

FENTON

InnovateElevate



SPECIFICATION GUIDE

InnovateElevate

Through ingenuity and dedication, our goal at FENTON is to lift up our customers, our partners and our employees by developing and manufacturing safe, innovative, leading edge technologies in mobility. We find ways to work smarter not harder; to overcome obstacles; to identify not only the current need, but to anticipate the needs of the future. Most importantly, we work to take you where you want to go by building the solutions together. Where once you couldn't, now you can. Because we believe there is always a solution, it just takes the determination to get there. Our mission is to help you get there.



Scott Fenton, President





FENTON

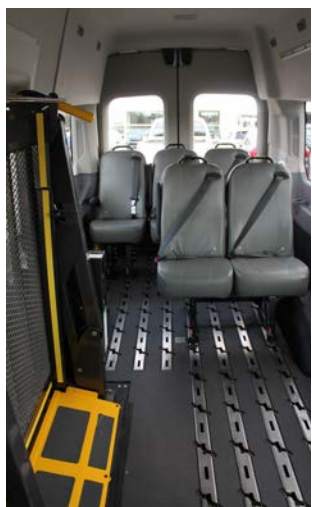
(716) 484-7014 EXT. 903

ABILITRAX.COM

INFO@FENTONMOBILITY.COM



Let
FENTON
Products
transform your
fleet



ABILITYBUS



SHIFT-N-STEP

FENTON

Our FENTON product line consists of the following...

Modular Track System



Seating



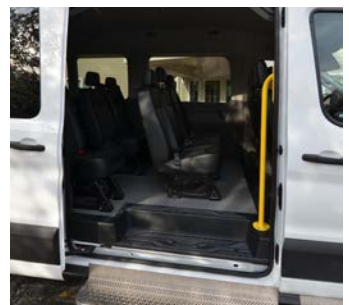
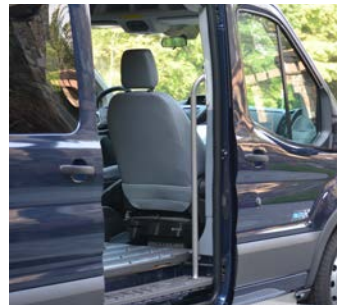
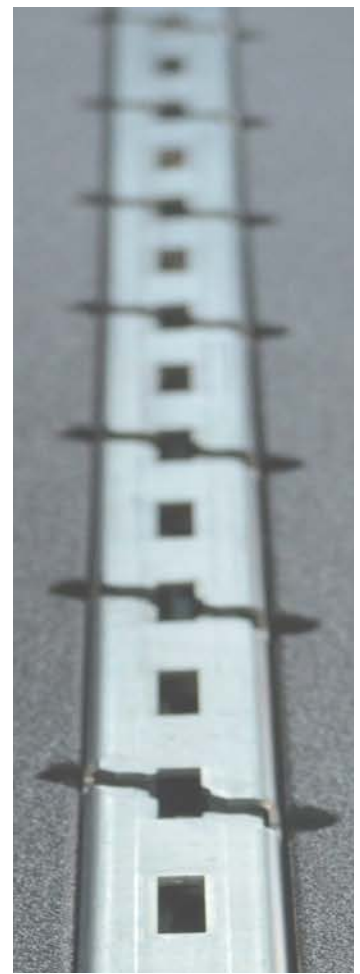
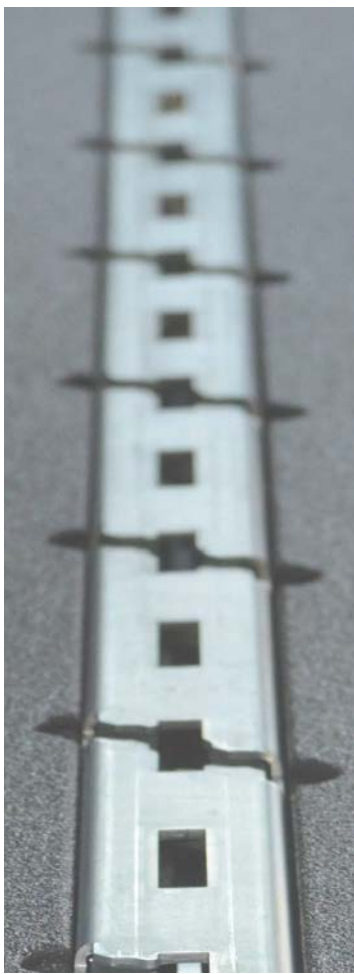
Dual Entry Ambulatory & Wheelchair Lift System

