

# MG HS

DECEMBER 2019 - ONWARDS  
ALL VARIANTS



TESTED  
2019



92%

ADULT OCCUPANT  
PROTECTION



83%

CHILD OCCUPANT  
PROTECTION



64%

VULNERABLE ROAD USER  
PROTECTION



77%

SAFETY  
ASSIST



MG HS

## OVERVIEW

The MG HS was introduced in Australia and New Zealand in December 2019. This ANCAP safety rating applies to all variants.

Dual frontal, side chest-protecting and side head-protecting (curtain) airbags are standard.

Autonomous emergency braking (City, Interurban and Vulnerable Road User), and lane keep assist (LKA) with lane departure warning (LDW), are standard on all variants.

ANCAP SAFETY RATING



RATING YEAR (DATESTAMP)

2019

VEHICLE TYPE

MEDIUM SUV

AIRBAGS

Dual frontal, side head,  
side chest

## RATING APPLICABILITY

VARIANT	BODY TYPE	ENGINE	DRIVETRAIN	AUS	NZ
MG HS Vibe	5 door SUV	1.5 litre petrol	2WD	✓	✓
MG HS Excite	5 door SUV	1.5 litre petrol	2WD	✓	✓

✓ COVERED BY THIS RATING

✗ NOT COVERED BY THIS RATING

◆ TESTED VARIANT - NOT APPLICABLE

# ADULT OCCUPANT PROTECTION



**92%**

35.22 POINTS  
OUT OF 38

The passenger compartment of the MG HS remained stable in the frontal offset test. Protection of the driver and passenger's chest was ADEQUATE. Structures in the dashboard were a potential source of injury for the driver and protection of the upper legs was rated ADEQUATE. GOOD protection was offered for all other critical body regions.

In the full width frontal test, protection of the driver dummy was GOOD for all critical body regions. Protection of the rear passenger chest was ADEQUATE.

In the side impact test, protection offered to all critical body regions of the driver was GOOD.

In the oblique pole test, chest protection was WEAK, with GOOD protection of all other critical body areas.

The autonomous emergency braking (AEB) system scored maximum points with GOOD performance in low-speed test scenarios typical of city driving.

FRONTAL OFFSET#	7.31 (out of 8)
FULL WIDTH FRONTAL#	7.61 (out of 8)
SIDE IMPACT#	8.00 (out of 8)
OBLIQUE POLE#	6.55 (out of 8)
WHIPLASH PROTECTION	1.76 (out of 2)
AEB - City	4.00 (out of 4)

# Scaled scores. Total test scored out of 16.00 points.

## FRONTAL OFFSET TEST (64 KM/H)



### Driver

Head / neck:	4.00 pts
Chest:	3.13 pts
Upper legs:	3.50 pts
Lower legs:	4.00 pts
Deductions:	-0.50 pts (variable contact)



### Front Passenger

Head / neck:	4.00 pts
Chest:	3.75 pts
Upper legs:	4.00 pts
Lower legs:	4.00 pts
Deductions:	Nil

## FULL WIDTH FRONTAL TEST (50 KM/H)



### Driver

Head:	4.00 pts
Neck:	4.00 pts
Chest:	4.00 pts
Upper legs:	4.00 pts
Deductions:	Nil



### Rear Passenger

Head:	4.00 pts
Neck:	3.70 pts
Chest:	2.72 pts
Upper legs:	4.00 pts
Deductions:	Nil

## SIDE IMPACT TEST (50 KM/H)



### Driver

Head:	4.00 points
Chest:	4.00 points
Abdomen:	4.00 points
Pelvis:	4.00 points
Deductions:	Nil

## OBLIQUE POLE TEST (32 KM/H)



### Driver

Head:	4.00 points
Chest:	1.09 points
Abdomen:	4.00 points
Pelvis:	4.00 points
Deductions:	Nil

## WHIPLASH (REAR IMPACT) PROTECTION TEST



### Rear Passenger

Rear:	0.50 points
Front:	1.26 points



### Driver / Front Passenger

## AEB - CITY (10-50 KM/H)

Score: 4.00 points

OVERLAP	-50%	-75%	100%	75%	50%
PERFORMANCE	GOOD				

GOOD ADEQUATE MARGINAL WEAK POOR

# CHILD OCCUPANT PROTECTION



**83%**

40.96 POINTS  
OUT OF 49

In the frontal offset test, protection of the neck of the 6 year dummy was ADEQUATE and WEAK for the 10 year dummy, while the protection offered to all other critical body regions was GOOD.

