



50/60/70 and X-Model Series Rim Clamp® Tire Changers

For servicing single piece automotive
and most tubeless light truck tire/wheel
assemblies.

Any other type, including tube type and agricultural, require
special handling. Tires identified as truck tires need to
adhere to OSHA standard 1910.177.



* 7665 Shown

Parts Identification

READ these instructions before placing unit in
service. KEEP these and other materials delivered
with the unit in a binder near the machine for ease
of reference by supervisors and operators.

HENNESSY INDUSTRIES, INC.

1601 J. P. Hennessy Drive, LaVergne, TN USA 37086-3565 615/641-7533 800/688/6359 www.ammcoats.com
HENNESSY INDUSTRIES INC. Manufacturer of AMMCO®, COATS® and BADA® Automotive Service Equipment and Tools.

Manual Part No.: 85607317 00
Revision: 12/11

Parts Identification

The following pages include parts breakdowns with exploded view illustrations to help with ordering replacement or spare kits. Assemblies are noted where it is recommended that individual parts not be ordered separately. Note that the parts view illustrations are for multiple models and not all parts shown are on all models. Every effort is made to supply accurate exploded views, however, due to interim changes in manufacturing operations, some units may not be exactly as illustrated.

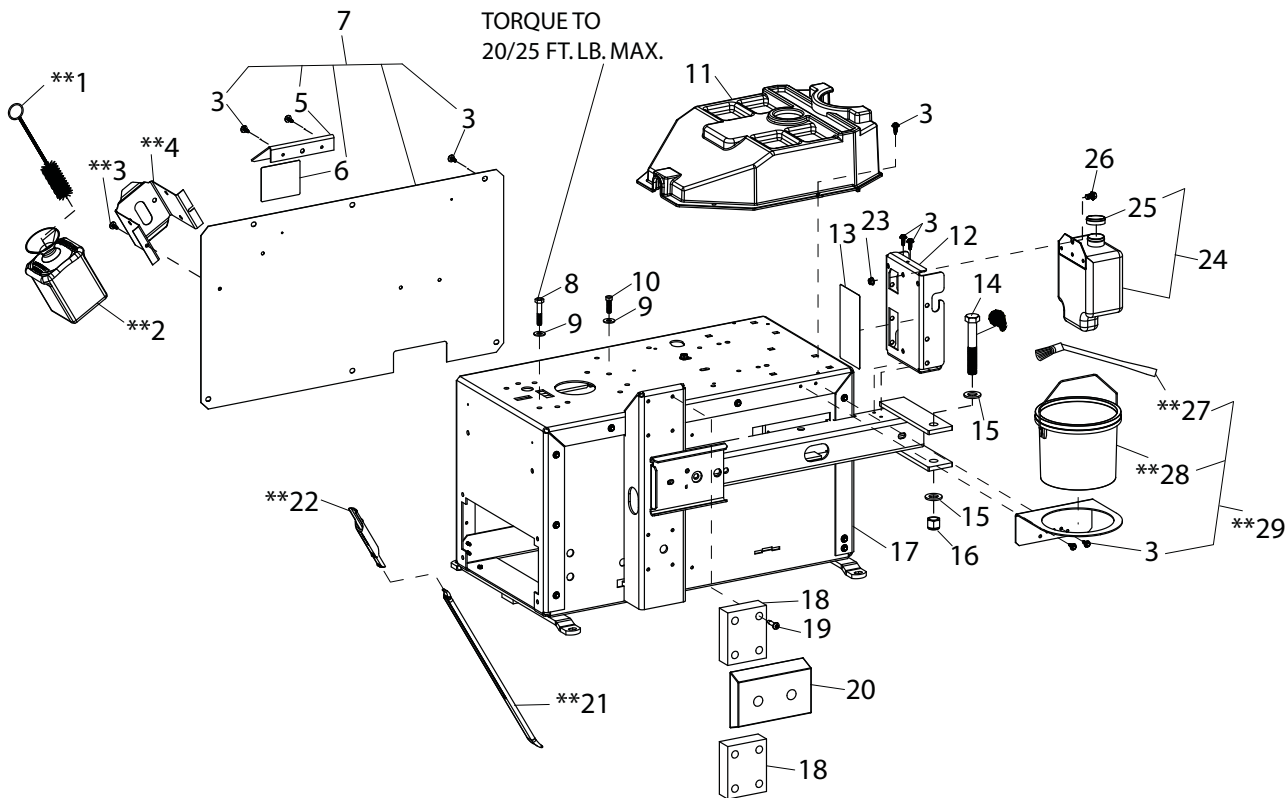
Table of Contents

Chassis System.....	4
BL Arm Assembly	5
Inflation Bracket and Tower Assembly.....	6 - 7
Swing Arm Assembly	8 - 9
Foot Pedal Assemblies	10 - 13
Electric Model Foot Pedal Assembly	10 - 11
Air Model Foot Pedal Assembly.....	12 - 13
Table Top and Shaft Housing Assembly ..	14 - 15
Robo Arm Assembly	16
Inflation Guard Assembly - 6065, 7665.....	17
Valve Assemblies	18
Cylinder Assemblies	19
Leverless Bead Lifter	20
Electric Schematic	22
Pneumatic Diagrams	23

Chassis System

Item	Part No.	Description	Item	Part No.	Description
**1	8000491	Lube Applicator	16	8182016	3/4-10/E23 Nylon Hex Nut
**2	8106259	Lube Bottle (Red)	17	8182041	Chassis
**3	8106301	1/4" Hex Hd Self Tap Screw, Gr.5	18	8181851	B.L. Pad, Front
**4	8182809	Lube Bottle Bracket	19	8182088	5/16-18 x 1-1/4 TPHST Screw, Gr.5
5	8182811	Inflation Pedal Cover	20	8181855	B.L. Center Pad
6	8181285	Inflation Pedal Decal	**21	8181354	Bead Lifting Tool (Not Standard On Leverless Unit)
7	85607585	Metal Side Panel	**22	85000783	Lift Tool Bootie Kit, Pkg of 10
8	8182040	M10-1.5 x 55MM Hex Hd.Cap Scr, Gr.8.8	23	924724	312-18 Hex Flange Nut
9	8301032	3/8 Flat Washer, Zinc Plate	24	8185629	Tank Reservoir w/Cap
10	8107715	3/8-16 x 1-1/4 Hex Hd. Cap Scr, Gr.5	25	81856301	Tank Reservoir Cap
11	8181964	Plastic Accessory Tray	26	8183452	5/16-18x5/8 HWHCS Screw
12	8183770	Lubricator Bracket	**27	85000850	Tire Paste Brush
13	8183778	Lubrication Notice Decal	**28	8183710	Universal Mounting Paste
14	8182579	3/4-10 x 4-3/4 Hex Hd Cap Scr, Gr.5	**29	85009048	Lube Bucket Bracket & Brush Kit
15	8182457	3/4 SAE Flat Washer			

**Accessory Item



 APPLY GREASE TO THESE LOCATIONS

BL Arm Assembly

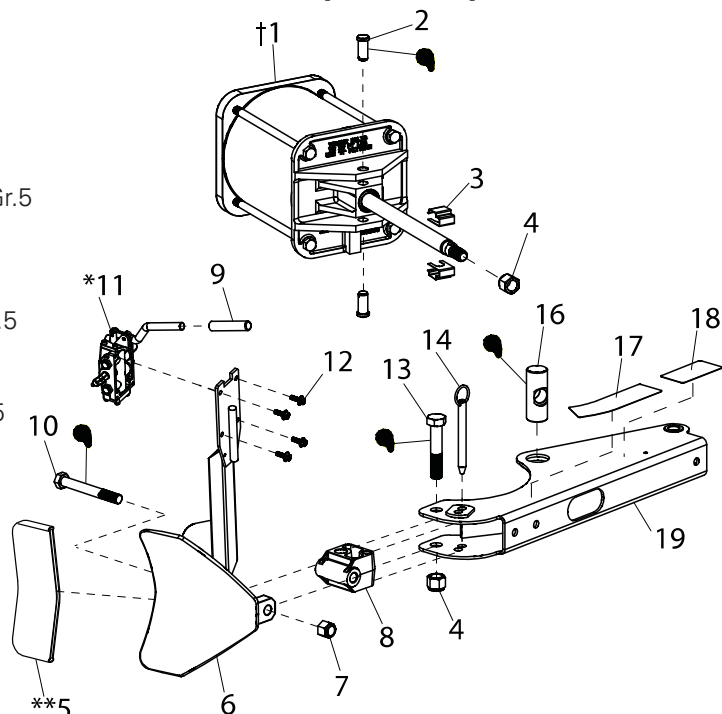
Item	Part No.	Description
†1	8183312	B.L. Cylinder, 3/8" Fitting (Foot Operated)
	81833123	B.L. Cylinder, 1/4" Fitting (Hand Operated)
2	8181949	5/8 x 1-3/8 Clevis Pin
3	8181912	Clevis Clip
4	8182016	3/4"-10 Nylon Insert Lock Nut, Gr.5
**5	8183606	Shoe Bootie Kit, Pkg of 2
6	8181953	B.L. Shoe, Handle & Pivot W/C
	85009199	B.L. Shoe, w/handle
7	8182043	5/8-11 Nylon Insert Lock Nut Gr.5
8	8181951	B.L. Shoe Pivot Bracket
9	7000230	1/2" Rubber Hand Grip
10	8182011	5/8-11 x 5" Hex Hd Cap Scr, Gr.5
*11	8185755	B.L. Arm Valve Assembly
12	8143168	1/4-20 x 3/4" HHCS, Whiz Lock
13	8182009	3/4-10 x 3 3/4" HHCS
14	8120326	ø1/2" Hitch Pin
15	8180230	B.L. Spring
16	8182550	Pivot Pin, B.L. Cylinder Rod (Foot Operated)
	85607837	Pivot Pin, B.L. Cylinder Rod (Hand Operated)
17	8181970	Bead Loosener Caution Decal
18	8182768	Bead Loosener Caution Decal
19	8182002	B.L. Arm