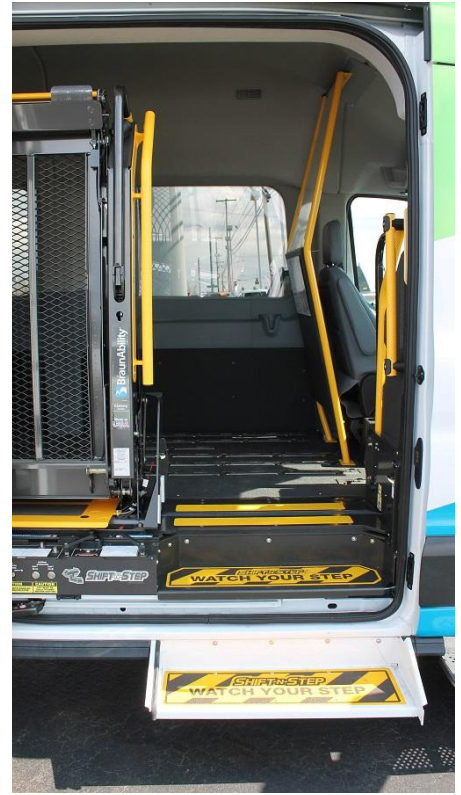


Standing Lift System



and more...





FENTON

Manufacturer Certifications

- FENTON Mobility Products is a FTA Approved TVM
- All FENTON Products are FMVSS Compliant including all AbiliTrax Seating Systems
- All FENTON Lift Kits including Shift-N-Step are ADA Compliant meeting FMVSS 404
- FENTON Mobility Products is a Ford Motor Company approved QVM
- FENTON Mobility, AbiliTrax and Shift-N-Step are currently on multiple FTA funded vehicle procurements
- FENTON Products meet all FTA Buy America Regulations



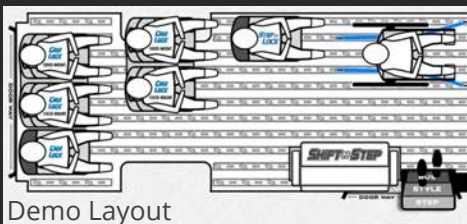
Chosen for RGRTA's Soon To Launch On Demand Program

FENTON

ABILITYBUS^{EL}

The New Light Duty Bus

FTA Buy America Compliant
 34" Wide Lift / 1,000 lb. Lift Capability
 Retains All Ford Factory Warranties
 Max 10 Ambulatory Seating
 Max 4 Wheelchairs



Demo Layout

AbilityBusEL Demo #49420 features the following products:

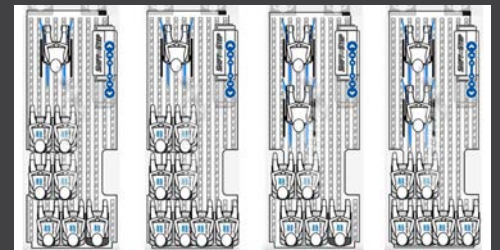
- Ford Transit U4X, 148" Ext. Wheelbase, Dual Rear Wheel
- ***Operator Entrance Package with Grab Bar and Heat Relocate (NEW!)**
- Driver Barrier Protection Package
- Transit 170 Full Floor AbiliTrax System w/ Stainless Steel Rails
- Shift-N-Step w/ Photo Eye Safety & Raised Entry Kit
- 800 lb. Braun Commercial Wheelchair Lift & Interlock
- Rear Lap/Shoulder Belt Securement System (Streetside & Curbside)
- Streetside Lap/Shoulder Belt Securement System
- Qstraint Wheelchair Tie Downs & Storage Bags
- Dual Set of Overhead Grab Rails
- Wheelchair Position Side Grab Bar
- AbilityBus Demo Seating - (5) CAM2 Ford OEM Remounts
- Step-N-Lock Removable Seat (1)
- Bus Step w/ Polymer Cover



