



**LT35A
CAPACITY
3500 LBS.
1600 Kg.**



Scan Me Before Assembly

Rotary
VIRTUAL SUPPORT
SCAN TO VIEW
OPERATIONAL
VIDEOS AND
DOCUMENTS

ROTARY
LT35A
LIFTING TABLE

Rotary

NOTE: PARTS BREAKDOWN IN THE BACK

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- 1.) Unpackage unit.
- 2.) Slide power unit/handle bracket into base frame.
Attach with (2) M10 x 20 WHHCS Fig. 1.

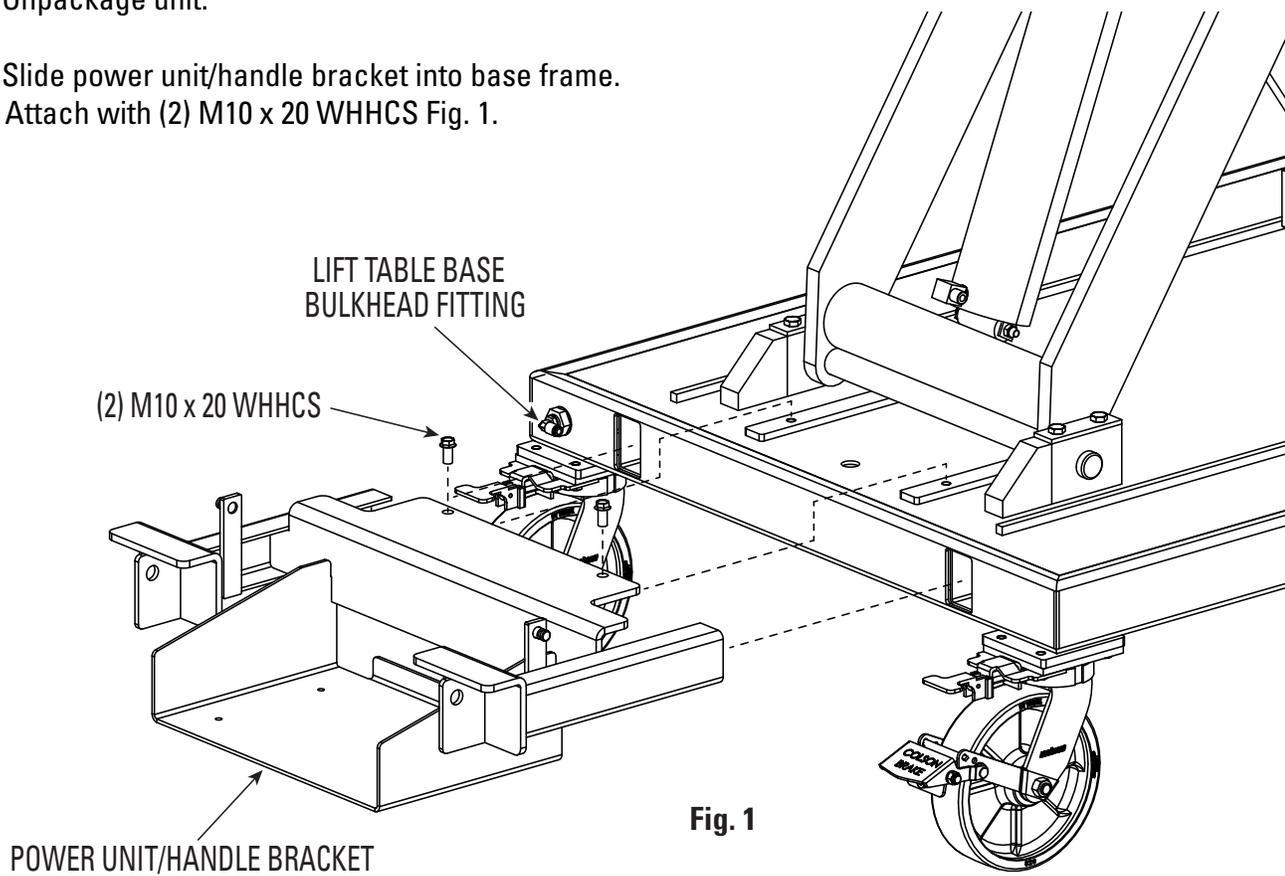


Fig. 1

- 3.) Attach handle to power unit/handle bracket by placing (1) handle pin into the power unit/handle bracket handle hole and then squeezing handle down rods together and inserting the other pin into the other power unit/handle bracket handle hole. After pins have been inserted into holes, place retaining cap over pin, taping into place with a rubber mallet. Lastly, attach springs to the cart spring pin and handle spring pin, Fig. 2.