†Cylinder Assemblies

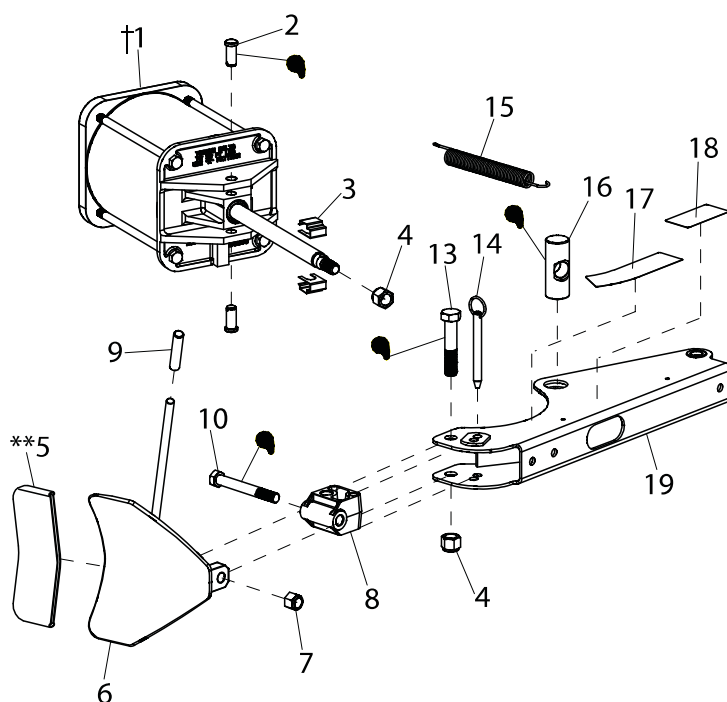
*Valve Assemblies

**Accessory Item

BL Arm Assembly (Hand Operated)

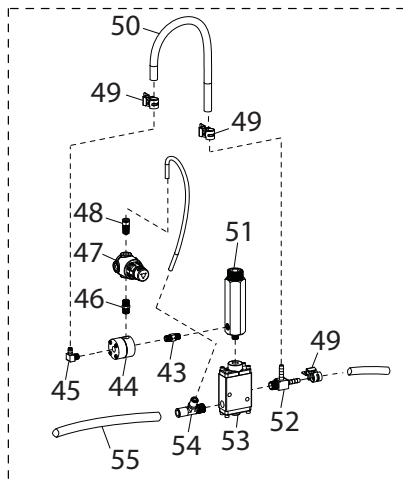
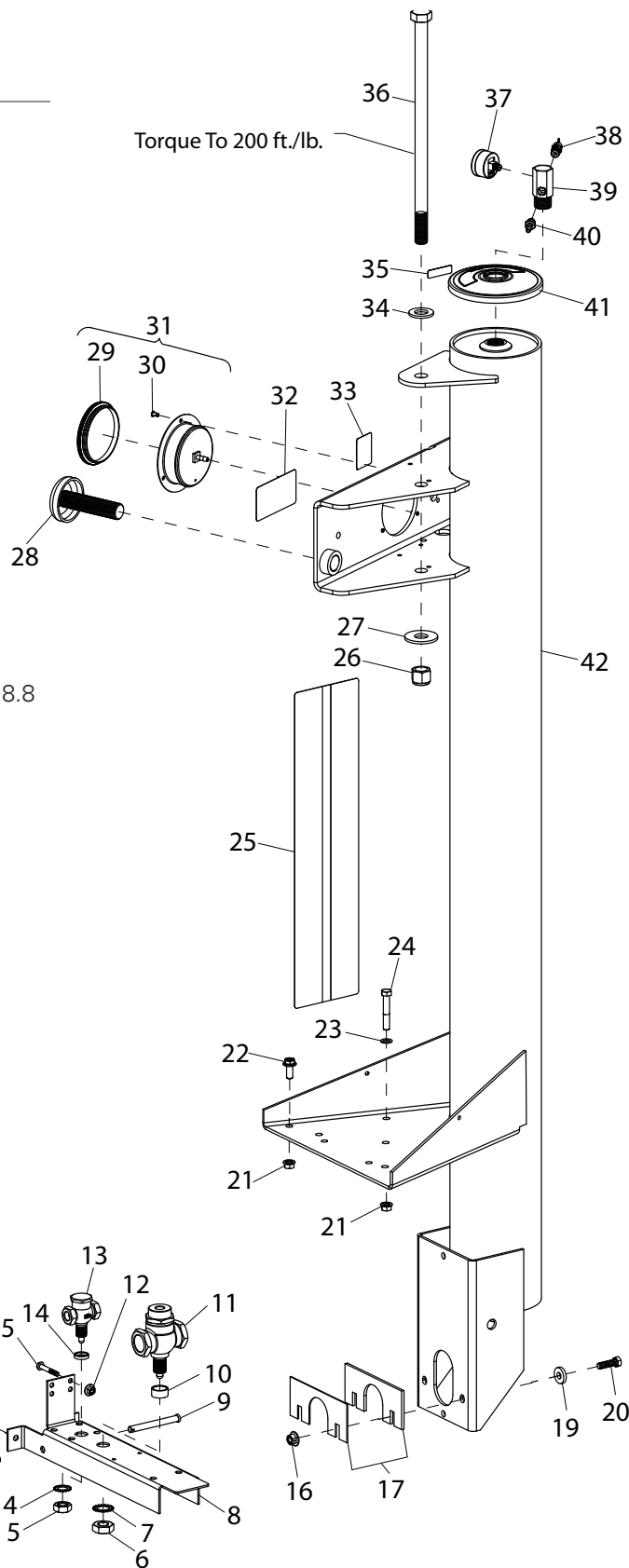


BL Arm Assembly (Foot Operated)

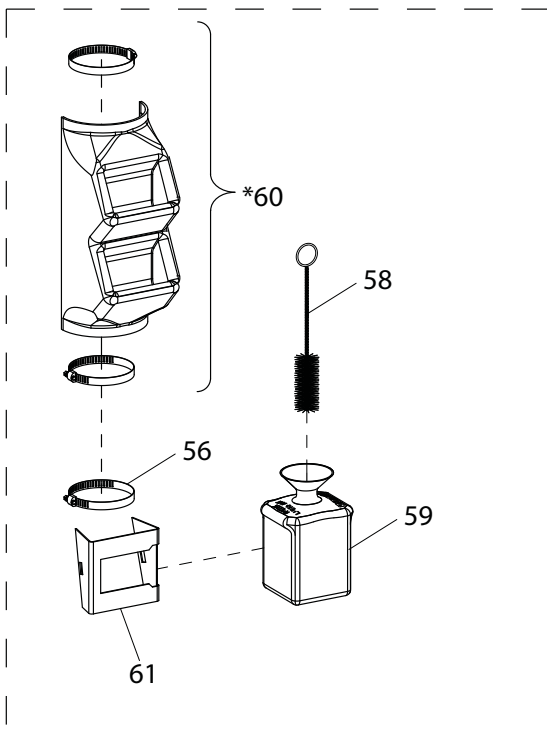
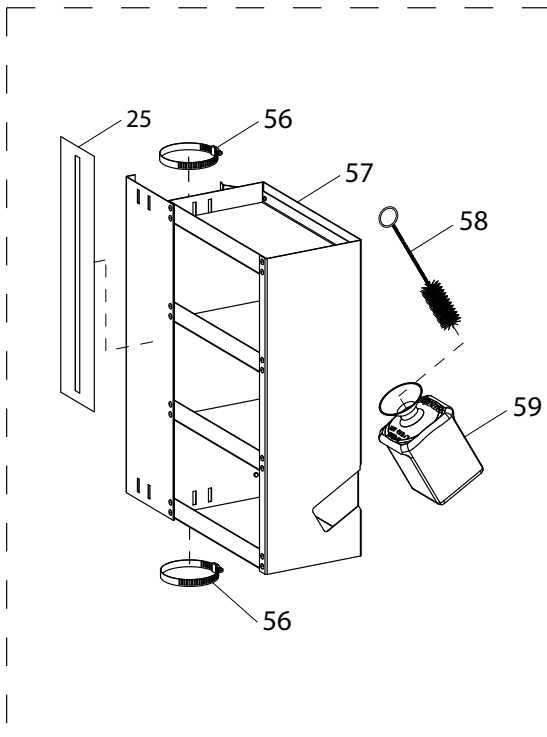


Inflation Bracket and Tower Assembly

Item	Part No.	Description
1	8181933	Pedal Inflation
2	8102459	3/8" Self Tap Screw Gr.5
3	8107407	Hitch Pin Retainer
4	8104613	5/8" Ext. Tooth Lock Washer
5	8104611	5/8" N.F. Jam Nut Gr.5
6	8104610	3/4" N.F. Jam Nut Gr.5
7	8104612	3/4" Ext. Tooth Lock Washer
8	8181932	Inflation Brkt.
9	8180103	3/8 x 3-1/4 Clevis Pin
10	8104674	Bushing (3/4" Valve)
11	8106298	3/4" Valve Ported 1/4"-18 NPT
12	8143169	1/4-20 Whiz Lock Nut, Gr.5
13	8104600	1/4" Valve Comp.
14	8104673	Bushing (1/4" Valve)
15	8120408	1/4-20 x 1-3/4 H.H. Cap Scr., Gr.5
16	8120424	3/8"-16 Wash Hd. Lock Nut Gr.5
17	8182076	Shim Kit
18	85000816	Pressure Limiter
	85009136	**Pressure Limiter
19	8000240	Washer 1" OD x 13/32 ID x 3/16"
20	8107715	3/8-16 x 1-1/4 Hex Hd. Cap Scr, Gr.8.8
21	8106303	3/8" Whiz Lock Nut, Gr.5
22	8106302	3/8" Whiz Lock Screw, Gr.5



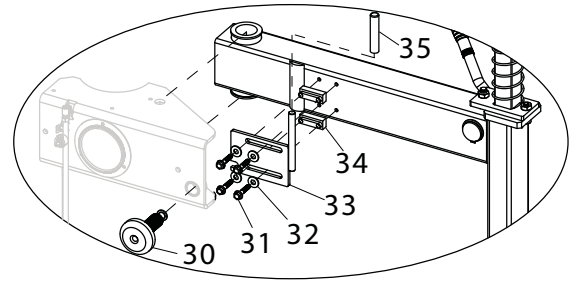
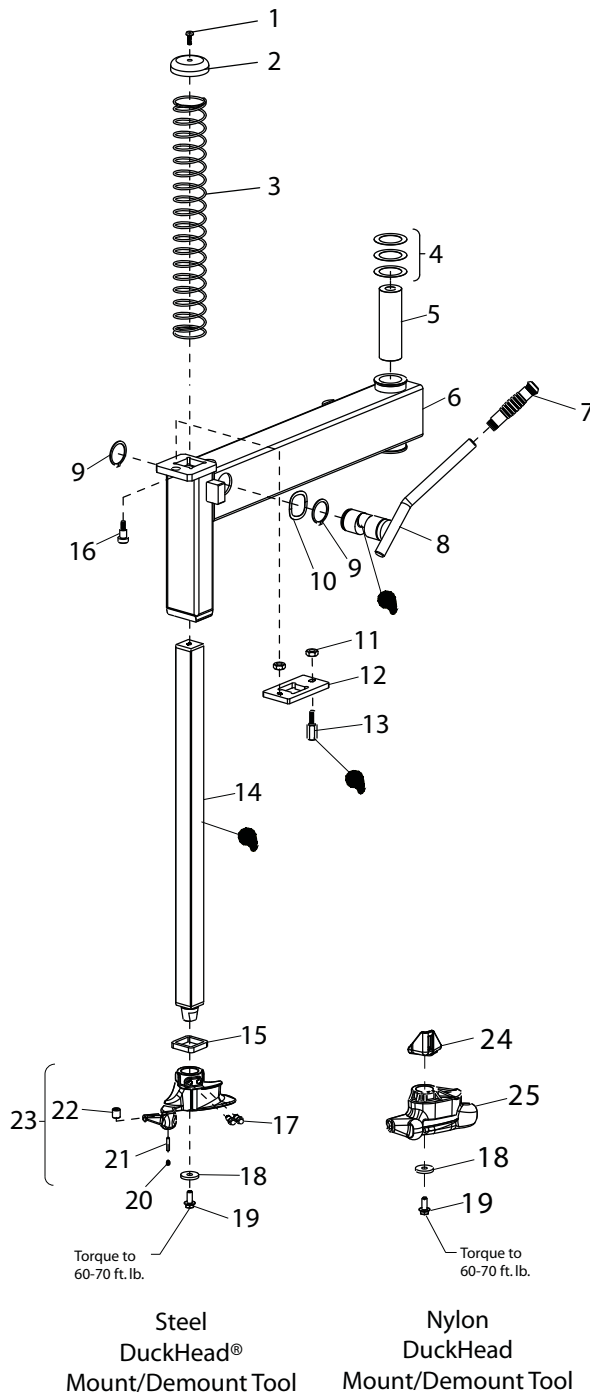
18 Pressure Limiter Assembly



