



VEHICLE CRASH TESTING

June, 2019

Keeping you safe

To provide safer transportation for people who use their wheelchair as a seat in a motor vehicle; Magic Mobility have tested the Frontier V4, V6 and Extreme X8 with different combinations of seating and power positioning systems.

Compliance with international standards ensures

- Increased protection for wheelchair travelling in a motor vehicle in the event of a collision
- Clearly marked attachment points that are accessible with one hand
- Improved fitment of both lap and shoulder belts through good design
- Effective performance in a moderate to severe frontal impact with a change in velocity of 48 kph with an average deceleration of 20g.

Use the following advice to improve your safety

- Don't route belts outside the wheelchair frame or wheels or over the armrests
- Place the pelvic belt across the front of the pelvis as low as possible
- Position the shoulder belt across the middle of the shoulder and connect it to the lap belt on the opposite side
- Keep the shoulder belt as close to the body as possible even if it means threading the buckle through an opening on the chair.

All Magic Mobility chairs have been tested to either RESNA WC19 or ISO7176-19.

Crash tested tie downs are standard on Frontier V4 and V6 models and are optional on the Extreme X8. Crash tested compliant seat belts are also available.

Contact Magic Mobility if you require further information

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