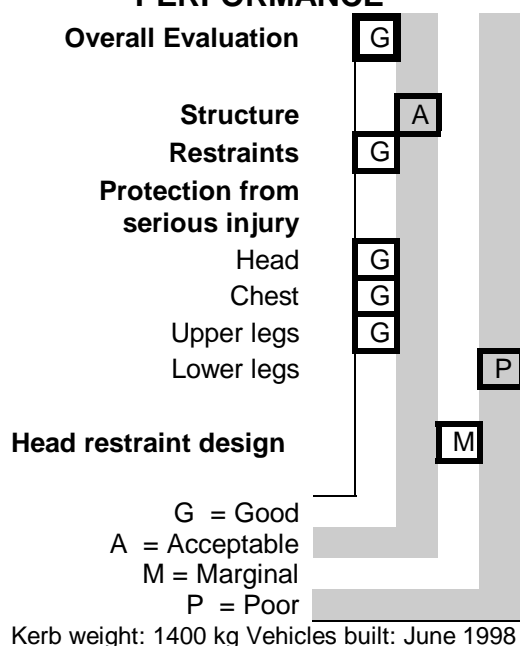


# New Car Safety Crash Tests 1998-99 Subaru Forester Dual Airbags

## FRONTAL CRASH TEST PERFORMANCE



### OVERALL EVALUATION : GOOD

The passenger compartment of the Forester held its shape reasonably well in both crash tests. Protection from serious injury was good for both the driver and passenger except protection from serious lower leg injury was poor for the driver in the offset crash test.

#### Safety features

Dual airbags are standard equipment on the Limited and GT variants and are optional as part of a \$2,000 safety pack on the standard variant.

The front seat belt buckles are mounted on the seats and the upper anchorages are adjustable. These features improve the fit of the seat belt.

All seats except the centre rear seat have adjustable head restraints.

### STRUCTURE : ACCEPTABLE

#### Full frontal crash test

The passenger compartment held its shape well in the full frontal crash test. All doors remained closed during the crash. After the crash all doors could be easily opened.

#### Offset crash test

The passenger compartment held its shape reasonably well in the offset crash test. The front part of the driver's floor was pushed rearwards 25cm and the brake pedal also moved rearwards by 25cm. The dash moved 17cm towards the driver. The width of the driver's doorway shortened by 14cm. All doors remained closed during the crash. After the crash all doors could be easily opened.



Offset crash test at 64km/h

### RESTRAINTS: GOOD

#### Full frontal crash test

Airbags cushioned the head of the driver and passenger and protection from serious head injury was good for both. The driver's knees hit the dash. The passenger's knees hit the glove box.

#### Offset crash test

Airbags cushioned the head of the driver and passenger and protection from serious head injury was good for both. The steering column moved to the right but this did not affect driver airbag performance. The driver's knees hit the dash and steering column. The passenger's knees hit the glove box.

### INJURY MEASUREMENTS

Refer to the information sheet "How the evaluations are performed" for more details

	Full Frontal Crash Test at 56km/h		Offset Crash Test at 64km/h	
	Driver	Passn	Driver	Passn
Head (HIC)	521	320	257	no data
Chest (mm)	43	34	39	41
Chest (g)	39	43	43	43
Upper legs L	5.1	1.4	5.2	1.2
(kN) R	3.7	1.9	6.2	1.1
Lower leg L	-	-	0.86	-
index R	-	-	1.23	-
Injury Risk %	9%	9%	9%	-
Overall Injury Risk			9%	-

Injury risk is the probability of receiving a life-threatening injury. It is based on dummy head & chest measurements.



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