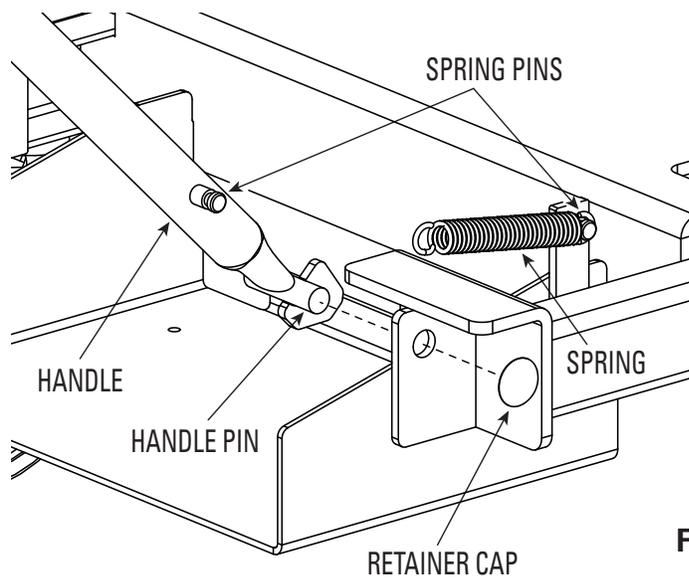


Fig. 2

4.) Attach Valve bracket using (2) M10 x 12 HHSC. Attach 1/4 NPT bulkhead to valve bracket then attach 1/4 NPT male coupler to the bulkhead , Fig. 3.

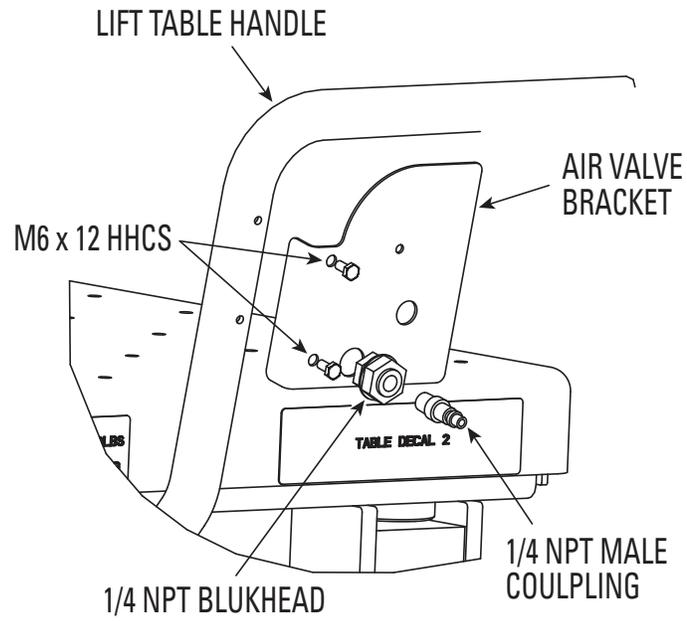


Fig. 3

- 5.) Attach power unit to power unit/handle bracket, aligning the hole pattern on the pump/bracket, by using (4) M6 HHCS, supplied with the pump, and (4) M6 flat washers. Fig. 4. At this time remove the shipping plug from the filler port and replace with breather dip stick.