To Schedule A Demo Contact:

Keven Crawford
 National Sales Manager
 (716) 969-3563
 keven@abilitrax.com

Additional Configurations



FIND US ON SOCIAL MEDIA @



INFO@FENTONMOBILITY.COM



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Example features and floorplans of the US GSA contract offered systems featuring AbiliTrax, Shift-N-Step and additional FENTON Products

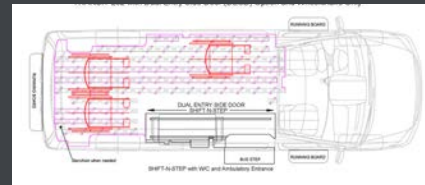


GSA Solicitation # QMAA-FK-170014-D

Standard Item 282 Transit
Wheelchair Van Side Lift
6 Seats / 3 WC



Option
DESD:
Dual Entry
Side Door
Shift-N-
Step



SIN 282 Includes:

- Ford Transit X2X High Headroom 148" Wheelbase
- Braun Side Lift (Optional Shift-N-Step)
- AbiliTrax Flexible Flooring System
- Seating for Six, Tool Free Removable CAM2 Seating
- Dual Shoulder Brackets
- Qty (3) Wheelchair Securements
- Optional Right Hand Rear Door Grab Bar
- Safety Triangles, Fire Extinguisher, Reflective Stickers
- Cargo Door Running Boards



TO ORDER CONTACT:

Mary Gabalski
GM / Ordering Officer
Phone: (716) 484-7014 Ext. 901
Email: mary@abilitrax.com

FENTON



**NOW
INTRODUCING**

ABILITYBUS

ABILITYBUS EL

ABILITYBUS S

The Solution For All Your Small Bus Needs!

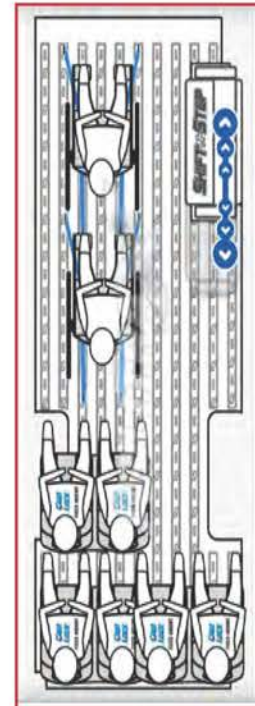
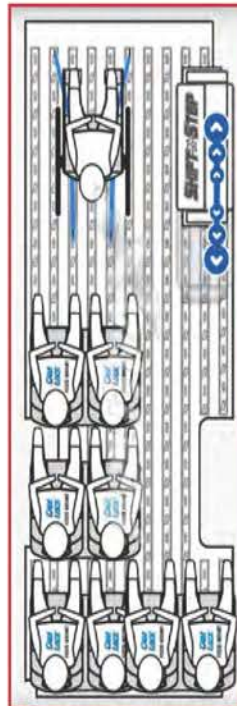
- OEM Passenger Van Body
- AbiliTrax Flooring System
- Dual Entry **Shift N Step** Lift System
- CamLock2 Quick Disconnect Seats
- FMVSS & ADA Compliant
- 34" Wide Lift, (up to 1k lb)
- FTA Buy America Compliant

(Example AbilityBusEL Seating Layout Shown Below)

