

M-1500C-HR

Air / Hydraulic

High Rise Motorcycle / ATV Lift

1,500 lb. Capacity



Installation & Operation Manual

WARNING: READ INSTRUCTIONS BEFORE INSTALLING & OPERATING LIFT.

SPECIFICATIONS

Model	M-1500C-HR
Capacity	1500 lbs. (680Kg)
Operating Pressure	90-125 PSI
Lowered Height	6-3/4"
Raised Height	38-1/2"
Platform w/ Side Extensions	88-1/2"L x 50"W
Platform Only	88-1/2"L x 31-1/2"W
Ship Weight	810 lbs.

FEATURES

- 1,500 lbs. Capacity
- Air Hydraulic Operation
- Heavy-Duty Diamond Plate Platform Construction
- Protective Metal Case w/ Handle for Air Hydraulic Pump
- Extra-High Rise Lifting (38-1/2") for Service Operation
- Extra-Wide Main Platform (31-1/2"W), with Side Extensions (50"W)
- High Quality Hydraulic Lifting Cylinder
- Rear Cut-Out for Easy Access to Rear Wheel
- Stabilizer Bar
- Lift Portability with Optional Dolly & Wheel Kit

STANDARD ACCESSORIES

- (2) Side Extensions & Ramps (9.25"W Ea.)
- (2) Rear Service Support Poles
- (1) Motorcycle Vise & Wheel Stop

OPTIONAL ACCESSORIES

- Dolly & Wheel Kit (DLYWHLKIT-2200IEH) provides lift portability.
- 1,100lb Cycle / ATV Jack (M-JACK) provides wheels free service.



READ ENTIRE MANUAL TO COMPLY WITH ALL SAFETY AND SERVICE PRECAUTIONS. DEATH, PERSONAL INJURY AND/OR PROPERTY DAMAGE MAY OCCUR UNLESS INSTRUCTIONS ARE FOLLOWED CAREFULLY.



LIFT IS RECOMMENDED FOR INDOOR USE ONLY.

UNPACKING AND SET-UP

1. Open the crate, then remove items on top of lift.
2. Carefully remove lift from crate.
3. Connect hydraulic hose from the cylinder to the air-hydraulic pump.
4. Connect compressed air supply (90-125 psi) to inlet fitting on backside of the air-hydraulic pump.
5. Press the **P**ressure pedal side of the air-hydraulic pump to raise up lift.
6. Mount front wheel vise, then tighten all the bolts and nuts. (Optional)
7. Mount side extensions with support shafts and ring clips.
8. Mount ramps to rear of lift platform & side extensions
9. Insert the stabilizer bar to front of lift's base frame.
10. Lower lift by raising the safety latch bar, until latch is held in upward position. Followed by pressing the **R**elease pedal side of the pump pedal.
11. Without any load, raise and lower lift several times to remove air from cylinder.



THE LIFT MAY BE DAMAGED AND/OR PERSONAL INJURY MAY RESULT IF THE PRESSURE EXCEEDS THE MAXIMUM 125 PSI RATING

OPERATION & SAFETY INSTRUCTIONS



LOADS MUST BE CENTERED ON PLATFORM AT ALL TIMES. LOADS ALSO MUST BE FIRMLY POSITIONED AND SECURED TO PLATFORM AT ALL TIMES.

1. Only trained persons should operate lift.
2. Center load on platform, not to exceed the 1,500 lbs. maximum weight capacity.
3. Connect to 125 psi maximum shop air to quick disconnect fitting on air-hydraulic pump.
4. To RAISE, depress the **P**RESSURE end of foot pedal on air-hydraulic pump.
5. To LOWER, raise the safety latch bar until cam lock holds the latch bar in an up position, followed by depressing the **R**elease end of foot pedal to lower lift. To STOP lift, position foot pedal to be level. Once the desired working height is obtained, always lower lift to rest on latches to ensure it is locked & secured.
6. Keep hands and tools from under platform and scissor floor path at all times.
7. Lift must be in the fully lowered position when transporting to different locations.
8. The working area should be enough to lift motorcycles & power sport vehicles.
9. Air-hydraulic pump should be positioned at least 2 to 3 feet away from the lift during raising and lowering operation.



WARNINGS

- ❖ Always keep the safety latch bar in position, except when lowering.
- ❖ Keep hands and tools away from the underside of platform.
- ❖ Do not ride the vehicle onto lift.
- ❖ Lift must be in the lowered position when positioning vehicle on platform
- ❖ Foot operated air-hydraulic pump should be at least 2 to 3 feet away from Lift during raising and lowering.
- ❖ Lift is recommended for indoor use only.
- ❖ Do not exceed 125 PSI air supply to air-hydraulic pump

MAINTENANCE

NOTE: All moving parts have been lubricated at the factory but should be double checked & applied, if required. Failure to perform routine maintenance can lead to premature excessive wear, leading to equipment failure.