Item	Part No.	Description
23	8101018	0.392 x 0.687 x 0.0478 Washer
24	8181137	3/8-16 x 2-1/4 Hex Hd.Cap Scr, Gr.5
25	8182373	Warning Decal
26	8182016	3/4"-10 Nylon Insert Lock Nut, Gr.5
27	8100994	3/4 Flat Washer
28	8181114	Adjusting Knob Assy
	85607820	Adjusting Lock Knob (Leverless)
29	8107517	Gauge Lens, Screw On
30	8107983	Plastic Fastener
31	8107985	Flanged Air Gauge w/Fasteners
32	8109888	Inflation Warning Decal
33	8109769	Release Valve Decal
34	8182457	3/4" SAE Washer
35	8182059	Line Press Gauge Decal
36	8183635	3/4-10 x 14-1/2" Hex Hd. Cap Scr, Gr.5
37	8108968	Air Gauge
38	8182599	Safety Valve
39	8183434	Manifold/Gauge
40	8000378	1/4" Brass St. Fitting
41	8182458	Plastic Cap (Tower)
42	8183622	Tower/Air Receiver
	8183764	Tower/Air Receiver (7665)
43	8109471	1/8" Brass Hex Nipple
44	8109468	Pressure Repeater
45	8110497	Male Elbow 1/8 NPT x 1/4 Hose
46	8109472	1/8" Inline Filter
47	8111083	Regulator
48	8182035	1/8 NPT x 1/4 Tube Male St. Fit.
49	85606362	13mm Spring Hose Clamp
50	8103649	ø1/4 x 12" Hose
51	8110496	Volumn Chamber
52	8110325	1/4" NPT Male Run Tee
25	8109466	Piloted Valve
54	8111255	1/4 NPT x 3/8 x 1/4 Spl Tee
55	8184459	3/8 x 25" Black Rubber Hose
56	8182221	6" Hose Clamp
57	8183509	Accessory Box Assembly
58	8000491	Lube Applicator
59	8106259	Lube Bottle (Red)
60	8181554	Accessory Tray Kit
61	8182167	Lube Bottle Brkt-Red
	8182809	Lube Bottle Brkt-Red

Swing Arm Assembly

Item	Part No.	Description	Item	Part No.	Description
1	8183151	5/16-18 x 0.75 SBHCS, Gr.8	24	8184271	Receiver Bracket
2	8181771	Vertical Slide Knob	25	8183061	Duckhead Mount/Demount Tool Kit (Nylon)
3	8182028	Vertical Slide Spring	26	85009175	Roller Mount
	83031235	Vertical Slide Spring (Leverless)	27	85009932	Bead Roller
4	8182339	Swing Arm Shim Kit	28	8184432	Duckhead Mount/Demount Tool Kit (Grey)
5	8181038	Swing Arm Pivot Pin	29	8183055	3/8-16 x 0.750 SBHCS Screw
6	8182820-2	Swing Arm, for R.H. Cam Lock	30	85607820	Adjusting Lock Knob
	8182820-3	Swing Arm, Locking (Leverless)	31	85000317	5/16-18 x 1-1/2 HSWHCS Screw, Zinc
7	8100979	Handle Grip, Black Flex 3/4 I.D.	32	8107635	5/16" Plain Washer
8	8183673	Lock Handle/Lift Cam W/C, R.H.	33	85607814	Lock Assembly
9	8181095	1-5/8 Snap Ring	34	85607816	Lock Block
10	8182371	1-5/8 Dia. Wave Washer	35	7000230	1/2 x 3 Handle Grip
11	8181113	1/2"-13 Jam Nut, Gr. 5			
12	85606343	Lock Plate			
13	8181035	Lock Plate Lift Pin			
14	8182812	Vertical Slide Shaft			
15	8182031	Rubber Bumper			
16	85606344	1/2 x 5/8 Shoulder Screw			
17	8182813	3/8-16 x 3/4" Ctr Bore Cap Scr, Gr.8			
18	8182027	7 ga. x .406 ID x 1.28 OD Washer			
19	8106302	3/8" Whiz Lock Screw, Gr.5			
20	8140667	1/4-20 x 1/4 Soc.Hd.Set Scr, Gr.8			
21	8182786	5MM x 25MM Dowel Pin			
22	8182787	0.562 Diameter x 0.515 LG. Roller			
23	8182788	Duckhead® Mount/Demount Tool Kit (Metal)			



Swing Arm Locking Mechanism
(Leverless Unit)

● APPLY GREASE TO THESE LOCATIONS

Foot Pedal Assemblies

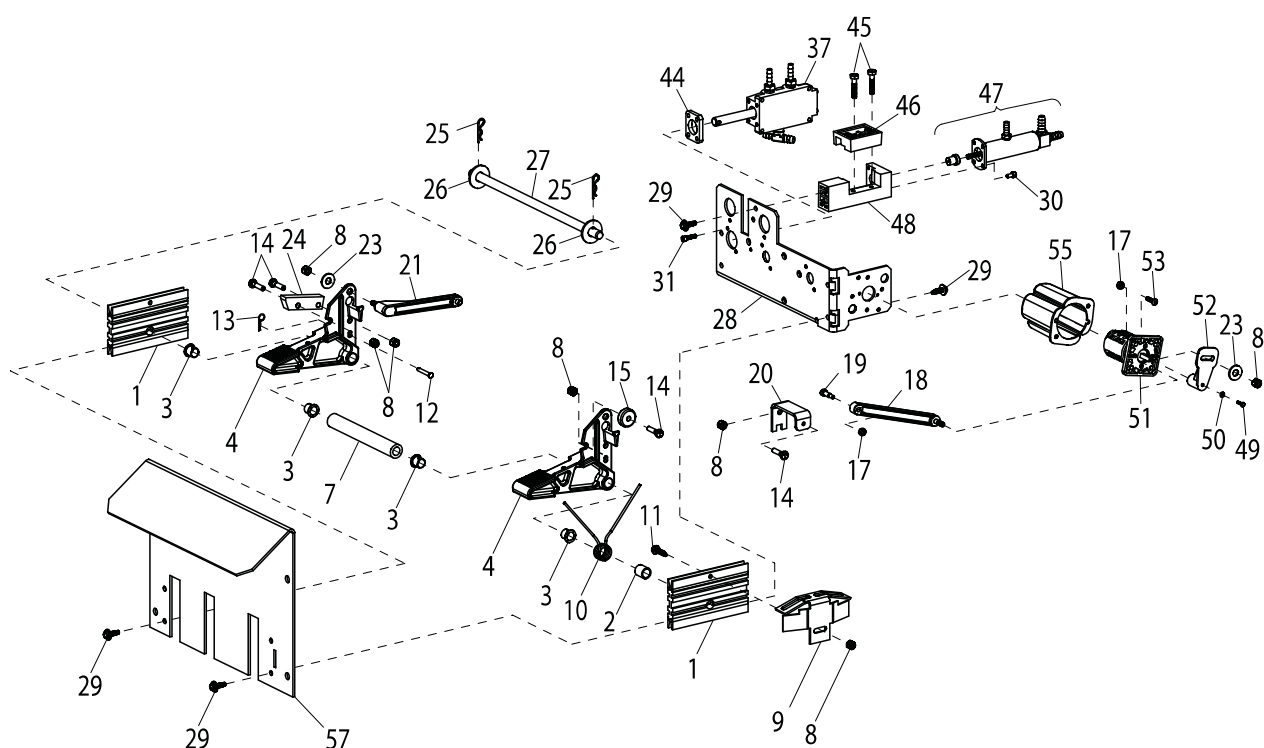
Electric Model Foot Pedal Assembly

Item	Part No.	Description	Item	Part No.	Description
1	8181918	Bar-Valve Brkt. Spacer	31	8182001	10-24 x 3/4 SHCS
2	8181872	Torsion Spring Sleeve	37	85600262	Valve Assembly
3	8181948	1/2" Nylinder Bearing	38	8182588	Valve Assembly
4	8181675	Standard Pedal	44	85009982	Spacer-Valve, Clamp, TT
5	8182327	Pedal Spacer	45	8120321	1/4-20 x 1.25 HHCS Gr.5
6	8181911	Pedal Spacer	46	85009984	Block-Upper Stop Pedal Assembly
7	8182358	Pedal Spacer	47	8184675	Oil Injector Assembly
8	8181369	1/4-20 Lock Nut, Nyl. Ins. Gr.5	48	85009983	Block-Lower Stop Pedal
9	8182670	Spring Stop Bracket	49	8181982	3MM x 12mm HHCS Gr.5
10	8181707	Torsion Spring	50	8301072	#6 Internal Tooth Lk Washer
11	8104945	1/4 x 1 HWHSTC, Gr.5	51	8184389	Switch-Reversing (switch only)
12	8181977	3/16" x 1-1/2" Clevis Pin	52	8181728	Lever - Switch Actuator
13	8120469	Hair Pin Cotter	53	8181983	10-24 x 5/8 BHSCS, Gr.8
14	8181984	1/4-20 x 1" Hx.Hd.Cp.Scr., Gr.5	55	8181959	Cover-Switch
15	8181923	Stop Washer	56	8181587	Circuit Breaker - 15 Amp, 110V
17	8182682	10-24 Nylon Insert Lock Nut Gr.5	57	8182332	Guard-Foot Pedal
18	8181699	Lever Assembly - Switch			
19	8182743	10-24 x 3/8 SHCSS Gr.8			
20	8182363	Spacer - Sw Pedal Lever-Red			
21	85010038	Cam Lever Follower			
23	8107635	5/16" Flat Washer			
24	85606355	Stop-Pedal			
25	8111609	Hair Pin Cotter			
26	8301121	Washer			
27	8183398	Pedal Shaft			
28	85009985	Valve Mounting Bracket			
29	8106301	1/4" Hex Hd Self Tap Screw, Gr.5			
30	8181989	10-24 x 3/8 SHCS, Gr.8			