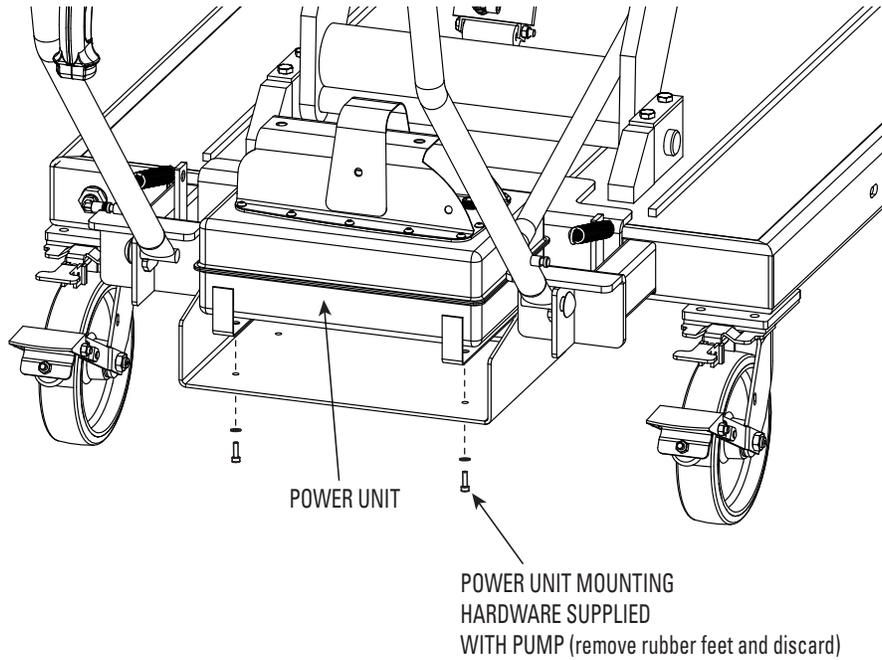
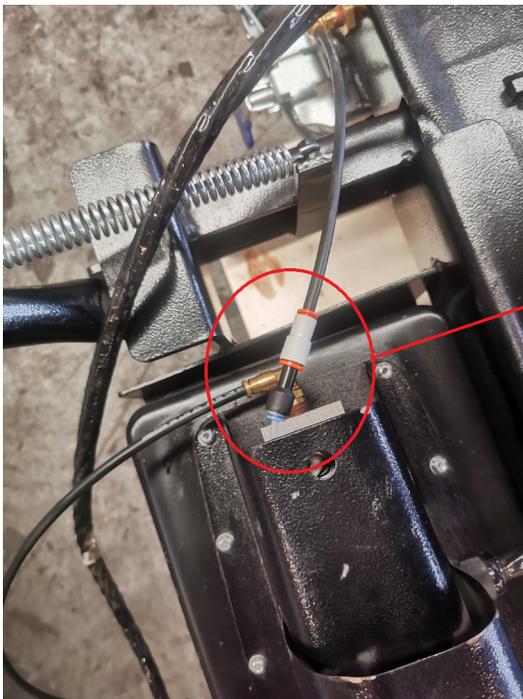
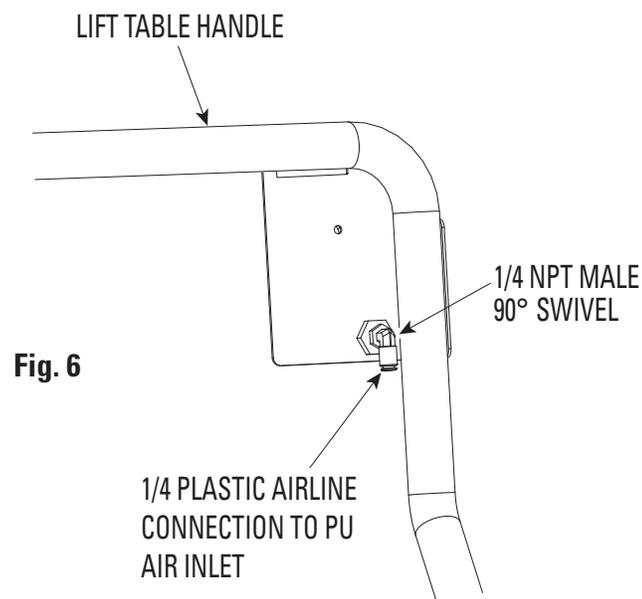
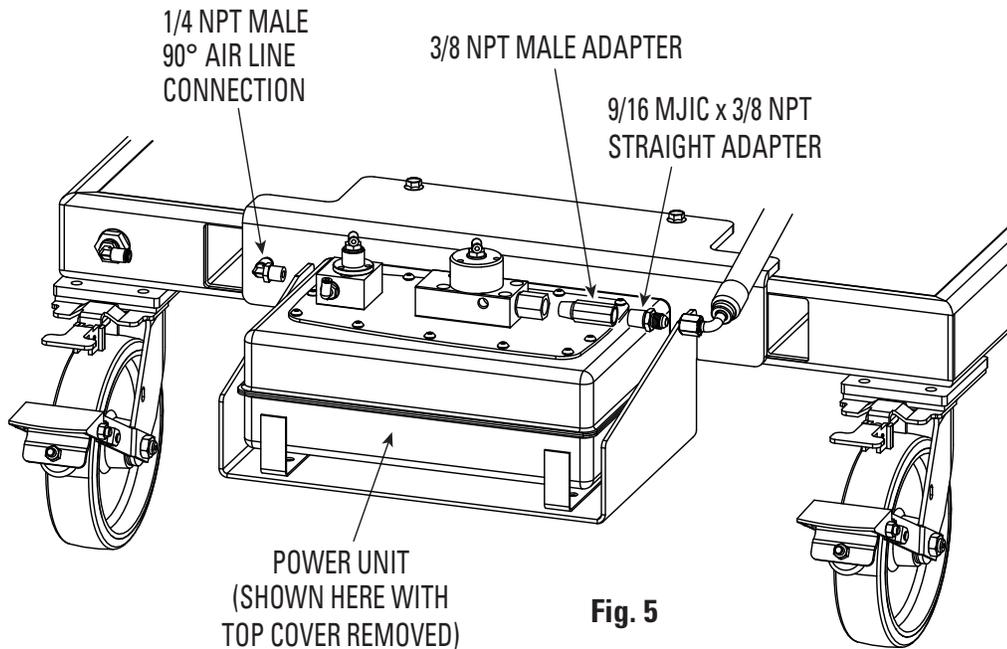