In the side impact test, protection of the head of the 10 year dummy was WEAK while protection of other body areas of both the 6 year and 10 year dummies was GOOD.

The MG HS is fitted with lower ISOFix anchorages on the rear outboard seats and top tether anchorages for all rear seating positions.

Installation of typical child restraints available in Australia and New Zealand showed that all of the selected child restraints could be accommodated in each of the rear seating positions and full points were scored for this assessment.

<b>DYNAMIC TEST (FRONT)</b>	14.30 (out of 16)
<b>DYNAMIC TEST (SIDE)</b>	6.65 (out of 8)
<b>RESTRAINT INSTALLATION</b>	12.00 (out of 12)
<b>ON-BOARD SAFETY FEATURES</b>	8.00 (out of 13)

## FRONTAL OFFSET TEST (64 KM/H)

## SIDE IMPACT TEST (50 KM/H)



6 year old

10 year old

10 year old

6 year old

## ON-BOARD SAFETY FEATURES

FEATURE	FRONT PASSENGER	2nd ROW OUTBOARD	2nd ROW CENTRE	3rd ROW OUTBOARD	3rd ROW CENTRE
ISOFix	×	●	×	-	-
Integrated child restraints	×	×	×	-	-
Top tether anchorage	×	●	●	-	-
Airbag disabling	×	-	-	-	-

● FITTED TO TEST CAR AS STANDARD    ● NOT FITTED TO TEST CAR BUT AVAILABLE AS AN OPTION    × NOT AVAILABLE    - NOT APPLICABLE

**NOTE:** The child restraints fitted to vehicles tested by Euro NCAP are relevant to the European market. For Australasian consumers, this information should be used as a guide to vehicle features only. The Child Restraint Evaluation Program (CREP) provides an independent assessment on the safety of Australasian child restraints - see [www.childcarseats.com.au](http://www.childcarseats.com.au).

GOOD    ADEQUATE    MARGINAL    WEAK    POOR

# CHILD OCCUPANT PROTECTION



83%

40.96 POINTS  
OUT OF 49

## CHILD RESTRAINT INSTALLATION\*

CHILD RESTRAINT (CRS) TYPE <sup>^</sup>		FRONT ROW	2nd ROW			3rd ROW			
		PASSENGER	LEFT	CENTRE	RIGHT	LEFT	CENTRE	RIGHT	
BELTED	TYPE A	Rearward facing capsule	×	●	●	●	-	-	-
		Rearward facing with harness - convertible (Model A)	×	●	●	●	-	-	-
		Rearward facing with harness - convertible (Model B)	×	●	●	●	-	-	-
	TYPE B	Forward facing with harness - convertible (Model A)	×	●	●	●	-	-	-
		Forward facing with harness - convertible (Model B)	×	●	●	●	-	-	-
	TYPE E	Booster - 4 to 8 years	×	●	●	●	-	-	-
TYPE F	Booster - 4 to 10 years	×	●	●	●	-	-	-	
ISOFIX	TYPE A	Rearward facing capsule	×	●	-	●	-	-	-
		Rearward facing with harness - convertible (Model A)	×	●	-	●	-	-	-
		Rearward facing with harness - convertible (Model B)	×	●	-	●	-	-	-
	TYPE B	Forward facing with harness - convertible (Model A)	×	●	-	●	-	-	-
		Forward facing with harness - convertible (Model B)	×	●	-	●	-	-	-

\* Installation of each child restraint is assessed separately in each position. Installation of multiple restraints has not been assessed and may not be possible.

