



GWM Wey 05 (Coffee 01)
Standard Safety Equipment

2022



Adult Occupant



91%

Child Occupant



87%

Vulnerable Road Users



79%

Safety Assist



94%

SPECIFICATION

Tested Model	WEY Coffee 01 'Prestige', LHD
Body Type	- 5 door SUV
Year Of Publication	2022
Kerb Weight	2365kg
VIN From Which Rating Applies	- all Wey 05s and Coffee 01s
Class	Large Off-Road

General comments

The GWM Wey 05 was known as the WEY Coffee 01 until February 2024.

SAFETY EQUIPMENT

	Driver	Passenger	Rear
FRONTAL CRASH PROTECTION			
Frontal airbag	●	●	—
Belt pretensioner	●	●	●
Belt loadlimiter	●	●	●
Knee airbag	●	✘	—
SIDE CRASH PROTECTION			
Side head airbag	●	●	●
Side chest airbag	●	●	○
Side pelvis airbag	●	●	○
Centre Airbag	●	●	—
CHILD PROTECTION			
Isofix/i-Size	—	✘	●
Integrated CRS	—	✘	✘
Airbag cut-off switch	—	●	—
SAFETY ASSIST			
Seat Belt Reminder	●	●	●

OTHER SYSTEMS	
Active Bonnet	✘
AEB Vulnerable Road Users	●
AEB Pedestrian - Reverse	●
AEB Car-to-Car	●
Speed Assistance	●
Lane Assist System	●

Note: Other equipment may be available on the vehicle but was not considered in the test year.

- Fitted to the vehicle as standard ○ Fitted to the vehicle as part of the safety pack
 ○ Not fitted to the test vehicle but available as option or as part of the safety pack ✘ Not available — Not applicable

ADULT OCCUPANT

Total 34.8 Pts / 91%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Frontal Impact 13.8 / 16 Pts

Mobile Progressive Deformable Barrier Full Width Rigid Barrier

Lateral Impact 16.0 / 16 Pts

Side Mobile Barrier Side Pole Far-Side Excursion Occupant Interaction

Rear Impact 4.0 / 4 Pts

Rear Seat Front Seat


 ADULT OCCUPANT

Total 34.8 Pts / 91%

GOOD ADEQUATE MARGINAL WEAK POOR

Rescue and Extrication		1.0 / 2 Pts
Rescue Sheet	Available, ISO compliant	
Advanced eCall	Available	
Multi Collision Brake	Available	

Comments

The passenger compartment of the Wey 05 remained stable in the frontal offset test. Dummy numbers demonstrated good protection of the knees and femurs of both the driver and passenger. GWM showed that a similar level of protection would be provided to occupants of different sizes and to those sitting in different positions. Protection of the passenger dummy was good for all critical body areas. Analysis of the deceleration of the impact trolley during the test, and analysis of the deformable barrier after the test, revealed that the Coffee 01 would be a somewhat aggressive impact partner in a frontal collision. In the full-width rigid barrier test, good or adequate protection was provided to all critical body areas, for both the driver and rear passenger. Late in the test, the rear tailgate opened, for which the car was penalised. In both the side barrier test and the more severe side pole impact, protection of all critical body areas was good and the car scored maximum points in this part of the assessment. Control of excursion (the extent to which a body is thrown to the other side of the vehicle when it is hit from the far side) was found to be adequate. The Wey 05 has a counter-measure to mitigate against occupant to occupant injuries in such impacts and this performed well in Euro NCAP's test. Tests on the front seats and head restraints demonstrated good protection against whiplash injuries in the event of a rear-end collision. A geometric analysis of the rear seats also indicated good whiplash protection. The Wey 05 has an advanced eCall system which alerts the emergency services in the event of a crash. The car also has a system which applies the brakes after an impact to avoid secondary collisions.

