INDEX NO.	PART NO.	DESCRIPTION	QTY
–	23160	CYLINDER ASSEMBLY, 3.8, INCLUDES INDEX NO.'S 1 THRU 35 AND INDEX NO. 44	1
–	23161	CYLINDER ASSEMBLY, 5.6, INCLUDES INDEX NO.'S 1 THRU 35 AND INDEX NO. 44	1
–	23159	SEAL KIT, COMPLETE	1
1	23155	LOWER PISTON HALF ASSEMBLY, BASE	1
–	14689	BALL, 6.35 MM	1
–	23041	RETAINER RING	1
–	23178	PROBE ASSEMBLY	1
2	22785	UPPER PISTON HALF BASE	1
3	22551	PISTON RETAINER RING BASE	1
4	22760	LOWER PISTON HALF NO. 2	1
5	22766	UPPER PISTON HALF NO. 2	1
6	22552	PISTON RETAINER RING NO. 2	1
7	22761	LOWER PISTON HALF NO. 3	1
8	22767	UPPER PISTON HALF NO. 3	1
9	22553	PISTON RETAINER RING NO. 3	1
10	22762	LOWER PISTON HALF NO. 4	1
11	22768	UPPER PISTON HALF NO. 4	1
12	22554	PISTON RETAINER RING NO. 4	1
13	22763	LOWER PISTON HALF NO. 5	1
14	22769	UPPER PISTON HALF NO. 5	1
15	22555	PISTON RETAINER RING NO. 5	1
16	22764	LOWER PISTON HALF NO. 6	1
17	22781	UPPER PISTON HALF NO. 6	1
18	22556	PISTON RETAINER RING NO. 6	1
19	22566	WIPER RETAINER RING BASE	1
20	22567	WIPER RETAINER RING NO. 2	1
21	22568	WIPER RETAINER RING NO. 3	1
22	22569	WIPER RETAINER RING NO. 4	1
23	22570	WIPER RETAINER RING NO. 5	1
24	23144	BASE TUBE ASSEMBLY 3.8	1
–	23149	BASE TUBE ASSEMBLY 5.6	1
25	23145	NO. 2 STAGE TUBE ASSEMBLY 3.8	1
–	23150	NO. 2 STAGE TUBE ASSEMBLY 5.6	1
26	23146	NO. 3 STAGE TUBE ASSEMBLY 3.8	1
–	23151	NO. 3 STAGE TUBE ASSEMBLY 5.6	1
27	23147	NO. 4 STAGE TUBE ASSEMBLY 3.8	1
–	23152	NO. 4 STAGE TUBE ASSEMBLY 5.6	1
28	23148	NO. 5 STAGE TUBE ASSEMBLY 3.8	1
–	23153	NO. 5 STAGE TUBE ASSEMBLY 5.6	1
29	22585	NO. 6 STAGE TUBE 3.8 M	1
–	22757	NO. 6 TUBE 5.6 M	1
30	22542	SCREW, M4 X 5 PHILLIPS	12
31	6807	WASHER, LOCK #10, PLTD	3
32	22731	HAND CONTROL HANGER BOLT, M5 X 6	3
33	23932	SCREW, M6 X 30MM SHCS, 3 PER PISTON	15
–	22544	SCREW, M6 X 25 SHCS, BASE PISTON ONLY	4
34	22546	RETAINER RING	1
35	2049	BALL, 11.11 MM	1
36	22584	VALVE - PRESSURE RELIEF, 1/8 NPTM, 600 kPa (87 PSI)	1
37	22718	INLET TEE, 1/8 NPTF	1
38	23249	QUICK DISCONNECT PLUG, NO. 165 MODIFIED	1
39	18412	NIPPLE, 1/8 NPTM X 2"	1
40	23250	STREET ELBOW, 1/8 NPT	1
41	23189	PISTON ALIGNMENT TOOL (OPTIONAL)	–
42	23051	PLATFORM CRADLE PACKAGE (OPTIONAL)	1
43	23170	PLATFORM ASSEMBLY	1
–	23171	PLYWOOD WITH NYLON INSERT	1
–	22574P	PLATFORM SUPPORT PLATE	1
–	23172	PLATFORM MOUNTING KIT	1
–	22578	BOLT M6 X 20 HHCS	4
–	22577	NUT, T M6	4
44	22557	PLATFORM MOUNTING PLUG	1
45	22558	BOLT, M14 X 40 HHCS	1
46	22588	EYEBOLT M8	3
47	22571	NUT, HEX M8	3
48	———	SERIAL NO. & MODEL, CALL FACTORY TO ORDER	1
49	22739	DECAL "OPERATING INSTRUCTIONS"	1
50	22740	DECAL "GENIE HOIST II" (NOT SHOWN)	1
51	22582	BASE CAP	1

