



A TEREX BRAND

Parts Manual

Serial Number Range

Genie Hoist

from SN 0284-8130 to
0290-19110

Part No. 20942GT
Rev: A.23
October 2023

Technical Publications

Genie has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

Internet: www.genielift.com
e-mail: awp.techpub@terex.com

Find a Manual for this Model

Go to <http://www.genielift.com>

Use the links to locate Operator's, Parts, Maintenance, and Service and Repair Manuals.

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20942GT Rev A.23 October 2023
First Edition, First Printing

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 Printed on recycled paper

Genie

A TEREX BRAND

Terex South Dakota, Inc.
18340 NE 76th Street
Redmond, WA 98052 USA

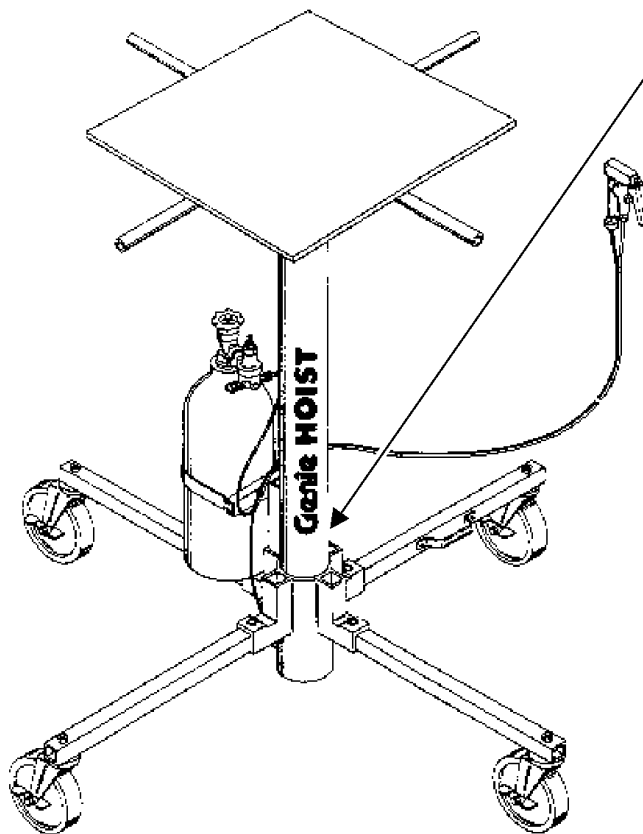
Model Name:

Position 1

Serial Number: 0285-9100

Manufacture Date: 6/5/04

Electrical Schematic: Position 3



Serial
Plate

02	85	-	9100
Model	Model year		Sequence number

Genie
A TEREX BRAND

How to Order Parts

Please be prepared with the following information when ordering replacement parts for your Terex or Genie product.

- ☒ Machine model number
- ☒ Machine serial number
- ☒ Part number
- ☒ Part description and quantity
- ☒ Purchase order number
- ☒ "Ship to" address
- ☒ Desired method of shipment
- ☒ Name and telephone number of the authorized distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Terex or Genie Industries.

Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

North America

Telephone (425)881-1800

Toll Free (800)536-1800 in US and Canada

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

<http://genielift.com/en>

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

<http://genielift.co.uk>

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

<http://genielift.com.sg/>

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

<http://genielift.com.au>

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Recommended Parts

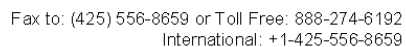
Description	Part No.
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Genie Gray Paint, 1 Gallon	32151
Genie Gray Paint, 12 Ounce Aerosol	1268

Genie also offers the following support documents:

EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31587





Date _____	Account Number _____
Your Name _____	Your Fax Number _____
_____	Your Phone Number _____
Bill To _____	Ship To _____
_____	_____
_____	_____
_____	_____
Purchase Order Number _____	Ship Via _____

Optional Equipment _____

[illegible]

☐ Ship complete order only - No back orders

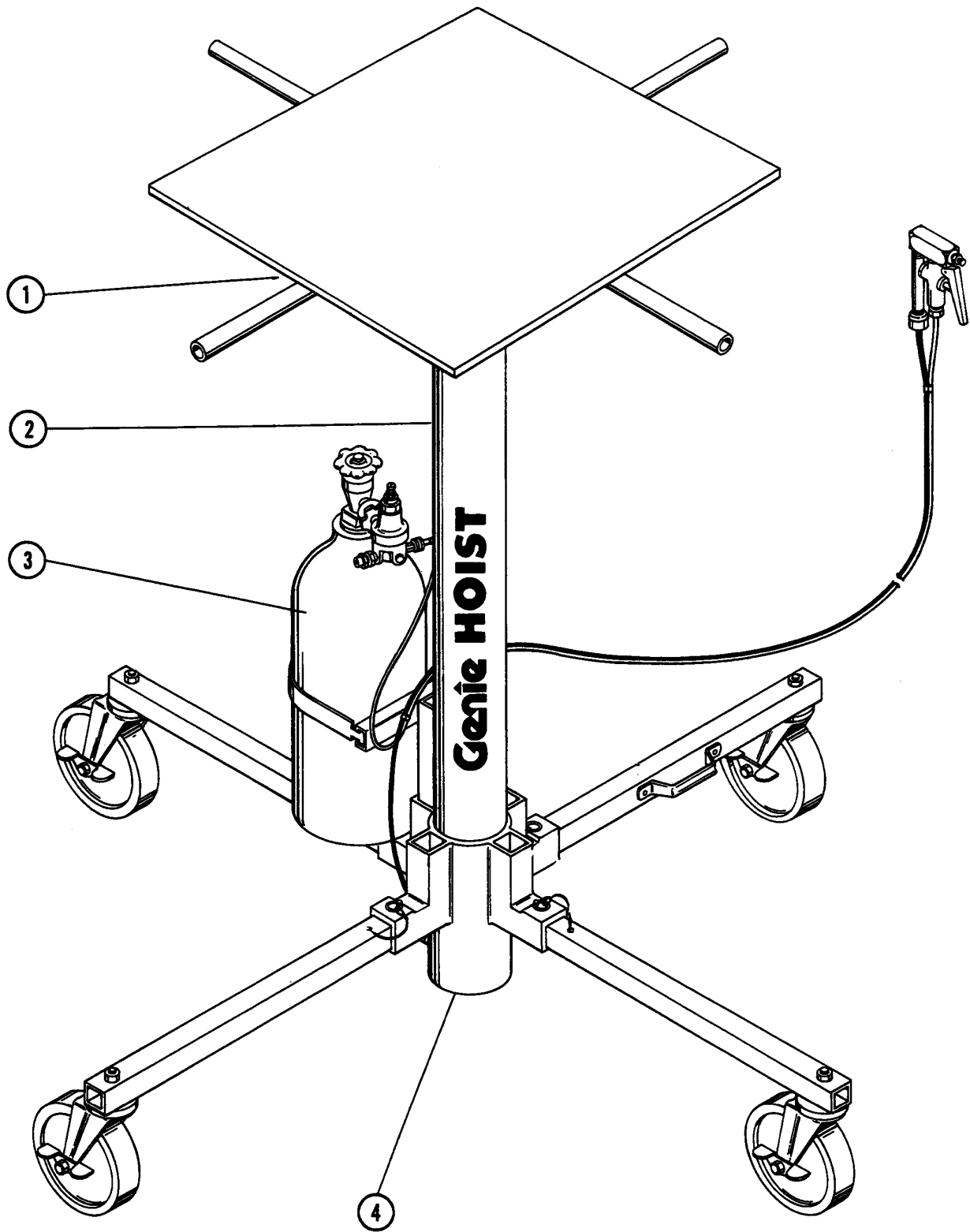
☐ Ship all available parts and contact customer on disposition of back-ordered parts