<sup>^</sup> The above list of child restraints has been selected to provide a general indication of the rated vehicle's ability to accommodate various CRS types. ANCAP does not endorse or recommend any one CRS brand or model, nor does it rate the safety of child restraints.

● INSTALL WITHOUT PROBLEM   ● INSTALL WITH CARE   ● CANNOT BE FITTED SAFELY   × INSTALLATION NOT ALLOWED   - NOT APPLICABLE / NOT ASSESSED

# VULNERABLE ROAD USER PROTECTION



64%

30.81 POINTS  
OUT OF 48

The bonnet provided predominantly GOOD or ADEQUATE protection to the head of a struck pedestrian, while MARGINAL to POOR results were recorded at the rear of the bonnet, at the base of the windscreen and on the stiff windscreen pillars.

Protection of the pelvis area was mostly POOR, while protection of the pelvis was GOOD to MARGINAL.

The autonomous emergency braking (AEB) system is capable of detecting and reacting to vulnerable road users such as pedestrians and cyclists.

The AEB system offered GOOD performance in tests of its effectiveness in pedestrian test scenarios, with overall GOOD performance recorded in daylight scenarios and ADEQUATE performance in night-time scenarios. In cyclist test scenarios, the AEB system offered ADEQUATE performance. The overall performance of the system was classified as ADEQUATE.

HEAD IMPACTS	15.86	(out of 24)
UPPER LEG IMPACTS	1.09	(out of 6)
LOWER LEG IMPACTS	5.50	(out of 6)
AEB - Pedestrian	4.69	(out of 6)
AEB - Cyclist	3.67	(out of 6)

## PEDESTRIAN IMPACT TEST (40 KM/H)



## AUTONOMOUS EMERGENCY BRAKING (PEDESTRIAN & CYCLIST)

**SYSTEM NAME:** Automatic Emergency Braking System for Pedestrians  
**TYPE:** Autonomous emergency braking with forward collision warning  
**OPERATIONAL FROM:** 4-55 km/h  
**DESCRIPTION:** System functions in the daytime and night

TEST SCENARIO	AEB - Pedestrian										AEB - Cyclist				
	Adult crossing towards kerb (50%)		Adult crossing from kerb (25%)		Adult crossing from kerb (75%)		Child running (obstructed)		Adult walking along road		Adult walking along road		Cyclist crossing from kerb	Cyclist travelling along road (50%)	Cyclist travelling along road (25%)
	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	DAY	DAY
	FORWARD COLLISION WARNING		FORWARD COLLISION WARNING		FORWARD COLLISION WARNING		FORWARD COLLISION WARNING		FORWARD COLLISION WARNING		FORWARD COLLISION WARNING		FORWARD COLLISION WARNING	FORWARD COLLISION WARNING	FORWARD COLLISION WARNING
PERFORMANCE	GOOD	POOR	GOOD	ADEQUATE	GOOD	ADEQUATE	MARGINAL	POOR	GOOD	ADEQUATE	MARGINAL	WEAK	GOOD	ADEQUATE	GOOD
	GOOD										ADEQUATE				

GOOD ADEQUATE MARGINAL WEAK POOR

# SAFETY ASSIST



77%

10.07 POINTS  
OUT OF 13

The MG HS is fitted with autonomous emergency braking (AEB), blind spot monitoring (BSM), and a lane support system (LSS) with lane departure warning (LDW) and lane keep assist (LKA).

Tests of the AEB system in highway speed scenarios showed GOOD performance, with collisions avoided or mitigated in most scenarios. Overall, effectiveness of the AEB system performance in highway speed scenarios was rated GOOD.

Tests of its LKA system showed GOOD performance, however the system does not intervene in more critical emergency lane keeping (ELK) test scenarios, with overall performance classified as ADEQUATE.

A camera-based speed assistance system (SAS) is also standard on the MG HS. This system identifies the local speed limit and allows the driver to set the speed accordingly.

A seatbelt reminder system is fitted to all seating positions, however occupancy detection is not available for rear seating positions.

