



# Webinar Series

**United Spinal Association**

## *Comprehensive Automotive Mobility Solutions for People with Disabilities and their Caregivers*

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Cassy Churchill, Store Manager, MC Mobility Systems, Cincinnati, Ohio

## Comprehensive Automotive Mobility Solutions for People with Disabilities and their Caregivers (CAMS)



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**Tampa, Florida**



**NATIONAL MOBILITY  
EQUIPMENT DEALERS  
ASSOCIATION**



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## Introduction

- **Industry Overview**
- **Who is Involved**
- **Road Map for the Mobility Process**
- **Mobility Solutions Review**
  - \* **For people who use wheelchairs**
  - \* **For caregivers**
  - \* **For people who just need some assistance**





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ASSOCIATION**

**Members include:**

**Mobility Equipment Dealers / Driver Rehab Specialists /  
Conversion Companies / Mobility Equipment  
Manufacturers / Automotive Manufacturers**

**Automotive Mobility Solutions**



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## QAP (Quality Assurance Program)

The goal is to broaden and improve opportunities for people with disabilities to drive or be transported in vehicles modified with mobility equipment



## NMEDA

### *National Mobility Equipment Dealers Association*



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[www.nmeda.com](http://www.nmeda.com)

Automotive Mobility Solutions



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## *Industry Overview*

1. \* **Manufacturers**
2. \* **Mobility Equipment Dealers**
  - \* **Automotive Dealers**
  - \* **Driver Evaluators/Trainers**
  - \* **NMEDA**
  - \* **Customers**



# *Industry Overview*

## Three Types of Manufacturers

- \* OEM Automotive
- \* Mobility Vehicle Modifiers
- \* Equipment Manufacturers



# Industry Overview

## Manufacturers - OEM Automotive



# Industry Overview

## Mobility Modification Manufacturers - Vehicle Conversion Companies



Look for vehicle conversions that are sold and serviced through NMEDA-QAP Dealers



# Manufacturers-Equipment Manufacturers



**SURE-LOK**  
Safe and Secure



Power Lift Seats  
Power Scooter Lifts  
Manual Lifts  
Scooter and Chair Carriers  
Mechanical Driving Controls  
Electronic Driving Controls  
Steering controls  
Vehicle Environmental Controls



## *Industry Overview-Mobility Equipment Dealers*



[www.nmeda.com](http://www.nmeda.com)

**Automotive Mobility Solutions**



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## *Starting the Purchasing Process*

- 1. Locate a NMEDA-QAP Mobility Equipment Dealer  
(Dealer locator at [www.nmeda.com](http://www.nmeda.com))**
- 2. Consult with a CDRS  
(CDRS locator at [www.aded.net](http://www.aded.net))**
- 3. Make Your Final Selection and Purchase**
- 4. Get Training on your New Mobility Equipment**
- 5. Apply for Mobility Reimbursements**



## Mobility Assistance Program Coverage

### Most Common Equipment Covered

Automotive Manufacturer	Wheelchair Accessible Ramp	Wheelchair Scooter Rear Lifts	Power and Manual Lifts & Swivel Seats	Driving Controls	Special Wheelchair Restraints	Steering & Accelerator Pedals (left & right)
<b>GM</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
<b>Toyota</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
<b>Ford</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
<b>Chrysler</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
<b>Volvo</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
<b>Honda</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>

- Up to \$1200 assistance on new vehicle purchases from these OEM manufacturers
- Check State and Federal agencies for additional financial assistance.





# Solutions For People Who Use A Wheelchair

*...and Want to Drive*



## Driving Solutions: *Lowered Floor Minivans*



## For the Actively Independent: *Minivan Solutions*



**Fold-out Ramp**



**Slide-out Ramp**





## For the Actively Independent: *Minivan Tie Down Systems*



## For the Actively Independent: *Other Options*



## Wheelchair User/Independent Solutions: *Pickup Truck Solutions*



**Pickup trucks equipped with rear lift and  
power lift and swivel seat\***

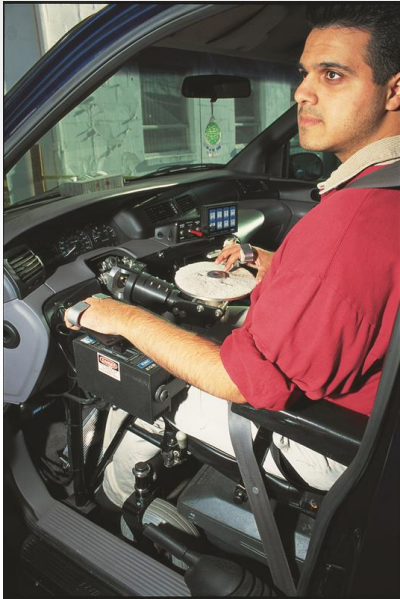
\*Some seats require  
“Double door: No B pillar configuration”