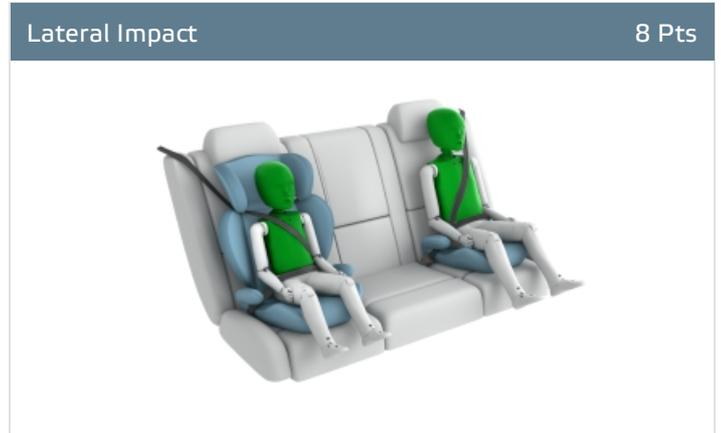
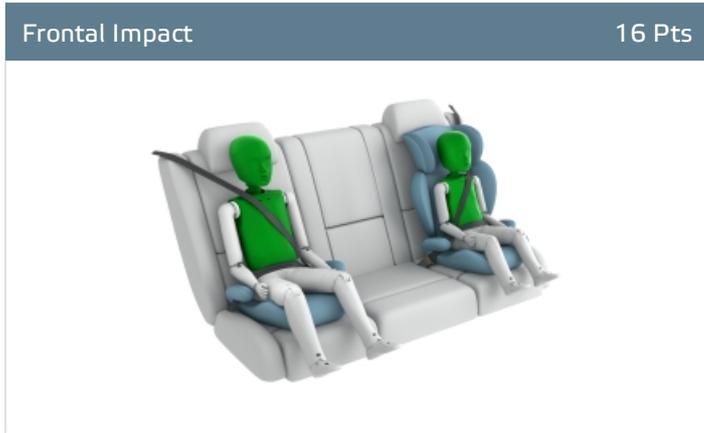
CHILD OCCUPANT

Total 43.0 Pts / 87%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Crash Test Performance based on 6 & 10 year old children

24.0 / 24 Pts



Restraint for 6 year old child: *Britax Römer KidFix 2s*
 Restraint for 10 year old child: *Graco junior Maxi booster*

Safety Features

7.0 / 13 Pts

	Front Passenger	2nd row outboard	2nd row center
Isofix	✘	●	✘
i-Size	✘	●	✘
Integrated CRS	✘	✘	✘

● Fitted to test car as standard
 ○ Not on test car but available as option
 ✘ Not available

CRS Installation Check

12.0 / 12 Pts

● Install without problem
 ● Install with care
 ● Safety critical problem
 ✘ Installation not allowed

■ i-Size CRS

Maxi Cosi 2way Pearl & 2wayFix (i-Size)



Maxi Cosi 2way Pearl & 2wayFix (i-Size)



BeSafe iZi Kid X2 i-Size (i-Size)



Britax Römer TriFix2 i-Size (i-Size)



BeSafe iZi Flex FIX i-Size (i-Size)



■ ISOFIX CRS

BeSafe iZi Combi X4 ISOfix (ISOFIX)



Cybex Solution Z i-Fix (ISOFIX)



 CHILD OCCUPANT

Total 43.0 Pts / 87%

■ Universal Belted CRS

Maxi Cosi Cabriofix (Belt)



Maxi Cosi Cabriofix & EasyFix (Belt)



Britax Römer King II LS (Belt)



Cybex Solution Z i-Fix (Belt)



Comments

In both the frontal offset and the side barrier impacts, protection of all critical body areas was good, for both the child dummies, and the Wey 05 scored maximum points in this part of the assessment. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. All of the restraint types for which the Wey 05 is designed could be properly installed and accommodated.

CHILD OCCUPANT

Total 43.0 Pts / 87%

	Seat Position			
	Front	2nd row		
	PASSENGER	LEFT	CENTER	RIGHT
Maxi Cosi 2way Pearl & 2wayFix (i-Size)	—	●	—	●
Maxi Cosi 2way Pearl & 2wayFix (i-Size)	—	●	—	●
BeSafe iZi Kid X2 i-Size (i-Size)	—	●	—	●
Britax Römer TriFix2 i-Size (i-Size)	—	●	—	●
BeSafe iZi Flex FIX i-Size (i-Size)	—	●	—	●
BeSafe iZi Combi X4 ISOfix (ISOFIX)	—	●	—	●
Cybex Solution Z i-Fix (ISOFIX)	—	●	—	●
Maxi Cosi Cabriofix (Belt)	●	●	●	●
Maxi Cosi Cabriofix & EasyFix (Belt)	●	●	●	●
Britax Römer King II LS (Belt)	●	●	●	●
Cybex Solution Z i-Fix (Belt)	●	●	●	●

