

TEST RESULTS

# Toyota Corolla

Toyota Corolla, 1.6 Mid grade, LHD

2013



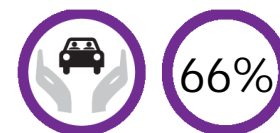
ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

## ADULT OCCUPANT

Total 34 pts | 94%

### FRONTAL IMPACT

15,1 pts



Driver



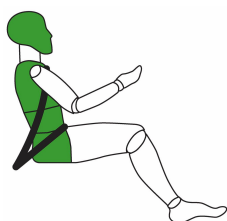
Passenger

### SIDE IMPACT CAR

8 pts

### SIDE IMPACT POLE

7,4 pts



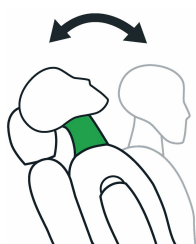
Car



Pole

### REAR IMPACT (WHIPLASH)

3,4 pts



### FRONTAL IMPACT

#### HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

#### CHEST

Passenger compartment	stable
Windscreen Pillar rearward	19mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

#### UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	none
Concentrated loads on knees	none

#### LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	Accelerator - 38mm
Upward pedal movement	Clutch - 3mm

### SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

### WHIPLASH

Seat description	Standard cloth, 6 way manual
Head restraint type	Passive
Geometric assessment	0,9 pts

#### TESTS

- High severity	2,4 pts
- Medium severity	2,6 pts
- Low severity	2,4 pts

## CHILD OCCUPANT

Total 40 pts | 82%

### CRASH TEST PERFORMANCE

#### 18 MONTH OLD CHILD

**Restraint** Toyota Mini  
**Facing** rearward facing  
**Installation** ISOFIX and Supportleg



PERFORMANCE **12 pts**

#### FRONTAL IMPACT

**Head forward movement** protected  
**Head acceleration** good  
**Chest load** good

#### SIDE IMPACT

**Head containment** protected  
**Head acceleration** good

#### 3 YEAR OLD CHILD

**Restraint** Toyota Duo +  
**Facing** forward facing  
**Installation** ISOFIX and TopTether



PERFORMANCE **11,3 pts**

#### FRONTAL IMPACT

**Head forward movement** protected  
**Head acceleration** good  
**Chest load** good

#### SIDE IMPACT

**Head containment** protected  
**Head acceleration** good

### CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isifix

**Safety features score** **6 pts**  
**Installation check score** **11 pts**

**Pass** Install without problem  
**Partial Fail** Install with care  
**Fail** Safety critical problem  
**Exempt** Installation not allowed

	SEAT POSITION							
	FRONT		2nd ROW			3rd ROW		
	CENTER	RIGHT	LEFT	CENTER	RIGHT	LEFT	CENTER	RIGHT
Maxi Cosi Cabriofix (Seatbelt)	N/A	Pass	Pass	Exempt	Pass	N/A	N/A	N/A
Römer King Plus (Seatbelt)	N/A	Pass	Pass	Exempt	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer KidFix (Seatbelt)	N/A	Pass	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (Seatbelt)	N/A	Pass	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Cabriofix and EasyFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
BeSafe iZi Kid X3 ISOfix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Maxi Cosi Pearl and Familyfix (ISOFIX)	N/A	Exempt	P Fail	Exempt	P Fail	N/A	N/A	N/A
Römer KidFix (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Takata Mini (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A
Römer Duo Plus (ISOFIX)	N/A	Exempt	Pass	Exempt	Pass	N/A	N/A	N/A

**PEDESTRIAN**

Total 24 pts | 67%



- GOOD
- ADEQUATE
- MARGINAL
- WEAK
- POOR

<b>HEAD</b>	16,4 pts
<b>PELVIS</b>	1,8 pts
<b>LEG</b>	6 pts

**SAFETY ASSIST**

Total 6 pts | 66%

**SPEED ASSISTANCE SYSTEM** 0 pts

**ELECTRONIC STABILITY CONTROL (ESC)** 3 pts

- VSC Pass

Yaw rate ratio (1.00s) 1,35 %

Yaw rate ratio (1.75s) 1,12 %

Lateral displacement (1.07s) 3,16 m

**SEATBELT REMINDER** 3 pts

- driver and passenger Pass

- rear Pass

## DETAILS OF TESTED CAR

### SPECIFICATIONS

<b>Tested model</b>	Toyota Corolla, 1.6 Mid grade, LHD
<b>Body type</b>	4 door saloon
<b>Year of publication</b>	2013
<b>Kerb weight</b>	1290kg
<b>VIN from which rating applies</b>	applies to all Corollas of the specification tested

### SAFETY EQUIPMENT

Front seatbelt pretensioners

Front seatbelt load limiters

Driver frontal airbag

Front passenger frontal airbag

Side body airbags

Side head airbags

Driver knee airbag

Electronic Stability Control

Seatbelt Reminder

## COMMENTS

### Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knees and femurs of the driver and passenger. Toyota showed that a similar level of protection would be provided to occupants of different statures and to those sat in different positions. In the side barrier test, the Corolla demonstrated good protection of all body regions and scored maximum points. Even in the more severe side pole test, protection of the chest was adequate and that of other body regions was good. The seat and head restraint provided good protection against whiplash injury in the event of a rear-end collision.

### Child occupant

Based on dummy readings in the dynamic tests, the Corolla scored maximum points for its protection of the 1½ year dummy. The head of the 3 year dummy, sat in a forward-facing restraint, did not move forward excessively in the frontal impact. In the side impact, both dummies were properly contained by their restraints, minimising the likelihood of dangerous head contacts with parts of the car interior. The 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. Special care was needed to fit the ISOFIX probes of the group I child restraint in the rear outboard seats. Otherwise, the restraints for which the car is designed could be installed without a problem. From September, the information in the user manual will be revised and the rating reflects this revision. Physical installation of child restraints in earlier cars is unaffected but care should be taken as information in the manual may not be as clear.

### Pedestrian

The bumper scored maximum points with good protection of pedestrians' legs in all areas tested. However, the front edge of the bonnet provided predominantly poor protection to the pelvis of a struck pedestrian. The bonnet surface was mostly good or adequate in the level of protection it offered to the head of a struck pedestrian.

### Safety assist

Electronic stability control is standard equipment and met Euro NCAP's test requirements. The front and rear seats are protected by a standard-fit seatbelt reminder system. There is no speed limitation device on the Corolla.