☐ Other (please specify)

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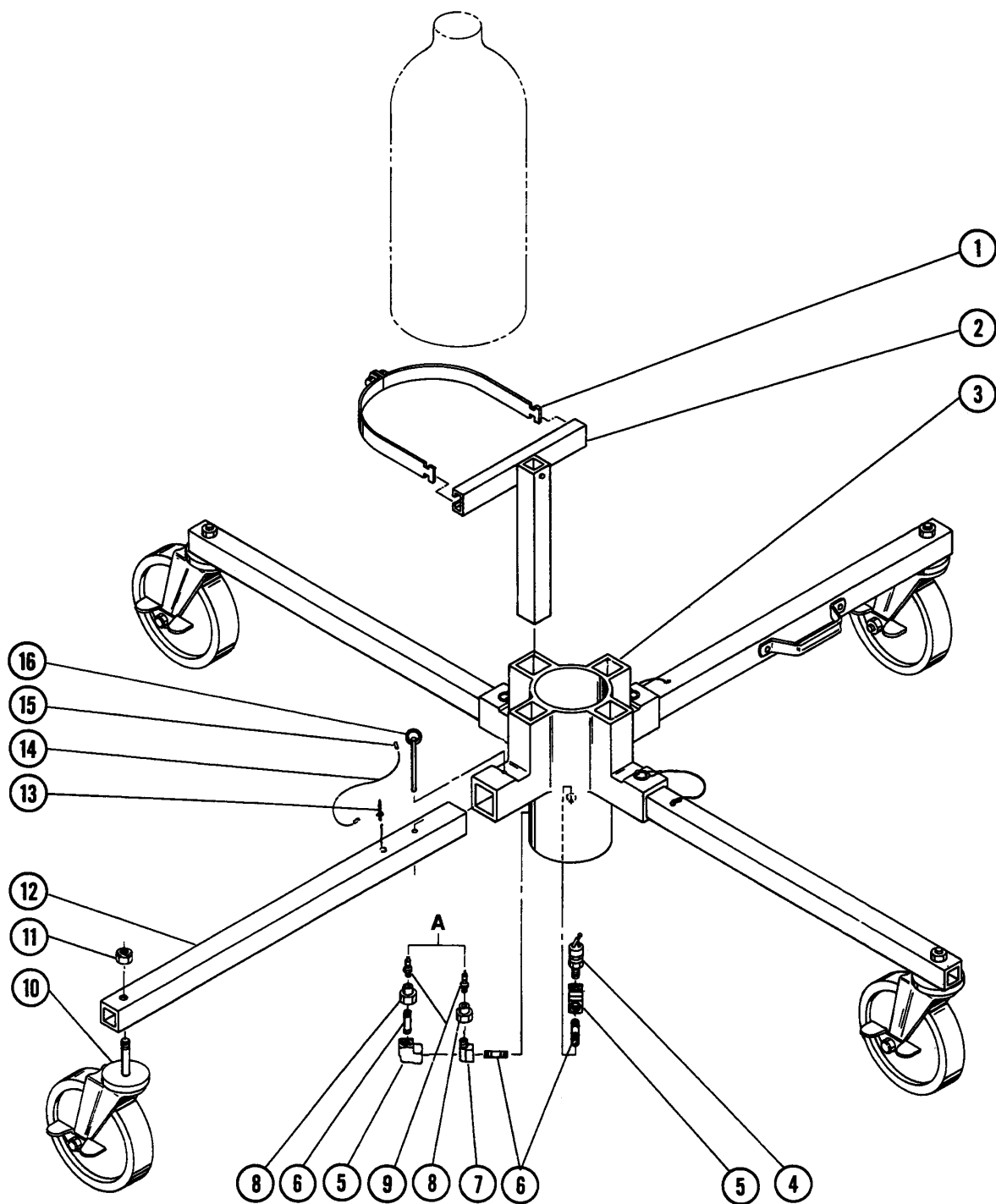


101.1 Genie Hoist



Item	Part No.	Description	Qty.
	2156GT	SEAL KIT,7 STAGE HOIST-COMP. rebuild kit for all stages in cylinder	
1		Load Platform Assembly Refer to 501.1	1
2		Cylinder Assembly Refer to 301.1	1
3		Pneumatic Power Assembly Refer to 401.1	1
4		Base Assembly Refer to 201.1	1