● Easy ● Difficult ● Safety critical ✘ Not allowed — Not available

Comments

In both the frontal offset and the side barrier impacts, protection of all critical body areas was good, for both the child dummies, and the Wey 05 scored maximum points in this part of the assessment. The front passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. Clear information is provided to the driver regarding the status of the airbag and the system was rewarded. All of the restraint types for which the Wey 05 is designed could be properly installed and accommodated.

 **VULNERABLE ROAD USERS**

Total 42.9 Pts / 79%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

VRU Impact Protection

26.6 / 36 Pts



Head Impact	15.2 Pts
Pelvis Impact	5.4 Pts
Leg Impact	6.0 Pts

Vulnerable Road Users

16.3 / 18 Pts

System Name	Automatic Emergency Braking
Type	Auto-Brake with Forward Collision Warning
Operational From	4 km/h

 VULNERABLE ROAD USERS

Total 42.9 Pts / 79%

AEB Pedestrian

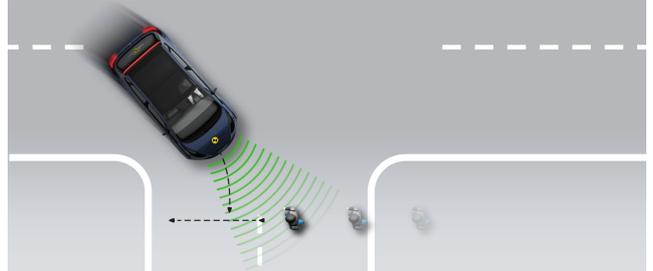
 8.0 / 9 Pts

■ Day time

Vehicle reversing into standing pedestrian



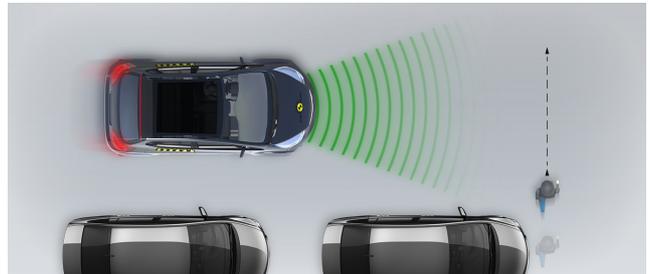
Pedestrian crossing a road into which a car is turning