DAILY:

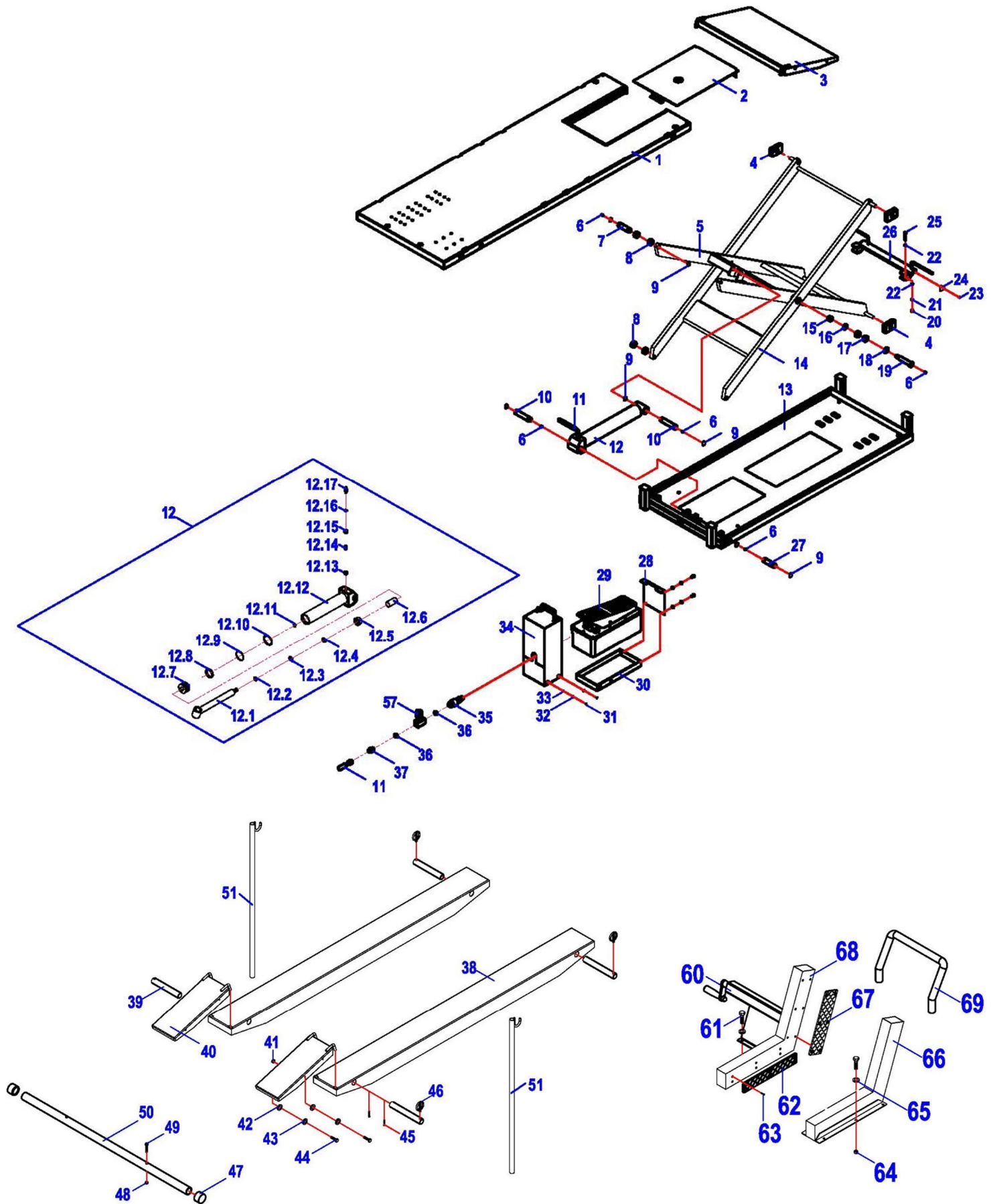
- Always keep bolts tight. Check periodically.
- Always keep the lift & components clean.
- If an oil leakage is observed, contact your service provider.
- Check safety latch bar for free movement and full engagement to latch tabs.