For service parts information contact your local Genie distributor or call the Genie Service Parts Department at the numbers listed below.

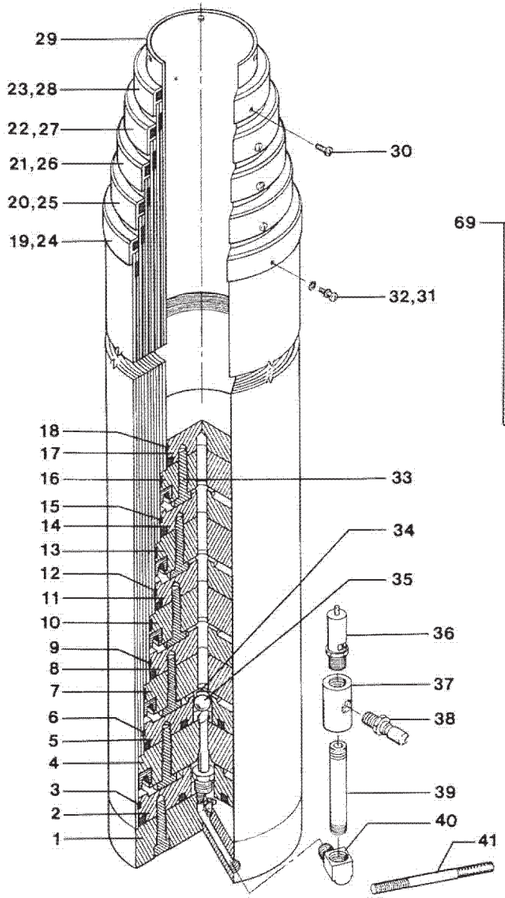
Genie Industries

USA: 18340 N.E. 76th Street • P.O. Box 69
Redmond, WA 98073-0069 • (206) 881-1800
Toll Free 800-426-8089 • Telex: 152351 • Fax (206) 885-4638