Fig. 4



- 6.) Attach 1/4 NPT male 90° fitting to pump. Attach 3/8 NPT male adapter and 9/16 MJIC straight adapter fitting to front of power unit. Attach hydraulic cylinder hose, pre-installed, adapter fitting, to 90° fitting just installed. **IMPORTANT:** Always use pipe tape/dope on all pipe fittings. Fig. 5.
- 7.) Attach 1/4 NPT male 90° swivel to the rear of the bulkhead fitting. Run 1/4" plastic air line to the power unit 1/4 NPT male 90° swivel (rear port of power unit) routing both airlines down handle, wire tying to handle approx. every 12". **IMPORTANT** Always use pipe tape/dope on all pipe fittings. Attach 4mm male x 8mm female adapter to the 8mm x 6mm female union as shown. Attach the 4mm tube to the 4mm push loc and then cut a suitable length of 6mm tube installing from the union above to the 90° pre-installed on the base bukklhead, Figs. 1 and 4.
- 1.) Provide clean dry air to male coupler, 90-120 psi (6-8.3 bar) @ 10 cu.ft/min (284 lpm) max.



Operating Instructions

- 2.) Place load so center of gravity of load is centered on lift top as close as possible. Note: The sliding end can be slid out to better support load.
- 3.) To help align the lift tabletop with the object being removed/installed in the vehicle, the top can be tilted from the side, or the rear, or handle side of lift table +/- 3°, as well as shifted/rotated right to left, by approx. 1" (25mm).
 - a.) To tilt, thread jack screws located at the rear and right side of lift table upward using a 14mm wrench until correct angle is met. Note: Level jack screws when service job is complete, Fig. 7 and 8. NOTE; "t" shown in fig. 7 not for production, only shown/used on prototype.
 - b.) To shift/rotate table, unlatch red toggle handles on mid table and push/pull "U" shaped handles until desired position is reached. Fig. 9.
- 4.) To raise lift table, attach shop airline to male coupling on lift table handle, Fig. 10., then press the "UP" button on pendant, Fig. 11. Raise until desired height is reached.