**One *OEM Door Providing
Curbside Service For All**



*No Structural Modifications



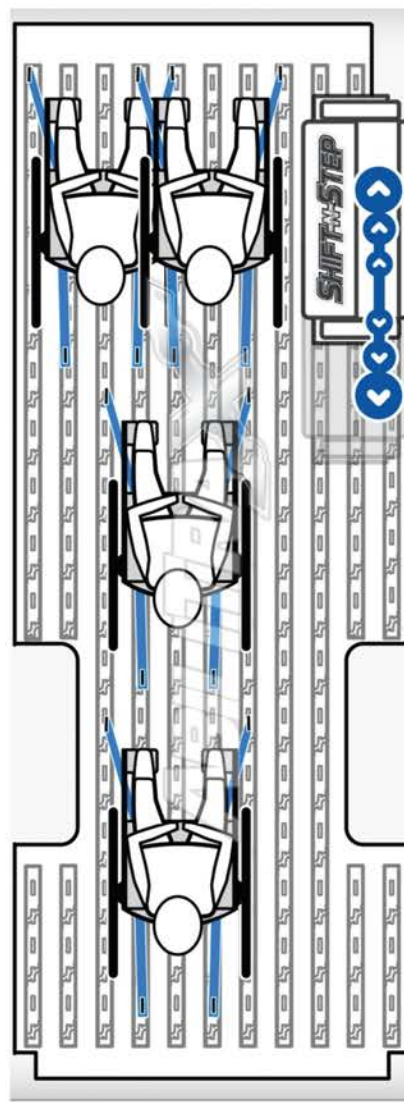
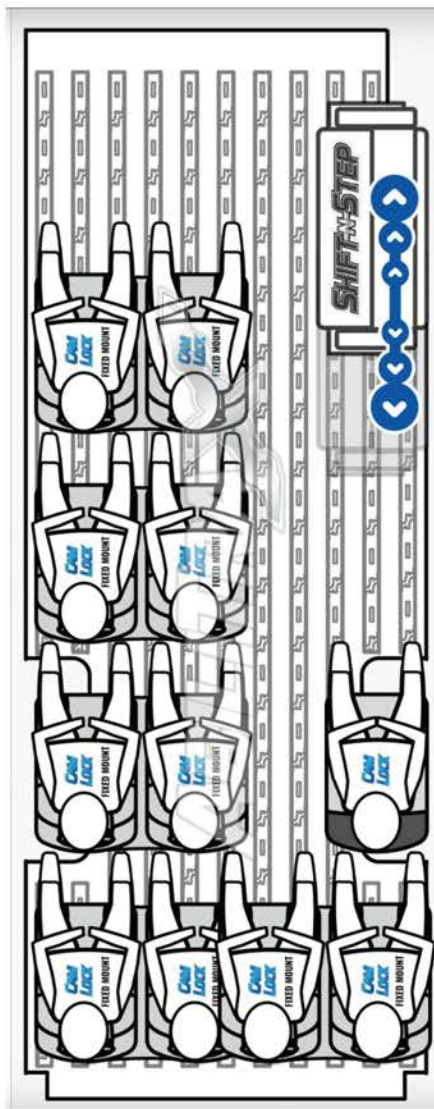
**Create a Variety of Seating &
Wheelchair Combinations In Minutes!**

ABILITYBUS EL



Available on Ford Transit 148" Extended Wheelbase

Model Code U4X



visit: <http://www.abilitrax.com/van-seating-layout-designer>





SHIFT-N-STEP



SAFETY ABOVE ALL ELSE

Transit systems nationwide are specifying Shift-N-Step as part of their paratransit vehicle design because of its unparalleled safety features and easy warranty.

Shift-N-Steps many safety features include two forms of manual overrides, photo eye motion safety sensors and interlock stowed safety option.

Additional Safety Products available include driver barriers, wide step running boards, emergency & safety grab bars and AbiliTrax flooring and hands free quick disconnect seating solutions...



Interlock settings prevent the lift from blocking the doorway when driving so the potential emergency exit is never blocked

FENTON



Currently Serving Public and Private Agencies Nationwide



AbiliTrax and Shift-N-Step Systems are creating safe, easy, flexible daily travel for drivers and riders alike.



CATA

CENTRE AREA
TRANSPORTATION
AUTHORITY
State College, PA



Contact Keven Crawford for Further Information
Phone: (716) 969-3563
Email: keven@abilitrax.com





OVERVIEW: The Floor system must consist of a series of longitudinal and parallel floor mounted, high-strength steel tracks which are imbedded into an FMVSS 302 compliant base. The system must also allow for the rapid movement or removal of FMVSS 207 and 210 compliant ambulatory seating as well as "A" AND "L" style wheelchair tie downs. Rails must provide incremental positional options for tie-downs and seats of 5" front to back and 6-1/4" side to side. Standardized track locations must allow seating to be transferred between vehicles as needed and without additional adjustments or modifications, regardless of vehicle make, model, length or height.

