

**Air / Hydraulic**  
**High Rise Motorcycle Lift Bench**  
**M-1500C-HR**  
**Capacity 1,500lbs**  
**Installation, Operation & Maintenance**  
**Manual**



**WARNING: READ INSTRUCTIONS BEFORE OPERATING**

## **SPECIFICATIONS**

<b>Model</b>	<b>M-1500C-HR</b>
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	765 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 (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

## **STANDARD ACCESSORIES**

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



**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 the compressed air (90-125 psi) supply to 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 and then tighten all the bolts and nuts. (Optional)
7. Mount side extensions with support rods and securing pins.
8. Mount ramps to rear of lift platform & side extensions
9. Insert the stabilizer bar to rear of lift base.
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, lift and lower the 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, lift safety latch bar until held in place magnetically, followed by depressing the **R**elease end of foot pedal to lower.  
To STOP lift, position foot pedal to be level. Once the desired working height is obtained, always lower lift to rest in the locked & secured position.
6. Keep hands and tools from under platform and scissor floor path.
7. Lift must be in the fully lowered position when moving 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 lift during raising and lowering operation.

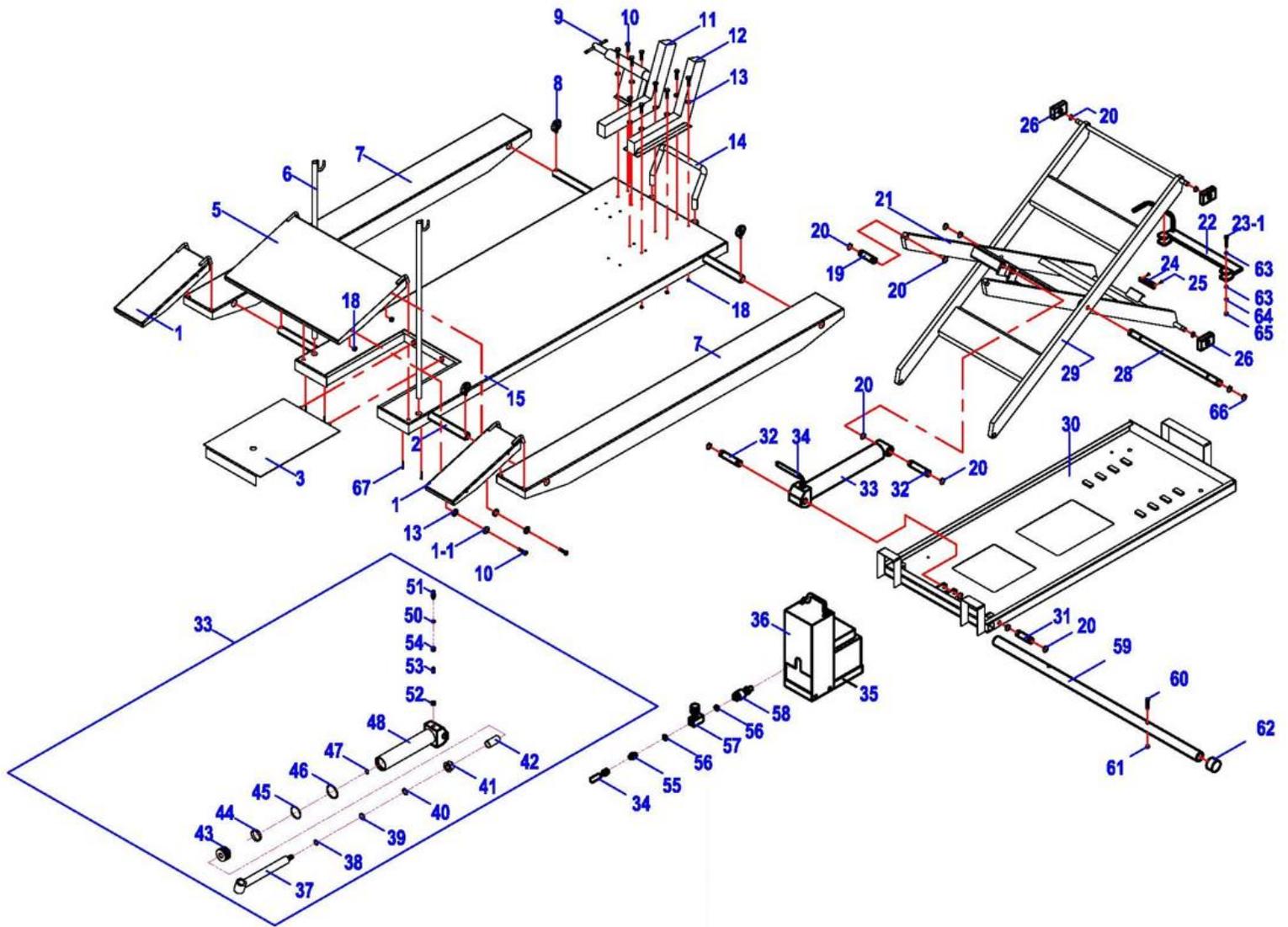
## **MAINTENANCE**

- All moving parts have been lubricated at the factory and should be re-lubricated every (6) months to prevent premature pivot shaft defects.
- Pivot shaft set screws should be checked frequently to be sure they are tight.  
*(These are located at the top end of the inside frame assembly.)*

