








Assistive Technology Products for Tractor, Equipment, & Other Vehicle Lifts

Item	Purpose	Picture	Website or Source	Price
Ajility Lift Atom-Jet Industries	Designed to be mounted in the back of a standard 1/2-ton or 3/4-ton pickup truck. Offers disabled users the ultimate safety, versatility and independence. Platform-mounted control switches and a carry-along radio remote control unit, mean anyone can learn to operate the AJLity Lift – completely un-assisted. The AJLity Lift’s smooth, hydraulic operation allows for infinite movement and delicate maneuvering up to a height of 7 feet, 8 inches and a lateral distance of 10 feet, 11 inches.		http://ajilitylift.atomjet.com/about/	\$45,000 plus install
Pilot Lift Life Essentials	Seat lift that is attached to the outside of a vehicle, such as a tractor or combine. It is made especially for taller vehicles that do not allow easy access to the driver’s seat. The user sits in the lift and operates the controls from there.		Call: (765) 563 3158 http://www.lifeessentialsweb.com/Products/ProductsDetailsPage/tabid/101/ArticleID/48/Pilot-Lift.aspx	\$8,000- \$10,000
Flatbed Pick-up Pilot Lift Life Essentials	Mounts onto an existing flat bed on a truck or we can provide a steel or aluminum bed. The truck must be 3/4 ton or larger model for safety reasons. The lift, when stowed, takes up approximately 18” behind the cab of the truck. This leaves the rest of the bed for a fifth wheel hitch, storage boxes, or a hydra bed with hay bale carrier. The lift operates with a hydraulic lift pump for the up and down motion and 12V gear motors for the seat arms motion. It is controlled with a radio remote system. Approximate Reach: 12’ High 14’ Reach (with telescoping Arm option)	 	Phone: 765-563-3158 Email: lifeessentialssales@earthlink.net http://www.lifeessentialsweb.com/Products/ProductsDetailsPage/tabid/101/ArticleID/57/Flatbed-Truck.aspx	\$18,500.00
Chip Petrea’s Forklift-Style Platform Lift	Enables farmer to gain access to the operator's station of his International Harvester 186 Hydrostatic tractor. He rides the lift standing up; however, it could be adapted for one in a wheelchair if the platform were enlarged. A 12-volt electro-hydraulic system allows lift operation without the tractor running, multiple control locations (i.e., at ground level, at the operator's station, and on the lift platform), and controlled descent should the hydraulics fail. The hydraulic system utilizes one single-acting cylinder to raise lift platform like forklift. The lift does not prevent others from using the tractor because cab steps and door are on the opposite side.		www.braunability.com Email referrals@braunlift.com Phone: 800-843-5438 OR 574-946-4139 http://ntw2011.agrability.org/Toolbox/solution.cfm?solution=509	n/a

<p>Al Copeland's Forklift-Style Platform Lift</p>	<p>Mounted on farmer's John Deere 4440 tractor in place of the steps. A hydraulic cylinder raises the lift and gravity lowers it. Two vertical bars bolted to the tractor frame extend above the tractor's exhaust manifold and are tied into the engine housing for support. The lift's moving frame consists of 4-foot-long vertical slides that travel inside the lift guide tubes, with arms extending through the guide tube slots to hold a 15-inch by 31-inch platform.</p>		<p>http://ntw2011.agrability.org/Toolbox/solution.cfm?solution=508</p>	<p>n/a</p>
<p>Don Skinner's Tractor Chair Lift</p>	<p>Mounted on farmer's International Harvester tractors. An inclined track is fastened to each tractor, and a cable winch pulls a seat up and down the track. This type of lift is best suited to tractors that have steps and doors on both sides of the cab because the lift does obstruct access and visibility on the side where it's mounted. The inclined track that guides the lift seat to cab height is a 6-inch-wide inverted channel fastened to a mounting frame at the bottom and the tractor's fender at the top. The lift's moving frame consists of the seat mounted on a bearing plate with rollers underneath that ride up and down the track. Also, removal of the tractor's doorstop lets the lift-side door open fully, making operator transfer easier. A 12-volt DC electric cable winch, powered by the tractor battery and controlled by a hand-held solenoid switch, is mounted to the upper edge of the moving frame so as to travel up and down the track with the seat.</p>		<p>http://ntw2011.agrability.org/Toolbox/solution.cfm?solution=504</p>	<p>\$44.50</p>
<p>Electric Winch Platform Lift</p>	<p>Mounted on a John Deere 4430 tractor. Simple construction and relatively low cost. Disadvantages - Steps leading to the cab have to be removed to install the lift, interfering with normal access, the lift partially obstructs the operator's view on the left side, and because its frame extends below the tractor's main framework, the lift could be damaged or cause some crop damage. The lift's mounting frame was constructed from a steel plate bolted to the tractor, with a horizontal beam extending from it 8½ inches. The expanded-steel lift platform had a 14-inch-long steel plate welded vertically to one side so it could slide between the Uni-strut track slots. A 12-volt DC electric cable winch, mounted on the top of the vertical steel channel, powers the lift by pulling the platform's steel plate slide up and down the track. A self-centering remote control switch, mounted on a vertical square tube on the platform, operates the lift.</p>		<p>Email: bng@ecn.purdue.edu Phone: 800-825-4264 http://ntw2011.agrability.org/Toolbox/solution.cfm?solution=510</p>	<p>\$44.50</p>
<p>EZ Rizer Lift</p>	<p>The EZ Rizer Lift and the Liberty Lift are both platform-type seat lifts that elevate one from the level of his wheelchair to the level of the pickup truck or all-terrain vehicle seat. The lift platform, which can be installed on either side of the vehicle, facilitates easy transfer. Once the person is off the lift seat, it is folded up against the side of the vehicle seat. Both lifts are electrically powered from the vehicle's 12-volt battery and have a 300-pound rated load capacity.</p>		<p>http://ntw2011.agrability.org/Toolbox/solution.cfm?solution=633</p>	<p>\$3,000.00</p>

