

MOTORCYCLE / ATV LIFT

CAPACITY 1500LBS (680KG)

Model **M-1500C-HR**

(KERNEL243292)

OPERATION INSTRUCTION

(Second edition)



2009.May

SPECIFICATIONS

Model	M-1500C-HR / (243292)
Capacity	1500lbs (680Kg)
Operating Pressure	0.8-1.0Mpa (116-145psi)
Lowered Height	6-11/16" (170mm)
Raised Height	38-1/2" (980mm)
Platform (L x W) (with extension)	88-9/16" * 31-1/2" (2250mm * 800mm) 88-9/16" * 50" (2250mm * 1270mm)
Shipping weight (with extension)	462lbs (210Kg) 616lbs (280Kg)

FEATURES:

- Made of Heavy-Duty Diamond Plate
- Professional Air Hydraulic Pump with Protective Case
- Extra-High 980mm (38-1/2") for Easy Service Operation
- Extra-Wide Platform 800mm (31-1/2"). 1270mm (50") with Side Extensions
- Single Hydraulic Lifting Cylinder
- Cut-Out for easy access to rear wheel

STANDARD ACCESSORIES

- (1) 9-1/4" (235mm) side extensions.
- (2) Approach ramps for side extensions
- (3) Four connecting rods to support the side extension.
- (4) Set of pins to secure the rods
- (5) Rear poles for fixing the motorcycle on platform
- (6) Front Wheel Vise

ASSEMBLING

- (1) Open the carton. Remove lift.
- (2) Connect the hose from the cylinder to the air-hydraulic pump.
- (3) Connect the compressed air (Max 100 psi) supply to the air-hydraulic pump.
- (4) Press the pedal of the air-hydraulic pump to raise up the lift.
- (5) Put on the front wheel vise and then tighten all the bolts and nuts. (optional)
- (6) Put on the side extensions with rods and securing pins. Remember to insert the balance bar. (optional)
- (7) Lower the lift by raising the safety bar and releasing the pump pedal. Then put on all the ramps.
- (8) Without any load, lift and lower the lift several times to remove air from cylinder.

