



**Hyundai i30**  
Standard Safety Equipment

2017 ★★★★★



Adult Occupant



88%

Child Occupant



84%

Pedestrian Impact Protection



64%

Safety Assist



68%

## SPECIFICATION

Tested Model	Hyundai i30 1.6CRDi GLS Comfort, LHD
Body Type	- 5 door hatchback
Year Of Publication	2017
Kerb Weight	1412kg
VIN From Which Rating Applies	- all i30s
Class	Small Family Car

## 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	●	●	✗
Side pelvis airbag	●	●	✗

Version 040419

## 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)	✗
AEB Pedestrian	○
AEB City	●
AEB Inter-Urban	●
Speed Assistance System	●
Lane Assist System	●

**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 part of the safety pack  
○ Not fitted to the test vehicle but available as option or as part of the safety pack   
 ✗ Not available   
 — Not applicable

**ADULT OCCUPANT**

Total 33.5 Pts / 88%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

**Frontal Offset Deformable Barrier** 6.4 Pts




Passenger                      Driver

**Frontal Full Width** 7.5 Pts




Rear Passenger                      Driver

**Whiplash Rear Impact** 2 Pts



Front seat                      Rear seat

**Lateral Impact** 15.1 Pts



Car                      Pole

**AEB City** 2.4

Performance: ■ Good

 ADULT OCCUPANT

Total 33.5 Pts / 88%



GOOD



ADEQUATE



MARGINAL



WEAK



POOR

 ADULT OCCUPANT

Total 33.5 Pts / 88%

## Comments

The passenger compartment remained stable in the frontal offset impact. Dummy readings from the driver's knee indicated adequate protection. Structures in the dashboard presented a risk of injury to the driver and passenger and protection of the knee/femur/pelvis area was downgraded to marginal. Otherwise, protection of both dummies was good or adequate. In the full-width rigid-barrier test, and also in the side barrier impact, protection of all critical body areas was at least adequate. In the more severe side pole impact, dummy measurements of chest deformation indicated marginal protection for that part of the body. Tests on the front seats and head restraints indicated good protection against whiplash injuries in the event of a rear-end collision. A geometric assessment of the rear seats indicated marginal whiplash protection there. The i30 has, as standard, an autonomous emergency braking system. Tests of the system at the low speeds typical of city driving, at which many whiplash injuries are caused, showed good performance.

**CHILD OCCUPANT**

Total 41.6 Pts / 84%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

Crash Test Performance based on 6 & 10 year old children

22.6 Pts

**Frontal Impact** 14.6 Pts

**Lateral Impact** 8 Pts

Restraint for 6 year old child: *KidFix II XP*  
 Restraint for 10 year old child: *Graco Junior III*

**Safety Features**

7 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	✗	●	✗
i-Size	✗	●	✗
Integrated CRS	✗	✗	✗

● Fitted to test car as standard   
 ○ Not on test car but available as option   
 ✗ Not available

**CRS Installation Check**

12 Pts

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

■ **i-Size CRS**

Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)

Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)

BeSafe iZi Kid X2 i-Size (iSize)

**CHILD OCCUPANT**

Total 41.6 Pts / 84%

**ISOFIX CRS**

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Römer Duo Plus (ISOFIX)



Römer KidFix XP (ISOFIX)



**Universal Belted CRS**

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Römer King II LS (Belt)



Römer KidFix XP (Belt)



## CHILD OCCUPANT

Total 41.6 Pts / 84%

	Seat Position			
	Front	2nd row		
	PASSENGER	LEFT	CENTER	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (rearward) (iSize)	□	●	□	●
Maxi Cosi 2way Pearl & 2wayFix (forward) (iSize)	□	●	□	●
BeSafe iZi Kid X2 i-Size (iSize)	□	●	□	●
Maxi Cosi Cabriofix & FamilyFix (ISOFIX)	□	●	□	●
BeSafe iZi Kid X4 ISOfix (ISOFIX)	□	●	□	●
Römer Duo Plus (ISOFIX)	□	●	□	●
Römer KidFix XP (ISOFIX)	□	●	□	●
Maxi Cosi Cabriofix (Belt)	●	●	●	●
Maxi Cosi Cabriofix & EasyBase2 (Belt)	●	●	✘	●
Römer King II LS (Belt)	●	●	●	●
Römer KidFix XP (Belt)	●	●	●	●

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

## Comments

In the frontal offset test, protection of the 10 year dummy was good or adequate. Dummy readings of chest deceleration in the 6 year dummy indicated marginal protection. In the side barrier test, both dummies were well protected and maximum points were scored. 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 restraints for which the i30 is designed could be properly installed and accommodated.