# Ultimate Freedom Solutions: *Driving Yourself*



## More Driving Solutions: *Driving Yourself*



**Horizontal Steering Controls**



**Push-Pull**



**Spinner Knob**



**Dual Brake  
and  
Gas Controls**

**Left  
Foot  
Accelerator**





# Solutions for Those Who Need To Transport People In A Wheelchair

**Automotive Mobility Solutions**



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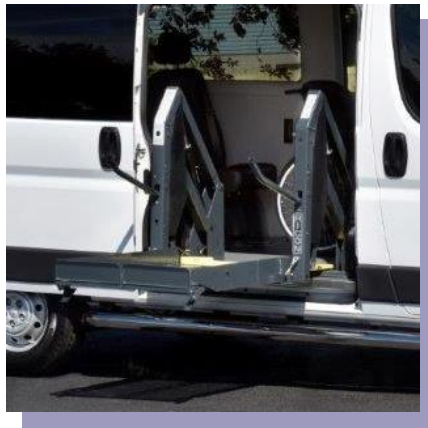
## Passenger Solutions: *Full Size Vans*



Combines wheelchair  
access with multiple layout  
options



## When Size Matters: *Full Size Van Solution*



## Transporting Passengers: *Minivan Solutions*



Side Entry Lowered Floor Minivan



Rear Entry Lowered Floor Minivan



# Solutions For Caregivers

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## Relief for Caregivers: *Lift Solutions and More*



**Outside Lift for  
Sedans**



**Outside  
Wheelchair Lifts**



**For Minivans**



**Swivel  
Seating &  
Power Lifts**



**Outside Bumper  
Lift & Carrier**



## Saving the back: *Special Seating and Lifts*



# For People Who Just Need a Little Help Getting Around

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## Extending your Range of Mobility: *Lifts and Seats*



## Custom Solutions: *Many new available options to consider*



Look for specialty cutaways,  
power lift seat and chair lifts  
and other innovative  
options

Find one that  
works for you!





## Contact Your NMEDA Mobility Specialist



# Case Studies

**Automotive Mobility Solutions**



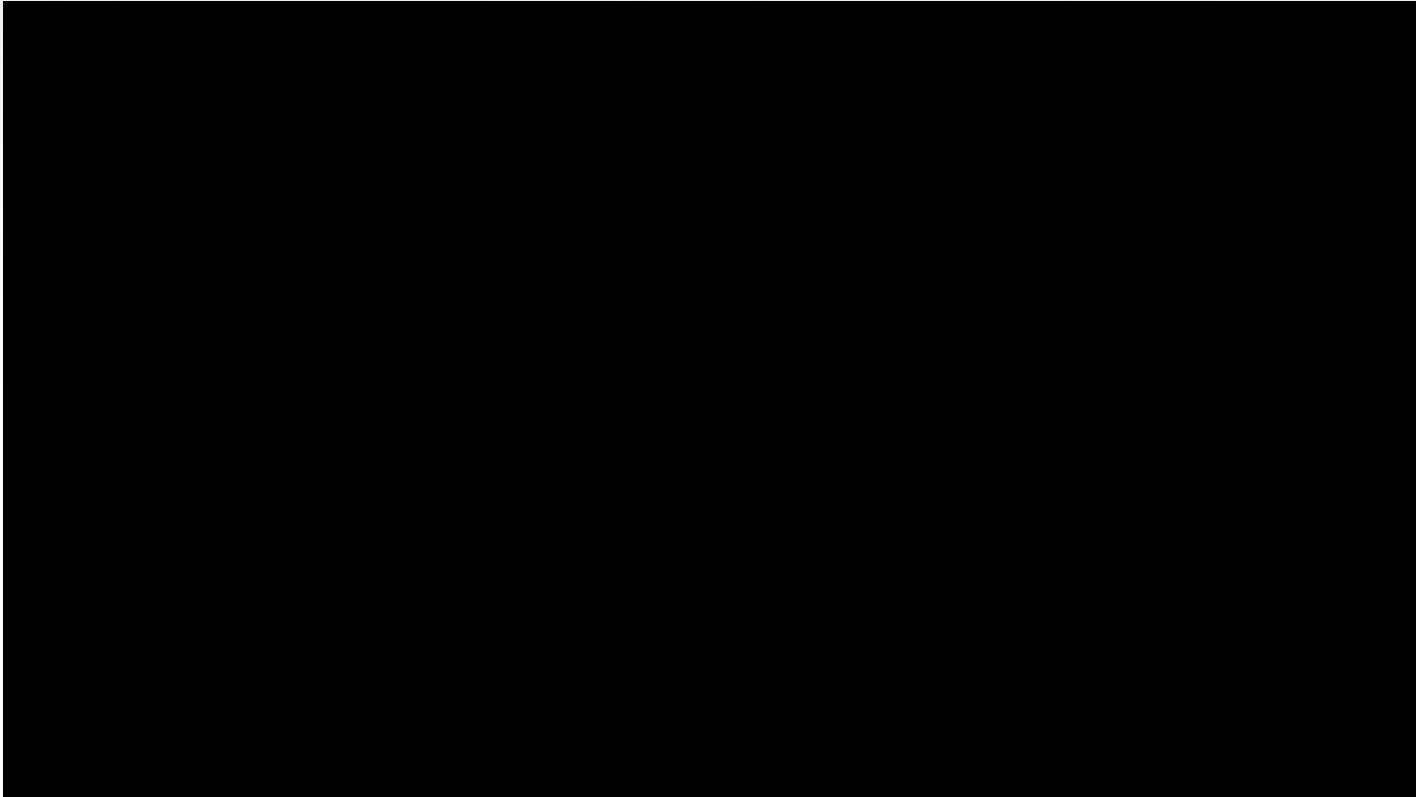
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## Case Study-1 (Para-SCI)

