

Subaru Outback

Subaru Outback 2.0 diesel 'EyeSight', LHD

2014 ★★★★★



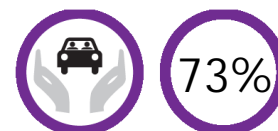
ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

DETAILS OF TESTED CAR

SPECIFICATIONS

| | |
|-------------------------------|---|
| Tested model | Subaru Outback 2.0 diesel 'EyeSight', LHD |
| Body type | 5 door wagon |
| Year of publication | 2014 |
| Kerb weight | 1682kg |
| VIN from which rating applies | applies to all Outbacks of the specification tested |

SAFETY EQUIPMENT

| | |
|------------------------------|--|
| Frontal airbags | Driver (Single Stage), Passenger (Single Stage) |
| Pre-tensioners | Driver (single), Passenger (single) |
| Load-limiters | Driver, Passenger |
| Knee airbags | Driver |
| Side airbags | Head (front and rear), Thorax (front only) |
| Front head restraints | Passive |
| Passenger airbag switch | Automatic switch |
| ISOFIX anchorages | Rear outboard seats |
| Integrated child restraint | None |
| Active Pedestrian Protection | None, |
| Seatbelt Reminder | Driver, Passenger, Rear |
| Electronic Stability Control | VDC, Standard, Manual Switch |
| Speed Assistance Systems | Not Available |
| Lane Support | Lane Departure Warning, Optional (meeting fitment requirements) |
| Autonomous Braking | EyeSight, Inter-Urban (Auto-Brake and Forward Collision Warning) system, Optional (meeting fitment requirements) |
| Other | Not applicable |

Safety equipment is standard across the model range unless stated otherwise

ADULT OCCUPANT

Total 32 pts | 85%

CRASH TEST PERFORMANCE

FRONT OFFSET

14,5 pts



Driver



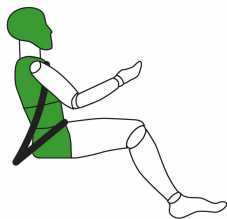
Passenger

SIDE CAR

8 pts

SIDE POLE

7,3 pts



Side car

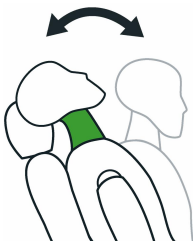


Side pole

WHIPLASH PROTECTION

FRONT, REAR SEATS

2,6 pts



Front seats



Rear seats

FRONT OFFSET

HEAD

| | |
|--------------------------|--------|
| Driver airbag contact | stable |
| Passenger airbag contact | stable |

CHEST

| | |
|-----------------------------------|--------|
| Passenger compartment | stable |
| Windscreen Pillar rearward | 4mm |
| 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 | Brake - 46.26mm |
| Upward pedal movement | Brake - 13.12mm |

SIDE

| | |
|-------------------------|-----|
| Head protection airbag | Yes |
| Chest protection airbag | Yes |

HEAD RESTRAINT

| | |
|----------------------------|---------------------------------|
| Seat description | Standard cloth, 10 way electric |
| Head restraint type | Passive |
| Front geometric assessment | 2 pts |

TESTS

| | |
|-------------------|---------|
| - High severity | 1,9 pts |
| - Medium severity | 2,4 pts |
| - Low severity | 2,4 pts |

AEB CITY

0 pts

| | |
|-------------|---|
| System name | Not applicable |
| Fitment | Optional (not meeting fitment requirements) |



CHILD OCCUPANT

Total 43 pts | 87%

CRASH TEST PERFORMANCE

18 MONTH OLD CHILD

Restraint FAIR G0/1
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 Römer Duo Plus
Facing forward facing
Installation ISOFIX and TopTether



PERFORMANCE **10,8 pts**

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load fair

SIDE IMPACT

Head containment protected
Head acceleration good

CHILD SAFETY FEATURES AND CRS INSTALLATION CHECK



Isifix

Safety features score **8 pts**
Installation check score **12 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 | Exempt | Pass | Pass | Pass | N/A | N/A | N/A |
| Römer King Plus (Seatbelt) | N/A | Pass | Pass | Pass | 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 | Exempt | Pass | Exempt | Pass | N/A | N/A | N/A |
| Maxi Cosi Cabriofix and EasyFix (Seatbelt) | N/A | Exempt | Pass | Pass | 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 | Pass | Exempt | Pass | N/A | N/A | N/A |
| Römer KidFix (ISOFIX) | N/A | Exempt | Pass | Exempt | Pass | N/A | N/A | N/A |
| FAIR G0/1 (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 |

