A division of SPX Corporation
655 Eisenhower Drive
Owatonna, MN 55060-0995 USA
Phone: (507) 455-7000
Tech. Serv.: (800) 533-6127
Fax: (800) 955-8329
Order Entry: (507) 455-1480
Fax: (800) 283-8665
International Sales: (507) 455-7223
Fax: (507) 455-7746

Form No. 100300

Parts List for:

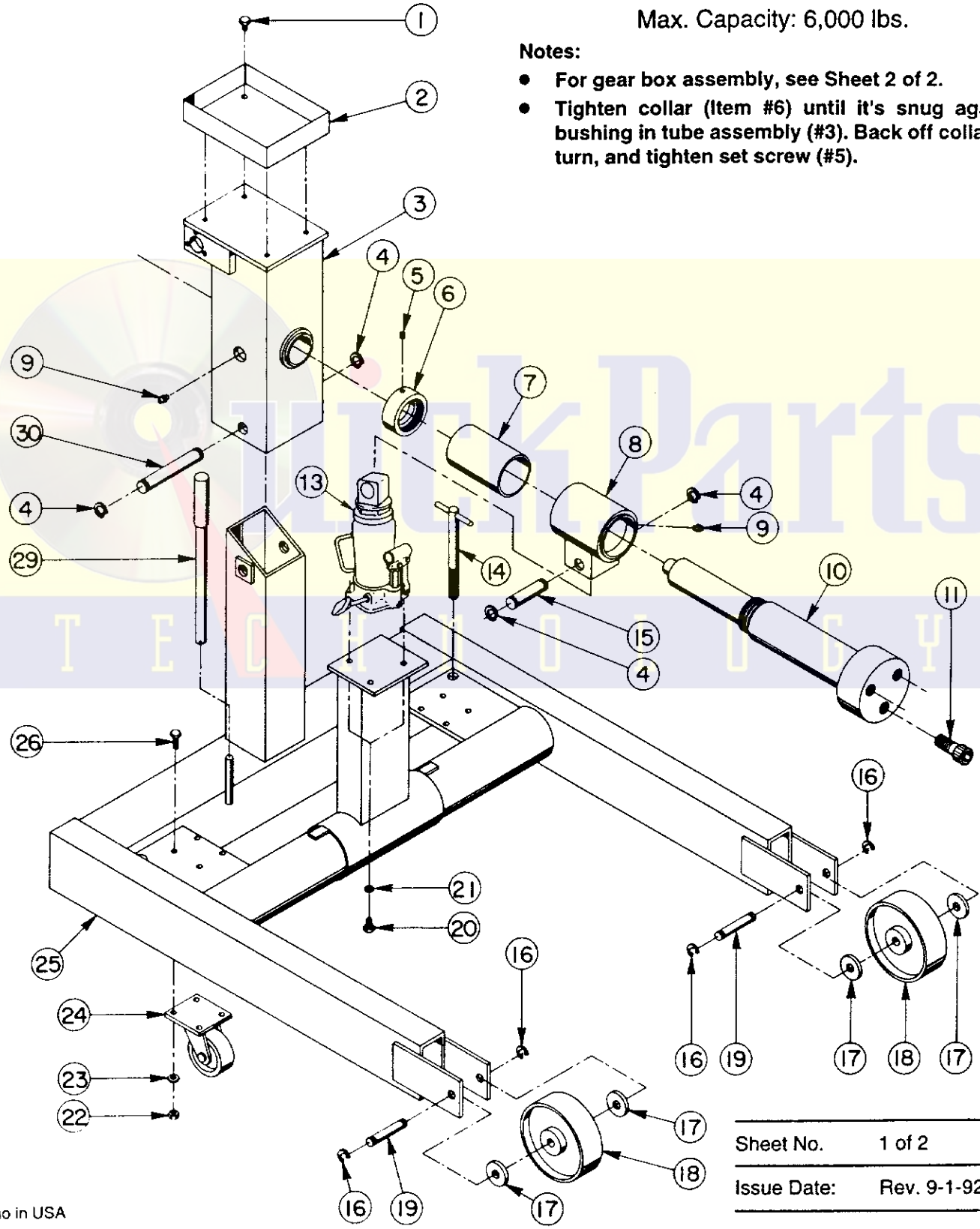
1750
1750-A
D-05223ST

Heavy Duty Engine Repair Stand

Max. Capacity: 6,000 lbs.

