

ANCAP Safety Rating

SUBARU LEVORG (June 2016 – February 2021)



Subaru Levorg

This ANCAP safety rating applies to:

| | |
|--------------|---------------------------|
| Make / Model | Subaru Levorg |
| Year Range | June 2016 – February 2021 |
| Variant(s)* | All variants |
| Vehicle Type | Small Car |

The Subaru Levorg was introduced in Australia and New Zealand in June 2016. This ANCAP safety rating is based on an ANCAP rating of the Subaru WRX which was assessed under ANCAP's Niche Vehicle Policy. It applies to all 2.0L and 1.6L engine variants.

Dual frontal, side chest and side-head protecting airbags (curtains) and a driver knee airbag are standard. Autonomous emergency braking (AEB) and lane support systems (LSS) are standard features on all Levorg variants. A full list of safety features and technologies can be viewed within the *Safety Features & Technologies* table on page 2 of this report.

Injury Outcomes.

Frontal Offset Driver



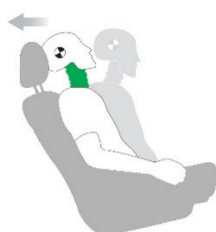
Passenger



Side Impact & Pole# Driver



Whiplash Protection Driver



Test Results Summary.

| | |
|-----------------------|--------------------------------|
| Airbags | Dual Frontal, Side, Head, Knee |
| Frontal Offset Test | 14.85 (out of 16) |
| Side Impact Test | 16.00 (out of 16) |
| Pole Test | 2.0 (out of 2) |
| Whiplash Protection | Good |
| Pedestrian Protection | Good |
| ESC | Standard |
| Seat Belt Reminders | 3.0 (out of 3) |
| Overall Score | 35.85 (out of 37) |
| ANCAP Safety Rating | ★★★★★ |
| Rating Year^ | 2016 |

Occupant Protection.

Frontal Offset Test

Each body region is scored out of 4 points

| | |
|--------------|-------------|
| Head / neck: | 4.00 points |
| Chest: | 3.47 points |
| Upper legs: | 4.00 points |
| Lower legs: | 3.38 points |

The passenger compartment held its shape well in the frontal offset test. Pedal and steering wheel displacements were well controlled. Driver and passenger contact with the airbags was stable. All doors remained closed during the crash. After the crash, all doors could be opened with normal effort.

Side Impact Test

Each body region is scored out of 4 points

| | |
|----------|-------------|
| Head: | 4.00 points |
| Chest: | 4.00 points |
| Abdomen: | 4.00 points |
| Pelvis: | 4.00 points |

Good protection was provided for the driver in the side impact test.

Pole Test

Scored out of 2 points

| | |
|--------|-------------|
| Score: | 2.00 points |
|--------|-------------|

The vehicle was eligible for a side pole test because it has side head-protecting (curtain) airbags. There was good head protection for the driver in the side pole test.

Whiplash Protection Test

Whiplash protection is assessed to the RCAR Protocol

| | |
|--------------------------|------|
| Geometric test: | Good |
| Dynamic test: | Good |
| Overall whiplash rating: | Good |

Head protection only.

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Pedestrian Protection.

Pedestrian Test

Scored out of 36 points

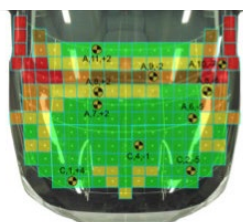
Adult & child head impacts: 18.25 points

Upper leg impacts: 4.06 points

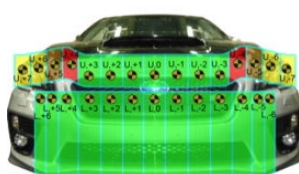
Lower leg impacts: 6.00 points

This vehicle scored 28.31 out of 36 points (Good). Good protection is provided in most areas likely to be struck by a pedestrian. (v5.3)

Child and adult head impact



Adult leg impact (upper and full legforms)



Score Deductions.

Deductions from frontal offset test scores

Head / neck: No deductions
Chest: No deductions
Upper legs: No deductions
Lower legs: No deductions

Deductions from side impact test score

Head / neck: No deductions
Chest: No deductions
Upper legs: No deductions
Lower legs: No deductions

Deductions from pole test score

Head: No deductions

Safety Features & Technologies.