EVERY 6 MONTHS:

- Apply lithium grease to grease zerk fittings to lubrication all lift pivot points.
- Apply lithium grease to underside of main platform for nylon sliders travel path.
- Replace all Caution, Warning, or Safety related decals on the lift if unable to read or missing. Reorder labels from service provider or dealer.



EXPLODED VIEWS



PARTS LIST

ITEM	Tux P/N	M-Ref P/N	DESCRIPTION	QTY
1	M-1500CHR-001	JP18-01000-C00	Platform Assembly	1
2	M-1500CHR-002	JP18-08000-C00	Drop Out Cover	1
3	M-1500CHR-003	JP18-00001-C00	Center Ramp	1
4	M-1500CHR-004	JP18-00003-C00	Nylon Slider Block	4
5	M-1500CHR-005	JP18-02000-C00	Scissor Frame (Inner)	1
6	M-1500CHR-006	JP02-00007-000	Grease Zerk, M6	8
7	M-1500CHR-007	JP24-00002-000	Upper Pivot Pin	2
8	M-1500CHR-008	5603-20025-000	Bearing, D20xD23 x 25mm	8
9	M-1500CHR-009	5304-00020-000	Circlip, D20	12
10	M-1500CHR-010	JP18-00002-000	Cylinder Pin	2
11	M-1500CHR-011	JP08-04004-000	Oil Hose 790	1
12	M-1500CHR-012	JP17-04000-000	Cylinder	1
12.1	M-1500CHR-012.1	JP17-04200-000	Piston Rod Assy.	1
12.2	M-1500CHR-012.2	5901-00190-000	O-Ring	1
12.3	M-1500CHR-012.3	5309-00052-000	Circlip	1
12.4	M-1500CHR-012.4	5906-00300-000	Dust ring	1
12.5	M-1500CHR-012.5	JP08-04005-000	Guide Ring	1
12.6	M-1500CHR-012.6	JP17-04002-000	Position Ring	1
12.7	M-1500CHR-012.7	JP08-04003-000	Piston	1
12.8	M-1500CHR-012.8	JP08-04002-000	Guide Belt	1
12.9	M-1500CHR-012.9	5901-00400-000	O-Ring	1
12.10	M-1500CHR-012.10	5905-00400-000	U-Ring	1
12.11	M-1500CHR-012.11	5304-00025-000	Circlip, D25	1
12.12	M-1500CHR-012.12	JP17-04100-000	Cylinder Body	1
12.13	M-1500CHR-012.13	JP17-04004-000	Plate	1
12.14	M-1500CHR-012.14	QY02-02101-000	Spring	1
12.15	M-1500CHR-012.15	JP17-04005-000	Throttle Valve	1
12.16	M-1500CHR-012.16	5308-00140-000	Copper Washer	1
12.17	M-1500CHR-012.17	JP08-04001-000	Union Connector	1
13	M-1500CHR-013	JP18-03000-C00	Base Frame	1
14	M-1500CHR-014	JP18-05000-C00	Scissor Frame (Inner)	1
15	M-1500CHR-015	5206-00020-000	Lock Nut, M20	2
16	M-1500CHR-016	5302-00020-000	Flat Washer, D20	2
17	M-1500CHR-017	6503-25025-000	Bearing, D25xD28 x 25mm	8
18	M-1500CHR-018	5302-00025-000	Flat Washer, D25	2
19	M-1500CHR-019	JP24-00003-000	Bolt	2
20	M-1500CHR-020	5202-00005-000	Nut, M5	2
21	M-1500CHR-021	5306-00005-000	Lock Washer, D5	2
22	M-1500CHR-022	5301-00005-000	Flat Washer, D5	4
23	M-1500CHR-023	5211-00008-000	Flat Washer, M8	1
24	M-1500CHR-024	JP24-00005-M00	Latch Bar, Cam Plate	1
25	M-1500CHR-025	5110-05030-000	Screw, M5 x 30mm	2
26	M-1500CHR-026	JP18-06000-C00	Latch Bar (Dual Handle)	1
27	M-1500CHR-027	JP18-00001-000	Lower Pivot Pin	2
28	M-1500CHR-028	JP01-08005-000	Pump Cover, Back Plate	1