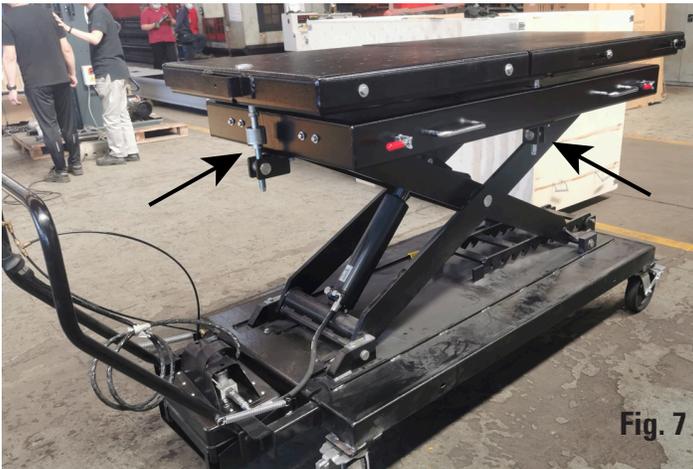


Fig. 7



Fig. 8



Fig. 9

⚠ WARNING : When raising table be careful not to raise vehicle off lift adapters.



Fig. 10



Fig. 11

5.) To Lower Table:

- a.) If the lift table is resting in a lock position raise the lift enough to depress the lock



button on pendant to clear the locks to lower.

- b.) Press the "DOWN" arrow button on pendant until desired height is reached. Review Figs. 10 and 11.



Note: When lift is not in fully lowered position, it is recommended that the nearest lock position be used.

- 6.) When moving the lift table, with or without a load, the casters may be locked directionally by pressing the blue foot tab downward on the caster. For ease of forward/aft movement only lock one front caster rotationally. Additionally, the lift table may be locked into position by pressing the caster locking foot tab downward. Fig. 12.

- 7.) When not in use, store lift table in a clean dry interior area, locking at least (2) casters.

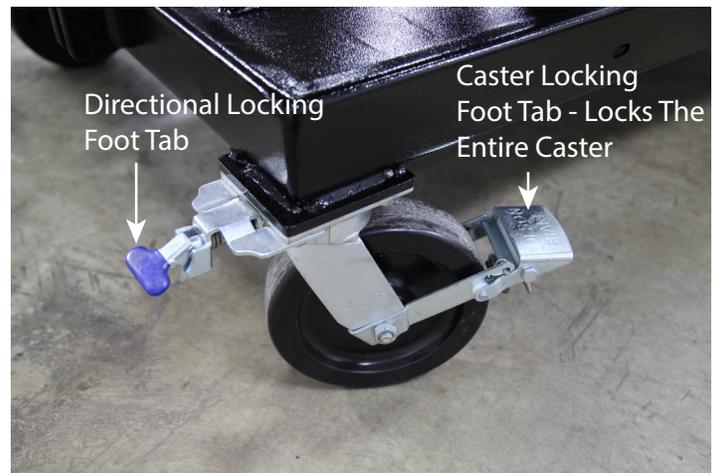


Fig. 12

- 8.) Before using the lift table each time check the caster assemblies for debris that may prevent the table from rolling freely. Grease caster assemblies if needed. Check slider blocks and the path of travel to make sure the area is free of debris. Keep well greased, Fig. 13. Check airline routings for any damage and check hydraulic hose/fittings for damage as well. Before lifting vehicle components, raise lift table and listen for,