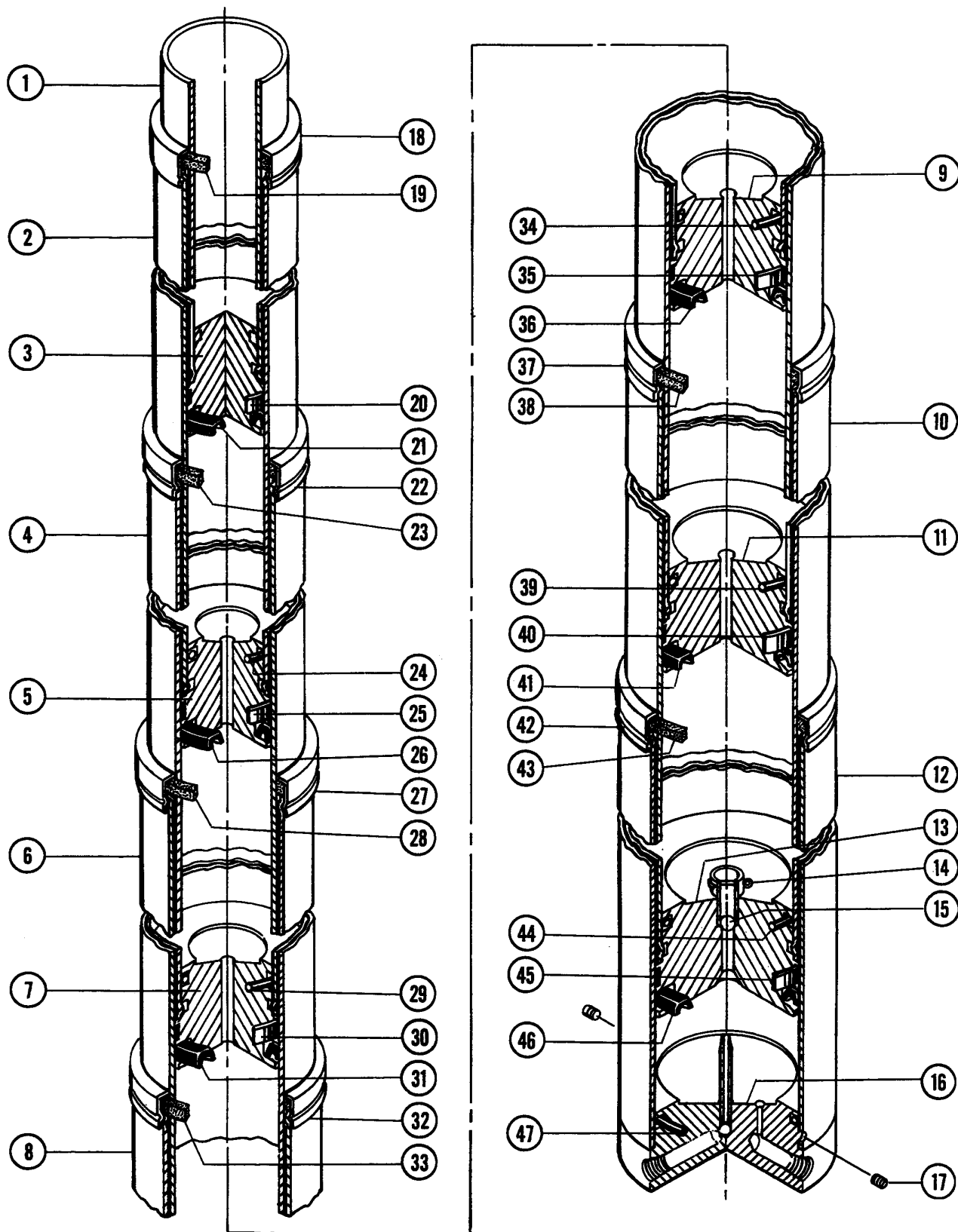
102.1 Base Assembly



102.1 Base Assembly

Item	Part No.	Description	Qty.
1	2314GT	CLAMP SET-(PAIR),10LB CO2 TANK	1
1	2313GT	CLAMP SET(PAIR)20LB CO2 TANK%%	1
1	2316GT	CLAMP SET-(PAIR),*JAPAN* CO2	1
		Japan	
2	2310GT	MOUNTING BRKT.ASSY-DOMES.CO2	1
		Domestic	
2	2181GT	CO2 TANK MT.BRKT.WELD.-(EURO)	1
		Europe	
2	2184GT	CO2 TANK MT.BRKT.WELD.-(JAPAN)	1
		Japan	
3	2221GT	BASE CASTING-TOWER/HOIST,DRILL	1
4	2211GT	VALVE,QUICK EXHAUST (HOIST)	1
5	20516GT	ELBOW,130238-4-4	2
6	20515GT	NIPPLE,1/4 MPT X 1.5",BRASS	2
7	6642GT	ELBOW,130239-4-4	1
8	2204GT	COUPLING,130138-4-2	1
9	2205GT	QUICK DISCONNECT PLUG/#185	1
10	2174GT	CASTER, POST SW W/SB 6 X 1.375	4
11	6086GT	NUT,LP NYLOCK,1/2-13	4
12	21158GT	LEG TUBE W/PIN-24"HOIST/TOWER	3
		All Legs Incl.Pt.#13-#16	
12	2229GT	LEG ASSY. 24" W/HANDLE--2012--	1
12	2454GT	LEG ASSY 24" W/HAND. 2015/2115	1
12		LEG ASSY. 24" W/HANDLE--2018--	1
		no longer available	
12	21159GT	LEG TUBE W/PIN-30"HOIST/TOWER	3
12		LEG ASSY. 30" W/HANDLE--2024--	1
		(no longer available, contact customer service)	
13	6271GT	RIVET,STL,STL.MAN,P,.25 X .25	4
14	2223GT	LANYARD ASSY HOIST/AWP-7"***	4
15	2238GT	CABLE OVAL SLEEVE, 1/16	8
16	11064GT	PIN,BALL RET.-.25 X 2.5	4