<b>SPEED ASSISTANCE SYSTEMS</b>	2.45 (out of 3)
<b>SEAT BELT REMINDERS</b>	2.50 (out of 3)
<b>LANE SUPPORT SYSTEMS</b>	2.50 (out of 4)
<b>AEB - Interurban</b>	2.62 (out of 3)

## LANE SUPPORT SYSTEMS (LSS)

**SYSTEM NAME:** Lane Departure Prevention System  
**OPERATIONAL FROM:** 60-150 km/h

		EMERGENCY LANE KEEPING (ELK)						
TEST SCENARIO	Oncoming vehicle	Overtaking vehicle (GVT at 72 km/h)		Overtaking vehicle (GVT at 80 km/h)		Road edge		
		UNINTENTIONAL	INTENTIONAL	UNINTENTIONAL	INTENTIONAL			
PERFORMANCE	-	-	-	-	-	-	-	-
[NOT AVAILABLE]								

		LANE KEEP ASSIST (LKA)									
TEST SCENARIO	Dashed Line				Solid Line				Road Edge		
PERFORMANCE	GOOD										

HUMAN MACHINE INTERFACE (HMI)		
FUNCTION	Lane Departure Warning (LDW)	PASS
	Blind Spot Monitoring (BSM)	PASS

GOOD ADEQUATE MARGINAL WEAK POOR

# SAFETY ASSIST



77%

10.07 POINTS  
OUT OF 13

## AUTONOMOUS EMERGENCY BRAKING (INTERURBAN)

**SYSTEM NAME:** Forward Collision Warning System / Automatic Emergency Braking System  
**TYPE:** Autonomous emergency braking with forward collision warning  
**OPERATIONAL FROM:** 4-150 km/h  
**DESCRIPTION:** Defaults ON for every journey

HUMAN MACHINE INTERFACE (HMI)															
FUNCTION	<table border="1"> <tr> <td>Supplementary warning</td> <td>PASS</td> </tr> <tr> <td>Restraint activation / dynamic retractors</td> <td>[NOT FITTED]</td> </tr> </table>	Supplementary warning	PASS	Restraint activation / dynamic retractors	[NOT FITTED]										
Supplementary warning	PASS														
Restraint activation / dynamic retractors	[NOT FITTED]														
FORWARD COLLISION WARNING (FCW)															
TEST SCENARIO	Driving towards a stationary car														
	Driving towards a slower moving car														
PERFORMANCE	GOOD														
AUTONOMOUS EMERGENCY BRAKING - Interurban															
TEST SCENARIO	<table border="1"> <tr> <th colspan="2">Toward car braking lightly</th> <th colspan="2">Toward car braking heavily</th> <th rowspan="2">Driving towards a slower moving car</th> </tr> <tr> <th>12m HEADWAY</th> <th>40m HEADWAY</th> <th>12m HEADWAY</th> <th>40m HEADWAY</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Toward car braking lightly		Toward car braking heavily		Driving towards a slower moving car	12m HEADWAY	40m HEADWAY	12m HEADWAY	40m HEADWAY					
	Toward car braking lightly		Toward car braking heavily		Driving towards a slower moving car										
12m HEADWAY	40m HEADWAY	12m HEADWAY	40m HEADWAY												
PERFORMANCE	GOOD														

## SPEED ASSISTANCE SYSTEMS (SAS)

**SYSTEM NAME:** Speed Assistance System

SAS FEATURE	DESCRIPTION
Speed Limit Information Function (SLIF)	Camera-based
Speed Limitation Function	System advised

## SEAT BELT REMINDERS (SBR)

WARNING TYPE	DRIVER	FRONT PASSENGER	REAR PASSENGERS
Occupant Detection	-	●	✗
Visual Warning	●	●	●
Audible Warning	●	●	●

