



ADA Compliance Declaration

AutoAbility wheelchair accessible Toyota Sienna (2004 through 2009 model years) are in full compliance with all the applicable standards of Part 1192 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Transportation Vehicles.

The following paragraphs list vehicle compliance details to the applicable ADA standards:

1192.231(c) Vehicle Ramp

1192.23(c)1. Design Load: Ramps 30" or longer shall support a load of 600 pounds, at the centroid of the ramp, with a safety factor of at least 3.

AutoAbility exceeds this requirement, having tested the ramp to a load of 1000 lbs with no operating damage to the ramp.

1192.23(c) 2. The ramp surface shall be continuous, slip resistant with a clear width of 30 inches, and accommodate four & three wheel mobility aids.

AutoAbility exceeds this requirement with a continuous ramp width of 30. The ramp is coated with a slip resistant material and accommodates four-wheel and three-wheel mobility aids.

1192.23(c) 3. The transition from vehicle floor to the ramp may be vertical without edge treatment up to X inch.

AutoAbility is in compliance with the maximum edge treatment being the 3/16 inch ramp thickness.

1192.23(c) 4. Ramp barriers: Each side of the ramp shall have barriers at least 2 inches high.

AutoAbility is in compliance with 2-1/16" high ramp barriers.

1192.23(c) 5. If the height of the floor from which the ramp is deployed is 6 inches or less above a 6-inch curb, a maximum slope of 1:6 is permitted.

AutoAbility is in compliance with this requirement, with a height of 4" above a 6 inch curb, and a resulting slope of 1:13.

1192.23(c) 6. The ramp shall be firmly attached to the vehicle so that it is not subject to displacement when loading or unloading a power mobility aid.

AutoAbility is in compliance with the above requirement. The ramp is firmly attached to the vehicle using a continuous hinge assembly allowing no gap between the ramp and the vehicle floor.

1192.23(c) 7. A compartment, or other appropriate method shall be provided to ensure that stowed ramps do not pose any hazard to passengers.

AutoAbility is in compliance with this requirement. The ramp folds into a vertical orientation, and is held from impinging on the passengers by hard contact with the main vehicle structure on both sides of the ramp.

1192.23(d) Securement devices.

1192.23(d)1. Securement systems shall restrain a force in the forward longitudinal direction of up to 2,500 pounds per securement

leg or clamping mechanism and a minimum of 5,000 pounds for each mobility aid.

AutoAbility can demonstrate compliance, supplying the Q-Straint M Series Securement

System or QRT System, which both exceed the 49 CFR Part 38 Americans with Disabilities Act (ADA) standards.

1192.23(d)2. The securement system shall have a clear floor area of 30 by 48 inches with a maximum of 6 inches for footrests under another seat, provided that there is a minimum of 9 inches from the floor to the lowest part of the seat.

AutoAbility can demonstrate compliance for up to 2 wheelchairs. The one wheelchair arrangement allows for a clear floor area of 30.12 by 62 inches with the footrests located 2.81 inches under the middle seats. The two-wheelchair seating arrangement allows a clear floor area of 30 by 48 inches.

1192.23 (d) 3. The securement system shall secure common wheelchairs and mobility aids.

AutoAbility is in compliance with this requirement, being equipped with a tie-down system that secures common wheelchairs and mobility aids.

1192.23(d)4. In vehicles 22 feet in length or less, the required securement device may secure the wheelchair or mobility aid either facing toward the front of the vehicle or rearward.

AutoAbility Sienna, which are less than 22 feet in length, are in compliance with this requirement by permitting forward facing securement only.

1192.23(d)5. The securement system shall limit the movement of an occupied wheelchair or mobility aid to no more than 2 inches in any direction under normal vehicle operating conditions.

AutoAbility is in compliance with this requirement, with the Q-Straint securement system.

1192.23(d)6. When not being used, the securement system shall not interfere with passenger movement or present any hazardous conditions.

AutoAbility's Sienna is in full compliance with this requirement. AutoAbility Toyota Sienna includes a storage area for the tiedown retractors or the tie-down straps for easy access. The other component of the securement system is the tie-down floor mounts that are bolted to the vehicle floor and do not present any hazardous conditions and do not interfere with passenger movement.

1192.23(d)7. A passenger seat belt and shoulder harness, complying with all applicable provisions of 49 CFR part 571, shall be provided for use by wheelchair users.

AutoAbility supplied securement systems are in full compliance with this requirement, specifically meeting the FMVSS 209 Seat Belt Standard.

1192.25 Doors, steps and thresholds

1192.25(a) All floor areas where people walk and floors in securement locations shall have slip-resistant surfaces.

AutoAbility is in compliance with this requirement. The interior floor areas are either coated with a slip resistant material or have a slip resistant texture molded into the surface.

1192.25(c) For vehicles of 22 feet in length or less, the overhead clearance between the top of the door opening and the raised lift platform, or highest point of a ramp, shall be a minimum of 56 inches.

AutoAbility is in compliance with this requirement with an overhead clearance between the top of the door opening and the lowered vehicle floor with a minimum 56.0 inches.

1192.29(f) For vehicles of 22 feet in length or less, vehicles shall have a minimum interior height from lift to securement location of 56 inches.

AutoAbility is in compliance with this requirement, meeting the minimum height of 56 inches in all locations from the entrance to securement location, with the slope adapter removed.

Further details of the Americans with Disabilities Act guidelines for accessible transportation vehicles are available on the worldwide web, at <http://www.access-board.gov/transit/htmlvguide.htm>.

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