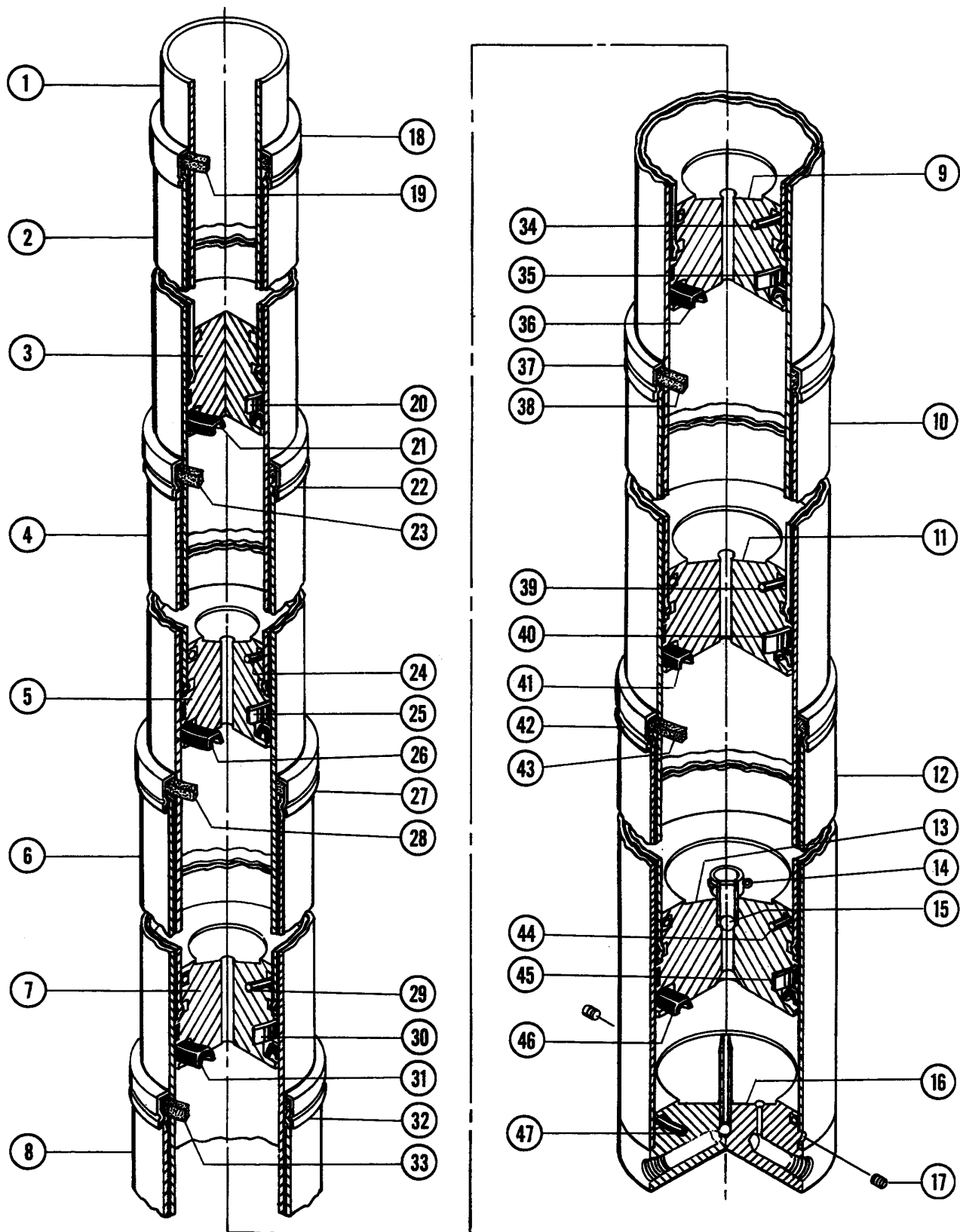
103.1 Cylinder Assembly



103.1 Cylinder Assembly

Item	Part No.	Description	Qty.
	32228GT	CYLINDER ASSY,3.8M,HOIST III	
	23159GT	SEAL KIT COMPLETE-HOIST	
		Cylinder Assy., 2015	
		no longer available	
		CYLINDER ASSEMBLY-18 FT.	
		no longer available	
		CYLINDER ASSEMBLY-24 FT.	
		no longer available	
1		TUBE,RD,ALUM,DS 2 X .058	1
		no longer available	
1		TUBE,RD,ALUM,DS 2 X .058	1
		no longer available	
1		TUBE,RD,ALUM,DS 2 X .058	1
		no longer available	
2		TUBE ASSEMBLY-2012 6TH STAGE	1
2		TUBE ASSEMBLY-2018 6TH STAGE	1
		no longer available	
2		TUBE ASSEMBLY-2024 6TH STAGE	1
		no longer available	
3	2092GT	PISTON-7TH STAGE	1
4		TUBE ASSEMBLY-2012 5TH STAGE	1
		no longer available	
4		TUBE ASSEMBLY-2018 5TH STAGE	1
		no longer available	
4		TUBE ASSEMBLY-2024 5TH STAGE	1
		no longer available	
5	2082GT	PISTON, 6TH STAGE	1
6		TUBE ASSEMBLY-2012 4TH STAGE	1
		no longer available	
6		TUBE-2015 4TH STAGE-50.375"	1
		no longer available	
6		TUBE ASSEMBLY-2018 4TH STAGE	1
		no longer available	
6		TUBE ASSEMBLY-2024 4TH STAGE	1
		no longer available	
7	2072GT	PISTON, 5TH STAGE	1
8		TUBE ASSEMBLY-2012 3RD STAGE	1
		no longer available	
8		TUBE ASSEMBLY-2015 3RD STAGE	1
		no longer available	
8		TUBE ASSEMBLY-2018 3RD STAGE	1
		no longer available	
8		TUBE ASSEMBLY-2024 3RD STAGE	1
		no longer available	
9	2062GT	PISTON 4TH STAGE	1
9	2257GT	PISTON W/PLUG-15 FT. #4	1
10		TUBE ASSEMBLY-2012 2ND STAGE	1
		no longer available	