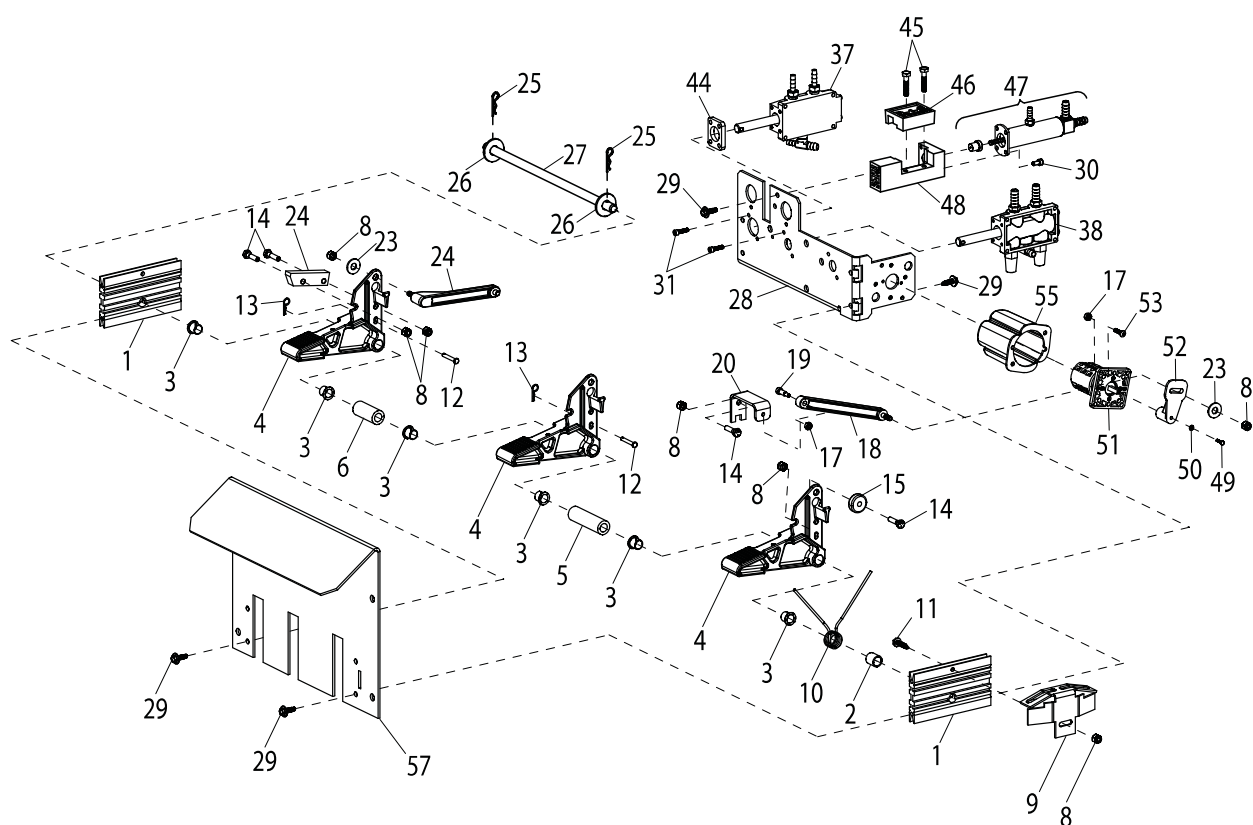
*Valve Assemblies

**Accessory Item

Foot Pedal Assembly (Elec.)



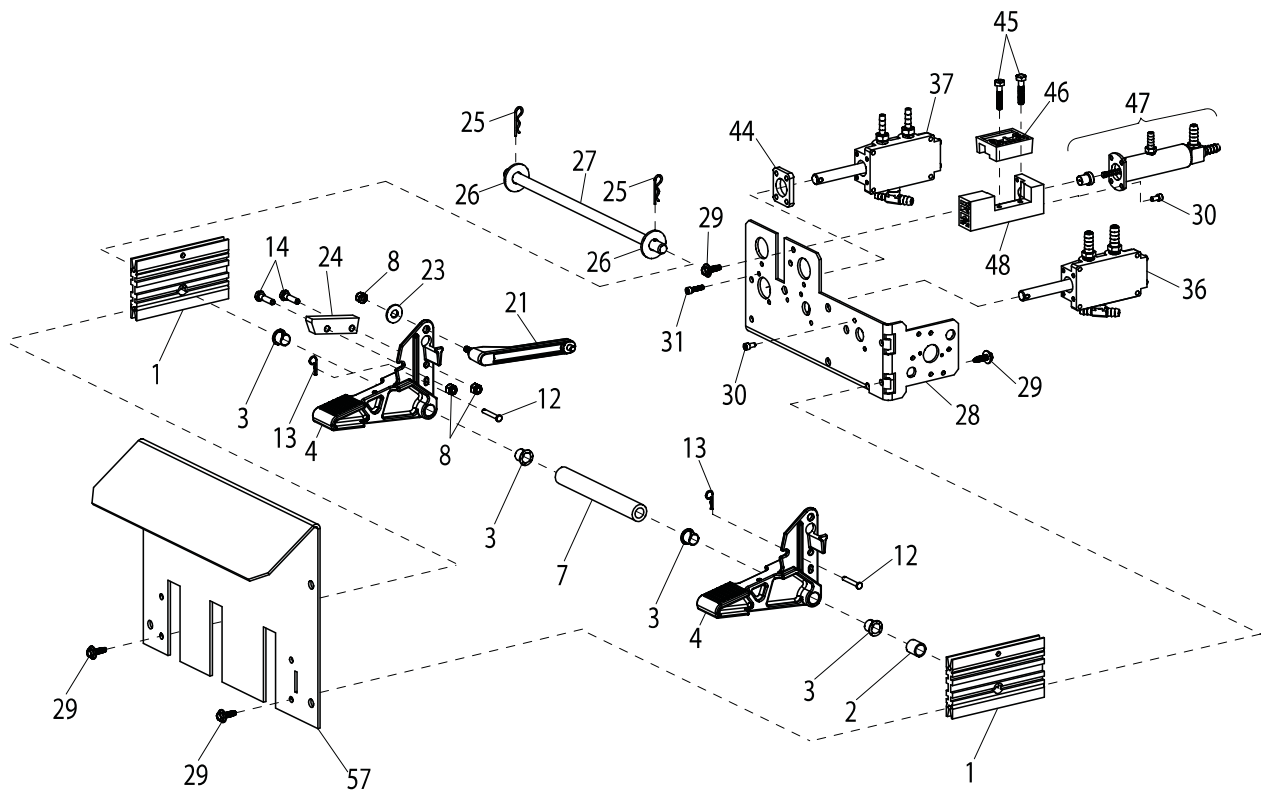
Foot Pedal Assembly (Elec.)



Air Model Foot Pedal Assembly

Item	Part No.	Description
1	8181918	Bar-Valve Brkt. Spacer
2	8181872	Torsion Spring Sleeve
3	8181948	1/2" Nylinder Bearing
4	8181675	Standard Pedal
5	8182327	Pedal Spacer
6	8181911	Pedal Spacer
7	8182358	Pedal Spacer
8	8181369	1/4-20 Lock Nut, Nyl. Ins. Gr.5
12	8181977	3/16" x 1-1/2" Clevis Pin
13	8120469	Hair Pin Cotter
14	8181984	1/4-20 x 1" Hx.Hd.Cp.Scr., Gr.5
16	8181708	Pedal Extension Spring
21	85010038	Cam Lever Follower
23	8107635	5/16" Flat Washer
24	85606355	Stop-Pedal
25	8111609	Hair Pin Cotter
26	8301121	Washer
27	8183398	Pedal Shaft
28	85009985	Valve Mounting Bracket
29	8106301	1/4" Hex Hd Self Tap Screw, Gr.5
30	8181989	10-24 x 3/8 SHCS, Gr.8
31	8182001	10-24 x 3/4 SHCS
36	8182066	Valve Assembly
37	85600262	Valve Assembly
38	8182588	Valve Assembly
40	85600263	Valve Assembly
44	85009982	Spacer-Valve, Clamp, TT
45	8120321	1/4-20 x 1.25 HHCS Gr.5
46	85009984	Block-Upper Stop Pedal Assembly
47	8184675	Oil Injector Assembly
48	85009983	Block-Lower Stop Pedal
57	8182332	Foot Pedal Guard

Foot Pedal Assembly (Air)



Foot Pedal Assembly (Air)

