



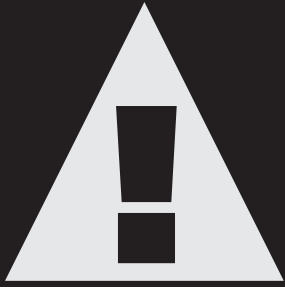
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SPECIFICATIONS

Capacity	2,500 lbs
Low Lift Height	33.00"
High Lift Height	76.50"
Length	48.00"
Width	33.00"
Height	33.00"
Casters	8.00"
Table Size	19.70" x 32.50"
Weight	515 lbs



WARNING:

Read all instructions and safety warnings before operating this equipment. Failure to follow the instructions and safety warnings may result in personal injury or property damage.



WARNING

The use of portable automotive lifting devices is subject to certain hazards that cannot be prevented by mechanical means, but only by the use of care and common sense. It is essential to have qualified personnel involved in the use and operation of this lifting equipment that have been trained and qualified in its safe operation and proper use. Examples of hazards are dropping, tipping, or slipping of motor vehicles or any of their components caused by improperly securing loads, overloading, off-centered loads, use on poor surfaces, and/or using the equipment for a purpose for which it was not designed. It is the responsibility of the owner and operator to study and understand this product and follow the safety instructions prior to operating this equipment. If the operator is not fluent in English the product and safety instructions shall be read and discussed in the operator's native language by the purchaser, owner, or his designee.

A copy of these instruction/warnings should be kept intact and located in a convenient location for future reference. If the manual is lost or not readable contact American Forge & Foundry for a digital copy.

- Inspect the lift table before each use. Do not use the lift table if it is damaged, altered, modified, in poor condition, leaking hydraulic fluid, leaking air, or unstable due to loose or missing hardware. Take corrective action before proceeding.
- Use of this lift table is limited to the removal, installation, and transportation (in the lowered position) of transmissions, transfer cases, and engines. Consult the vehicle manufacturer for the component's center of balance. Off center loads can cause lift failure and/or loss of load.
- Make sure quick disconnect fittings are correctly and completely fastened together. Quick disconnect couplers should be hand tightened only.
- Do not exceed 120 PSI input air pressure.
- Never attempt to disconnect couplers while system is under pressure.
- Do not drop heavy objects on the foot pump hose.
- Keep hose away from sharp objects and eliminate abrasion.
- Do not lift table beyond its rated capacity of 2,500 lbs. Do not lift or support the vehicle with this lift table.
- Use only on a hard level surface.
- Fuel tanks must be emptied before removal, installation, or transport.



WARNING (continued)

- Adequately support the vehicle before starting repairs. Consult the in ground or above ground lift manufacturer for the recommended support procedure and under hoist support stand locating points.
- Support the engine with a stand before unbolting the transmission from the engine.
- Never remove, install, or transport any component without first tightly securing it to the universal saddle.
- Do not move the lift table when the load is raised. Always lower the load completely before moving, storing, or using as a work table.
- Do not stand under a load that is raised by the lift table.
- No alterations shall be made to the lift table.

SETUP

1. Refer to the exploded parts drawing for identification, location, and position of parts.
2. Use at least 1-1/2 wraps of Teflon tape (or suitable sealant) on all hose fitting threads. Make sure the first complete thread is free from tape or sealant so they do not enter and contaminate the hydraulic system.
3. The air quick disconnect configuration of your choice can be installed in the threaded hole underneath the foot pedal.
4. Install the hydraulic hose into the pump manifold's threaded hole. Thread the hose fitting into the pump manifold's threaded hole and turn until snug.
5. To prevent oil leak during transit a metal knob has been installed and tightened on the foot pump. Loosen the metal knob counterclockwise before first use.
6. Connect the air supply line to the foot pump. For best results air supply should be 5-10 CFM at 100 PSI and equipped with an air filter. Do not exceed 120 PSI.
7. The power train lift table is equipped with a universal saddle for better versatility.



WARNING:

Ensure that you read and understand all safety instructions and warnings before use.