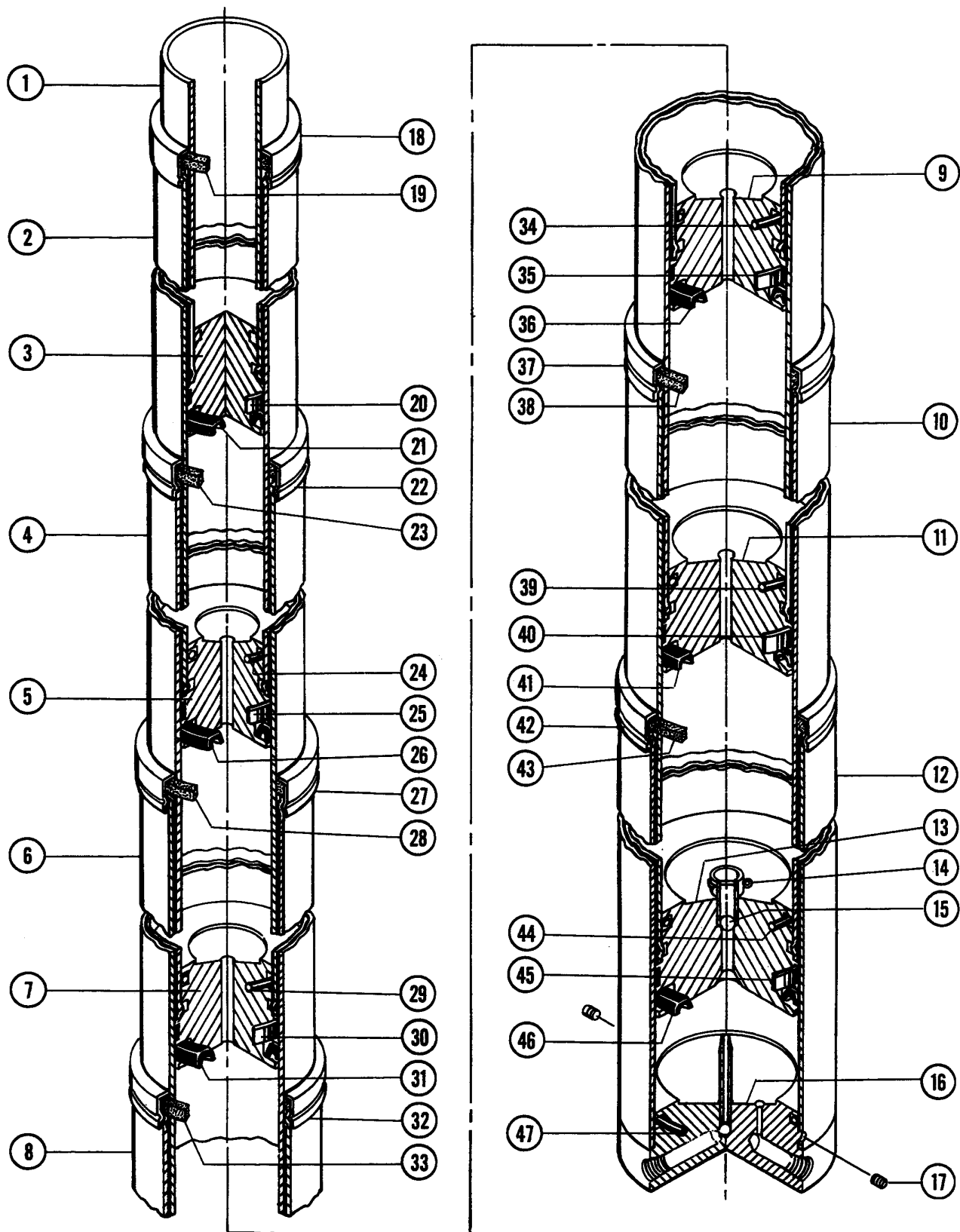
103.1 Cylinder Assembly



103.1 Cylinder Assembly

Item	Part No.	Description	Qty.
10		TUBE ASSEMBLY-2015 2ND STAGE no longer available	1
10		TUBE ASSEMBLY-2018 2ND STAGE no longer available	1
10		TUBE ASSEMBLY-2024 2ND STAGE no longer available	1
11	2052GT	PISTON, 3RD STAGE	1
12		TUBE ASSEMBLY-2012 BASE no longer available	1
12		TUBE ASSEMBLY-2015 BASE no longer available	1
12		TUBE ASSEMBLY-2018 BASE no longer available	1
12		TUBE ASSEMBLY-2024 BASE no longer available	1
13	2003GT	PISTON ASSY-2ND STAGE,GH Incl. Index #14,#15	1
14	2161GT	PIN,COTTER,.063 X 1	1
15	2049GT	7/16 / 11.11 MM BALL	1
16	2009GT	PISTON ASSY-BASE,GH	1
17	2095GT	SCREW,SET,HS 10-32 X.25	5
17	2156GT	SEAL KIT,7 STAGE HOIST-COMP. Incl. Index #18-#47	5
18	2088GT	RETAINER RING - 2 1/4"	1
19		FELT DUST SEAL / 2 1/4" no longer available	1
20	2092AGT	STRIP-#7 PISTON-6.5"	1
21	2094GT	U-CUP, #27 1.75 X .313 X .313	1
22	2078GT	RETAINER RING - 2 1/2"	1
23	2077GT	FELT DUST SEAL / 2 1/2"	1
24	2083GT	O-RING, 1.75 X .188 <2-327>	1
25	2082AGT	STRIP-#6 PISTON-7.188"	1
26	2084GT	U-CUP,#29 1.875 X .313 X .313	1
27	2068GT	RETAINER RING - 2 3/4"	1
28	2067GT	FELT DUST SEAL / 2 3/4"	1
29	2073GT	O-RING, 2 X .210 <2-329>	1
30	2072AGT	STRIP-#5 PISTON-7.688"	1
31	2074GT	U-CUP, #31, 2 X .313 X .313	1

