



**Renault Twizy 80**  
All-electric, 2 seat heavy quadricycle

**2014**



Adult Occupant



SPECIFICATION

Seats	2
Power Source	Electric motor
Kerb Weight	474 kg
Maximum Speed	80 km/h
Class	Quadricycle

SAFETY EQUIPMENT

	Driver	Passenger	Rear
<b>FRONTAL CRASH PROTECTION</b>			
Frontal airbag	●	—	✘
Belt pretensioner	✘	—	✘
Belt loadlimiter	✘	—	✘
Knee airbag	✘	—	✘
<b>SIDE CRASH PROTECTION</b>			
Side head airbag	✘	—	✘
Side chest airbag	✘	—	✘

**Note: Other equipment may be available on the vehicle but was not considered in the test year.**

- Fitted to the vehicle as standard
- Fitted to the vehicle as option
- Not fitted to the test vehicle but available as option
- ✘ Not Available
- Not Applicable

**ADULT OCCUPANT**

Total 13.0 Pts / 39%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

## Full-Width Deformable Barrier

6 Pts



Driver

## Lateral Impact

7 Pts



Driver

## Comments

**Structure**

The structure of the Twizy stood up well to the tests with little deformation in the front or side impacts. Rearward movement of the steering wheel was well controlled and it was apparent that the structure could cope with a more severe impact.

**Restraints**

The Twizy has an airbag and a four point seatbelt as standard. These worked correctly; the driver was well restrained in the frontal impact and protection of the head was good. However, owing to the very stiff structure and restraint systems, the dummy neck recorded dangerously high forces and protection of this part of the body was poor. The region in front of the driver's knees contained a lot of hard structures. The dummy recorded high values for knee and femur loading and protection was poor. In the side impact, the head of the dummy was exposed outside the structure of the vehicle, increasing the risk of dangerous head contact in real-world accidents, and the score was penalised. Much of the force on the dummy was deflected to parts of the dummy which do not reflect a real body and protection of the chest area was penalised. Combined with dummy readings which were marginal, protection of the chest was rated as poor.