PEDESTRIAN IMPACT PROTECTION

Total 27.1 Pts / 64%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

Pedestrian Impact Protection	27.1 Pts						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Head Impact</td> <td style="text-align: right; padding: 5px;">15.3 Pts</td> </tr> <tr> <td style="padding: 5px;">Pelvis Impact</td> <td style="text-align: right; padding: 5px;">5.8 Pts</td> </tr> <tr> <td style="padding: 5px;">Leg Impact</td> <td style="text-align: right; padding: 5px;">6 Pts</td> </tr> </table>	Head Impact	15.3 Pts	Pelvis Impact	5.8 Pts	Leg Impact	6 Pts
Head Impact	15.3 Pts						
Pelvis Impact	5.8 Pts						
Leg Impact	6 Pts						

AEB Pedestrian	0 Pts
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**Comments**

The bonnet surface provided good or adequate protection to the head of a struck pedestrian but performance was weak and poor in tests around the windscreen pillars. The protection provided to pedestrians' legs by the bumper was good at all test locations. Protection of the pelvis was also predominantly good. An autonomous emergency braking system which detects pedestrians is available as an option but was not assessed as part of this rating as it is not standard equipment.

 SAFETY ASSIST

Total 8.3 Pts / 68%

■ GOOD   
 ■ ADEQUATE   
 ■ MARGINAL   
 ■ WEAK   
 ■ POOR

Speed Assistance

1.3 Pts

System Name	SAS
Speed Limit Information Function	N/A
Warning Function	Manually set
Speed Limitation Function	Manually set (accurate to 10km/h)

Seat Belt Reminder

3 Pts

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

● Pass   
 ● Fail   
 — Not available

Lane Support

2.7 Pts

System Name	Lane Keeping Assist System
Type	Lane Keep Assist
Operational From	50 km/h
Warning	Audible and Visual
PERFORMANCE	
LKA Confirmation Test	Pass (5/5)

 SAFETY ASSIST

Total 8.3 Pts / 68%

## AEB Interurban

1.3 Pts

System Name	AEB
Type	Forward Collision Warning with Auto-Brake
Operational From	10 km/h
Additional Information	Default On

PERFORMANCE | 

	Autobrake Function Only	Driver reacts to warning
Operational Speed	10-175 km/h	10-175 km/h
Approaching a stationary car	See AEB City	Crash avoided up to 35km/h. Crash speed reduced up to 55km/h.
Approaching a slower moving car	Crash avoided up to 45km/h. Crash speed reduced up to 65km/h.	Crash avoided up to 60km/h. Crash speed reduced up to 80km/h.
FOLLOWING A CAR AT SHORT DISTANCE		
Car in front brakes gently	Mitigation	Avoidance
Car in front brakes harshly	Mitigation	Mitigation
FOLLOWING A CAR AT LONG DISTANCE		
Car in front brakes gently	Mitigation	Mitigation
Car in front brakes harshly	Mitigation	Mitigation

## Comments

The autonomous emergency braking system performed adequately in tests of its functionality at highway speeds. A seatbelt reminder is standard for the front and rear seats. A driver-set speed limitation device and a lane departure warning system are also both standard fit.

## RATING VALIDITY

### Variants of Model Range

Body Type	Engine & Transmission	Drivetrain	Rating Applies	
			LHD	RHD
5 door hatchback*, estate (wagon) and Fastback	1.6 CRDi, manual* and automatic	4 x 2	✓	✓
5 door hatchback, estate (wagon) and Fastback	1.0 T-GDI, manual	4 x 2	✓	✓
5 door hatchback, estate (wagon) and Fastback	1.4 T-GDI, manual and automatic	4 x 2	✓	✓
5 door hatchback and estate (wagon)	1.4 petrol, manual	4 x 2	✓	✓

\* Tested variant

### Annual Reviews and Facelifts

Date	Event	Outcome
July 2017	Rating Published	2017 ★★★★★ ✓
July 2018	Annual Review	2017