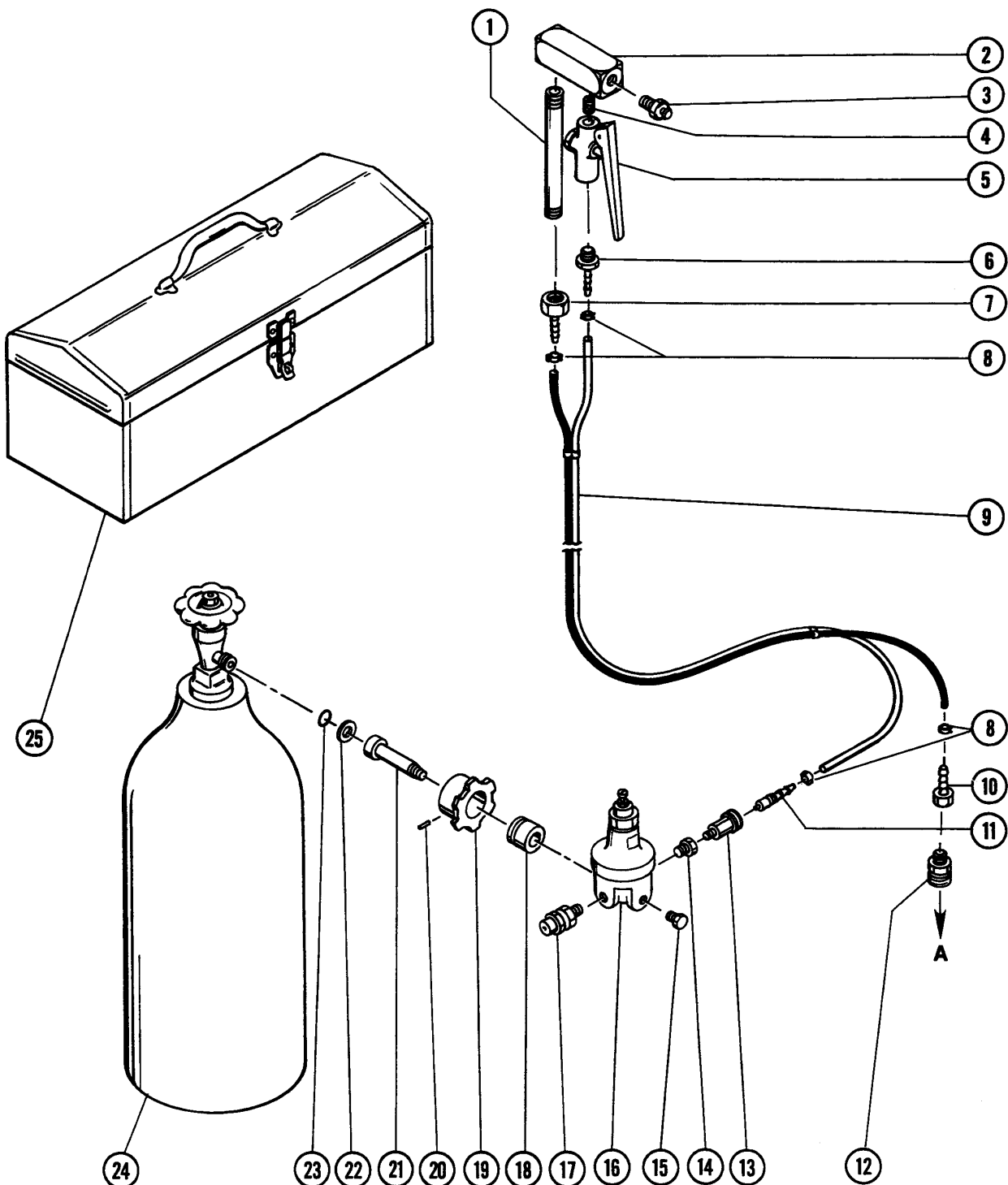
103.1 Cylinder Assembly



103.1 Cylinder Assembly

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
32	2058GT	RETAINER RING / 3"	1
33	2057GT	FELT DUST SEAL / 3"	1
34	2063GT	O-RING, 2.25 X .210 <2-331>	1
35	2062AGT	STRIP-#4 PISTON-8.5"	1
36	2064GT	U-CUP, #33, 2.25 X .313 X .313	1
37	2048GT	RETAINER RING / 3 1/4"	1
38	2047GT	FELT DUST SEAL / 3 1/4"	1
39	2053GT	O-RING, 2.5 X .210 <2-333>	1
40	2052AGT	STRIP-#3 PISTON-9.5"	1
41	2054GT	U-CUP, #35, 2.5 X .313 X .313	1
42	2038GT	RETAINER RING - 3 5/8"	1
43	2037GT	FELT DUST SEAL / 3 5/8" %%	1
44	2043GT	O-RING, 2.75 X .210 <2-335>	1
45	2042AGT	STRIP-#2 PISTON-10.063"	1
46	2044GT	U-CUP, #37, 2.625 X .375 X .375	1
47	2033GT	O-RING, 3.125 X .125 <2-235>	1