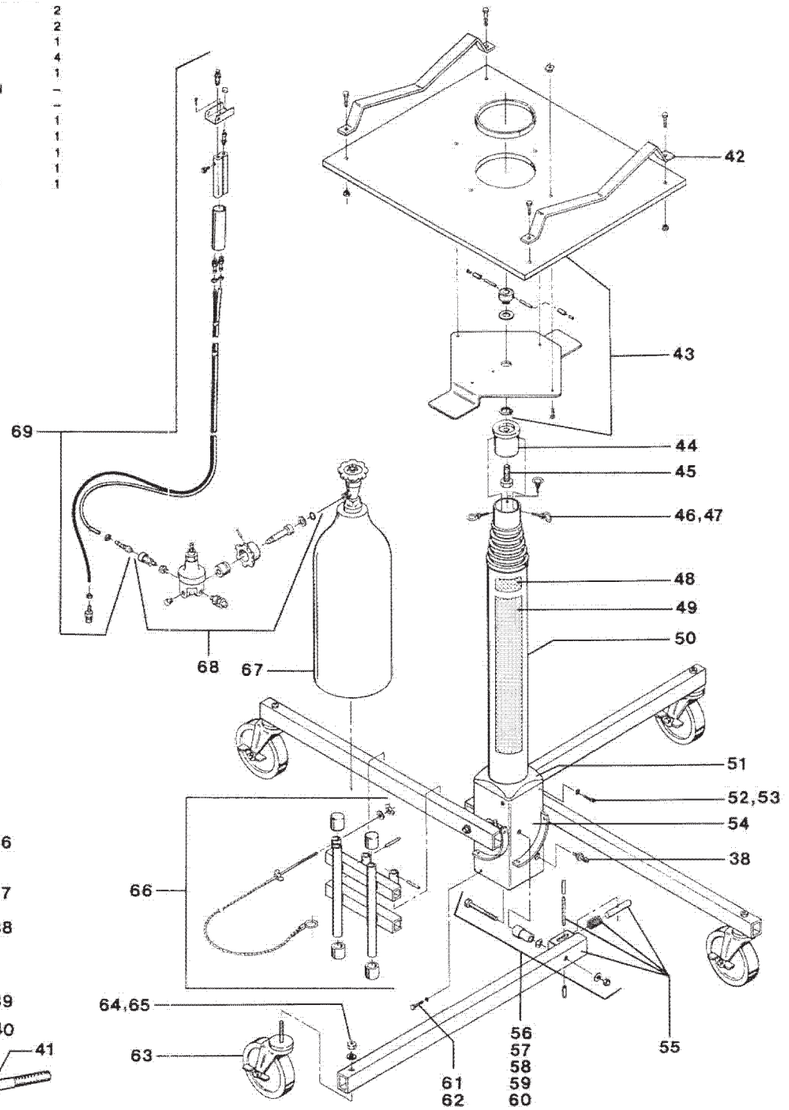
Canada: 340 Brooksbank Avenue • P.O. Box 86754
N. Vancouver, B.C. V7L-4L3 • (604) 984-4242 •

Europe: Market Place • Southwell, Nottinghamshire • England NG25 OHE
0636-813943 • Fax 0636-815270

INDEX NO.	PART NO.	DESCRIPTION	QTY
52	22583	SCREW, M5 X 12 RHMS PHILLIPS	4
53	6807	WASHER, LOCK, #10 PLTD	4
54	22581	BASE WELDMENT	1
55	23174	LEG ASSEMBLY, LESS CASTER	4
–	23175	LEG LATCH KIT	4
56	22697	BOLT, M10 X 65 HHCS	4
57	22691	LEG SPACER	4
58	22692	WASHER, WAVE SPRING 1.00 X .635 X .015	4
59	6097	WASHER, FLAT 1.00 X .375 X .08 PLTD	4
60	22736	NUT, HEX M10	4
61	22586	SCREW M8 X 20 HHCS FULL THREAD	3
62	6886	WASHER, LOCK .313	3
63	22580	CASTER, 5"	4
64	6033	WASHER, LOCK .5	4
65	23270	NUT, M12 LOW PROFILE	4
66	23176	CO2 BOTTLE BRACKET ASSEMBLY	1
–	23017	CABLE ASSEMBLY, BOTTLE MOUNT JAPAN	–
–	23277	CABLE ASSEMBLY, BOTTLE MOUNT ADJUSTABLE	–
–	22547	ROLL PIN	2
–	8170	NUT, WING 1/4 X 20 PLTD	2
–	6638	WASHER, FLAT .25 X .75 X .062	1
–	23044	PLASTIC TUBE CAP	4
67	2373	20# CO2 TANK (OPTIONAL)	1
68	23252	REGULATOR ASSEMBLY NORTH AMERICAN	–
68	23251	REGULATOR ASSEMBLY METRIC	–
–	2322	QUICK DISCONNECT SOCKET W/VALVE	1
–	2326	BUSHING, B 1/4 NPTM - 1/8 NPTF	1
–	2327	PLUG HEX HEAD 1/4 NPTM	1
–	2328	PRESSURE RELEASE VALVE	1
–	2324	CO2 CONNECTOR NUT, NORTH AMERICAN	1