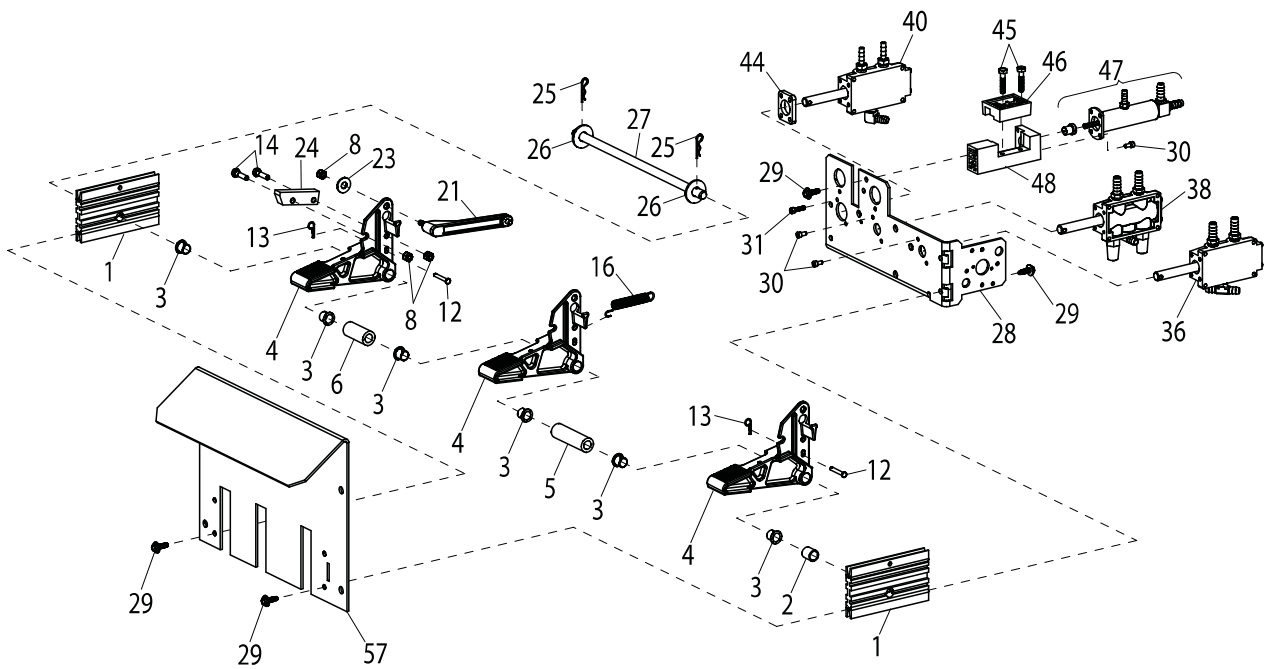


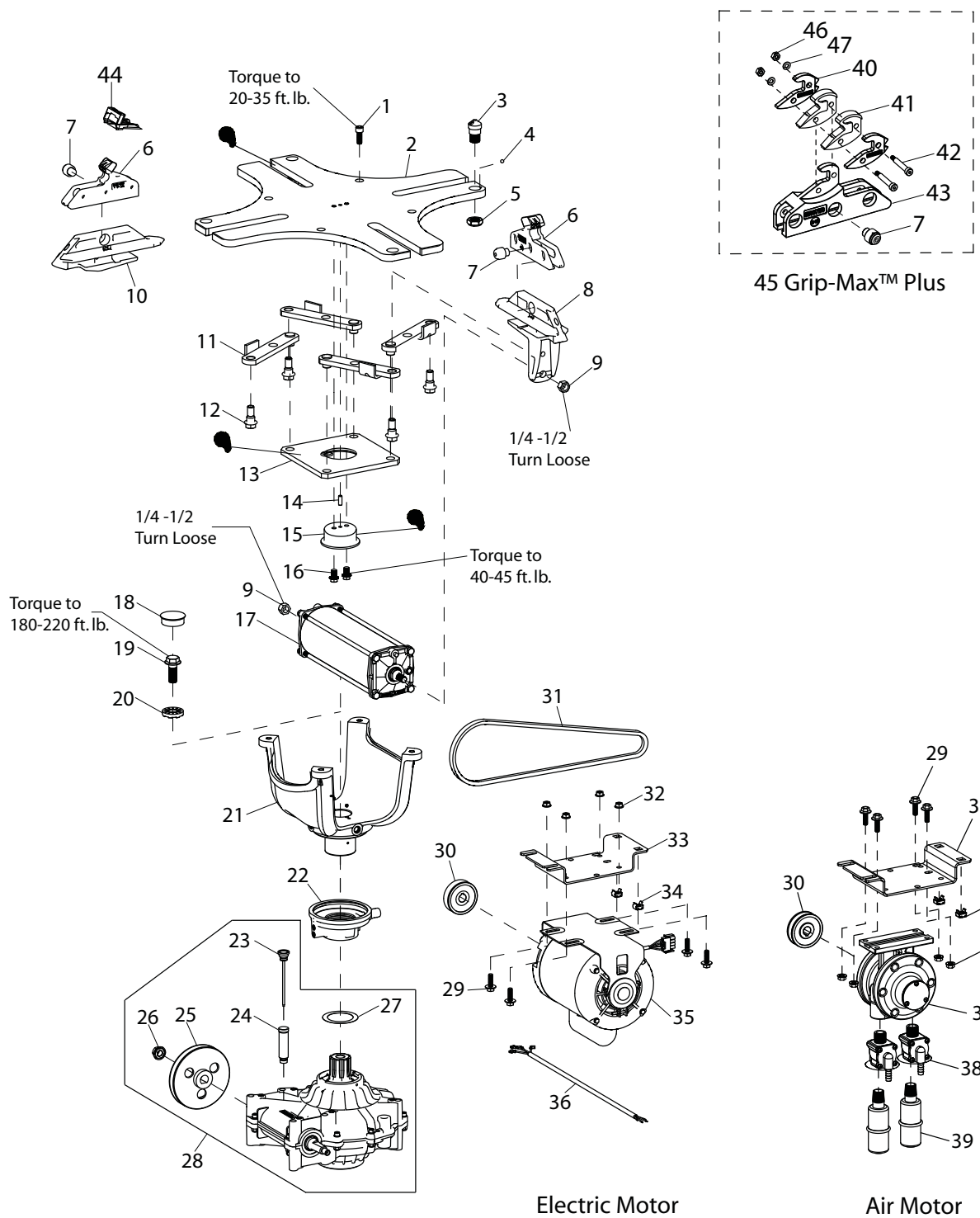
Table Top and Shaft Housing Assembly

Item	Part No.	Description	Item	Part No.	Description
1	8181929	3/8-16 x 1" Gr.8 Skt. Hd. Cap Scr.	31	8180047	Motor V-Belt
2	8181704	Table Top Plate	32	8182178	5/16-18, Hex. Whiz Lock Nut
3	8182024	Inflation Nozzle	33	8181931	Motor Mounting Bracket
4	8182025	1/4" Steel Ball	34	8143044	Tinnerman Sq. Captive Nut 3/8-16
5	8182083	3/4" Jam Nut	35	8184691	Motor, Electric 115V
6	8184126EX	Adjustable Rim Clamp		8182621	Motor, Electric 220V, 50Hz, 1ø
7	8182250	Adj. Clamp Plunger/Spring Assy.	36	8184562	Motor Cable Assy, 4-wire w/plug, 115V
8	8182248	Carrier/Cover - Cylinder End		8181511	Motor Cable Assembly, 4-wire, 220V
9	8101039	1/2" Lock Nut, Gr.5	37	8181190	Air Motor, Gast. 6AM
10	8182249	Carrier/Cover - Clamp Adj.	38	85606398	Exhaust Valve
11	8181734	Pivot Link W/C	39	8181206	1/2" NPT Muffler
12	8182279	Adj. Clamp Link Bolt	40	85607160	3-position Laminated Clamp Cover Plus Points
13	8181731	Table Top Pivot Plate		85607429	3-position Laminated Clamp Cover Plus w/o Points
14	8183476	ø1/4" x 3/4" Roll Pin	41	85607161	Laminated Clamp Plus Grip
15	8181733	Pivot Block	42	85000610	1/4 x 1-1/4 x #10-24 Shoulder Screw
16	8183452	5/16-18 x 5/8" Flange Whiz-lock Scr.	43	85607159	3-position Laminated Clamp Plus
†17	8182613	Table Top Cylinder Assembly	**44	8183604	Bootie Kit, Rim Clamp, Pkg of 10
18	8182627	1-5/8" Dia. Cap Plug	**45	85607787	Grip Max Plus™, Laminated Clamps, Pkg. of 4
19	8181742	16MM x 40mm Hex Head Bolt Gr.10.9		85607786	Grip Max Plus™, Laminated Clamps (External Clamp Only), Pkg. of 4
20	8182979	ø16mm Molded Washer	46	8182682	#10-24 Rvsble Hex Lk Nut
21	8181990	Spider Assembly	47	8301805	#10 Washer
22	8182619	Rotary Coupling Assembly			
23	8182186	Transmission Dipstick			
24	8182185	Dipstick Tube			
25	85606734	Transmission Pulley (3-hole)			
	8181658	Transmission Pulley (6-hole)			
26	8140567	1/2-13, Hex. Whiz-lock Nut			
27	8183156	ø2" X ø2 3/4" x .010 Washer			
28		Transmission Kit			
29	8120325	5/16-18 x 1 Ser. Wash.Hd.Scr., Gr.5			
30	8184674	Motor Pulley			

†Cylinder Assemblies

*Valve Assemblies

**Accessory Item



Robo Arm Assembly

Item	Part No.	Description
1	85009167	Plastic Foot Hold Down
2	8301017	ø1/2" Steel Ball
3	8183637	ø2 Ext. Retaining Ring
4	7000230	1/2" Rubber Hand Grip
5	8183649	1/4-20 x 5/16" Soc Hd Set Screw
6	8181983	10-24 x 3/4 Lg. BHSCS
*7	8185757	Robo Arm Valve Assembly
8		Wire Tie
9	8183644	Cyl. Assem. 2" Dia. x18" Stroke
10	8181997	90° Elbow 1/8 NPT x 1/8" Fitting
11	**	1/8 x 16" Plastic Tube
12	8181996	1/4 NPT x 1/8 Tube St. Fitting
13	**	1/8 x 6" Plastic Tube
14	8106301	1/4-20 x 3/4" Soc Hd HWHST Screw
15	8182044	Neoprene Cushion Clamp
16	8182016	3/4"-10 Nylon Insert Lock Nut, Gr.5
17	8100994	3/4" Flat Washer
18	8181038	Swing Arm Pivot Pin
19	**	1/4, 58" Black Rubber Hose

