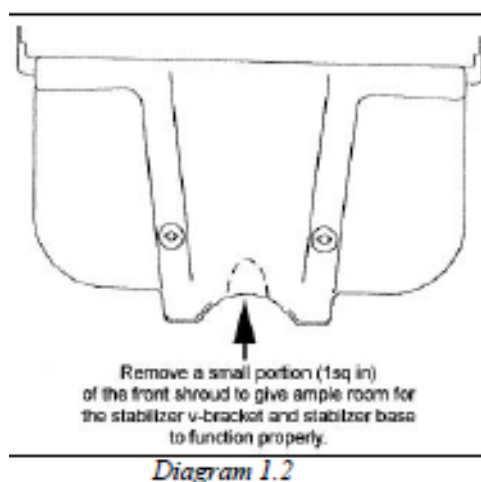
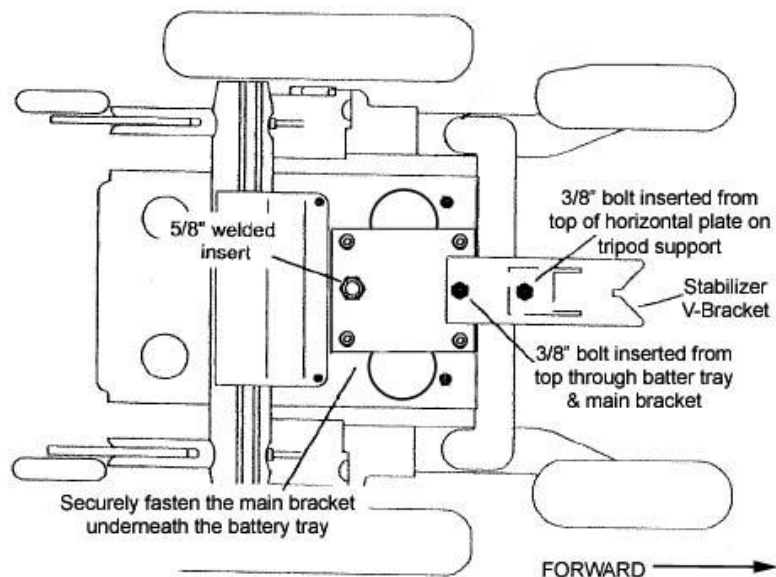


- ☐ Pride Mobility
- ☐ Quantum Vibe



Check Ground Clearance. Chair should have 3" clearance.

Remove footrest and battery tray. Be sure to disconnect batteries from wheelchair.

Gently lay wheelchair on its side.

Read and follow the wheelchair maintenance manual provided with the wheelchair for disassembly and reassembly of the wheelchair.

It is recommended that you gently tilt the wheelchair backwards and gain entry to the interior of the main wheelchair base. You may need to remove the seating system to gain entry into the battery tray. Then carefully disconnect and remove the wheelchair batteries.

Place the main bracket in the bottom center of the wheelchair base and use it as a template, mark the four 3/8" holes to be drilled. Attach the center plate to the bottom of the wheelchair and securely fasten the assembly with the supplied 3/8" bolts and nuts.

Now align the V bracket to the center of the bracket. Make sure that there is at least 3-4inches of clearance above the V bracket and that the V bracket is sticking out far forward enough to clear any foot rests, covers, and/or obstructions. You will need to cut out 1sq inch of material from the front center shroud to make room for the V bracket. (*Refer to diagram 1.2*)

You may cut the length of the V bracket to better fit your installation. Once the V bracket is properly aligned, mark two 3/8" holes, drill them out, and securely fasten the V bracket to the main bracket.