Notes:

- **For gear box assembly, see Sheet 2 of 2.**
- **Tighten collar (Item #6) until it's snug against bushing in tube assembly (#3). Back off collar 1/8 turn, and tighten set screw (#5).**



Sheet No.	1 of 2
Issue Date:	Rev. 9-1-92

Litho in USA

Item No.	Part No.	No. Req'd	Description
1	**12368**	4	Hex Hd. Cap Screw (3/8-16 x 1/2" lg.)
2	**43396-WH2**	1	Tool Box
3	**60551**	1	Tube Assembly
4	**12365**	4	Retaining Ring (for 1-1/8" shaft)
5	**14474**	1	Set Screw (1/4-20 x 1/2" lg.; Torque to 70/90 in. lbs.)
6	**38375**	1	Collar
7	**204531**	1	Tube
8	**43265**	1	Bushing Housing
9	**16696**	2	Grease Fitting
10	**51306**	1	Shaft Assembly
11	**12334**	3	Socket Hd. Cap Screw (1"-8 x 2-1/2" lg.)
13	**53780**	1	12 Ton Jack
14	**204522**	2	Locking Screw Assembly
15	**204521**	1	Pin
16	**11902**	4	Retaining Ring (for 3/4" shaft)
17	**205029**	4	Spacer
18	**17786**	2	Wheel (8" dia.)
19	**24512**	2	Pin
20	**16469**	2	Hex Hd. Cap Screw (3/8-16 x 1" lg.)
21	**10247**	2	Lockwasher (for 3/8" bolt)
22	**10204**	8	Nut (3/8-16 UNC)
23	**10258**	8	SAW Washer (for 3/8" bolt)
24	**16002**	2	Swivel Caster
25	**60539-BL2**	1	Engine Stand Base
26	**10052**	8	Hex Hd. Cap Screw (3/8-16 x 1-1/4" lg.)
29	**302889**	1	Handle Assembly
30	**204525**	1	Pin
	Parts Included but Not Shown		
	11280	1	Trade Name Decal
	19802	12 ft.	Abrasive Strip
	38614	1	Warning Decal
	43385	1	Warning Decal
	309956	1	Made in USA Decal
	43577	1	Revolver Decal
	MB990607-01	1	Socket
	205061	1	Engine Mounting Plate (for 1750-A)
	205466	1	Adapter (for D-05223ST)

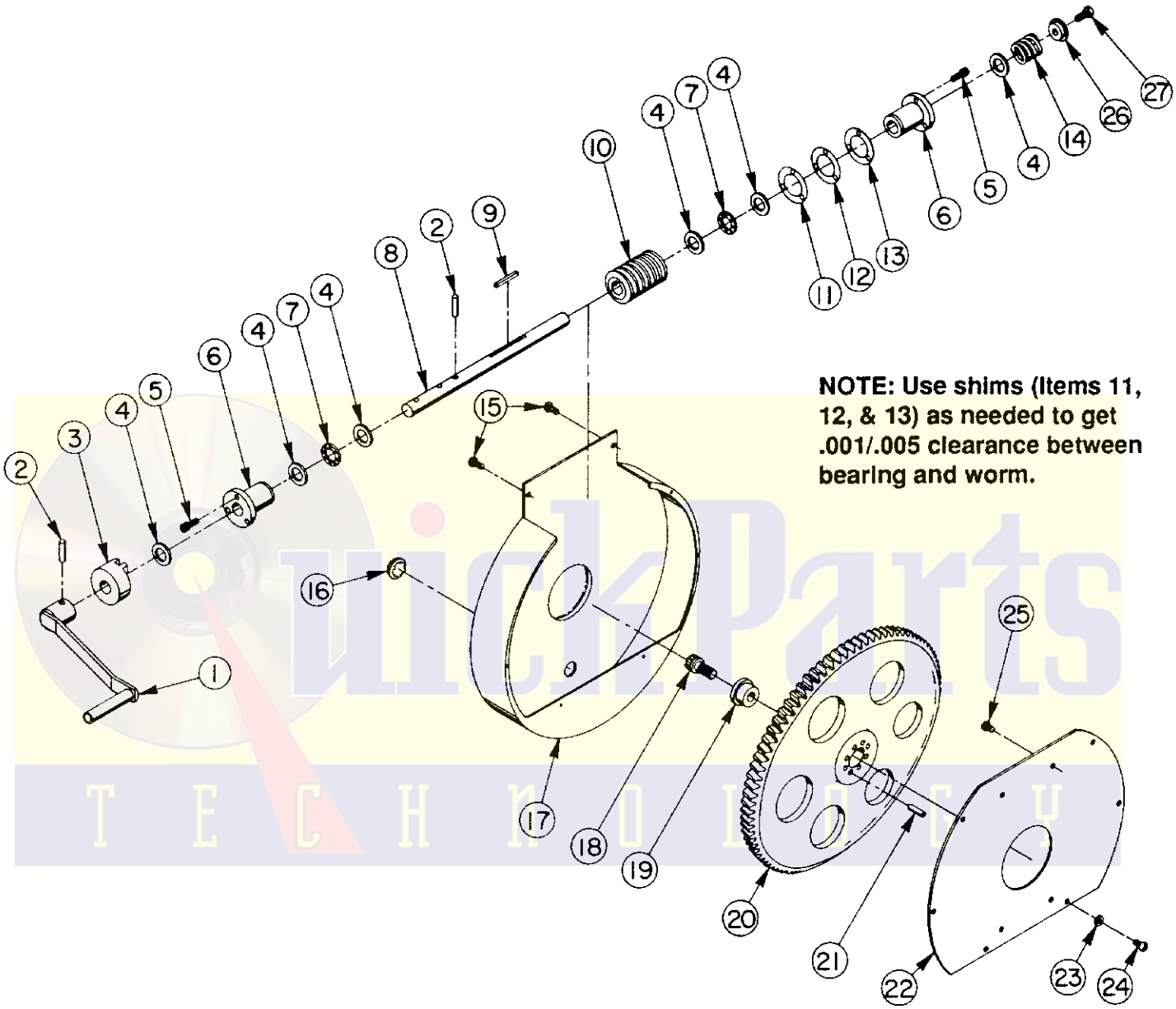
Refer to any operating instructions included with the product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found in this parts list have been carefully tested and selected by OTC. **Therefore: Use only OTC replacement parts!**