● PASS ● FAIL ✗ NOT AVAILABLE - NOT APPLICABLE

GOOD ADEQUATE MARGINAL WEAK POOR

# SAFETY FEATURES & TECHNOLOGIES

FEATURE / TECHNOLOGY~	AVAILABILITY	
	AUS	NZ
Seat belts (three-point) for all forward-facing seats	●	●
Seat belt pre-tensioners (front)	●	●
Seat belt pre-tensioners (rear outboard) - 2nd row	●	●
Seat belt pre-tensioners (rear centre) - 2nd row	✗	✗
Seat belt pre-tensioners (rear outboard) - 3rd row	-	-
Intelligent seat belt reminder (driver)	●	●
Intelligent seat belt reminder (front passenger)	●	●
Intelligent seat belt reminder (2nd row seats)	●	●
Intelligent seat belt reminder (3rd row seats)	-	-
Airbag - frontal (driver)	●	●
Airbag - frontal (passenger)	●	●
Airbags - side, chest protection (front seats)	●	●
Airbags - side, chest protection (2nd row seats)	✗	✗
Airbags - side, chest protection (3rd row seats)	-	-
Airbags - side, head protection (front seats)	●	●
Airbags - side, head protection (2nd row seats)	●	●
Airbags - side, head protection (3rd row seats)	-	-
Airbag - knee (driver)	✗	✗
Airbag - knee (front passenger)	✗	✗
Airbag disabling switch - automatic (front passenger)	✗	✗
Airbag disabling switch - manual (front passenger)	✗	✗
Head restraints for all seats	●	●
Active bonnet	✗	✗
Adaptive cruise control (ACC)	●	●
Adaptive headlights	✗	✗
Anti-lock braking system (ABS)	●	●
Autonomous emergency braking (AEB) - City	●	●
Autonomous emergency braking (AEB) - Interurban	●	●
Autonomous emergency braking (AEB) - VRU	●	●
Automatic emergency call (eCall)	✗	✗
Automatic headlights	●	●
Automatic high beam	●	●

FEATURE / TECHNOLOGY~	AVAILABILITY	
	AUS	NZ
Blind spot monitor (BSM)	●	●
Child presence alert	✗	✗
Daytime running lights (DRL)	●	●
Electronic brakeforce distribution (EBD)	●	●
Electronic data recorder (EDR)	✗	✗
Electronic stability control (ESC)	●	●
Emergency brake assist (EBA)	●	●
Emergency stop signal (ESS)	●	●
Fatigue reminder	✗	✗
Fatigue detection	✗	✗
Forward collision warning (FCW)	●	●
Hill launch assist	●	●
Integrated child seat / restraint	✗	✗
ISOFix	●	●
Lane departure warning (LDW)	●	●
Lane keep assist (LKA)	●	●
Pre-crash systems	●	●
Rear cross-traffic alert (RCTA)	●	●
Reversing collision avoidance (camera)	●	●
Reversing collision avoidance (auto brake)	✗	✗
Roll stability system	✗	✗
Secondary / multi-collision brake	✗	✗
Speed assistance - auto / intelligent speed limiter	●	●
Speed assistance - manual speed limiter	●	●
Speed assistance - speed sign recognition & warning	●	●
Smart (intelligent) key	✗	✗
Trailer stability control	✗	✗
Tyre pressure monitoring system (TPMS)	●	●
Vehicle-to-infrastructure communication (V2I)	✗	✗
Vehicle-to-vehicle communication (V2V)	✗	✗

~ Specifications & availability subject to change. Please check with the vehicle manufacturer for confirmation of vehicle specification.

● STANDARD   ● NOT AVAILABLE ON BASE VARIANT BUT STANDARD OR OPTIONAL ON HIGHER VARIANTS   ○ OPTIONAL   ✗ NOT AVAILABLE

## 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 the extension of a rating to additional variants of a model.

## RATING YEAR (DATESTAMP):

The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and, for vehicles rated from 2018, the Rating Year is the year in which the vehicle was tested.

## ASSESSMENT DETAILS

TESTED MAKE / MODEL	MG HS RHD
TESTED VEHICLE(S) BUILT	2019
TESTED BODY TYPE	5 door SUV
TESTED VEHICLE ENGINE	1.5 litre petrol
RATING PUBLISHED	December 2019
RATING UPDATED	N/A