

## Subaru Impreza



2009

|                           | Adult Occupant | Child Occupant | Pedestrian | Safety Assist |           |
|---------------------------|----------------|----------------|------------|---------------|-----------|
| Score                     | 30.076         | 35.734         | 25.745     | 4.000         |           |
| Max Points available      | 36             | 49             | 36         | 7             |           |
| Normalised Score (%)      | <b>84</b>      | <b>73</b>      | <b>72</b>  | <b>57</b>     |           |
| Weighting (%)             | 50             | 20             | 20         | 10            | TOTAL     |
| Weighted Percentage Score | 42.0           | 14.6           | 14.4       | 5.7           | <b>77</b> |

### Rating Requirements (2009)

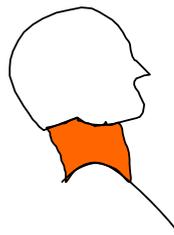
|       | Normalised Score (%) |    |    |    | TOTAL |
|-------|----------------------|----|----|----|-------|
| ★★★★★ | 75                   | 70 | 25 | 60 | 70    |
| ★★★★  | 60                   | 55 | 15 | 40 | 55    |
| ★★★   | 30                   | 30 | 10 | 25 | 45    |
| ★★    | 25                   | 25 | 5  | 15 | 35    |
| ★     | 15                   | 15 | 0  | 5  | 20    |



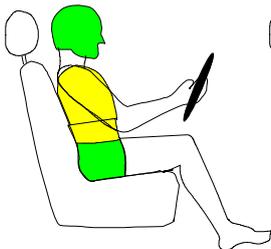
Driver



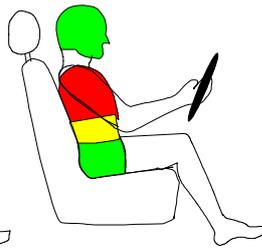
Passenger



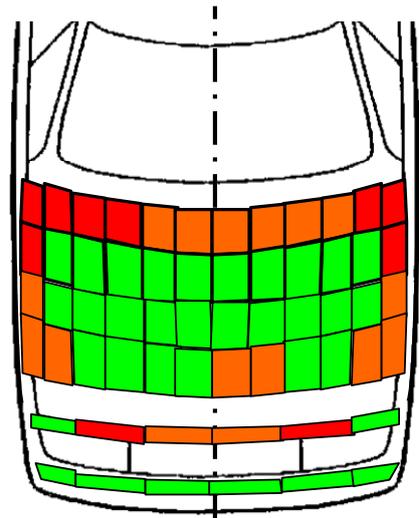
Rear Impact (Whiplash)



Side



Pole



| <b>TEST RESULTS IN FULL</b>                        |   |
|--|---|
| <b>FRONTAL IMPACT HEAD</b>                         |   |
| Driver airbag contact                              | stable  |
| Passenger airbag contact                           | stable  |
| Steering Wheel                                     |   |
| rearward displacement                              | 35mm  |
| upward displacement                                | 7mm   |
| lateral displacement                               | 18mm to the right   |
| <b>FRONTAL IMPACT CHEST</b>                        |   |
| Contact with steering wheel                        | none  |
| Screen pillar rearward                             | 3mm   |
| Passenger compartment integrity                    | stable  |
| <b>FRONTAL IMPACT UPPER LEGS, KNEES AND PELVIS</b> |   |
| Stiffer structures present                         | none  |
| Concentrated knee loading                          | none  |
| <b>FRONTAL IMPACT LOWER LEGS, FEET AND ANKLES</b>  |   |
| Rearward pedal displacement                        | accelerator - 104mm   |
| Upward pedal displacement                          | accelerator - 35mm  |
| Footwell rupture                                   | none  |
| <b>SIDE IMPACT AIRBAGS</b>                         |   |
| Head protection airbag                             | yes   |
| Torso protection airbag                            | yes   |
| <b>CHILD PROTECTION</b>                            |   |
| Restraints used                                    |   |
| 18 month old                                       | Subaru branded Britax Romer Baby Safe Plus, rearward facing using ISOFIX anchorages and support leg |
| 3 year old   | Subaru branded Britax Romer Duo Plus, forward facing using ISOFIX anchorages and top-tether         |
| <b>CHILD RESTRAINTS FRONTAL IMPACT</b>             |   |
| Airbag disabling/warning label                     | Text and pictogram warning label permanently attached to both sides of the passenger sun visor.     |
| Forward head movement                              |   |
| 18 mth old (behind passenger)                      | protected   |
| 3 year old (behind driver)                         | protected   |
| Chest Protection                                   |   |
| 18 mth old: total load                             | fair  |
| vertical load                                      | fair  |
| 3-year-old: total load                             | good  |
| vertical load                                      | good  |
| <b>CHILD RESTRAINTS SIDE IMPACT</b>                |   |
| Head protection                                    |   |
| 18 mth old (struck side)                           | protected   |
| 3 year old (non-struck side)                       | protected   |
| Head acceleration                                  |   |
| 18 mth old   | good  |
| 3 year old   | good  |

## CAR TESTED



|  |   |
|--|---|
| Make, model and hand of drive                      | Subaru Impreza 2.0R, RHD  |
| Body type  | 5 door hatchback  |
| Year tested  | 2009  |
| Kerb weight  | ???   |
| Chassis number from which Euro NCAP rating applies | applies to Imprezas ordered from February 18 onwards  |
| Safety Equipment                                   | Driver and passenger single stage frontal airbags; side impact chest airbag; side impact head airbag; front seatbelt pretensioners and load-limiters; ISOFIX and top-tether anchorages in rear outboard seats; driver's seatbelt reminder; electronic stability control |



# Subaru Impreza

## COMMENTS

|                              |  |
|------------------------------|--|
| <b>ADULT OCCUPANT</b>        | The passenger compartment remained stable in the frontal test, the windscreen pillar moving rearward by only 3mm. The knees and femurs of both the driver and passenger were well protected. Subaru showed that occupants of different sizes, or those sat in different positions, would be similarly well protected. High rib deflections indicated poor protection of the chest in the side pole test. Inspection of the car after the side barrier impact revealed that the rear door on the struck side was prevented from opening fully only by the secondary latch, for which the car was penalised. The protection offered against whiplash injury was rated as marginal. |
| <b>CHILD PROTECTION</b>      | Based on dummy readings alone, the Impreza scored maximum points for protection of the 3 year old in the front and side impacts. The passenger airbag cannot be disabled so a rearward facing child restraint should not be used in that seating position. The label warning of the dangers of doing so was not available in the languages of all the countries in which the car is sold and was not rewarded. The presence of ISOFIX anchorages in the rear outboard seats was not clearly marked.  |
| <b>PEDESTRIAN PROTECTION</b> | The bumper scored maximum points for the protection offered to pedestrian's legs. The bonnet offered good protection in most areas likely to be hit by a child's head.   |
| <b>SAFETY ASSIST</b>         | As a result of Euro NCAP's new rating scheme, Subaru have made electronic stability control more widely available. From the middle of February 2009, Subaru Vehicle Dynamics Control is available as standard on most Impreza variants and as an option on all others throughout Europe. Consumers should be aware that some cars in stock may not be equipped with Vehicle Dynamics Control and Euro NCAP encourages them to choose those which are. The car has a seatbelt reminder system for the driver's seat.  |

**Euro NCAP's rating applies fully only to the model with the specifications detailed here. Some equipment may not be fitted as standard to all versions in all countries. You should ensure that your car is fitted with the safety equipment you require.**



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