Descriptions of each of these safety features and safety assist technologies (SAT) and detail on fitting requirements for each star rating level can be found at ancap.com.au.

| Safety Feature / Safety Assist Technology | Availability |
|---|--------------|
| Seat belts (three-point, lap/sash) for all forward-facing seats | S |
| Seat belt pretensioners (front) | S |
| Seat belt pretensioners (rear outboard) | X |
| Intelligent seat belt reminder (driver) | S |
| Intelligent seat belt reminder (front passenger) | S |
| Intelligent seat belt reminder (2 nd row seats) | S |
| Airbag - Frontal (driver) | S |
| Airbag - Frontal (passenger) | S |
| Airbag - Side, chest protection (front seats) | S |
| Airbag - Side, chest protection (2 nd row seats) | X |
| Airbag - Side, head protection (front seats) | S |
| Airbag - Side, head protection (2 nd row seats) | S |
| Airbag - Knee (driver) | S |
| Airbag - Knee (front passenger) | X |
| Head restraints for all seats | S |
| Adaptive cruise control (ACC) | S |
| Antilock braking system (ABS) | S |
| Autonomous emergency braking (AEB) | |
| - City | S |
| - Interurban | S |
| - Vulnerable road user | S |
| Automatic headlights | V |
| Automatic high beam | V |
| Blind spot monitoring (BSM) | V |
| Electronic brakeforce distribution (EBD) | S |
| Electronic stability control (ESC) | S |
| Emergency brake assist (EBA) | S |
| Fatigue reminder | S |
| Lane support system (LSS) | S |
| Daytime running lights (DRL) | S |
| Hill launch assist | S |
| Pre-crash systems | S |
| Reversing collision avoidance | S |
| Speed assistance - automatic/intelligent speed limiting (ISA) | X |
| Speed assistance - manual speed limiting | X |
| Speed assistance - speed sign recognition & warning | X |
| Tyre pressure monitoring system (TPMS) | E |

S = Standard on all variants.

O = Optional on base variant. May be standard on higher variants.

V = Not available on base variant but standard or optional on higher variants.

X = Not available on any variant.

E = Available in Europe / USA but not available on any Australasian variant.

These specifications are subject to change. Please check with the manufacturer for the latest specifications.

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Injury Values & Measurements.

| Body Region | Frontal offset test at 64 km/h (v5.1) | | Side impact test at 50 km/h (v5.1) |
|--------------------------------|---------------------------------------|-------------|------------------------------------|
| | Driver | Passenger | Driver |
| Head | | | |
| HIC | 278.00 | 275.00 | 40.00 |
| Acceleration (g for 3ms) | 40.30 | 44.70 | 21.60 |
| Neck | | | |
| Shear (kN) | 0.37 | 0.56 | - |
| Tension (kN) | 1.08 | 0.70 | - |
| Extension (Nm) | 11.40 | 26.70 | - |
| Chest | | | |
| Acceleration (g for 3ms) | - | - | - |
| Compression (mm) | 25.69 | 22.67 | 13.20 |
| Viscous criterion (m/s) | 0.08 | 0.09 | 0.09 |
| Abdomen | | | |
| Force (kN) | - | - | 0.67 |
| Pelvis | | | |
| Force (kN) | - | - | 1.11 |
| Upper legs | | | |
| Femur force left (kN) | 1.52 | 1.00 | |
| Femur force right (kN) | 1.34 | 2.16 | |
| Knee displacement left (mm) | 2.62 | 0.23 | |
| Knee displacement right (mm) | 4.21 | 0.74 | |
| Lower legs | | | |
| Force left (kN) | 2.34 | 2.58 | |
| Force right (kN) | 2.66 | 2.32 | |
| Index (upper / lower) left | 0.38 / 0.43 | 0.43 / 0.28 | |
| Index (upper / lower) right | 0.54 / 0.49 | 0.46 / 0.54 | |
| Intrusion Measurements* | | | |
| Steering column | | | |
| Rearward (mm) | 52 | | |
| Upward (mm) | 32 | | |
| Sideways (mm) | 0 | | |
| Pedals | | | |
| Accelerator - rearward (mm) | 47 | | |
| Accelerator - upward (mm) | 35 | | |
| A-Pillar | | | |
| Rearward (mm) | 3 | | |

* Steering column and pedal movements are measured relative to the driver's seat.

* **Model Variants:** ANCAP safety ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases, ANCAP considers technical evidence submitted by manufacturers before deciding on extending a rating to additional variants of a model. For further information about the application of ANCAP safety ratings to model variants, see the ANCAP Variant Policy.

^ **Rating Year:** The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and may be based on the year in which a new vehicle model is first launched into the Australian and/or New Zealand markets; the year in which the vehicle was tested (if tested by Euro NCAP); or, for vehicles which hold an existing ANCAP safety rating, the year in which the rating was updated (or earlier applicable year).

Assessment Details.

| | |
|----------------------------|------------------|
| Tested Make / Model | Subaru WRX |
| Tested Vehicle(s) Built | 2014 |
| Tested Body Type | Sedan |
| Tested Vehicle Kerb Weight | 1560 kg |
| Tested Vehicle Engine | 2.0 litre petrol |
| Tested By | ANCAP |
| Assessed By | ANCAP |
| Document Reference | LEVORG16 |
| Document Created / Revised | 23 June 2016 |
| Rating Published | June 2016 |
| Rating Updated | 23/8/17 |



Frontal offset test at 64km/h (Subaru WRX)