

EUROPEAN NEW CAR  
ASSESSMENT PROGRAMME  
**Subaru Legacy**

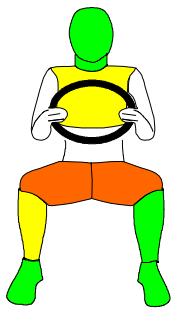


**2009**

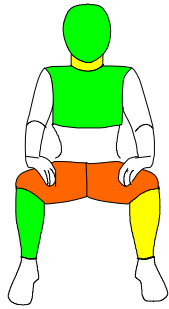
	Adult Occupant	Child Occupant	Pedestrian	Safety Assist	
Score	28.512	35.804	20.878	5.000	
Max Points available	36	49	36	7	
Normalised Score (%)	<b>79</b>	<b>73</b>	<b>58</b>	<b>71</b>	
Weighting (%)	50	20	20	10	TOTAL
Weighted Percentage Score	39.5	14.6	11.6	7.1	<b>73</b>

**Rating Requirements (2009)**

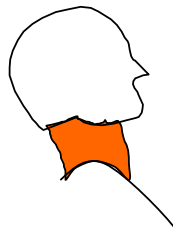
	Normalised Score (%)				TOTAL
★★★★★★	75	70	25	60	70
★★★★★	60	55	15	40	55
★★★★	30	30	10	25	45
★★★	25	25	5	15	35
★★	15	15	0	5	20



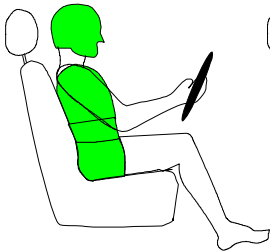
Driver



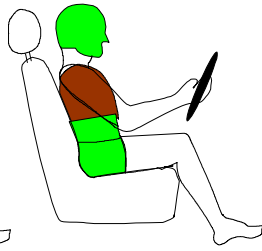
Passenger



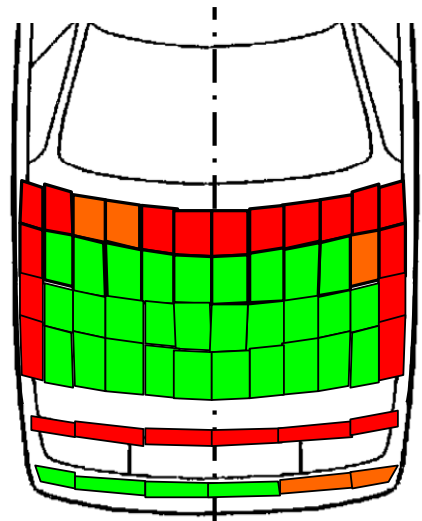
Rear Impact (Whiplash)



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	none
upward displacement	none
lateral displacement	25mm to the right
<b>FRONTAL IMPACT CHEST</b>	
Contact with steering wheel	none
Screen pillar rearward	2mm
Passenger compartment integrity	stable
<b>FRONTAL IMPACT UPPER LEGS, KNEES AND PELVIS</b>	
Stiffer structures present	yes: steering column, column bracket and adjuster lever; centre console; glove box lid
Concentrated knee loading	yes: steering column, column bracket and adjuster lever; glove box lid
<b>FRONTAL IMPACT LOWER LEGS, FEET AND ANKLES</b>	
Rearward pedal displacement	brake - 71mm
Upward pedal displacement	none
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	Britax Römer Baby Safe, rearward facing using ISOFIX anchorages and support frame
3 year old	Britax Römer 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	fair
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

<b>CAR TESTED</b>	
Make, model and hand of drive	Subaru Legacy 2.0D, LHD
Body type	5 door wagon
Year tested	2009
Kerb weight	
Chassis number from which Euro NCAP rating applies	applies to all Legacies of the specification tested
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; anti-whiplash head restraints; electronic stability control; driver and front passenger seatbelt reminder.

## COMMENTS

<b>ADULT OCCUPANT</b>	The passenger compartment remained stable in the frontal impact. Structures in the dashboard presented a risk of injury to the knees and femurs of the driver and front passenger, and protection of that body region was rated as marginal. Good protection was provided in the side barrier test and the car scored maximum points. In the more severe side pole impact, readings from the dummy chest indicated a weak level of protection. Marginal protection was provided against whiplash injuries in the event of a rear impact.
<b>CHILD PROTECTION</b>	Forward movement of the 3 year dummy's head was not excessive in the frontal impact. In the side impact, the heads of both dummies were properly contained by their respective restraints. The passenger airbag can be disabled by Subaru dealers to allow a rearward facing child restraint to be used in that seating position. The dangers of doing so without first disabling the airbag are explained in a sun visor label which is permanently attached, but this label is not available in all European languages.
<b>PEDESTRIAN PROTECTION</b>	The bumper offered good protection to pedestrians' legs in most areas. The bonnet also performed well in most areas likely to be struck by the head of an adult or a child. However, the front edge of the bonnet scored no points for the protection it offered to pedestrians.
<b>SAFETY ASSIST</b>	Electronic stability control is standard equipment on the Legacy, as is a seatbelt reminder for the driver and front passenger seats.

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.



[www.euroncap.com](http://www.euroncap.com)

EUROPEAN NEW CAR  
ASSESSMENT PROGRAMME