



Tazzari ZERO
All-electric, 2 seat heavy quadricycle

2014



Adult Occupant



SPECIFICATION

Seats	2
Power Source	Electric motor
Kerb Weight	542 kg
Maximum Speed	100 km/h
Class	Quadricycle

SAFETY EQUIPMENT

	Driver	Passenger	Rear
FRONTAL CRASH PROTECTION			
Frontal airbag	×	×	—
Belt pretensioner	×	×	—
Belt loadlimiter	×	×	—
Knee airbag	×	×	—
SIDE CRASH PROTECTION			
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 12.0 Pts / 31%

 GOOD

 ADEQUATE

 MARGINAL

 WEAK

 POOR

Full-Width Deformable Barrier

4 Pts



Driver

Lateral Impact

8 Pts



Driver

Comments

Structure

In general, the structure of the Tazzari stood up well to the tests. However, when the vehicle was inspected, it was clear that the structure had reached its limit in the frontal test and would not be capable of withstanding a more severe impact. The battery pack is in two parts: front and rear. The front battery pack was pushed backwards into the footwell in the frontal test. Although the risk of injury to the lower legs was not assessed in these tests, such collapse of the footwell could be extremely hazardous in an accident. In the side impact, the driver's door opened, increasing the risk that the driver might be ejected.

Restraints

No airbags are available on the Tazzari ZERO. The vehicle has a three point seatbelt but, in the frontal impact, this broke at the point where it is attached to the door pillar. The driver was effectively unrestrained and the dummy's head hit the centre of the steering wheel with sufficient force for a high risk of fatal injury. Owing to the failure of the belt and the increased risk of injury to the whole body, the scoring for all parts of the body was downgraded. The driver's seat and its connection to the vehicle floor were intact after the tests.