<p>Mark II Chair Lift</p>	<p>The Mark II Chair Lift, which utilizes an electric linear actuator-powered parallelogram linkage, has wide application on tractors that have low operator station height. This type of device is probably not feasible for tractors or combines that require greater vertical lift, because a much larger parallelogram linkage and longer linear actuator would have to be used. The parallel linkage is a pinned, 30-inch by 18-inch rectangular frame that pivots at each joint. An electric linear actuator is positioned diagonally in the parallelogram and operates directly off the tractor's battery. A 12-volt DC motor, drawing up to 18 amps, drives the actuator to raise/lower the seat while keeping it horizontal.</p>		<p>http://ntw2011.agrability.org/Toolbox/solution.cfm?solution=505</p>	<p>n/a</p>
<p>Matt Reynolds' Chair Lift</p>	<p>Mounted on a Ford 8000 tractor. This versatile inclined-track lift does not interfere with use of the tractor by others but does partially obstruct one's view on the tractor's left side. A lower mounting bracket is bolted to the tractor frame and extends horizontally to support the end of a Uni-strut track. The lift seat is mounted to a small swing arm on the bearing plate so it can pivot close to the tractor operator's seat when transferring. A stationary 12-volt DC cable winch, fastened to the top of the Uni-strut track, pulls the lift seat up the track. The winch is rated at 2,500 pounds pulling capacity, speed of 5 feet per minute, and draws 25 amps of current. The lift is controlled with a remote, self-centering switch mounted on the lift seat.</p>		<p>http://ntw2011.agrability.org/Toolbox/solution.cfm?solution=503</p>	<p>n/a</p>
<p>Portable Pilot Lift</p>	<p>Trailer-mounted lift allows the user access to multiple pieces of equipment. Powered by an onboard battery with its own charger. Can lift up to 300 pounds. The lift arm is radio remote-controlled and can take the user 10 feet high and 230 degrees around the lift mast.</p>		<p>Phone: 765-563-3158 Email: lifessentialsales@earthlink.net www.lifessential.com http://ntw2011.agrability.org/Toolbox/solution.cfm?solution=516</p>	<p>\$12,800.00</p>
<p>Swift Lift Crane</p>	<p>The Swift Lift Crane will easily lift your scooter or wheelchair into your truck with remote controlled electric crane. Lifts up to 1,000 lbs.</p>		<p>Phone: 877-214-9494 Email: dennis@swiftliftcranes.com http://www.swiftliftcranes.com/scooters&wheel.html</p>	<p>\$1,900.00</p>
<p>Dale Bronk's Portable Chair Lift</p>	<p>Made from commercially modified trailer-mounted, telescoping-boom lift. The original bucket mounted on the telescoping boom was modified to form a chair by removing the bucket's front and part of its right side, mounting a seat in the right side, and adding a seatbelt and footrest. The lift is powered by a 12-volt DC, electrically operated hydraulic system, with the hydraulic pump and reservoir mounted in a protective bracket next to the cylinder that raises and lowers the boom. A motor on the lift trailer pivots the boom from side to side, and a second hydraulic cylinder inside the boom moves the telescoping tube in and out. Operation of the chair lift requires two people.</p>		<p>http://ntw2011.agrability.org/Toolbox/solution.cfm?solution=514</p>	<p>n/a</p>

<p>Coach Lift Person Lift</p>	<p>Coach Lift Person Lifts are available for farming, construction machinery and transport trucks. Both the chair option and the platform option are available, depending on the ability of the user. To determine the length of tube needed for each application, measure the height from the ground to the standing platform or seat of the vehicle. Custom Coach Lift tubes are available up to 12 feet long.</p>		<p>http://ntw2011.agrability.org/Toolbox/solution.cfm?solution=514 http://www.coachlift.com/farm-lift/</p>	<p>\$4,500.00</p>
<p>AT Electric Jib Crane</p>	<p>Electric Jib Cranes can be bought from multiple manufacturers and are easy to use to fit lifting and moving requirements of the individual.</p>		<p>http://jibcranewarehouse.com/?gclid=CKyF_82I-bsCFbB9Ogod318AmQ</p>	<p>\$1,000- \$20,000</p>

If you have questions or need help locating any of these products, please contact us at:

North Carolina AgrAbility Partnership

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