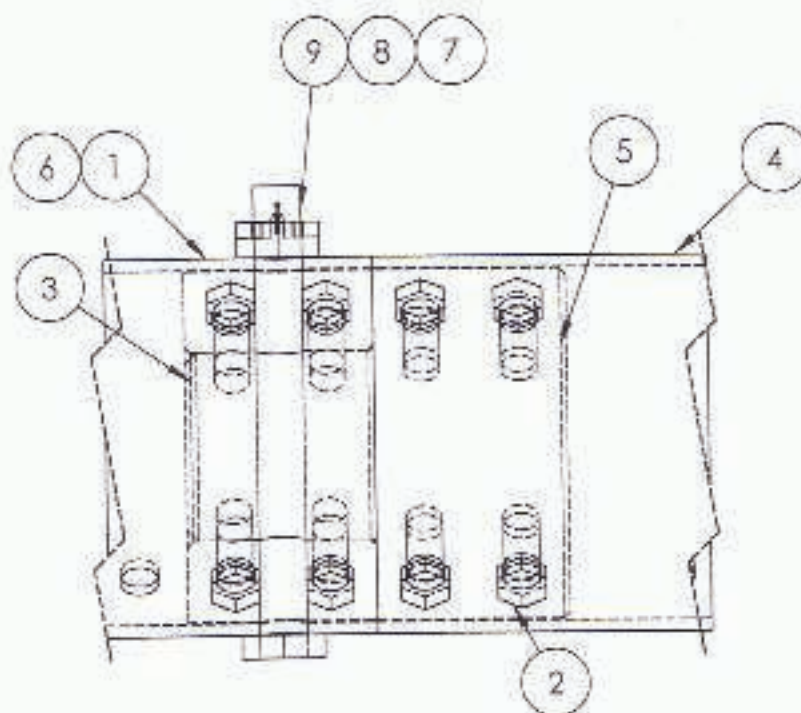
AXLE LIFT ASSEMBLY

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ILLUSTRATED PARTS CATALOG

15F2560 ASSEMBLY



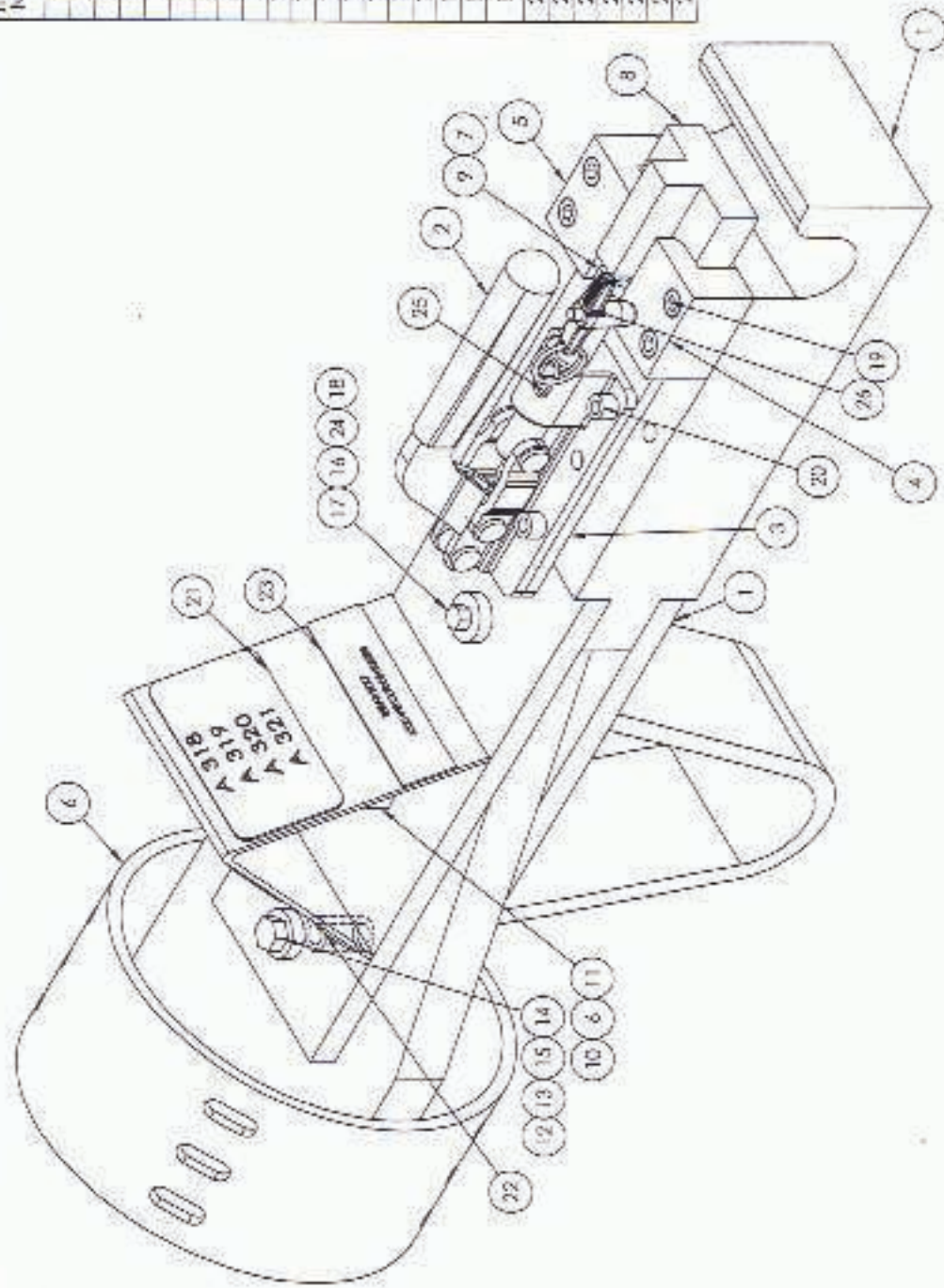
SPLICE ASSEMBLY

ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
1	15L21104	1	TOWBAR TUBE (HEAD END)
2	1504002	16	3/4 NF x 1 1/2 C.S.
3	15L21102	1	SPLICE CONNECTOR B
4	15L21103	1	TOW BAR TUBE(LUNETTE END)
5	15L21101	1	SPLICE CONNECTOR A
6	1521109	1	PLACARD
7	150336	1	CASTLE NUT
8	1502261	1	3/32 X 2 1/4 COTTER
9	15W5234	1	CONNECTOR BOLT WELD



ILLUSTRATED PARTS CATALOG

15P2316 ASSEMBLY



ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	15W4701	1	HEAD WELD
2	1504570	1	LOGGIE CLAMP
3	1515173	1	SHIM
4	1518562	1	HOLDING BLOCK R.H.