TEST RESULTS

SAFETY ASSIST

Total 10 pts | 73%

SPEED ASSISTANCE SYSTEM 0 pts

SEATBELT REMINDER 3 pts

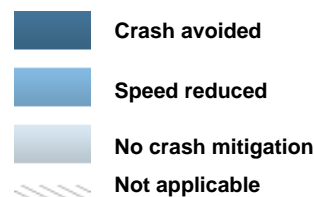
- driver and passenger Pass
- rear Pass

ELECTRONIC STABILITY CONTROL (ESC) 3 pts

Meets requirements

LANE SUPPORT SYSTEMS 1 pts

AEB INTERURBAN SYSTEMS 2,6 pts



APPROACHING A STATIONARY VEHICLE

Approaching speed (km/h) 10 20 30 40 50 60 70 80



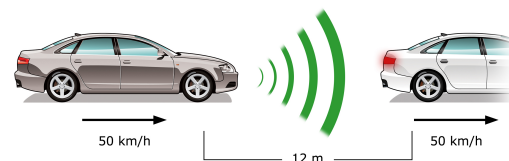
APPROACHING A SLOW MOVING VEHICLE

Approaching speed (km/h) 10 20 30 40 50 60 70 80



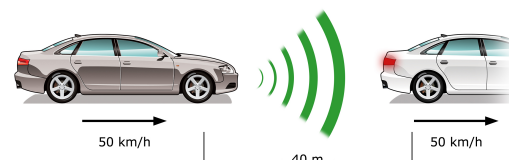
APPROACHING A BRAKING VEHICLE WITH SHORT HEADWAY

Leading vehicle braking Gentle (2 m/s²) Abrupt (6m/s²)



APPROACHING A BRAKING VEHICLE WITH LONG HEADWAY

Leading vehicle braking Gentle (2 m/s²) Abrupt (6m/s²)



TEST RESULTS

PEDESTRIAN

Total 25 pts | 70%



| | |
|--------|----------|
| HEAD | 18,9 pts |
| PELVIS | 0,4 pts |
| LEG | 6 pts |



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 the passenger. Subaru showed that the same level of protection would be provided to occupants of different statures and to those sat in different positions, whose knees may contact the dashboard in a different place. The Outback scored maximum points in the side impact barrier test, with good protection of all critical body areas. In the more severe side pole impact, protection of the chest and abdomen was adequate, while that of the head and pelvis was good. Tests on the front seats and head restraints, and a geometric assessment of the rear restraints, indicated good protection against whiplash injuries in the event of a rear-end collision. Subaru's 'EyeSight' autonomous braking system operates from low, city-type speeds to higher speeds typical of inter-urban driving. As the system is not standard, its functionality at low speeds did not qualify for assessment.

Child occupant

The Outback scored maximum points for its protection of the 1½ year dummy in the dynamic crash tests. Forward movement of the head of the 3 year dummy, sat in a forward-facing restraint, was not excessive although forces in the chest and neck were marginally high. In the side impact, both dummies were properly contained within the protective shells of their restraints, minimising the risk of dangerous head contact with the vehicle interior. The front passenger airbag of the Outback is by default off, allowing a rearward facing child restraint to be safely used in that seating position. The airbag is turned on only when an occupant of a suitable size is detected in the seat. The system met Euro NCAP's requirements and was rewarded. All of the restraint types for which the car is designed could be properly installed and accommodated in the car.

Pedestrian

The bumper provided good protection to pedestrians' legs in all areas tested. However, the front edge of the bonnet showed poor results in almost all areas tested. The protection provided by the bonnet surface to a pedestrian's head was good or adequate in most areas tested with poor results recorded only on the stiff windscreen pillars.

Safety assist

The Outback as electronic stability control as standard equipment, together with a seatbelt reminder for the front and rear seats. While a speed assistance system is not available, a lane support system is an option. As it is expected to be fitted to most cars sold, it was included in the assessment and met Euro NCAP's requirements. As the 'EyeSight' system is an option which is expected to be fitted to most cars sold, its functionality at higher speeds, typical of open-road driving, was assessed and its performance was rated as good.