OPERATING INSTRUCTIONS

1. **IMPORTANT:** Become familiar with the pedal operation of the air/hydraulic foot pump before using the lift table under load. Stepping on the PUMP end of the foot pump pedal will engage the pump and raises the lift table under load. To raise the saddle a small distance it is necessary to use incremental taps of your foot on the foot pedal until the saddle reaches the height. Lowering the saddle is accomplished by depressing the RELEASE end of the foot pump.
2. Lift the vehicle to the desired work height and support the vehicle in accordance with the manufacturer's recommended support procedure and the warnings given in this manual.
3. Follow the manufacturer's recommended service procedure for removing and installing the component.
4. When removing a transmission use an under hoist stand rated greater than the weight of the engine before unbolting the transmission from the engine.
5. Position the lift table directly under the component to be lifted. Connect shop air supply to the air/hydraulic foot pump. Use minimum 90 PSI air pressure and do not exceed 120 PSI.
6. Depress the air/hydraulic pump foot pedal marked "PUMP" to raise the lift table saddle to a height very close to the center of balance point of the component but do not touch it.
7. **IMPORTANT:** The Power Train Lift/Table is equipped with mechanical safety latches that will help hold the unit in place at 30%, 60%, and 80% of the lift range. Refer to the parts drawing for location of the latches.
8. Depress the locking levers on the caster wheels to prevent the unit from moving.
9. Using the universal table adjust the blocks to fit the component configuration. Secure the blocks to the universal table by tightening the wingnuts under the table.
10. Adjust the tilt screws in order to align the saddle with the components lift surface. Gently raise the lift table saddle to support the component.
11. To lower the load depress the air/hydraulic foot pump marked RELEASE and make sure the lift table's saddle and load do not interfere with any other undercar or undertruck components, wiring, fuel lines, brake lines, etc.
12. Follow the vehicle manufacturer's recommended service procedures and this manual's operating instructions when reinstalling the component.