- The floor base material will consist of a 1-1/2" thick composite, water resistant substrate.
- The flooring substrate must be fully encapsulated with an FMVSS 302 compliant polyurea finish to provide a slip resistant surface while creating a barrier which is impervious to environmental elements.
- The floor tracks will be constructed of a high strength A1011 HSLA 50 steel which has been further plated with a zinc chromate finish, thus providing maximum strength and corrosion resistance. No aluminum shall be used in any part of the system which may come into direct contact with any steel component. Aluminum and steel in direct contact with one another leads to a galvanic corrosion process. The galvanic corrosion process is further exacerbated by exposure to certain environmental elements (such as road salt) which leads to rapid decay of and premature failure of the affected materials.
- The floor tracks must be mechanically fastened to the vehicle floor structure using SAE Grade 8 fasteners. All fasteners must be self-locking. All washers will be through hardened. All hardware will also be zinc plated to provide further corrosion resistance. Mechanically fastening the system is required to insure serviceability, repair, replacement or re-use of the system in replacement vehicles.
- The track system must be capable of directly accepting both "A" and "L" style wheelchair tie-down systems without the need for intermediary "adaptors". Wheelchair tie-downs must also be able to be positioned anywhere within the confines of the track system at increments of 5" front to back and 6-1/4" side to side.
- The system must also meet FMVSS 207 and 210 compliance standards in all possible seating configurations, including 3 abreast situations (3 seats, side by side, pull tested simultaneously). All seats will be provided with an integrated 3 point lap and shoulder belt as well as have child restraint (CRS) capability.
- Seating must be able to be positioned anywhere within track system as required for transport or storage (front to back at 5" increments and side to side at 6-1/4" increments).
- Seat cushions must flip up to facilitate ingress / egress as well as provide "nested" storage inside or outside of the vehicle.
- Seating must be able to be moved or removed without the use of tools, from a standing position using only the operator's foot.
- Latching system must also be provided with a redundant, secondary mechanism to reduce the risk of unintended unlatching. Primary and secondary latches must both be activated "hands free".
- "Hands free" latching and unlatching, as well as seat relocation and removal, must be accomplished from a standing position using the operator's foot. This eliminates the need for bending and kneeling and also eliminates the risk of the operator's knees or hands coming into contact with unsanitary floor surfaces.
- Seats must be able to be nested together for storage, occupying no more than 15" of floor space (measured front to back) while still being able to be locked into the floor system for safe transport.

AbiliTrax Products Limited Warranty

AbiliTrax Warranties all products manufactured by AbiliTrax to the original purchaser (non-transferrable) to be free of all defects in material and workmanship for a period of 3 years or 36,000 miles (whichever comes first) from the date that the vehicle (in which the AbiliTrax products were originally installed) is placed into service (written in service date verification will be required). Any defect affecting safe operation and intended function will be repaired, replaced or refunded (at the discretion of AbiliTrax) free of charge. If the failure or malfunction of a warranted item leads to a subsequent failure or defect of a non-warranted item, then both items shall be covered provided AbiliTrax was immediately notified of failure (refer to buyer / user responsibility below). All warranty work must be performed at a facility that has been approved and/or certified by AbiliTrax to perform such work. All arrangements for warranty service must be approved prior to and made through AbiliTrax by contacting AbiliTrax. Warranty covers only failures which occur through normal use and does not apply to failures incurred through misuse, abuse, neglect, alterations or accidents. Also, any damage incurred through normal wear and tear which does not affect intended function and/or safe operation is not covered. AbiliTrax warranty covers only direct material and labor costs to repair or replace warranted items and is not responsible for any incidental costs such as transport, lost service or time.

To file a warranty claim or obtain warranty service, contact AbiliTrax by going to AbiliTrax.com and locating your nearest AbiliTrax Dealer. It is the responsibility of the buyer / user to contact AbiliTrax immediately upon the discovery of any covered defect or malfunction. AbiliTrax is not liable for further damages incurred or compounded by delays in filing warranty claim(s).