Additional questions can be directed to the OTC Div. Technical Services Department.

TECHNOLOGY

Gear Box Assembly



Sheet No.	2 of 2
Issue Date:	Rev. 9-1-92

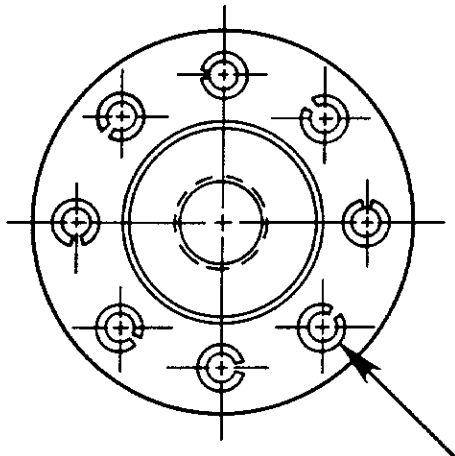
Litho in USA

Item No.	Part No.	No. Req'd	Description
1	**38370**	1	Handle
2	**16940**	2	Roll Pin (5/16 x 1-1/2" lg.)
3	**38369**	1	Lock
4	**12189**	6	Needle Thrust Bearing Race
5	**10012**	6	Socket Hd. Cap Screw (1/4-20 x 7/8" lg.; Torque to 130/150 in. lbs.)
6	**204657**	2	Bushing Assembly
7	**12188**	2	Needle Thrust Bearing
8	**38428**	1	Worm Shaft
9	**204527**	1	Key
10	**19305**	1	Worm
11	**204602**	AR	Shim (.003 thk.; see Note)
12	**204601**	AR	Shim (.010 thk.; see Note)
13	**204600**	AR	Shim (.032 thk.; see Note)
14	**15114**	1	Compression Spring (1-15/32 O.D. x 1-15/32" lg.)
15	**10175**	2	Rd. Hd. Screw (1/4-20 x 5/8" lg.)
16	**19752**	1	Snap Plug
17	**60554**	1	Plastic Gear Cover
18	**210183**	1	Socket Hd. Cap Screw (5/8-11 x 1-1/4 lg.; Torque to 75/125 ft. lbs.)
19	**204526**	1	Cap
20	**51317**	1	Worm Gear
21	**10496**	8	Roll Pin (5/16 x 1" lg.; see diagram below)
22	**51307-WH2**	1	Back Plate
23	**12356**	6	Washer (shakeproof #10)
24	**10908**	6	Self-tapping Screw (#10 x 1/2" lg.)
25	**10450**	4	Rd. Hd. Screw (1/4-20 x 3/8" lg.)
26	**212310**	1	Spring Retainer
27	**10049**	1	Hex Hd. Cap Screw (3/8-16 x 1" lg.)

Note: "AR" means "As Required"

Rich Parts TECHNOLOGY

ROLL PIN INSTALLATION



10496 Roll Pins (Item #21) must be installed with slot as shown.