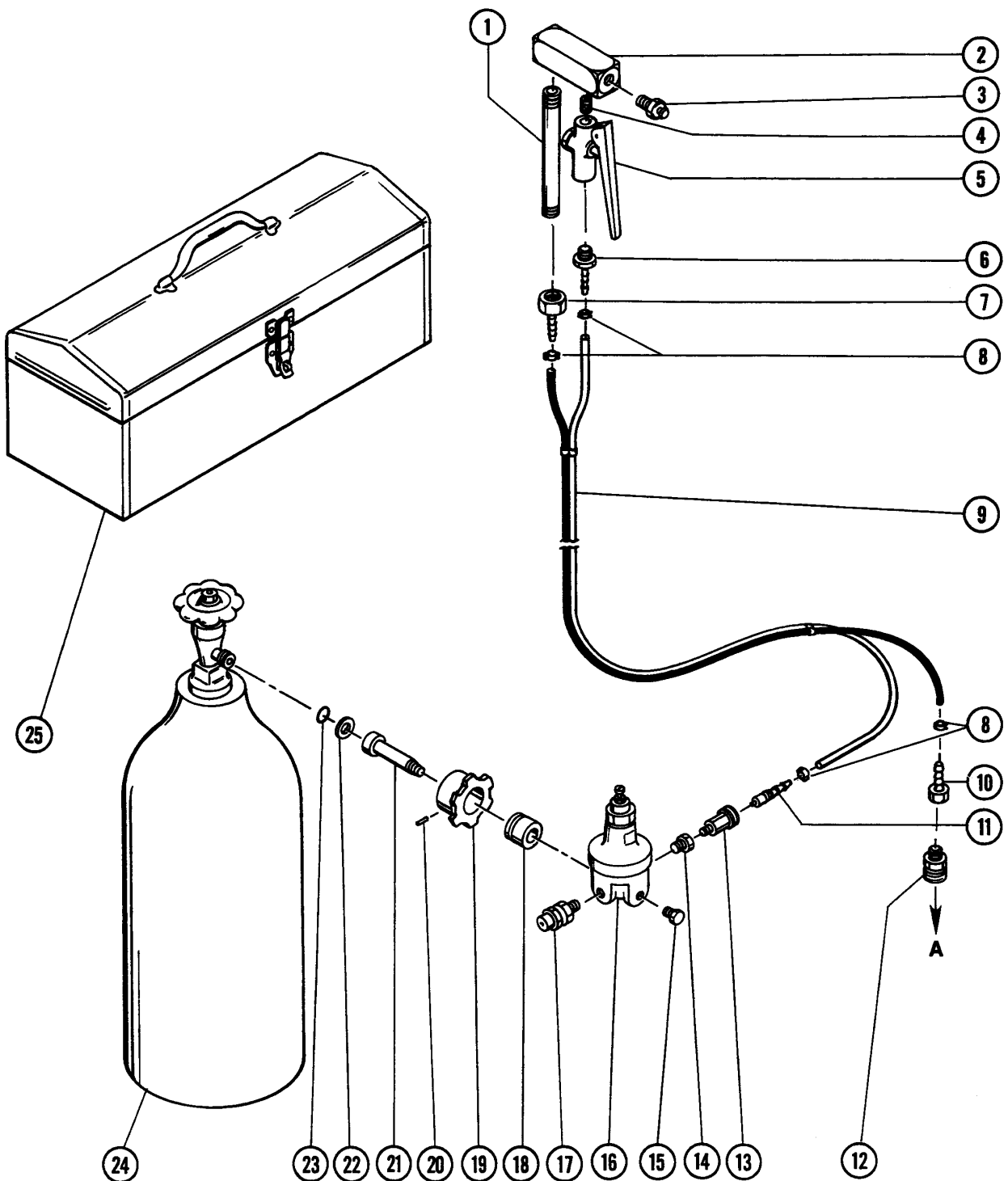
104.1 Pneumatic Power Assembly



104.1 Pneumatic Power Assembly

Item	Part No.	Description	Qty.
	2349GT	HOSE & HAND CONTROL ASSEMBLY includes items 1-11	
	2330GT	HAND CONTROL ASSEMBLY, COMPLETE includes items 1-5	1
	21101GT	CONTROL HOSE ASSY-HOIST includes items 6-11	1
1	2333GT	NIPPLE, ST, 1/4 MPT X 4 1/2	1
2	2332GT	VALVE MANIFOLD	1
3	2336GT	DOWN BUTTON ASSEMBLY	1
4	2155GT	NIPPLE, CLOSE, ST, 1/4 MPT X 1	1
5	2331GT	CONTROL VALVE, A, 1/4-1/4 FPT	1
6	42338GT	ADAPTER, 1/4NPT-M TO 3/16 BARB	1
7	2453GT	CONN, BR, SWIVEL, 1/4FPT-3/16 HB	1
8	2343GT	HOSE CRIMP, .5 O.D.	4
9	2168GT	HOSE-3/16, RUBBER, DUAL WELD-BUL	192
10	2347GT	CONNECTOR, B, 1/8 FPT 3/16 HS	1
11	2346GT	QUICK DISCON. PLUG 3/16 HS #189	1
12	2322GT	QUICK DISCONNECT SOCKET W/VALV	1
12	2320GT	REGULATOR ASSY-DOMESTIC HOIST1 Domestic; includes items 13-23	1
12	2167GT	REGULATOR ASSY-METRIC, 125 PSI Metric; includes items 13-23	1
12	2167GT	REGULATOR ASSY-METRIC, 125 PSI Japan; includes items 13-23	1
13	2322GT	QUICK DISCONNECT SOCKET W/VALV	1
13-	2341GT	QUICK DISCON. SOCKET W/O VALVE	
14	2326GT	BUSHING, 130140-4-2	1
15	2327GT	PLUG, HEX HEAD, 1/4 MPT BRASS	1
16		Pressure Regulator	1
17	2328GT	VALVE, PRESSURE RELEASE, 1/4"	1
18	2324GT	NUT, CO2 CONNECTOR, DOMESTIC Domestic	1
18	2329GT	NUT CO2 CONNECTOR, EUROPE/JAPAN Metric	1
19	2325GT	HAND WRENCH CASTING	1
20	2095GT	SCREW, SET, HS 10-32 X.25	1