5	1518563	1	HOLDING BLOCK L.H.
6	15W4702	1	HEAD MOUNT WELD
7	1515175	1	THREADED ROD
8	1518561	1	LOCKING BLOCK
9	1504574	1	3/8-16 JAM NUT
10	1504622	1	5/8-20 NYLON NUT
11	150113	1	5/8 X 3" C.S.
12	1505036	1	HEADLESS DRILL BUSHING
13	1505038	2	BUSHING
14	1505037	1	SHEAR BOLT
15	150008	1	3/8-24 UNF NYLON NUT
16	1500037	2	BUSHING
17	1500085	1	SHEAR BOLT
18	150098	1	1/4-28 NYLON NUT
19	1502269	4	5/16-24 X 1 1/2 LG. SOCKET HEAD C.S.
20	1502270	4	5/16-24 X 1 LG. SOCKET HD C.S.
21	15118205	2	A320 PLACARD
22	1511821	1	SHEAR BOLT PLACARD
23	15118212	1	SHEAR BOLT PLACARD
24	15118568	1	BUSHING
25	1507886	1	CHAIN
26	1507976	1	BALL LOCK PIN

HEAD ASSEMBLY

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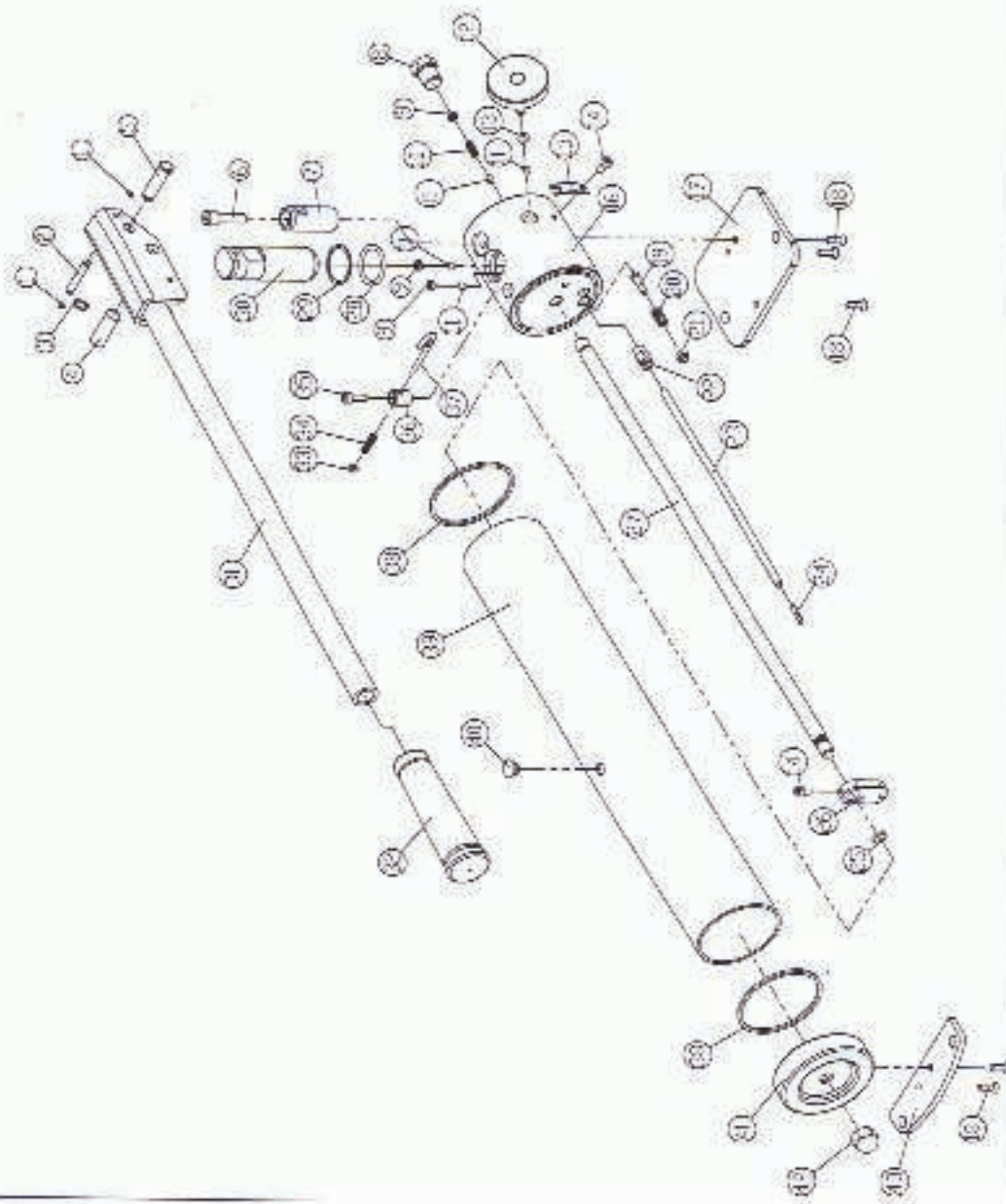
ILLUSTRATED PARTS CATALOG