Adult crossing the road



Child running from behind parked vehicles



Adult along the roadside



■ Night time

Adult crossing the road

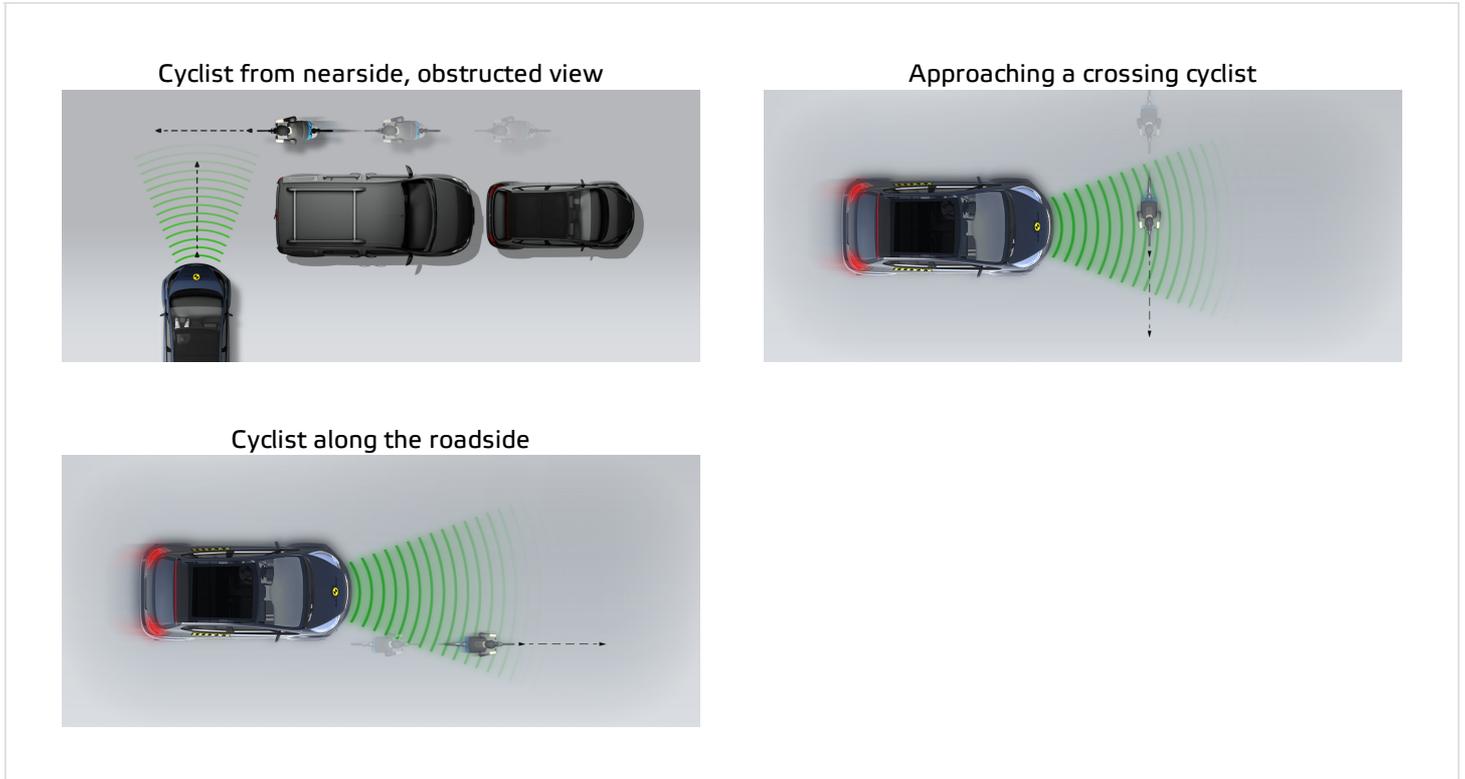


Adult along the roadside



VULNERABLE ROAD USERS

Total 42.9 Pts / 79%

AEB Cyclist
8.3 / 9 Pts
**Comments**

The protection provided by the bonnet to the head of a struck pedestrian was predominantly good or adequate. The bumper offered good protection to pedestrians' legs and protection of the pelvis region was also good or adequate at all test locations. The autonomous emergency braking (AEB) system of the Wey 05 can respond to vulnerable road users, as well as to other vehicles. The system performed well both in tests of its response to pedestrians and when tested with a cyclist target, with collisions avoided or mitigated in most scenarios.

SAFETY ASSIST

Total 15.1 Pts / 94%

■ GOOD
 ■ ADEQUATE
 ■ MARGINAL
 ■ WEAK
 ■ POOR

Speed Assistance ■ 2.4 / 3 Pts

System Name	Traffic Assist
Speed Limit Information Function	Camera based, subsigns supported
Speed Limitation Function	System advised (accurate to 5km/h)

Occupant Status Monitoring ■ 3.0 / 3 Pts

> Seatbelt Reminder ■ 2.0 / 2 Pts

Applies To	Front and rear seats		
	Driver Seat	Front Passenger(s)	Rear Passenger(s)
Warning			
Visual	●	●	●
Audible	●	●	●
Occupant Detection	—	●	●

● Pass
 ● Fail
 — Not available

> Driver Monitoring ■ 1.0 / 1 Pts

System Name	Driver Monitoring System
Type	direct eye monitoring
Operational From	45 km/h

 SAFETY ASSIST

Total 15.1 Pts / 94%

Lane Support

 4.0 / 4 Pts

System Name	Lane Assist + ELK	
Type	LKA and ELK	
Operational From	60 km/h	
PERFORMANCE		
Emergency Lane Keeping		GOOD
Lane Keep Assist		GOOD
Human Machine Interface		GOOD