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply.

AbiliTrax Corporate Office
26 Center Street
Randolph, NY 14772
800-500-6181
FAX 716-484-7018



SHIFT-N-STEP

OVERVIEW: The Shift n Step Lift Mounting System must be “Dual Access” in nature, thus providing ingress or egress to the vehicles interior by both ambulatory and non-ambulatory passengers through the same curbside door opening. It must also be constructed of high-strength steel and be bolted to the vehicle chassis in a manner that requires no notching, cutting or welding of the existing OEM frame or cross-member(s). The mounting system will be compliant with all pertinent FMVSS requirements for commercial lift mounting with regard to the rated capacity of the lift. The system must allow for the electro-mechanical movement of a commercial grade lift in a curb side entry situation to provide either ambulatory or non-ambulatory passengers. The electro-mechanical drive system will be equipped with a control system designed for safe operation as well as both an electrical and a mechanical back up (in the event of a failure in the primary drive system). When in the fully retracted position, the Lift Mounting System must provide a minimum 30” wide entry for ambulatory passengers. When in the fully extended position, the system must allow a commercial grade lift (D.O.T. compliant with up to a 34” wide platform) to be fully deployed through the same side door opening.

- The Mounting system will be constructed of high strength steel wherever required to achieve maximum structural capacity.
- All steel parts will either be powder coated or plated to maximize corrosion resistance.
- The Mounting System must be mechanically fastened to the vehicle floor structure using SAE Grade 8 fasteners. All fasteners must be self-locking. All washers will be through hardened. All hardware will also be zinc plated to provide further corrosion resistance. Mechanically fastening the system is required to insure serviceability, repair, replacement or re-use of the system in replacement vehicles.
- The system must also meet FMVSS 404 compliance standards in fully retracted or fully extended positions
- All sliding mechanisms will be constructed in such a manner as to achieve both corrosion and friction resistance as well as to provide minimal maintenance.
- The Lift Mounting System will be available with an (optional photo-electric eye to prevent lateral movement should an obstruction be detected in the walk through area.
- The Lift Mounting System will be available with optional grab bars on one or on both sides of the ambulatory walk through area
- The Lift Mounting System will be available with an optional “bus style” side step that is also a “bolt on” accessory. This step is provided with a cover that is also a “bolt on” accessory. This cover bolts on to the sliding door and shields the step from debris accumulation and also moves with the door.
- Electro-Mechanical Rack and Pinion Drive System

Shift n Step Products Limited Warranty

AbiliTrax Warranties all products manufactured by AbiliTrax, including Shift n Step, to the original purchaser (non-transferrable) to be free of all defects in material and workmanship for a period of 3 years or 36,000 miles (whichever comes first) from the date that the vehicle (in which the AbiliTrax products were originally installed) is placed into service (written in service date verification will be required). Any defect affecting safe operation and intended function will be repaired, replaced or refunded (at the discretion of AbiliTrax) free of charge. If the failure or malfunction of a warranted item leads to a subsequent failure or defect of a non-warranted item, then both items shall be covered provided AbiliTrax was immediately notified of failure (refer to buyer / user responsibility below). All warranty work must be performed at a facility that has been approved and/or certified by AbiliTrax to perform such work. All arrangements for warranty service must be approved prior to and made through AbiliTrax by contacting AbiliTrax. Warranty covers only failures which occur through normal use of Shift n Step and does not apply to failures incurred through misuse, abuse, neglect, alterations or accidents. Also, any damage incurred through normal wear and tear which does not affect intended function and/or safe operation is not covered. Shift n Step warranty covers only direct material (does not cover labor cost) to repair or replace warranted items and is not responsible for any incidental costs such as transport, lost service or time.

To file a Shift n Step warranty claim or obtain warranty service, contact AbiliTrax by going to AbiliTrax.com and locating your nearest AbiliTrax Dealer. It is the responsibility of the buyer / user to contact AbiliTrax immediately upon the discovery of any covered defect or malfunction. AbiliTrax is not liable for further damages incurred or compounded by delays in filing warranty claim(s).

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REV. 1/6/2017

