**Manufacturer:** Vantage Mobility International (VMI)  
**Conversion Name:** Northstar (Side entry full drop)  
**Vehicle Make/Model:** Toyota Sienna Hybrid FWD / AWD  
**Model Years:** 2021

**Vehicle load carrying capacity:**  
AWD – 775 lbs.  
FWD – 921 lbs.

**Seating capacity/DSP:**  
AWD 5 (including wheelchair position)  
FWD 6 (including wheelchair position)

**CARB Compliance (Yes/No):** Yes

### Vehicle alterations as tested

- Lowered floor (Firewall to in front of rear axle)  
  – Maximum 15 inch drop  
- Passenger side ramp  
- Power ramp  
- Relocated aft-of-axle Transfer Flow fuel tank

### Certification to applicable sections of F/CMVSS was reviewed

- F/CMVSS 207/210 (seats and seat belt anchorages)  
- F/CMVSS 225/210.1&2 (child restraint systems – CRS)  
- F/CMVSS 208 (occupant protection frontal impact)  
- FMVSS 301 (fuel system integrity)  
- F/CMVSS 302 (flammability of interior materials)  
- F/CMVSS 305 (electrolyte spillage)  
- SAE J2093 (power ramp system durability)  
- NMEDA WTORS C-10  
- CARB E.O.

*specific requirements of each standard that was reviewed are listed in the Vehicle Description Form and on the NMEDA website*

### Seating and wheelchair positions

<table>
<thead>
<tr>
<th>Row</th>
<th>Driver side</th>
<th>Center</th>
<th>Passenger side</th>
</tr>
</thead>
</table>
| Front | • Quick release base with interchangeable OEM seat.  
       Wheelchair position | N/A    | • Quick release base with interchangeable OEM seat.  
       Wheelchair position |
| Second| • N/A                                            | N/A    | • Wheelchair position                              |
| Rear  | • AWD OEM 2 position seat centre console w. modified anchorages + CRS  
       / OEM 3 position bench seat with modified anchorages + CRS |        |                                                   |