AEB Car-to-Car

 5.7 / 6 Pts

System Name	Automatic Emergency Braking	
Type	Autonomous emergency braking and forward collision warning	
Operational From	4 km/h	
Sensor Used	camera and radar	

 SAFETY ASSIST

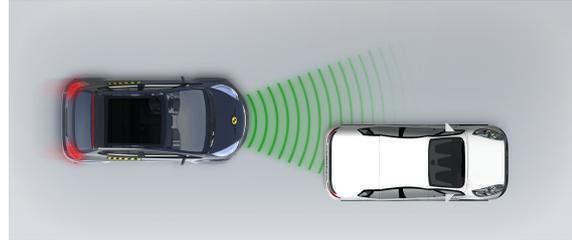
Total 15.1 Pts / 94%

■ Autobrake function only

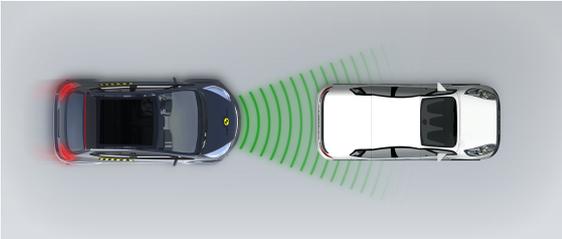
Car turning across the path of an oncoming car



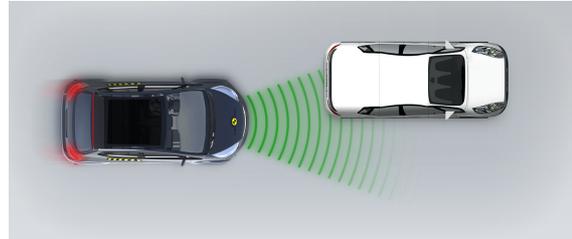
Approaching a stationary car



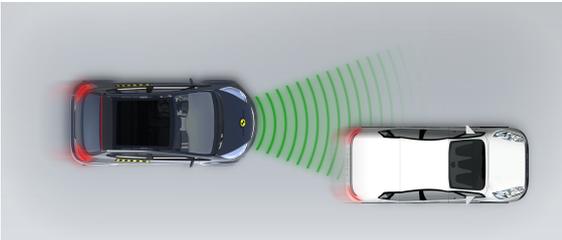
Approaching a stationary car



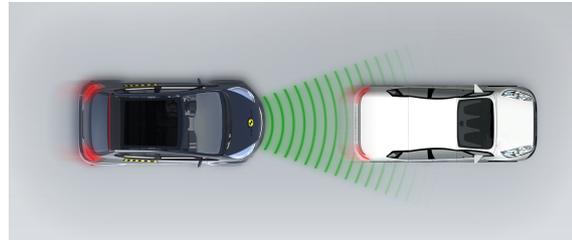
Approaching a stationary car



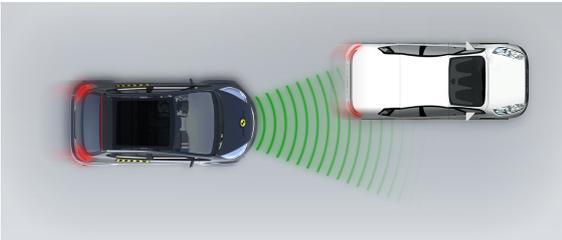
Approaching a slower moving car



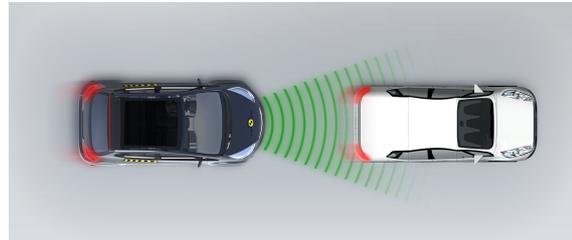
Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car