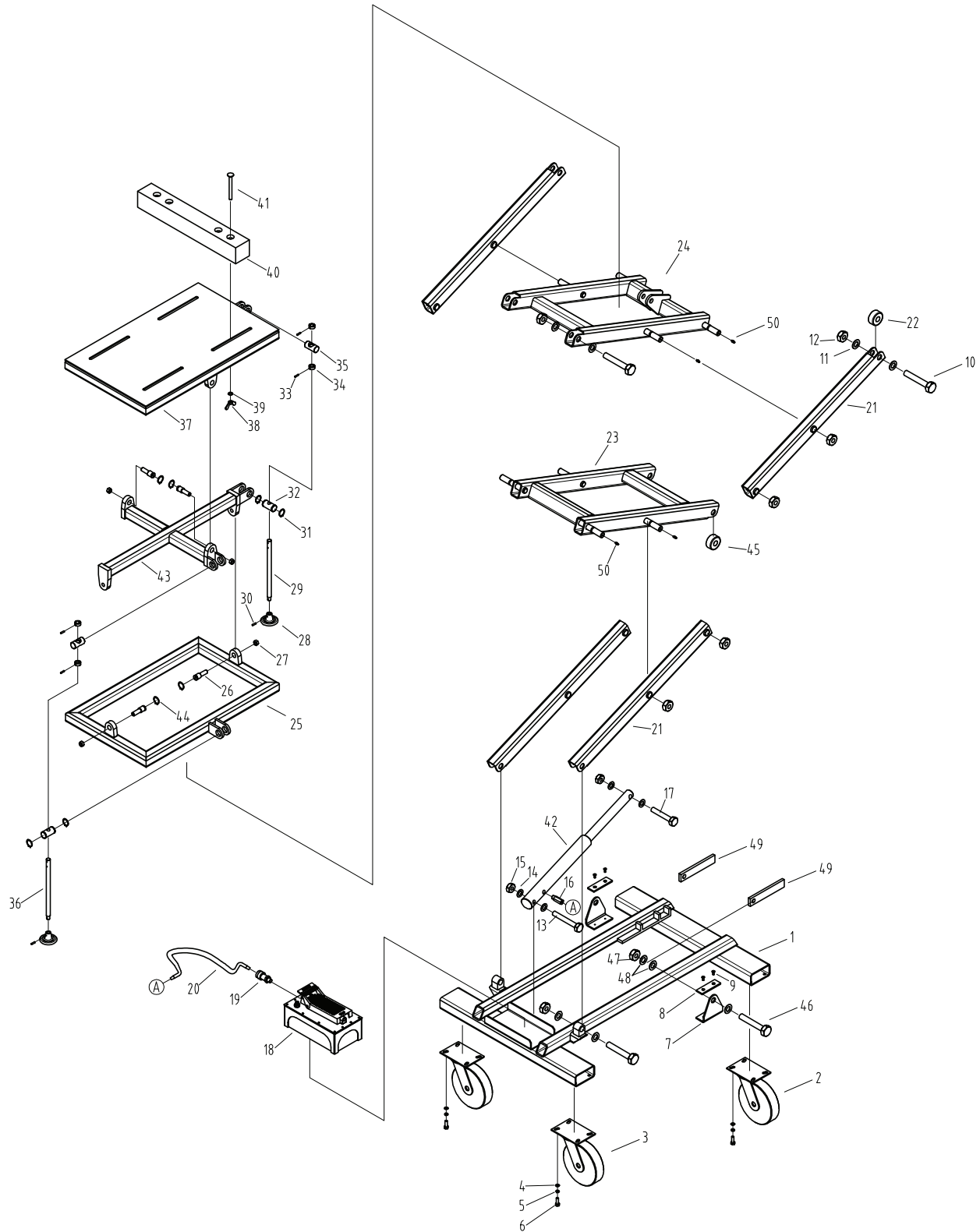


PREVENTATIVE MAINTENANCE

1. Always store the lift table in a well protected area where it will not be exposed to inclement weather, corrosive vapors, abrasive dust, or any other harmful elements. The lift table must be free of water, snow, sand, and debris before using.
2. Leave hydraulic hose in the carton until needed.
3. Lubricate moving parts regularly with a general purpose grease. Inspect all lift arms, saddle base, and cylinder assemblies.
4. Use a mild soap solution to wash external surfaces of the lift table but avoid any moving hydraulic components.
5. Inspect the lift table before each use. Do not use the lift table if any component is cracked, broken, bent, or leaks hydraulic fluid. Do not use the lift table if it has loose or missing hardware, components, or has been modified in any way. Take corrective action prior to using.
6. Do not attempt to make any hydraulic repairs unless you are a qualified hydraulic repair person that is familiar with this equipment.
7. For best results change hydraulic fluid once per year.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Application will not extend, move, or respond to pressurized fluid	- Overload condition - Release valve not closed	- Remedy overload condition - Ensure release valve is closed
Application responds to pressurized fluid but system does not maintain pressure	- Overload condition - Release valve not closed - Hydraulic unit malfunction	- Remedy overload condition - Ensure release valve is closed
- Application will not return fluid to pump - Cylinder will not retract	- Malfunctioning coupler - Reservoir overfilled	- Secure load by other means. Open release valve, depressurize pump and hose, remove coupler and replace - Secure load by other means. Open release valve, depressurize pump and hose, and drain fluid to proper level
Application will not fully extend	Fluid level low	Secure load, depressurize pump, and ensure proper fluid level
Unit will not lower	Safety latches are in use	Lower safety latches
Poor performance	Air trapped in system	Allow pressurized reservoir air to escape
Unit still does not operate		Contact an AFF authorized repair depot





PARTS LIST

NO.	Description	Qty	NO.	Description	Qty
1	Base Assembly	1	26	Axle	4
2	Caster	2	27	Lock Nut	4
3	Caster with locker	2	28	Hand Wheel	2
4	Washer	16	29	Screw A	1
5	Washer	16	30	Pin	2
6	Bolt	16	31	Snap Ring	4
7	Plate	2	32	Axle	2
8	Anti-wear Block	2	33	Pin	4
9	Bolt	4	34	Bush	4
10	Bolt	6	35	Shaft	2
11	Washer	14	36	Screw B	1
12	Lock Nut	14	37	Saddle	1
13	Bolt	1	38	Wing Nut	4
14	Washer	4	39	Washer	4
15	Lock Nut	2	40	Square Wooden bar	2
16	Flow Valve Block	1	41	Bolt	4
17	Bolt	1	42	Cylinder	1
18	Hydraulic pump	1	43	Support Plate	1
19	Coupler	1	44	Snap Ring	4
20	Hose	1	45	Wheel	2
21	Pillar	4	46	Bolt	2
22	Movable Pulley	2	47	Lock Nut	2
23	Lift Seat B	1	48	Washer	6
24	Lift Seat A	1	49	Support bar	2
25	Saddle Base	1	50	Injectors	8



1 YEAR LIMITED WARRANTY

AMERICAN FORGE & FOUNDRY, INC. WARRANTS, to the final purchaser, jacks and related service equipment distributed by it to be free from defects in material and workmanship for a period of 1 year from date of sale. This warranty covers American Forge & Foundry and Viking branded products.

If a jack or related equipment is determined to be defective during the warranty period, it will be repaired or replaced without charge provided that the equipment is shipped, transportation charges prepaid and with proof of purchase to American Forge & Foundry, Inc. or to a designated field service depot.

This warranty does not apply to parts damaged from accident, overload, or abuse, nor does it apply to product which has been altered or used with special attachments other than recommended by the distributor or equivalent.

THERE ARE NO OTHER WARRANTIES OF ANY SORT, EXPRESS OR IMPLIED, AND SELLER SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR ANY PARTICULAR PURPOSE. THE SELLER'S SOLE OBLIGATION, WHICH SHALL REPRESENT THE BUYER'S SOLE EXCLUSIVE REMEDY, SHALL BE TO REPAIR OR AT THE SELLER'S OPTION TO REPLACE ANY PRODUCT OR PART DETERMINED TO BE DEFECTIVE AS AFOREMENTIONED. IN NO EVENT SHALL THE SELLER BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR OTHER DAMAGES OF A SIMILAR PRODUCTION TIME, OR LOSS OR EXPENSES OF ANY NATURE, INCURRED BY THE BUYER OR ANY THIRD PARTY.

For warranty information call American Forge & Foundry toll free at (800) 255-0555