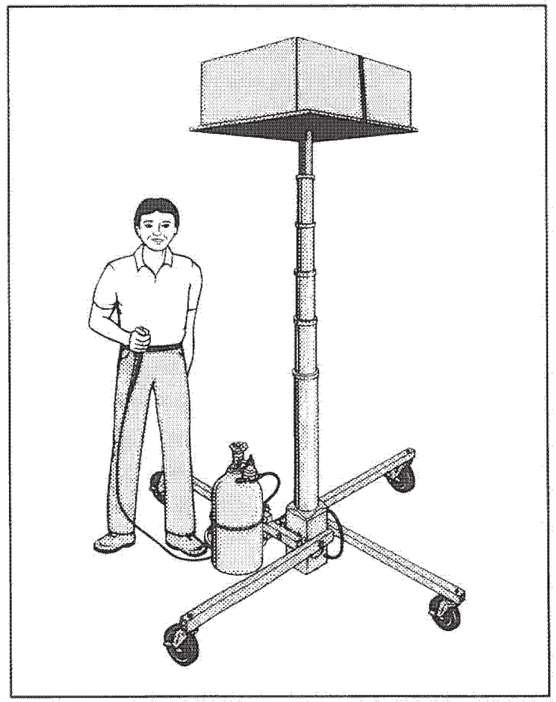


INDEX NO.	PART NO.	DESCRIPTION	QTY
–	2329	CO2 CONNECTOR NUT, METRIC	1
–	2325	HAND WRENCH CASTING	1
–	2095	10 - 32 X 1/4 SOCKET SET SCREW	1
–	2323	INLET STEM CONNECTOR, B	1
–	2371	O-RING RETAINER RING	1
–	2370	O-RING .375 X .125	1
69	22605	HOSE AND HAND CONTROL ASSY COMPLETE	1
69A	23177	HOSE ASSEMBLY WITH FITTINGS	1
69B	23173	CONTROL HANDLE ASSEMBLY COMPLETE	1
–	22592	CONTROL HANDLE - MACHINED	1
–	22597	HANDLE GRIP - RED	1
–	2336	DOWN BUTTON ASSEMBLY	1
–	22593	UP VALVE - 2 WAY PNEUMATIC	1
–	22594	ACTUATOR BUTTON - 2 WAY VALVE	1
–	22596	VALVE - MANUAL EXHAUST .125 NPTM	1
–	22598	THUMB GUARD	1
–	22599	SCREW, M4 X 12	2



Genie HOIST II

OPERATING INSTRUCTIONS AND PARTS REFERENCE GUIDE



Part No. 23158

⚠ CAUTION

UNDERSTANDING THE SAFETY RULES AND OPERATING INSTRUCTIONS IS CRITICAL TO SAFE OPERATION OF THE GENIE HOIST. MAKE SURE ALL OPERATORS READ AND UNDERSTAND ALL SAFETY AND OPERATION INFORMATION CONTAINED IN THIS DOCUMENT AND ARE INSTRUCTED BY A QUALIFIED INDIVIDUAL ON PROPER, SAFE HOIST OPERATION.

NEVER USE A GENIE HOIST THAT IS DAMAGED OR IS NOT OPERATING NORMALLY.

IF THERE IS ANYTHING YOU DO NOT UNDERSTAND, OR IF YOU HAVE QUESTIONS REGARDING HOIST OPERATION, CONTACT YOUR LOCAL GENIE DISTRIBUTOR OR CALL GENIE INDUSTRIES:

USA	CANADA	EUROPE
800-426-8089		0636-813943
or (206) 881-1800	(604) 984-4242	

SPECIFICATIONS

MODEL		GH 3.8	GH 5.6
Load capacity (load centered over column)	Metric-kg	150	150
	U.S.-lbs	350	350
Lifting height (maximum)	Metric-m	3.80	5.60
	U.S.-ft/in	12′ 5⅝″	18′ 5⅝″
Loading height	Metric-m	1.04	1.37
	U.S.-in	41	54
Platform dimensions	Metric-cm	48 x 61	48 x 61
	U.S.-in	19 x 24	19 x 24
Unit dimensions (base corner-to-corner x unit height)	Metric-cm	135 x 135 x 104	135 x 135 x 137
	U.S.-in	53 x 53 x 41	53 x 53 x 54
Dimensions for storage/ transport (l x w x h)	Metric-cm	32 x 32 x 100	41 x 41 x 133
	U.S.-in	12½ x 12½ x 39½	16 x 16 x 52½
Net weight	Metric-kg	29	31
	U.S.-lbs	64	69

*For shipping weight add 1 kg (2 lbs)

⚠ DEATH OR SERIOUS INJURY MAY RESULT IF SAFETY PRECAUTIONS ARE NOT FOLLOWED.

