

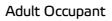


# Hyundai Tucson Small Off-Road

2015









86%











Safety Assist

71%

## **SPECIFICATION**

Tested Model	Hyundai Tucson 1.7 diesel GLS 4x2, LHD
Body Type	5 door wagon
Year Of Publication	2015
Kerb Weight	1494kg
VIN From Which Rating Applies	all petrol and diesel engined Tucsons, 4x4 and 4x2
Class	Small Off-Road

# **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	•	•	×
Side pelvis airbag	×	×	×



# SAFETY EQUIPMENT (NEXT)

	Driver	Passenger	Rear
CHILD PROTECTION			
Isofix	_	×	•
Integrated CRS	_	×	×
Airbag cut-off switch	_	•	_
SAFETY ASSIST			
Seat Belt Reminder	•	•	•

OTHER SYSTEMS	
Active Bonnet (Hood)	•
ESC	•
AEB City	0
Speed Assistance System	0
Lane Assist System	0

The Safety	v Equipmen	t includes those	items relevant	for the	vear of assessi	ment
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Fitted to test car as standard	C	Fitted to test car as option	— Not applicable	•	🕻 Not available

O Not fitted to test car but available as option





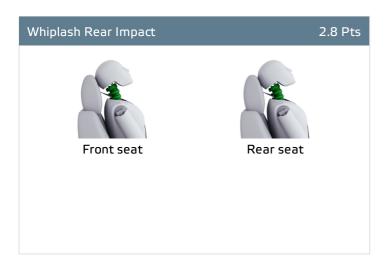
Total 32.8 Pts / 86%

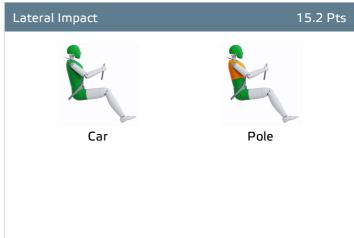
**POOR** 

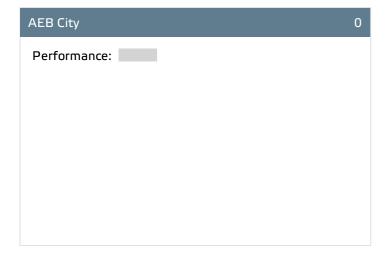




WEAK









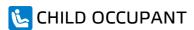


Total 32.8 Pts / 86%

#### Comments on Adult Occupant

The passenger compartment remained stable in the offset frontal impact. Dummy readings indicated good protection of the knees and femurs of the driver and passenger dummies. Hyundai showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. For the passenger dummy, protection of all other body regions was also rated as good. In the full-width rigid barrier test, protection of both dummies was good apart from the chest, protection of which was adequate for the front driver and marginal for the rear passenger. In the side barrier impact, protection of all critical body areas was good and the Tucson scored maximum points. However, in the more severe side pole test, dummy readings of rib compression indicated marginal protection of the chest, other critical body regions being well protected. Tests on the front seats and head restraints showed good protection against whiplash injury in the event of a rear-end collision and a geometric assessment indicated the same for rear seat passengers. An autonomous emergency braking system is available which operates from the low speeds typical of city driving at which many whiplash accidents occur. As the system is not standard equipment it was not included in this assessment.





Total 42.0 Pts / 85%



Crash Test Performance 23 Pts





Safety Features 7 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	×	•	×
i-Size	×	•	×
Integrated CRS	×	×	×

Fitted to test car as standard

O Not on test car but available as option

🗶 Not available

CRS Installation Check 12 Pts

Install without problem
Safety critical problem
Install with care
Installation not allowed

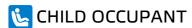
#### Infants up to 13 kg











Total 42.0 Pts / 85%

#### Infants and toddlers up to 18 kg



#### Toddlers from 9 to 18 kg







### Toddlers over 18 kg







Total 42.0 Pts / 85%

	Seat Position				
	Front	Front 2nd row			
	PASSENGER	LEFT	CENTER	RIGHT	
Maxi Cosi Cabriofix (Belt)	•	•	•	•	
Römer King Plus (Belt)	•	•	•	•	
Römer Duo Plus (ISOFIX)	×	•	×	•	
Römer KidFix (Belt)	•	•	•	•	
Maxi Cosi Cabriofix & EasyFix (Belt)	•	•	×	•	
Maxi Cosi Cabriofix & EasyFix (ISOFIX)	×	•	×	•	
BeSafe iZi Kid X3 ISOfix (ISOFIX)	×	•	×	•	
Maxi Cosi Pearl & Familyfix (ISOFIX)	×	•	×	•	
Römer KidFix (ISOFIX)	×	•	×	•	

Install without problem

install with care

safety critical problem

🗶 Installation not allowed

#### Comments on Child Occupant

The Tucson scored maximum points in the dynamic crash tests for its protection of the 1½ year dummy. Chest accelerations of the 3 year dummy, sat in a forward facing restraint, were marginally elevated but, otherwise, protection was good. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. All of the child restraint types for which the Tucson is designed could be properly installed and accommodated in the car.





Total 25.8 Pts / 71%

GOOD ADEQUATE MARGINAL WEAK POOR

Pedestrian Protection 25.8 Pts



Head Impact	19.6 Pts
Pelvis Impact	0.2 Pts
Leg Impact	6 Pts

#### Comments on Pedestrian

The Tucson has a deployable bonnet for increased pedestrian protection. Sensors in the bumper detect when a pedestrian has been struck and actuators lift the bonnet, providing greater clearance between the surface and the hard structures in the engine compartment. Hyundai showed that the system worked robustly for a variety of pedestrian statures and over a wide range of speeds. Accordingly, the bonnet was tested in the deployed (raised) position and performed well, showing good protection at almost all test points. Protection of the pelvic region was predominantly poor while the bumper provided mostly good protection to pedestrians' legs.





Speed Assistance 2.3 Pts

Speed Limit Information Function	Camera & Map
Warning Function	Manually set
Speed Limitation Function	Manually set

# **Electronic Stability Control**

3 Pts

System Name	ESC		
PERFORMANCE			
Vehicle Yaw Rate @ COS + 1.00 s	1.15%	meets ECE requirements	
Vehicle Yaw Rate @ COS + 1.75 s	1.27%	meets ECE requirements	
Lateral Displacement @ BOS + 1.07 s	2.73 m	meets ECE requirements	

Seat Belt Reminder 3 Pts

Applies To	All seats			
Warning	Driver Seat	front passenger(s)	rear passenger(s)	
Visual	•	•	•	
Audible	•	•	•	

Pass Fail — Not available

Lane Support 1 Pts

System Name	LDWS
Туре	Lane Departure Warning
Operational From	60
Warning	Audible & Visual
PERFORMANCE	
LDW Confirmation Test	Meets NHTSA requirements





Total 9.3 Pts / 71%

#### Comments on Safety Assist

Electronic stability control is standard equipment on the Tucson as is a seatbelt reminder system for the front and rear seats. A lane departure warning system is an option which is expected to be broadly fitted and was included in the assessment. Also optional but qualifying for assessment is a speed assistance system consists of a camera-based speed recognition, informing the driver of the local speed limit, and a speed limiter which the driver can set appropriately. An autonomous emergency braking system is available as an option but is not expected to be sold in sufficient numbers to qualify for assessment here.