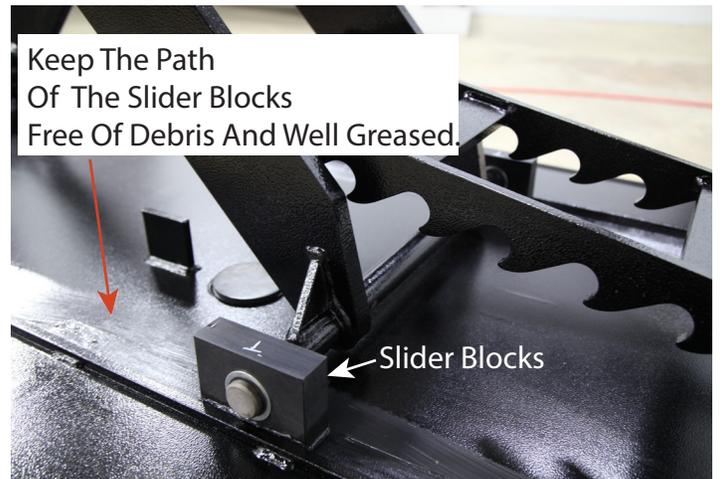
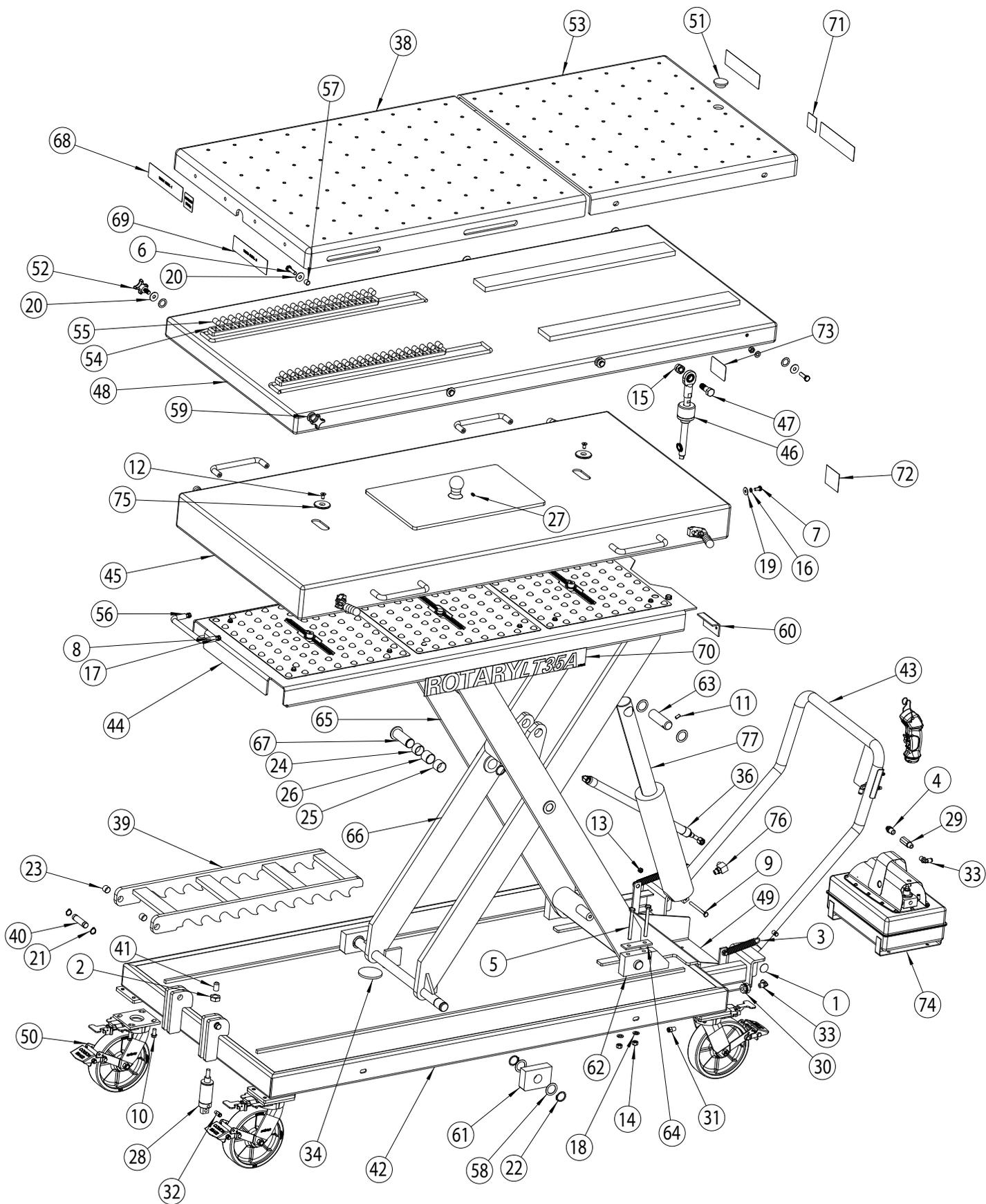