29	M-1500CHR-029	QY030S-40	Air / Hydraulic Pump	1
30	M-1500CHR-030	JP01-08004-000	Pump Cover, Base	1
31	M-1500CHR-031	5110-06010-000	Hex Bolt, M6 x 10mm	6
32	M-1500CHR-032	5306-00006-000	Lock Washer, D6	6
33	M-1500CHR-033	5301-00006-000	Flat Washer, D6	6
34	M-1500CHR-034	JP01-08000-000	Pump Cover, Top	1
35	M-1500CHR-035	JP17-14000-000	Connector Fitting	1
36	M-1500CHR-036	5903-00014-000	Combined Washer, D14	2
37	M-1500CHR-037	JP17-00012-000	Fitting Extension	1
38	M-1500CHR-038	JP18-00004-C00	Side Extension	2
39	M-1500CHR-039	JP17-00008-000	Connecting Shaft	4
40	M-1500CHR-040	JP18-00002-C00	Side Extension Ramp	2
41	M-1500CHR-041	5202-00008-000	Hex Nut, M8	14
42	M-1500CHR-042	5301-00008-000	Flat Washer, M8	18
43	M-1500CHR-043	5303-00008-000	Lock Washer, D8	4
44	M-1500CHR-044	5104-08025-001	Hex Bolt, M8 x 25mm	14
45	M-1500CHR-045	5105-10030-000	Socket Head Bolt, M10 x 30mm	8
46	M-1500CHR-046	JP04-00005-000	Ring Clip	4
47	M-1500CHR-047	JP17-00010-000	End Cap	2
48	M-1500CHR-048	5206-00006-000	Lock Nut, M6	2
49	M-1500CHR-049	5103-06050-001	Bolt, M6 x 50mm	2
50	M-1500CHR-050	JP17-00009-000	Balance Bar	1
51	M-1500CHR-051	JP17-09000-000	Rear Support Poles	2
57	M-1500CHR-057	JP17-13000-000	Flow Control Valve	1
60	M-1500CHR-060	JP02-08000-000	Threaded Shaft Assy.	1
61	M-1500CHR-061	5104-08025-001	Hex Bolt, M8 x 25mm	14
62	M-1500CHR-062	JP04-00007-000	Rubber Pad, Lower	2
63	M-1500CHR-063	5107-06010-000	Screw, M6 x 10mm	24
64	M-1500CHR-064	5202-00008-000	Hex Nut, M8	14
65	M-1500CHR-065	5301-00008-000	Flat Washer, D8	18
66	M-1500CHR-066	JP02-06000-000	Fixed Clamp	1
67	M-1500CHR-067	JP04-00004-000	Rubber Pad, Upper	2
68	M-1500CHR-068	JP02-07000-000	Moveable Clamp	1
69	M-1500CHR-069	JP17-00011-000	MC / UTV Wheel Stop	1

LIMITED WARRANTY

Structural Warranty:

The following parts and structural components carry a five-year warranty:

Columns	Arms	Uprights	Swivel Pins
Legs	Carriages	Overhead Beam	
Tracks	Cross Rails	Top Rail Beam	

Limited One-Year Warranty:

Tuxedo Distributors, LLC (IDEAL) offers a limited one-year warranty to the original purchaser of Lifts and Wheel Service equipment in the United States and Canada. Tuxedo will replace, without charge, any part found defective in materials or workmanship under normal use, for a period of one year after purchase. The purchaser is responsible for all shipping charges. This warranty does not apply to equipment that has been improperly installed or altered or that has not been operated or maintained according to specifications.

Other Limitations:

This warranty does not cover:

1. Parts needed for normal maintenance
2. Wear parts, including but not limited to cables, slider blocks, chains, rubber pads and pulleys
3. Replacement of lift and tire changer cylinders after the first 30 days. A seal kit and installation instructions will be sent for repairs thereafter.
4. On-site labor

Upon receipt, the customer must visually inspect the equipment for any potential freight damage before signing clear on the shipping receipt. Freight damage is not considered a warranty issue and therefore must be noted for any potential recovery with the shipping company.

The customer is required to notify Tuxedo of any missing parts within 72 hours. Timely notification must be received to be covered under warranty.

Tuxedo will replace any defective part under warranty at no charge as soon as such parts become available from the manufacturer. No guarantee is given as to the immediate availability of replacement parts.

Tuxedo reserves the right to make improvements and/or design changes to its lifts without any obligation to previously sold, assembled, or fabricated equipment.

There is no other express warranty on the Tuxedo lifts and this warranty is exclusive of and in lieu of all other warranties, expressed or implied, including all warranties of merchantability and fitness for a particular purpose.

To the fullest extent allowed by law, Tuxedo shall not be liable for loss of use, cost of cover, lost profits, inconvenience, lost time, commercial loss or other incidental or consequential damages.

This Limited Warranty is granted to the original purchaser only and is not transferable or assignable.

Some states do not allow exclusion or limitation of consequential damages or how long an implied warranty lasts, so the above limitations and exclusions may not apply. This warranty gives you specific legal rights and you may have other rights, which may vary from state to state.

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