### Client

- 34-year old male
- Complete Asia A, T 4 Paraplegia due to skydiving accident onset 1995
- Married father of two in early years
- Change of family size and concern of wear on shoulders with transfer and break down of wheelchair
- Previously drove two door mid-size car in which had to detach wheels, lift to back seat and then lift frame to front passenger seat. Push right angle hand-controls left side with steering device mounted 2 O'clock on steering wheel





**Automotive Mobility Solutions**



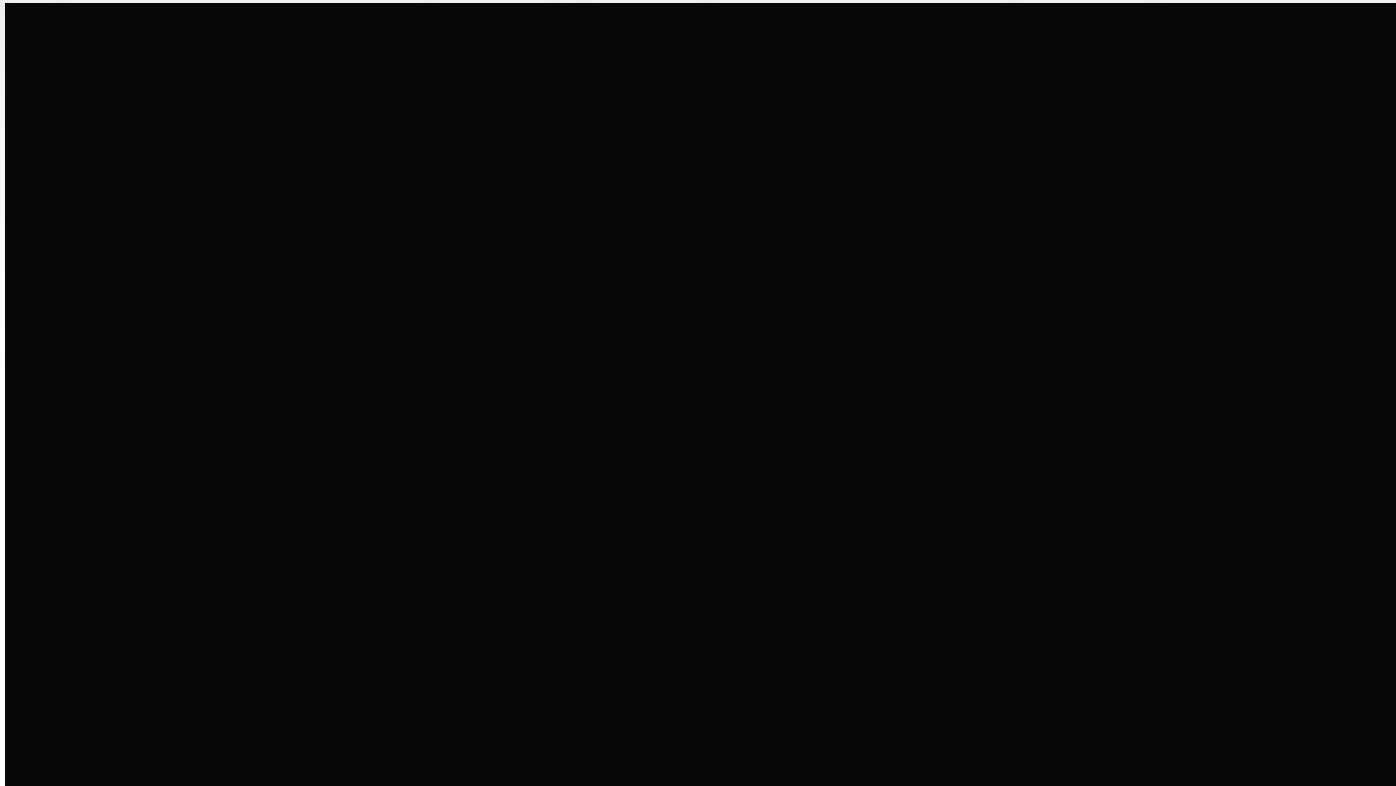
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## Case Study-2 (Quad-SCI)

### Client

- 30-year old Male
- Married and a two-year old son
- “I am a C-5 quadriplegic... I got hurt racing dirt bikes in 2003 when I was 16.”
- Previously drove full size Ford drop floor, complication in seating position of new child
- Ease of driving mini-van, gas mileage, and ease of new child loading with closer seating position





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Contact us at:

The National Mobility Equipment Dealers Association

[www.nmeda.com](http://www.nmeda.com)

(800) 833-0427



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# Webinar Series

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Questions?

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