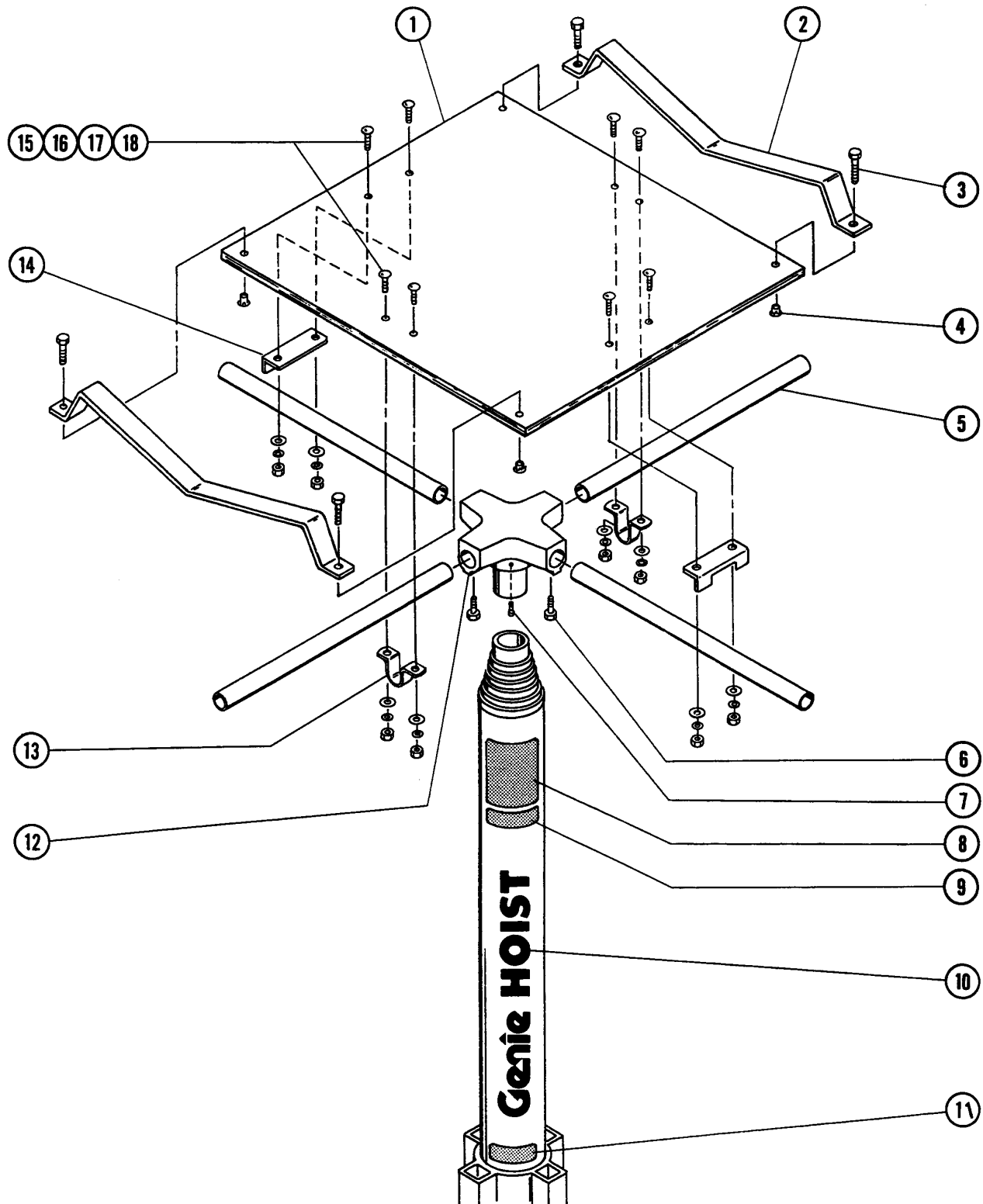
104.1 Pneumatic Power Assembly



104.1 Pneumatic Power Assembly

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
21	2323GT	CONN.,INLET STEM,B.**	1
22	2371GT	O-RING RETAINER RING	1
23	2370GT	O-RING,.375 X .125	1
24	2373-SGT	CO2 TANK W/CARTON,20LB EMPTY	1
24-	33738GT	HANDLE GUARD,CO2 TANK-LUXFER	
24-	33739GT	HANDLE GUARD,CO2TANK-CATALINA	
25	2350GT	TOOL BOX	1

105.1 Load Platform Assembly



105.1 Load Platform Assembly

Item	Part No.	Description	Qty.
1	2353GT	PLYWOOD LOAD PLATFORM-HOIST	1
1-	2352GT	M SERIES PLATFORM ASSEMBLY	
2	80598GT	PIPE CRADLE, GRAY HOIST	2
3	6888GT	SCREW,HHC,1/4-20 X 1	4
4	11652GT	NUT,WOOD,1/4-20	4
5	2351GT	PIPE-HOIST PLAT.SUPPT-18"GRIND	4
6	6175GT	SCREW,HHC,3/8-16 X 1	4
7	6066GT	SCREW,RHM,10-32 X .38	3
8	2272GT	DECAL,HOIST "NO RIDERS"	1
9	2276GT	DECAL,500 LB MAX LOAD	1
9	2275GT	DECAL,GT,GH,"350 MAX LOAD	1
10	2101GT	DECAL,GENIE HOIST	1
11	2098GT	DECAL,DOWN SPEED	1
12	2231GT	HEAD CASTING,GT/GH--DRILLED--	1
12		HEAD CASTING component no longer available	1
13	2354GT	PLAT. CLAMP / #10726-S	2
14	18870GT	UNDER TABLE BRACKET	2
15	9116GT	BOLT,CARRIAGE,1/4-20 X 1.25,G2	8
16	6638GT	WASHER, FLAT, USS, 1/4"Y	8
17	6356GT	WASHER,LOCK,.25	8
18	6357GT	NUT,HEX,1/4-20	8

Part no.	Page Number	Part no.	Page Number	Part no.	Page Number
2003GT	15	2161GT	15	2351GT	23
2009GT	15	2167GT	19	2352GT	23
2033GT	17	2168GT	19	2353GT	23
2037GT	17	2174GT	11	2354GT	23
2038GT	17	2181GT	11	2370GT	21
2042AGT	17	2184GT	11	2371GT	21
2043GT	17	2204GT	11	2373-SGT	21
2044GT	17	2205GT	11	2453GT	19
2047GT	17	2211GT	11	2454GT	11
2048GT	17	2221GT	11	6066GT	23
2049GT	15	2223GT	11	6086GT	11
2052AGT	17	2229GT	11	6175GT	23
2052GT	15	2231GT	23	6271GT	11
2053GT	17	2238GT	11	6356GT	23
2054GT	17	2257GT	13	6357GT	23
2057GT	17	2272GT	23	6638GT	23
2058GT	17	2275GT	23	6642GT	11
2062AGT	17	2276GT	23	6888GT	23
2062GT	13	2310GT	11	9116GT	23
2063GT	17	2313GT	11	11064GT	11
2064GT	17	2314GT	11	11652GT	23
2067GT	15	2316GT	11	18870GT	23
2068GT	15	2320GT	19	20515GT	11
2072AGT	15	2322GT	19	20516GT	11
2072GT	13	2323GT	21	21101GT	19
2073GT	15	2324GT	19	21158GT	11
2074GT	15	2325GT	19	21159GT	11
2077GT	15	2326GT	19	23159GT	13
2078GT	15	2327GT	19	32228GT	13
2082AGT	15	2328GT	19	33738GT	21
2082GT	13	2329GT	19	33739GT	21
2083GT	15	2330GT	19	42338GT	19
2084GT	15	2331GT	19	80598GT	23
2088GT	15	2332GT	19		
2092AGT	15	2333GT	19		
2092GT	13	2336GT	19		
2094GT	15	2341GT	19		
2095GT	15, 19	2343GT	19		
2098GT	23	2346GT	19		
2101GT	23	2347GT	19		
2155GT	19	2349GT	19		
2156GT	9, 15	2350GT	21		

California Proposition 65



WARNING

Operating, servicing and maintaining this equipment, passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel.

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