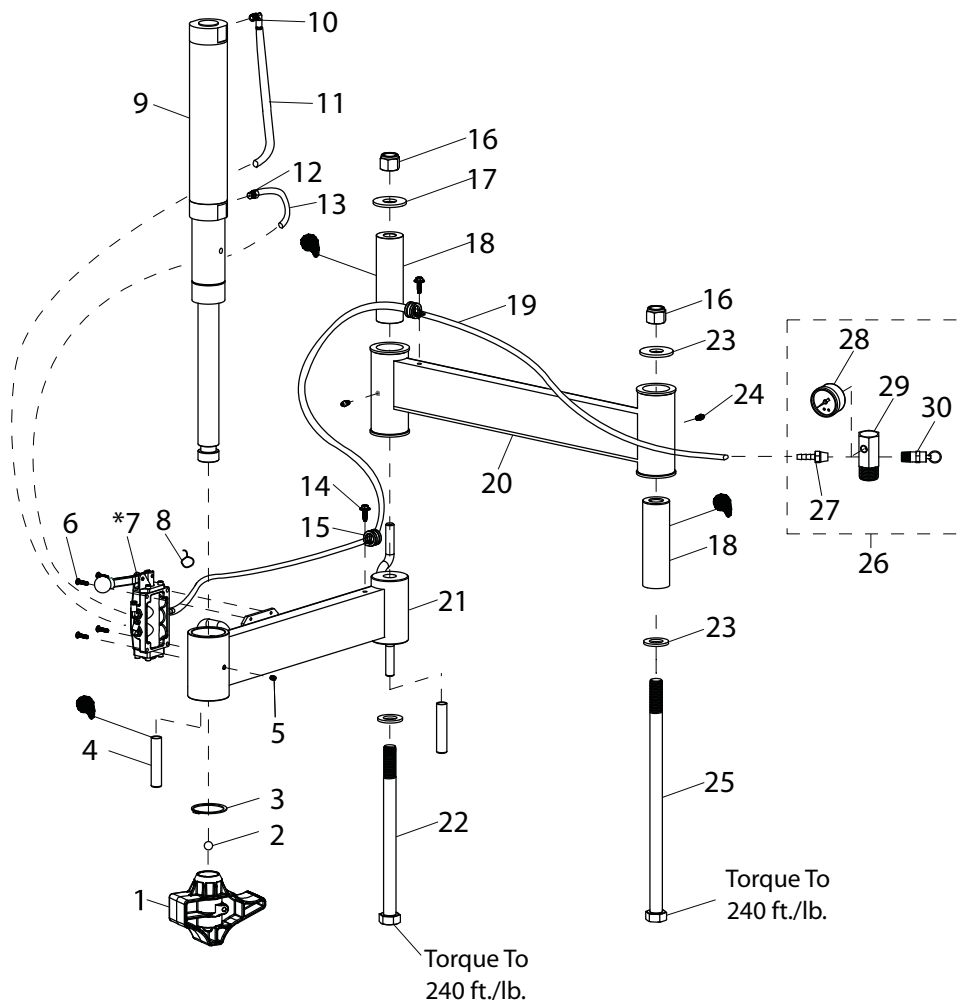
Item	Part No.	Description
20	8184904	Rear Arm Weldment
21	8184905	Front Arm Weldment
22	8183703	3/4-10 x 10-1/2" Hex Hd Cap Scr, Gr5
23	8182457	3/4" SAE Flat Washer
24	8184226	1/4-28 Grease Fitting
25	8183635	3/4-10 x 14 HHCS, Gr.5
26	8184059	Manifold Assembly
27	8000378	1/4" Brass St. Fitting
28	8108968	Air Gauge
29	8183434	Manifold/Gauge
30	8182599	Safety Valve

*Hose Reels

Item	Part No.	Description
50-ft.	85000375	1/4" ID x 1/2" OD Black Rubber Hose
50-ft.	85000376	1/8" OD x 0.25 Plastic Tube

*Valve Assemblies

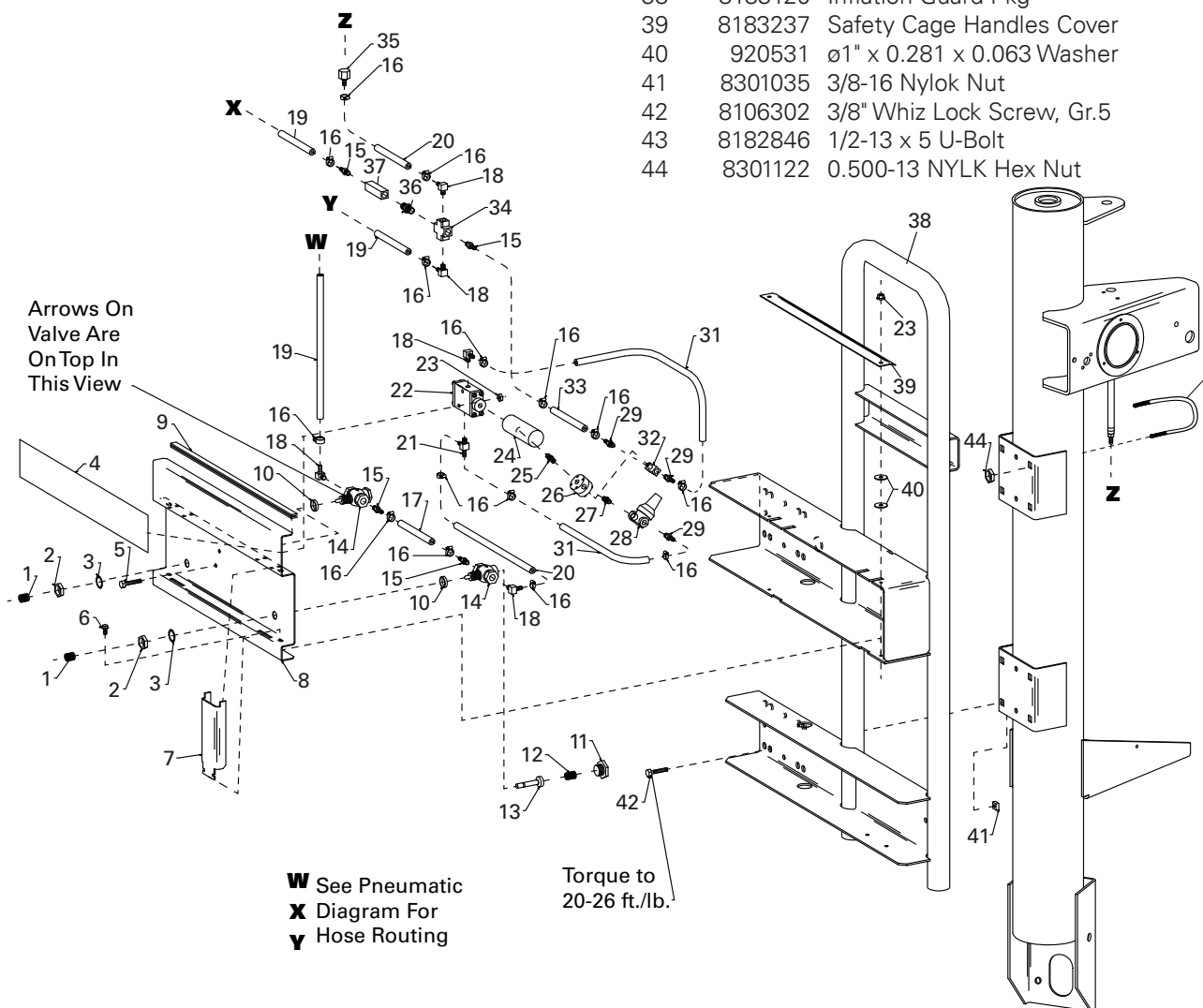
**Hose Reels



Inflation Guard Assembly - 6065, 7665

Item	Part No.	Description
1	8182318	Handle Spring-B.L. (7665)
2	8104611	5/8" N.F. Jam Nut Gr.5
3	8104613	5/8" Ext. Tooth Lock Washer
4	8182981	Warning Decal
5	8120408	1/4-20 x 1-3/4 H.H. Cap Scr., Gr.5
6	8106301	1/4" Hex Hd Self Tap Screw, Gr.5
7	8182862	Valve Actuator
8	8182842	Front Cover
9	8183067	19" Trim Strip
10	8104673	Bushing, 1/4" Valve
11	8105671	End Cap, 1/4" Valve
12	8102468	Poppet Spring, 1/4" Valve
13	8104649	Poppet, 1/4" Valve
14	8104600	1/4" Valve Comp.
15	8000378	1/4" Brass St. Fitting
16	85606362	Hose Clamp-13mm Spring
17	8103649	ø1/4 x 12" Hose
18	8000376	ELL 90° 1/4 Hose Fitting

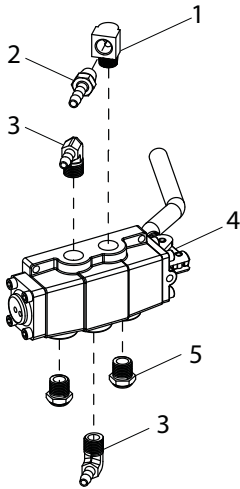
Item	Part No.	Description
19	8182090	3/4" x 61" Lg. Hose
20	8106289	ø1/4" x 22" Hose
21	8110325	1/4" NPT Male Run Tee
22	8109466	Piloted Valve
23	8143169	1/4-20 Whiz Lock Nut, Gr.5
24	8110496	Volume Chamber
25	8109471	1/8" Brass Hex Nipple
26	8109468	Pressure Repeater
27	8109472	1/8" Inline Filter
28	8111083	Regulator
29	8104844	1/8 NPT x 1/4 Hose St Fitting
31	8102048	ø1/4" x 15" Hose
32	8110328	1/8" NPT Tee
33	8181213	ø1/4" x 3" Hose
34	8182367	1/4 NPT Brass Cross Fit.
35	8108605	Female Coupling Assembly
36	8000580	1/4 NPT Close Nipple
37	8104969	Check Valve
38	8183120	Inflation Guard Pkg
39	8183237	Safety Cage Handles Cover
40	920531	ø1" x 0.281 x 0.063 Washer
41	8301035	3/8-16 Nylok Nut
42	8106302	3/8" Whiz Lock Screw, Gr.5
43	8182846	1/2-13 x 5 U-Bolt
44	8301122	0.500-13 NYLK Hex Nut