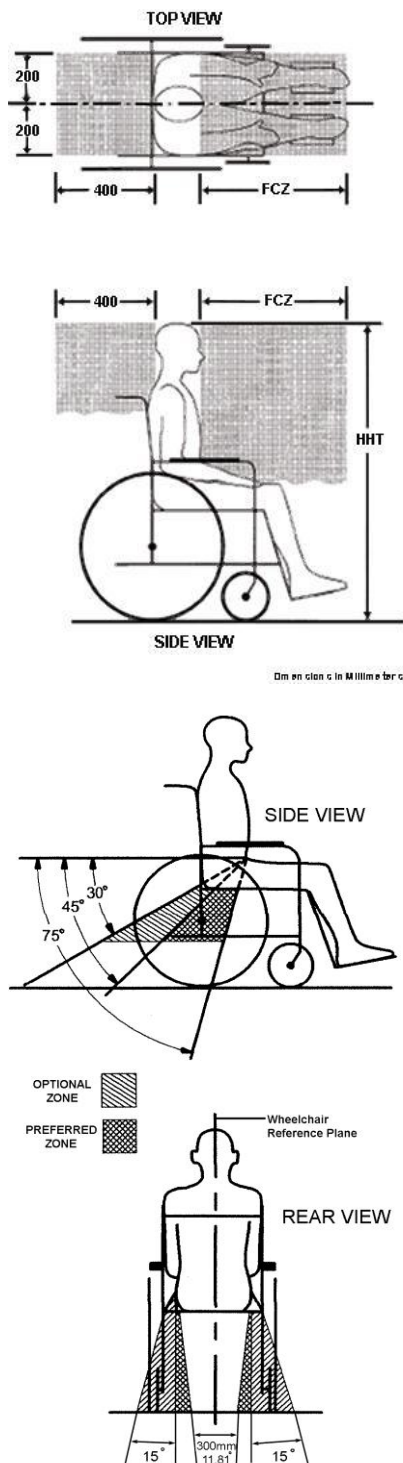
You may also directly weld the V bracket onto the main bracket; this may save you space and installation time. (*Refer to diagram 1.3*) **Attach the docking bolt to the bracket** on the bottom of the wheelchair. Adjust the height of the docking bolt by threading or un-threading it in threaded nut.

Make Final Adjustments. With user in wheelchair, adjust proper bolt height. For driving applications, measure appropriate height for stabilizer arm and base. Stabilizer base assembly is shown in diagram on back. Once adjustments are made, fasten docking bolt tightly and use thread-lock. Replace all wheelchair components according to manufacturer's instructions.

Hardware Checklist:

- ☐ 1/4-20x2-1" Grade 8 Bolt (Q5-6509-BK17) x 8
- ☐ 1/4"-20 Lock Nut (Q5-6512-BK-8) x 8
- ☐ 1/4" Flat Washer (Q5-6511-BK6) x 16





WARNINGS & GUIDELINES

- Bracket must be installed by authorized dealer.
- Only Q'Straint provided components should be used with this assembly including hardware and wheelchair interface bracket.
- The QLK Bracket is designed and tested to secure the wheelchair base only. Q'Straint does not guarantee the strength or securement of the seating system.
- Do not attempt to repair, adjust, or modify any component(s) of the QLK-100 system or bracket without consulting a Q'Straint representative.
- Clients are required to have the QLK-100 system maintained and inspected at least once annually in accordance with the QLK Preventative Maintenance Checklist.
- All clients in driver's application must not attempt to drive the vehicle without first consulting with a CDRS for proper fit and ability to operate all controls proficiently
- A lap (pelvic) and shoulder belt must always be used. Pelvic restraint anchor points should be positioned to achieve belt angles between 30° and 75°, in order to fit low across the pelvis and reduce possible loading of the abdomen (see diagram). Height of shoulder belt should be at or above shoulder height of user with belt webbing fitting near the midpoint of the occupant's shoulders, so as to minimize downward loads to the spine.
- Belt webbing should be protected from contacting sharp corners and edges, and potential corrosive liquids.
- It is important to locate the wheelchair properly with respect to the anchor points of the upper torso belts to achieve good belt fit geometry.
- Front Clear Zone (FCZ): It is important to establish a clear zone when positioning the wheelchair. This clear zone should be free of any vehicle-mounted component, which may impact with the wheelchair user. Refer to the diagram below. Rigid vehicle components that are inside of the frontal clear zone, and rigid components located behind and within 15-3/4" (400mm) of the occupant should be padded to conform to the impact requirements of FMVSS 201 and ISO 3795.
- Vehicle anchor points may require reinforcement. The mounting surface should conform to or exceed specifications of the manufacturer of the vehicle.
- A vehicle anchored back support should be provided if a head restraint is anchored to the vehicle, in order to minimize rearward deflection of the wheelchair seatback and the potential for neck injury.
- Airbags can cause serious injury if a wheelchair seated occupant sits too close to the airbag module. Contact the appropriate regulatory agency and/or the vehicle manufacturer, as appropriate, for dispensation and advice to disable the airbag.
- After market devices should not be installed in a manner that may block deployment of the airbag.

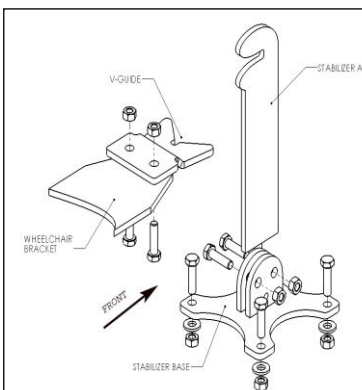
Working with the Battery Spacer

The HDPE battery spacer can be cut, drilled, and shaped for a custom and professional installation and will not cause damage to your tools. Final shape for battery spacer should be drawn and cut once the bracket installation is complete and you are ready to replace the batteries.



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