## **WARNINGS**

- ❖ Always keep safety latch bar in position, except when lowering.
- ❖ Keep hands and tools away from underside of platform.
- ❖ Do not ride vehicle onto lift.
- ❖ Lift must be in the lowered position when positioning vehicle on platform
- ❖ Foot operated air-hydraulic pump should be at least 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

# EXPLODED VIEW



# **PARTS LIST**

<b>ITEM</b>	<b>Tux P/N</b>	<b>M-Ref P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>
1	M-1500CHR-001	JP17-00006-000	Side Extension Ramp	2
1-1	M-1500CHR-001.1	5303-00008-000	Spring Washer	4
2	M-1500CHR-002	JP17-00008-000	Connecting Shaft	4
3	M-1500CHR-003	JP17-08000-000	Drop Out Cover	1
5	M-1500CHR-005	JP17-00001-000	Center Ramp	1
6	M-1500CHR-006	JP17-09000-000	Rear Support Poles	2
7	M-1500CHR-007	JP17-00005-000	Side Extension	2
8	M-1500CHR-008	JP04-00005-000	Ring Clip	4
9	M-1500CHR-009	JP02-08000-000	Threaded Shaft Assy.	1
10	M-1500CHR-010	5104-08025-001	Hex Bolt	14
11	M-1500CHR-011	JP02-07000-000	Moveable Clamp	1
12	M-1500CHR-012	JP02-06000-000	Fixed Clamp	1
13	M-1500CHR-013	5301-00008-000	Flat Washer	18
14	M-1500CHR-014	JP17-00011-000	MC / UTV Wheel Stop	1
15	M-1500CHR-015	JP18-01000-000	Platform Assembly	1
18	M-1500CHR-018	5202-00008-000	Hex Nut	14
19	M-1500CHR-019	JP17-00002-000	Spindle 1	2
20	M-1500CHR-020	5304-00020-000	Circlip	16
21	M-1500CHR-021	JP17-02000-000	Scissor (Inner)	1
22	M-1500CHR-022	JP17-06000-000	Locking Bar	1
23-1	M-1500CHR-023.1	5110-05035-000	Bolt, M5 x 35mm	2
24	M-1500CHR-024	JP08-00009-000	Magnet	2
25	M-1500CHR-025	5103-03010-000	Hex Bolt, M3 x 10mm	4
26	M-1500CHR-026	JP08-00008-000	Nylon Slider Block	4
28	M-1500CHR-028	JP17-00007-000	Spindle 4	1
29	M-1500CHR-029	JP17-05000-000	Scissor (Outer)	1
30	M-1500CHR-030	JP17-03000-000	Platform	1
31	M-1500CHR-031	JP17-00003-000	Spindle 2	2
32	M-1500CHR-032	JP17-00004-000	Spindle 3	2
33	M-1500CHR-033	JP17-04000-000	Cylinder	1
34	M-1500CHR-034	JP08-04004-000	Oil Hose 79+	1
35	M-1500CHR-035	QY030S-40	Air Foot Pump	1
36	M-1500CHR-036	JP01-08000-000	Pump Cover Assy.	1
37	M-1500CHR-037	JP17-04200-000	Piston Rod Assy.	1
38	M-1500CHR-038	5901-00190-000	O-Ring	1
39	M-1500CHR-039	5309-00052-000	Circlip	1
40	M-1500CHR-040	5906-00300-000	Dust Ring	1
41	M-1500CHR-041	JP08-04005-000	Guide Ring	1
42	M-1500CHR-042	JP17-04002-000	Position Ring	1
43	M-1500CHR-043	JP08-04003-000	Piston	1
44	M-1500CHR-044	JP08-04002-000	Guide Belt	1
45	M-1500CHR-045	5901-00400-000	O-Ring	1
46	M-1500CHR-046	5905-00400-000	U-Ring	1
47	M-1500CHR-047	5304-00025-000	Circlip	1

48	M-1500CHR-048	JP17-04100-000	Cylinder Body	1
50	M-1500CHR-050	5308-00140-000	Copper Washer	1
51	M-1500CHR-051	JP08-04001-000	Union Connector	1
52	M-1500CHR-052	JP17-04004-000	Plate	1
53	M-1500CHR-053	QY02-02101-000	Spring	1
54	M-1500CHR-054	JP17-04005-000	Throttle Valve	1
55	M-1500CHR-055	JP17-00012-000	Extension	1
56	M-1500CHR-056	5903-00014-000	Combined Washer, D14	2
57	M-1500CHR-057	JP17-13000-000	Flow Control Valve	1
58	M-1500CHR-058	JP17-14000-000	Connector	1
59	M-1500CHR-059	JP17-00009-000	Balance Bar	1
60	M-1500CHR-060	5103-06050-001	Bolt, M6 x 50mm	2
61	M-1500CHR-061	5206-00006-000	Lock Nut, M6	2
62	M-1500CHR-062	JP17-00010-000	Sleeve	2
63	M-1500CHR-063	5301-00005-000	Flat Washer, D5	4
64	M-1500CHR-064	5306-00005-000	Spring Washer, D5	2
65	M-1500CHR-065	5202-00005-000	Nut, M5	2
66	M-1500CHR-066	5304-00025-000	Circlip, D25	2
67	M-1500CHR-067	5105-10030-000	Inner Hex Bolt	8

## **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 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.

8320 E Hwy 67, Alvarado, TX 76009  
Ph. 817-558-9337 / Fax 817-558-9740