Fig. 13

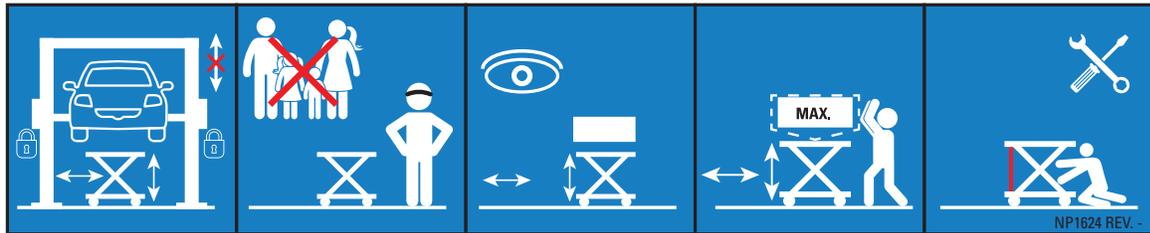
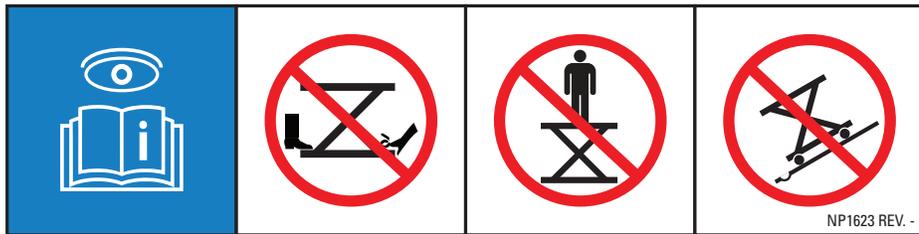
"Click", to make sure locks engage. When lift table is at full height, lower to top lock and inspect structure for any damage/missing parts. If all is well, lower lift table and proceed to vehicle maintenance. If any damage/missing parts, please tag out/lock out and contact Rotary Authorized Repair Services.