1505816 ASSEMBLY

HAND PUMP ASSEMBLY

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	1505810	E-CLIP	2
2	1505811	PIN	1
3	1505809	C-CLIP	1
4	1505813	PIN	1
5	1505812	PIN	1
6	1505808	SCREW	1
7	1505770	FIXING PILLAR	1
8	1505770	NUT	1
9	1505777	SCREW	3
10	1505803	COMPRESSION SPRING	1
11	1505801	STEEL BALL	4
12	1505781	RELEASE VALVE	1
13	1505780	O-RING	1
14	1505783	SCREW	2
15	1505782	IRON PLATE	1
16	1505779	BASE	1
17	1505784	BASE PLATE	1
18	1505785	SCREW	5
19	1505802	NAIL	1
20	1505803	COMPRESSION SPRING	1
21	1505804	ADJUSTING SCREW	1
22	1505797	ADAPTER	1
23	1505805	TUBE	1
24	1505806	FILTER	1
25	1505788	O-RING	1
26	1505807	IRON PLATE	1
27	1505780	SCREW BAR	1
28	1505808	O-RING	1
29	1505807	BACK-UP RING	1
30	1505808	PISTON	1
31	1505814	HANDLE	1
32	1505815	HANDLE GRIP	1
33	1505772	NUT	1
34	1505773	COMPRESSION SPRING	1
35	1505774	SCREW	1
36	1505773	WASHER BASE	1
37	1505770	LOCK	1
38	1505780	WASHER BASE	2
39	1505780	RELIEF VALVE	1
40	1505780	OIL STOP RUBBER	1
41	1505782	END PLATE	1
42	1505781	NUT	1
43	1505780	SUPPORT	1
44	1505816	REPAIR KIT	1

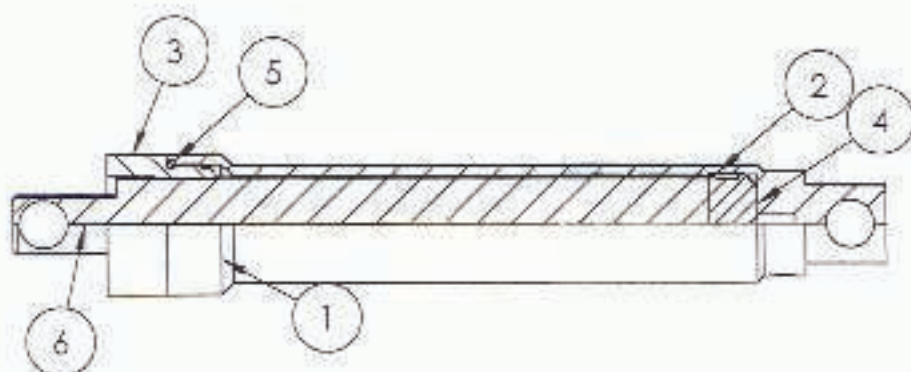
***REPAIR KIT INCLUDES ITEM NUMBERS: 13, 25, 26, 27, 38





ILLUSTRATED PARTS CATALOG

15F5590 ASSEMBLY



CYLINDER ASSEMBLY

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	1505600	1	JACKET ASSEMBLY
2	1505599	1	WEAR RING
3	1505604	1	GLAND NUT
4	1505603	1	POLYPAK (TYPE B)
5	1505602	1	O' RING
6	1505601	1	PISTON ROD ASSEMBLY