SET UP



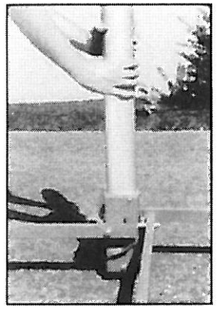
1

Stand lift upright, resting on base, release red locking pins and allow base legs to drop.

2

With all base legs dropped, grasp cylinder and lift up. Legs will lock into place. Make sure all four (4) leg locking pins are fully engaged.

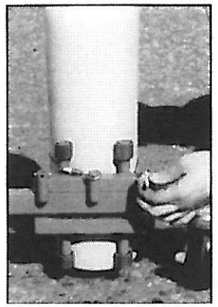
⚠ DANGER. Never operate without legs properly installed.





3

Fit platform over bolt on cylinder top. Hold platform level while hand tightening wing nut to secure platform.



4

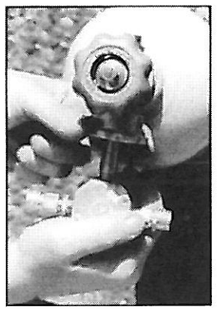
Attach CO_2 bottle mounting bracket to your bottle.

A. Set bracket against bottle.
B. Attach cable.
C. Tighten cable and leave bracket on bottle until you need to change bottles. Set bottle on one of base legs using the bottle mounting bracket.

An air compressor capable of 600 kPa (90 psi) service can be used as well.

5

Spin the regulator assembly connecting nut onto the CO_2 tank valve stem and hand tighten — it is not necessary to use a wrench.



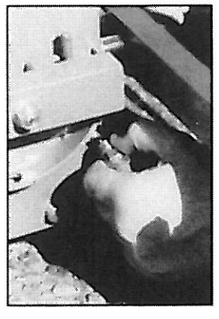


6

To connect remote hand control, insert the hose plug end into the coupling on the side of the regulator assembly.

7

Insert the hose socket coupling into the valve at the base of cylinder assembly.



⚠ CAUTION. Do not unplug the hose with any load on the platform. Use caution to protect the hose from puncture.

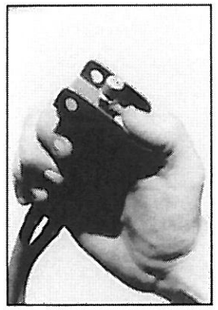
NOTE: Open CO_2 cylinder valve slowly by turning handle on top of cylinder clockwise and close after each use. Opening CO_2 cylinder too fast can damage regulator diaphragm. The regulator operating pressure is pre-set for recommended maximum loads. Use only the regulator supplied or a factory approved replacement.

OPERATING

NOTE: When new, the Genie Hoist will be stiff due to tight seals and packings. After use, the lift will smooth out and improve operating characteristics. The Genie Hoist is heavily lubricated during manufacture to assure long lasting and smooth performance. Occasionally excess oil may leak out the lower exhaust fittings during initial use. Care should be taken to prevent spillage on finished floors.

⚠ CAUTION. Before elevating a load, lock all base legs in place, engage caster wheel brakes, ensure all safety rules have been complied with, make sure all connections are tight and elevate the hoist twice (without a load) to lubricate packings and ensure that the unit is operating properly.

Make sure all loads are centered and secured. Off center load may bind up cylinder resulting in sudden movements.

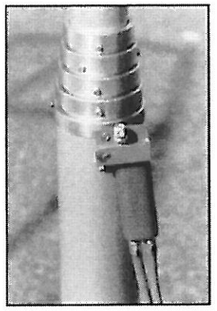


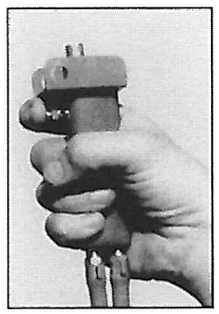
8

Lifting is controlled by pushing the UP button with your thumb. Release the UP button slightly before the load reaches the desired height. Slight depression of the UP button at intervals will position load.

