

CRP Converted Vehicle Posting Details

Manufacturer: Alliance Mobility Solutions Ltd.
Vehicle Make/Model: Toyota Sienna HEV
Model Years: 2021-2023
Conversion Name: Alliance
Conversion Details: Rear Entry

Vehicle Load Carrying Capacity (as tested): 1536 LBS
 Seating Capacity/DSP (including w/c positions): 6 (5)ⁱ
 CARB Compliance: N/A

Vehicle alterations as tested	Certification of specific sections of the F/CMVSS* was reviewed
<ul style="list-style-type: none"> • Lowered floor (from rear of vehicle to 'B' pillar) • Manual folding ramp at rear • Relocated aftermarket fuel tank 	<ul style="list-style-type: none"> • F/CMVSS 214 (side impact) • F/CMVSS 207/210 (seats and seat belt anchorages) • FMVSS 301 fuel system integrity • FMVSS 225, CMVSS 210.1 and 210.2 (child restraint Systems – CRS) • F/CMVSS 302 (flammability) • F/CMVSS 110 (tire selection and rims – tire placard) • 49 CFR 38.23(b) (ramp design load) • WTORS C-10 (wheelchair tie-downs)
<p>* specific requirements of each standard that was reviewed are listed in the accredited lab test plan and on the NMEDA website</p>	

Seating and wheelchair positions			
Row	Driver side	Center	Passenger side
Front	<ul style="list-style-type: none"> • OEM bucket seats 	N/A	<ul style="list-style-type: none"> • OEM bucket seats
Second	<ul style="list-style-type: none"> • Freedman bucket seat with custom base 	N/A	<ul style="list-style-type: none"> • Freedman bucket seat with custom base
Third	<ul style="list-style-type: none"> • Freedman 2 position folding bench seat with integrated seat belts – no occupancy with wheelchair • Wheelchair position with Q-Straint QRT max restraint system (350 LBS max wheelchair weight) 		

ⁱ Vehicle seats 6 with no wheelchair and third row 2 position seat folded down – seats 5 with wheelchair (revised 4/24/2026, tested wheelchair weight 250lbs and 350lbs)