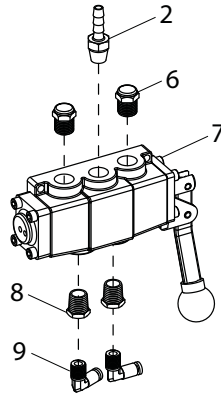
* Not Standard On All Models

Apply Grease To These Locations

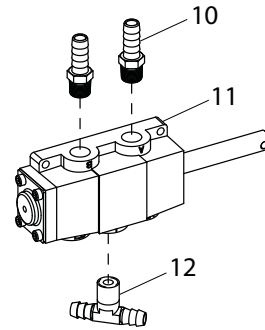
Valve Assemblies



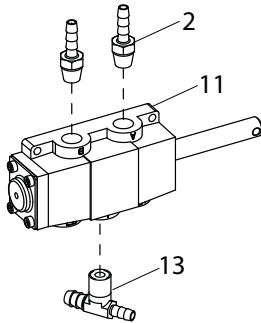
**Bead Loosener Arm
Valve Assembly**



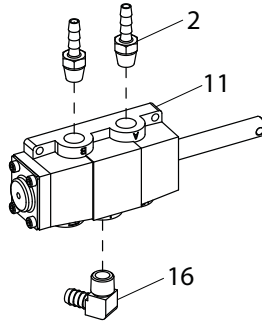
**Robo Arm
Valve Assembly**



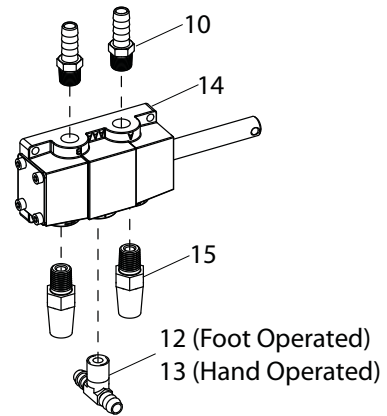
**Air Motor Pedal
Valve Assembly**



**Table Top Clamp Pedal
Valve Assembly**



**Table Top Clamp Pedal
Valve Assembly**

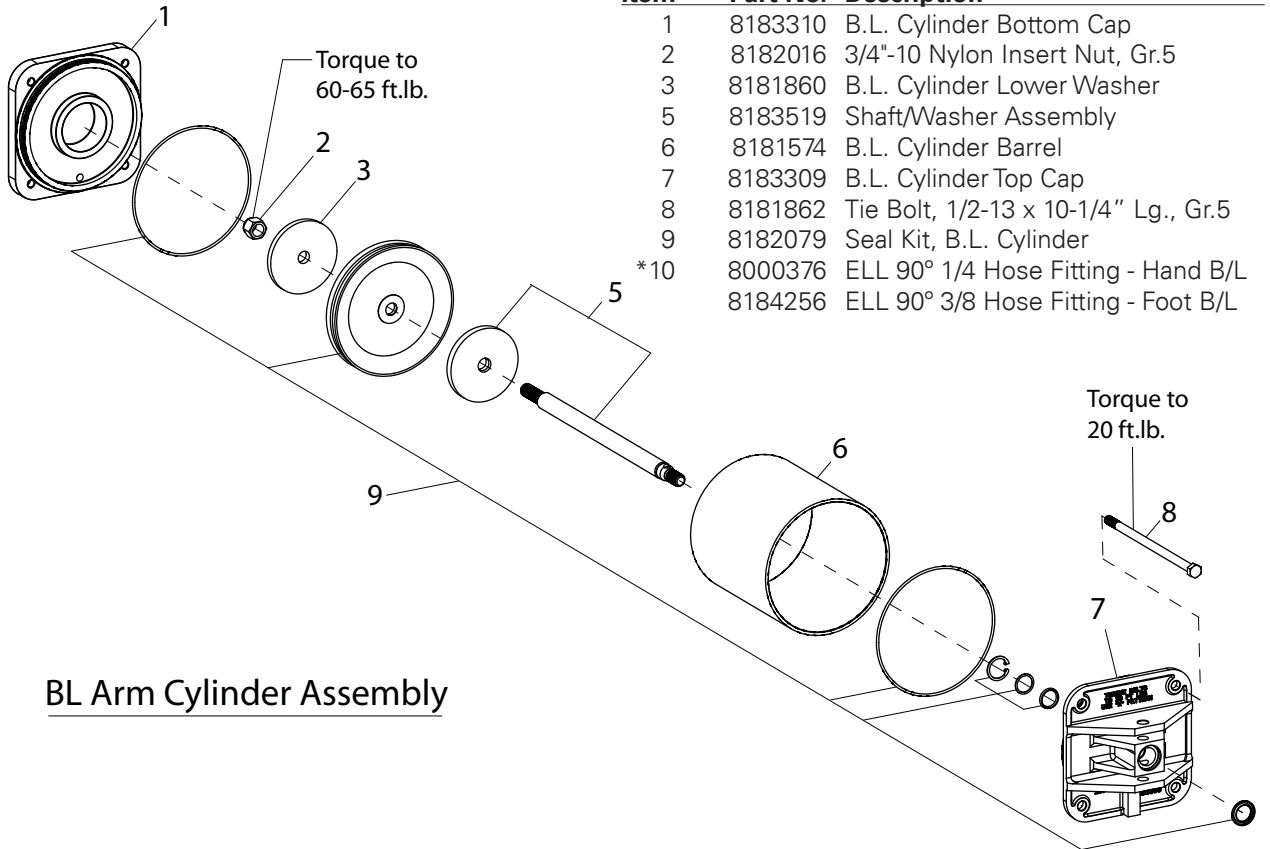


**Bead Loosener Arm Pedal
Valve Assembly**

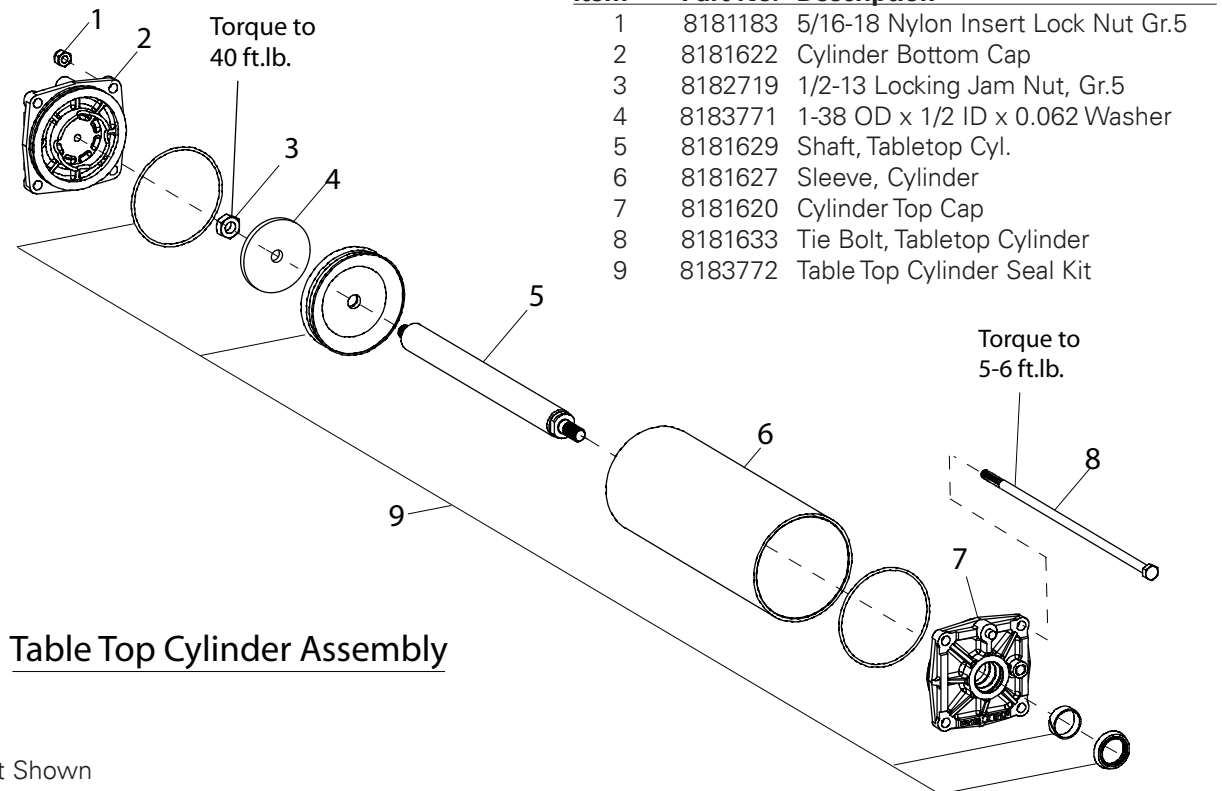
Item	Part No.	Description
1	8000372	1/4 NPT, 90° St. ELL Fitting
2	8000378	1/4" Brass St. Fitting
3	8000376	ELL 90° 1/4 Hose Fitting
4	8185581	3 Position w/Handle Valve
5	85607855	1/4 NPT Muffler, Small
6	8105615	Small Muffler
7	8185585	3 Position Valve
8	8109481	1/4 NPT x 1/8 NPT RDCR Fitting
9	8181997	90° Elbow 1/8 NPT x 1/8" Fitting
10	8101898	St. 1/4" NPT 3/8" Hose Fitting
11	8184369	4-Way w/Pull Pin Valve
12	8184467	1/4" NPT x 3/8 BRB x 3/8B Tee Fitting

Item	Part No.	Description
13	8184469	1/4" NPT x 3/8 BRB x 1/4B Tee Fitting
14	8181986	4-Way w/Pull Pin Valve
15	906960	1/4 NPT Muffler
16	8184256	1/4 NPT, 1/4 HSE ELL Fitting

Cylinder Assemblies



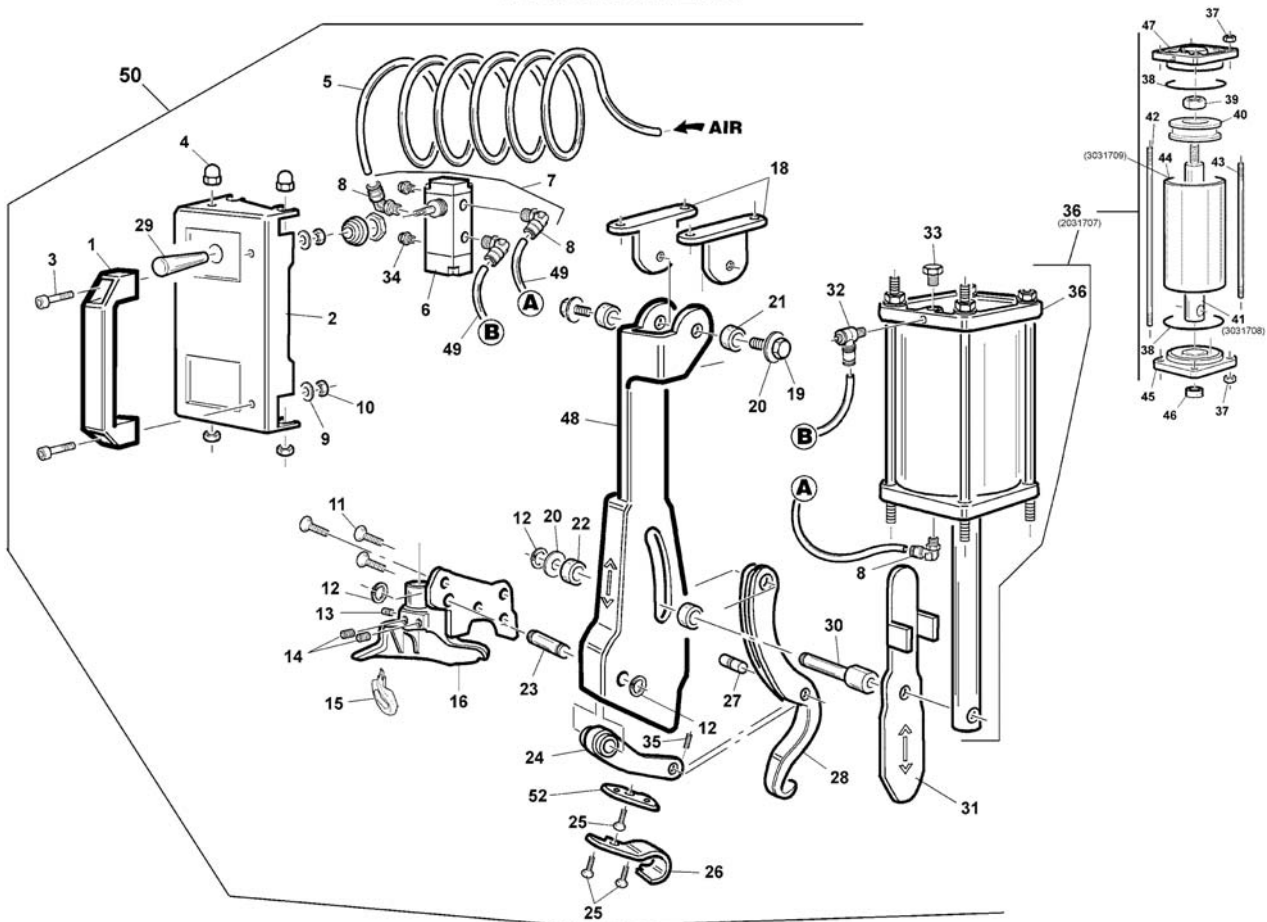
Item	Part No.	Description
1	8183310	B.L. Cylinder Bottom Cap
2	8182016	3/4"-10 Nylon Insert Nut, Gr.5
3	8181860	B.L. Cylinder Lower Washer
5	8183519	Shaft/Washer Assembly
6	8181574	B.L. Cylinder Barrel
7	8183309	B.L. Cylinder Top Cap
8	8181862	Tie Bolt, 1/2-13 x 10-1/4" Lg., Gr.5
9	8182079	Seal Kit, B.L. Cylinder
*10	8000376	ELL 90° 1/4 Hose Fitting - Hand B/L
	8184256	ELL 90° 3/8 Hose Fitting - Foot B/L