ITEM	QTY	PART NO.	DESCRIPTION
1	2	102879	CAP Ø16
2	1	913611	3/4-16 HEX JAM NUT
3	2	114092Y	SPRING
4	1	992043	9/16" MJIC x 3/8"NPT STRAIGHT
5	8	B11-10X100	HHCS, M10X100 8.8G, ZINC
6	6	B11-10X35	HHCS, M10X35 8.8G, ZINC
7	4	B11-8X16	HHCS, M8X16 8.8G, ZINC
8	2	B11-8X25	HHCS, M8X25 8.8G, ZINC
9	1	B12-8X90	HHCS, M8X90 10.9G, ZINC
10	18	B18-10X20	M10 X 20mm SERRATED HEX FLGD CS, PLTD
11	1	B21-8X16	M8x16 SET SCR, BLK OXIDE
12	2	B26-8X16	SOCKET FLAT HEAD CAP SCREW M8X16
13	1	B33-8	M8 LOCK NUT
14	14	B33-10	NYLON LOCK NUT M10
15	2	B33-16	NYLIN LOCK NUT M16
16	6	B40-8	LOCK WASHER Ø8
17	2	B41-8	FLAT WASHER Ø8
18	22	B41-10	FLAT WASHER Ø10 ZINC
19	4	B42-8	M8 BIG FLAT WASHER ZINC
20	8	B42-10	M10 FLAT WASHER ZINC
21	4	B60-18	CLIP RING 18
22	8	B60-30	SHAFT RING, 30mm BLACK OXIDE
23	2	B78-1815	BEARING, DU
24	2	B78-3020	BEARING SF-1
25	2	B78-3025	BEARING SF-1
26	2	B78-3030	BEARING SF-1
27	1	B85-6	OIL NIPPLE
28	1	FA299-15	AIR CYLINDER
29	1	FA7519	FLOW CONTROL ASM FOR LT33A
30	1	FC147-1	BRASS ANCHOR CONNECTOR
31	1	FC5191-6	1/4" TUBE TO 1/4" NPT PUSH CONNECTOR
32	1	FC5225-47	MALE CONNECTOR
33	2	FC5341-90	MALE ELBOW CONNECTOR
34	1	FJ6183-3	3" RUBBER PAD
35	1	IN20966	LT33A II/OM/PBMANUAL
36	1	LT33A-9801-1	LT33A HYDRAULIC HOSE ASSEMBLY
37	1	16075	1/4" PARAFLEX TUBING 15" LG
38	1	LT33A-4101Y	TOP TABLE, LONGER
39	1	LT33A-5100Y	TABLE LOCK BAR ASSEMBLY
40	2	LT33A-5103Y	TABLE LOCK PIN
41	1	LT33A-5302Y	CYLINDER ROD NOSE
42	1	LT35A-1000Y	BOTTOM BASE WELDMENT
43	1	LT35A-1100Y	TABLE HANDLE ASSEMBLY
44	1	LT35A-2000Y	SLIDER TRACK TABLE ASSEMBLY
45	1	LT35A-3000Y	MIDDLE TABLE ASSEMBLY
46	2	LT35A-3200Y	TILT MECHANISM ROD ASS'Y.
47	2	LT35A-3203Y	SHOLDER BOLT
48	1	LT35A-4000Y	UPPER TABLE WELDMENT
49	1	LT35A-5000Y	PUMP & HANDLE BRACKET ASSEMBLY
50	4	LT35A-5300E	8" EZ ROLL CASTER
51	1	MG12-0002	(SPIRIT LEVEL)
52	2	MG12-0005	KNOB
53	1	MG12-1002	TOP TABLE, SMALLER

54	2	MG12-1003	ROLLER BRACKET
55	42	MG12-1004	ROLLER
56	1	MG12-1005	HANDLE
57	2	MG12-1006	SPACER
58	12	MG12-1007	ADJUST SHIM
59	8	MG12-1009	ADJUST SHIM
60	2	MG12-2004	LIMIT BRACKET
61	4	MG12-3001	MOVEABLE SLIDER
62	4	MG12-3002	FIXED SLIDER
63	1	MG12-3003	CYLINDER PIN
64	4	MG12-3004	SLIDER HOLDER
65	1	MG12-3100	OUTER LEG WELDMENT
66	1	MG12-3200	INNER LEG WELDMENT
67	2	MG12-3300	SHAFT, LEG MIDDLE
68	2	NP1623	LIFT TABLE SAFETY DECAL 1
69	2	NP1624	LIFT TABLE SAFETY DECAL 1
70	2	NP1669	LT35A BRANDING DECAL
71	2	NP1670	3520LB/1600KG CAPACITY NP
72	3	NP1674	LT35A000 QR DECAL
73	1	NP93	NAMEPLATE
74	1	SB700098	LIFT TABLE PUMP w/PENDENT
75	2	SM65-2003	REAR SLIP PLATE RETAINER PLATE
76	1	VAS6131-9802-9	BSP BANJO WITH WD SEAL
77	1	YG155-9100A	LIFT TABLE CYLINDER
78			
79	1	KQ2H07-09A	FEMALE UNION
80	1	EPGJ8-4	4mm MALE TO 8mm FEMALE ADAPTER

Important: Always make sure decals are legable and replace as needed.



**CAPACITY
3500 LBS.
1588 Kg.**

NP1670 REV. -

Notes

Installer: Please return this booklet to literature package, and give to lift owner/operator.

Thank You

Trained Operators and Regular Maintenance Ensures Satisfactory Performance of Your Rotary Products.

Contact Your Nearest Authorized Rotary Parts Distributor for Genuine Rotary Replacement Parts. See Literature Package for Parts Breakdown.

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