9

When not in use, the handle should be hung on storage button to prevent damage.



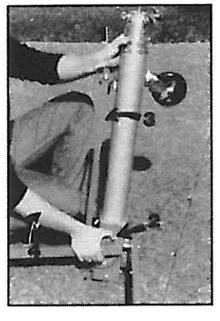


10

Lower the loaded platform by depressing the DOWN button with forefinger or by opening the manual dump valve on top of the hand control.

If there is no load on the platform, unplug the hose at the base of cylinder for quickest lowering.

TRANSPORTING OR STORING



11

Remove platform and CO_2 bottle. Grasp top of cylinder with one hand and base leg near pivot point with the other.

Push cylinder away from base leg and release leg locking pin. Tip cylinder toward base leg while swinging leg up.

Repeat until all base legs are locked in storage position and hoist is resting on base.

When not in use, store standing upright to reduce initial breakout friction and prolong life of the seals.

⚠ SAFETY

- **NOT A PERSONNEL LIFT**
  For lifting materials only. No Riders.
- **DO NOT EXCEED RATED LOAD CAPACITY — 160 kg (350 lb)**
  If side deflection occurs while lifting, lower load immediately.
- **DO NOT OPERATE ON UNEVEN SURFACE OR ON TRUCKBED**
- **LOOK UP AND AROUND**
  Do not operate within 3 m (10 ft) of any energized high voltage conductor.
- **LOCK ALL CASTER WHEELS BEFORE ELEVATING**
- **CENTER AND SECURE LOAD BEFORE LIFTING**
  Load should be guided throughout its elevation. Hoist will overtravel if load is removed while lifting.
- **STAY CLEAR**
  Do not permit anyone under an elevated load. Never lower load unless the area below the platform is clear of personnel and obstructions.
- **DO NOT LEAN LADDER AGAINST HOIST**
  Do not subject to a horizontal or side force.
- **DO NOT MOVE HOIST WITH AN ELEVATED LOAD**
- **DO NOT OPERATE THE LIFT IF ANY POTENTIALLY DEFECTIVE CONDITIONS ARE FOUND DURING THE INSPECTIONS, LISTED BELOW, OR IF DAMAGED OR OPERATING INCORRECTLY.**

MAINTENANCE

Protecting the Genie Hoist from weather, following safety precautions and performing the following simple maintenance procedures will ensure a long and productive life for your lift. Perform the following maintenance tasks **daily:**

- Inspect and tighten, if necessary, the following components:
  - Fittings
  - Hoses
  - Fasteners
  - Pins
- Inspect leg lock pins to ensure they move freely and the springs function properly.

Perform the following maintenance task **weekly**:

- Wipe cylinder stages clean and apply a lubricant.

Perform the following maintenance task **monthly:**

- Inspect, then clean or replace felt dust seals as needed.

WARRANTY

GENIE INDUSTRIES, INC. warrants this product to be free from defects in material and workmanship for one year from the date of purchase, but only such defects as result from normal use.

Seller's liability shall be limited to the repair or replacement of the defective material or workmanship at its factory or authorized service center. Buyer shall be responsible for all freight charges required for the repair. Improper use of the product, lack of normal maintenance or unauthorized alteration of the product shall render this warranty void.

Seller makes no other warranty, expressed or implied, and specifically makes no warranty as to merchantability and fitness for any particular purpose. Seller will not be liable for any consequential or special damages resulting from any use of its products.

Qualification for warranty coverage is conditioned upon return of the warranty card and upon prompt notice of the claimed defect. Seller must be given an opportunity to examine any defect before any alteration is made.

Seller reserves the right to make changes in design or add any improvements on its basic product or any accessories thereto at any time without incurring any obligation to install such improvements on any Genie Product or accessory previously purchased.

Effective September 1, 1985, this warranty supersedes all other warranties, stated or published.

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