



**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 300419

## 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%



 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



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**



**CHILD OCCUPANT**

Total 41.6 Pts / 84%

■ **ISOFIX CRS**

Maxi Cosi Cabriofix & FamilyFix (ISOFIX)



BeSafe iZi Kid X4 ISOfix (ISOFIX)



Britax Römer Duo Plus (ISOFIX)



Britax Römer KidFix XP (ISOFIX)



■ **Universal Belted CRS**

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyBase2 (Belt)



Britax Römer King II LS (Belt)



Britax 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)                 | □             | ●       | □      | ●     |
| Britax Römer Duo Plus (ISOFIX)                    | □             | ●       | □      | ●     |
| Britax Römer KidFix XP (ISOFIX)                   | □             | ●       | □      | ●     |
| Maxi Cosi Cabriofix (Belt)                        | ●             | ●       | ●      | ●     |
| Maxi Cosi Cabriofix & EasyBase2 (Belt)            | ●             | ●       | ✘      | ●     |
| Britax Römer King II LS (Belt)                    | ●             | ●       | ●      | ●     |
| Britax 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



|               |          |
|---------------|----------|
| Head Impact   | 15.3 Pts |
| Pelvis Impact | 5.8 Pts  |
| Leg Impact    | 6 Pts    |

AEB Pedestrian 0 Pts

**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.<br>Crash speed reduced up to 55km/h. |
| Approaching a slower moving car   | Crash avoided up to 45km/h.<br>Crash speed reduced up to 65km/h. | Crash avoided up to 60km/h.<br>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         |