Item	Part No.	Description
1	8181183	5/16-18 Nylon Insert Lock Nut Gr.5
2	8181622	Cylinder Bottom Cap
3	8182719	1/2-13 Locking Jam Nut, Gr.5
4	8183771	1-38 OD x 1/2 ID x 0.062 Washer
5	8181629	Shaft, Tabletop Cyl.
6	8181627	Sleeve, Cylinder
7	8181620	Cylinder Top Cap
8	8181633	Tie Bolt, Tabletop Cylinder
9	8183772	Table Top Cylinder Seal Kit

*Not Shown

Leverless Bead Lifter



Item No	Part No.	Description
1	84297851	Handle
2	87019215	Valve Box
3	84399954	8 x 20 Screw
4	84395374	M8 Nut
5	83030571	6 x 4 Spiral Hose, L=1500
6	84198285	5-way Valve
7	82006996	Valve
8	84198618	1/8" Union
9	84399829	8 (8, 4 x 16 x 1,5) Washer
10	84399900	M8 Self-locking Nut
11	84393957	10 x 12 Screw
12	84399864	D.12 Seeger Ring
13	84395530	12 x 2 Screw
14	84393346	Screw
15	89233409	Back Slide
16	83033830	Touchless Mounting Tool
18	83019202	Connection Plate
19	84399434	12 x 20 Screw
20	84398637	ID 12 x 21 x 2, 5 Washer
21	83017334	12/18/8, 2 Bush

Item No	Part No.	Description
22	83017302	12/18/6, 5 Ferrule
23	83019212	Tool Pin
24	83019214	Connection Rod
25	84393753	5 x 8 Screw
26	89233409	Front Slide
27	83019210	Pin
28	83019213	Touchless Tool
29	83010284	D.14 x 45 M5 Control Handle
30	83019211	Cylinder Pin
31	83019561	Support Plate
32	84194004	MR 41 6 M6 Union
33	84199161	1/8" Plug
34	84199610	1/8" Silencer
35	84399957	6 x 8 Screw
36	82031707	Cylinder Unit
37	84399976	Nut M8
38	84298822	O-ring D.68, 26 x 3, 53
39	84399865	Self-locking Nut M12
40	84198856	D.75 Piston
41	83031708	Cylinder Shaft



Item No Part No. Description

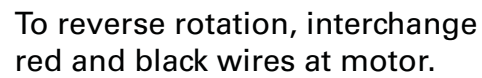
42	83019208	8 x 1, 25 x 180 Special Screw
43	83019204	M8 X 1, 25 x 164 Special Screw
44	83031709	Cylinder Liner L=125
45	83015024	Flange
46	83199601	Scraper
47	83019467	D.75 SO Side Hole M6 Back Flange
48	87019199	Tool Holder
49	83019959	6 x 6 Hose L=240
51	84396878	12 x 25 x 0, 5 Steel Shim
52	83031595	Threaded Tab
53	8099053	1/4" Hose L=7.5 Ft
54	83031235	Spring
55	8106301	1/4-20 Screw
58	8182044	Hose Clamp
59	85606362	1/4" Clamp
60	8000378	1/4" Barb
63	85606363	3/8" Clamp

Item No Part No. Description

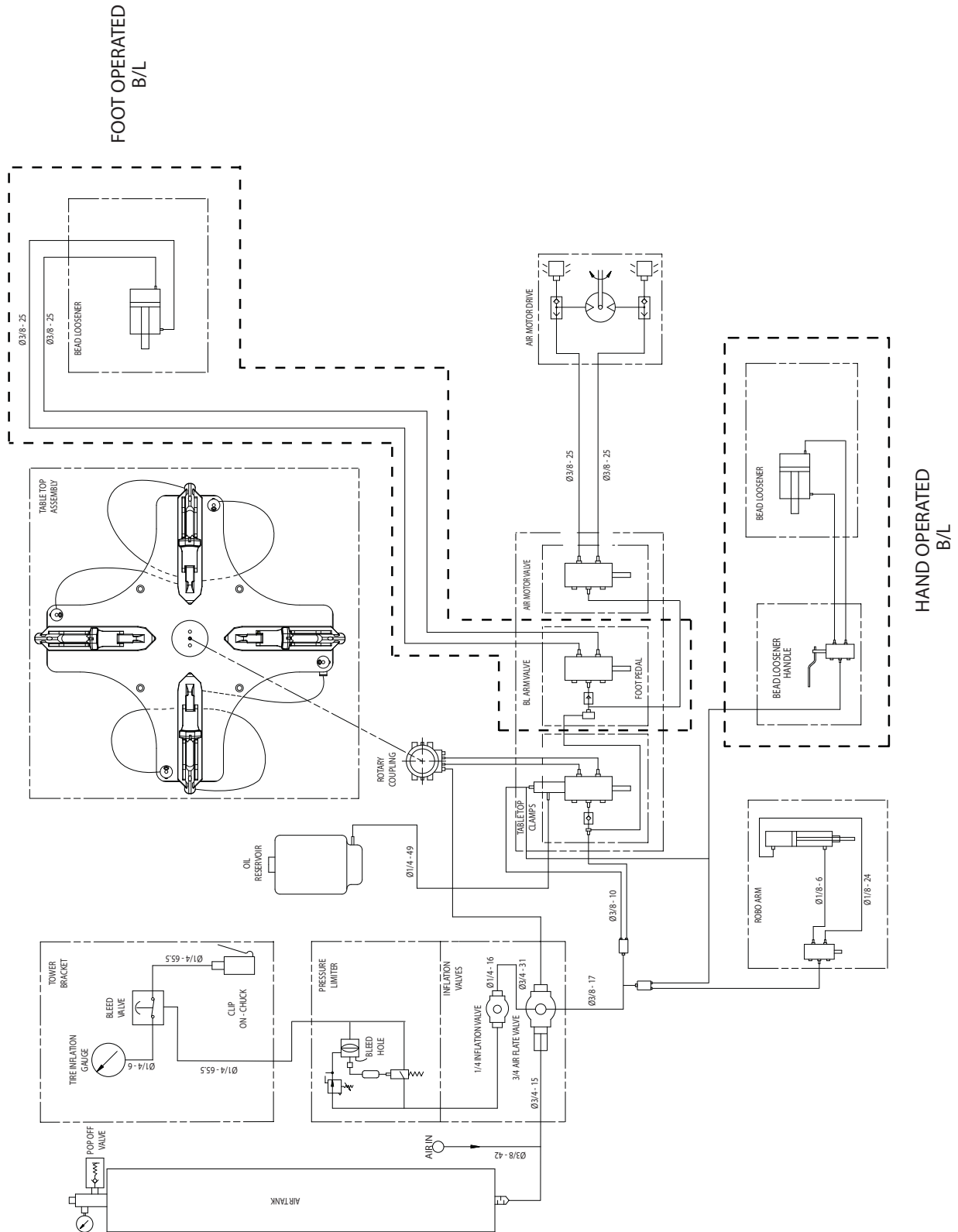
64	8101898	3/8" Barb
65	8000643	Tee
67	84395804	2 x 35 x 5, G Type 14, Washer
68	84395805	2 x 21 x 4, C Type 10, Washer
69	8107715	3/8-16 UNC Screw, L=1.25"
*85	84199461	Adapter
*86	84194089	1/8" Union
*87	84194088	Quick Union
*88	84198993	1/8" Quick Union
*89	84199026	Union

*Not Shown

Domestic & C.S.A.



Pneumatic Diagrams



Rim Clamp® Tire Changer

All-Air Unit Compressed Air Requirements

COATS® Rim Clamp® tire changers that are powered entirely by air (no electric motor) require a single compressed air power source. Refer to the table below for exact specifications.

Tire Changer Model	Compressor Size	Capable of
All	5 HP	14-15 SCFM at 150 PSI

Oil Injector Maintenance

The oil injector (on units so equipped) typically require annual service. The oil level in the oil reservoir tank should be checked regularly.

1. Add oil to the oil reservoir tank if the fluid level in the tank is at the “add” mark. Remove cap from the oil reservoir tank and add Texaco Rando® HD22 or SAE 10W non-detergent oil to the “full” mark. Replace the cap and clean up any spilled oil.

Important: If the hose between the reservoir and injector is ever empty of oil, an air lock will form. After filling the reservoir tank, the line must be bled of air at the injector connection as follows:

- a. Remove the side panel and locate the oil injector.
- b. Loosen the bleeder screw until oil drips from the screw.
- c. Retighten bleeder screw.
- d. Cycle the clamp valve a few times checking for oil and air leaks.
- e. Test the machine for full function before returning the machine to operation.

Transmission Lubrication

The transmission in this machine requires SAE 80/90 gear oil. Remove the dipstick to check that there is oil on the end of it. If not, fill as required – do not overfill.

Air Gauge Check and Recalibration

1. Inflate a standard 15" passenger car tire/wheel assembly to 32 PSI. Use a high quality stick-type pressure gauge to verify the pressure. Attach the tire changer's inflation hose to the valve stem and check the pressure reading on the air gauge. If it does not read 32 PSI, recalibrate the gauge.

2. Remove the screw-on lens. Loosen the 2 screws on the face of the gauge. Loosen them just enough so that the gauge face moves. Do not remove the screws.

3. Rotate the gauge face until the 32 PSI mark is aligned with the gauge needle. Tighten the 2 screws and replace the lens.

Danger, Warning, Caution, and Instructional Decals

Always make the cleaning of these important decals a part of your regular maintenance routine. If they are damaged or illegible, replace them immediately. Your safety, and the safety of others is involved!

Rando® is a trademark of Texaco Corporation