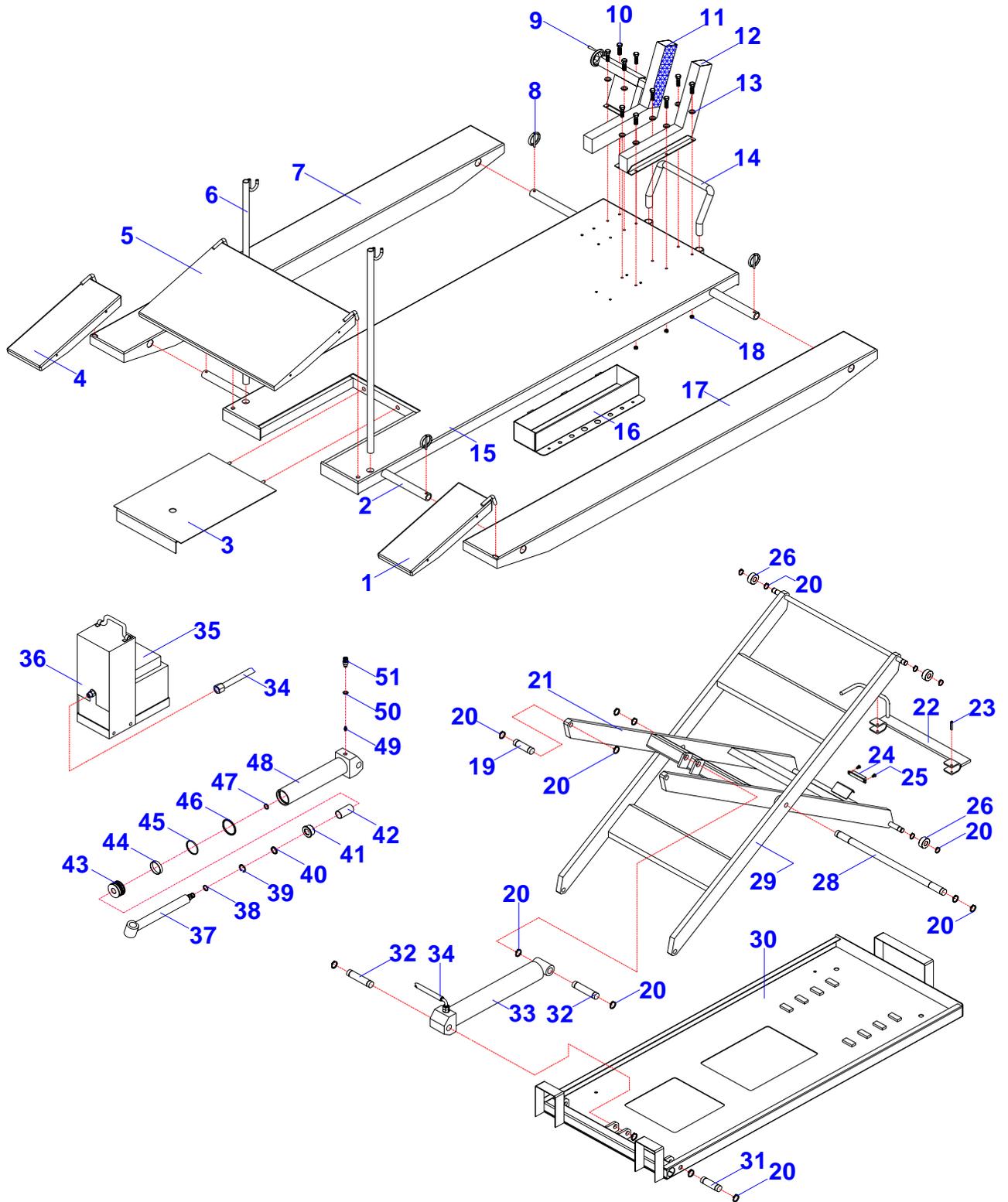
OPERATION

1. Loads must be centered on platform at all times.
2. Loads must be firmly positioned and secured on platform at all times.
3. All moving parts have been lubricated at the factory and should be re-lubricated every (6) months.
4. 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.

WARNING

1. Keep safety bar in position at all times – except when lowering.
2. Keep hands and tools from under carriage.
3. Do not ride vehicle onto lift.
4. Lift must be in the lowered position when moving.
5. Foot operated AIR-HYDRAULIC pump should be at least 3 feet away from Lift during raising and lowering.
6. Lift is recommended for indoor use only.

PARTS DRAWING



PARTS CODE LIST

ITEM	DESCRIPTION	QTY
1	Small ramp(Right)	1
2	Connecting shaft	4
3	Small platform assy	1
4	Small ramp(Left)	1
5	Ramp	1
6	Support shaft assy	2
7	Side extension(Left)	1
8	Position pin	4
9	Thread shaft assy	1
10	Hex bolt	14
11	Fixed plate assy(1)	1
12	Fixed plate assy(2)	1
13	Flat washer	14
14	Limit shaft	1
15	Platform assy	1
16	Tool box	1
17	Side extension(Right)	1
18	Hex nut	14
19	Spindle(1)	2
20	Elastic washer	18
21	Frame assy(1)	1
22	Safety assy	1
23	Elastic spindle	2
24	Magnet	1
25	Hex bolt	2
26	Idler wheel	4
28	Spindle(4)	1
29	Frame assy(2)	1
30	Underframe assy	1
31	Spindle(2)	2
32	Spindle(3)	2
33	Cylinder assy	1
34	Oil hose	1
35	Gear pump	1
36	Gear pump cover assy	1
37	Piston rod assy	1
38	O-ring	1
39	Elastic washer	1
40	Dust ring	1

ITEM	DESCRIPTION	QTY
41	Cylinder cover	1
42	Position ring	1
43	Piston	1
44	Guide ring	1
45	O-ring	1
46	U-ring	1
47	Elastic washer	1
48	Cylinder jointing assy	1
49	Throttling valve assy	1
50	Red copper washer	1
51	Union	1