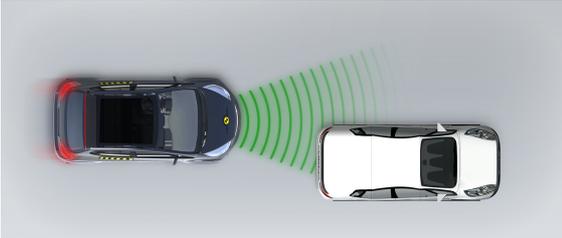


 SAFETY ASSIST

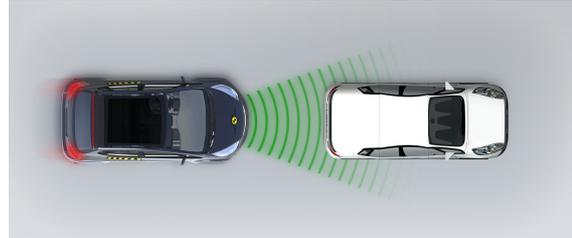
Total 15.1 Pts / 94%

■ Driver reacts to warning

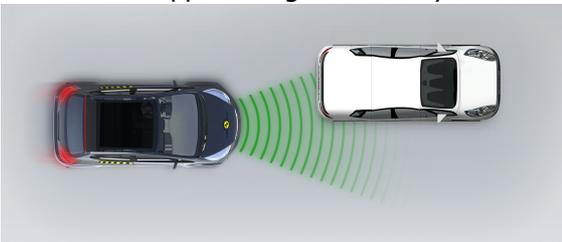
Approaching a stationary car



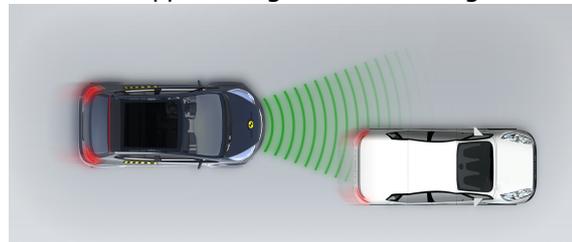
Approaching a stationary car



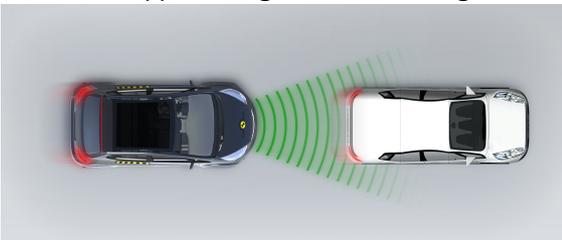
Approaching a stationary car



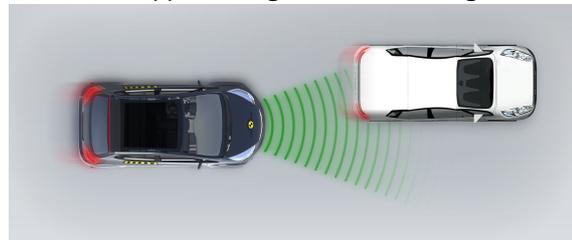
Approaching a slower moving car



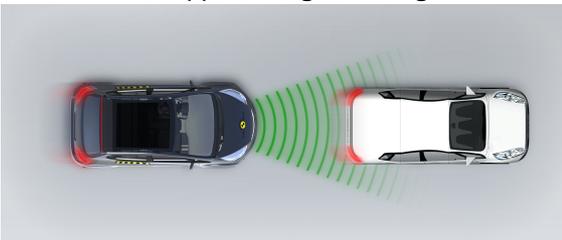
Approaching a slower moving car



Approaching a slower moving car



Approaching a braking car





SAFETY ASSIST

Total 15.1 Pts / 94%

Comments

The Wey 05's autonomous emergency braking (AEB) system performed well in tests of its reaction to other vehicles, with collisions avoided or mitigated in most test scenarios. A seatbelt reminder system is fitted as standard to the front and rear seats and the car is equipped with a system to detect driver fatigue and distraction. The lane support system gently corrects the vehicle's path if it is drifting out of lane, and also intervenes in some more critical situations. The speed assistance system detects the local speed limit and the driver can choose to allow the maximum speed of the car to be automatically set by the system.

RATING VALIDITY

Variants of Model Range

Body Type	Engine	Model Name/Code	Drivetrain	Rating Applies	
				LHD	RHD
5 door SUV	2.0 petrol Hybrid	PRESTIGE*	4 x 4	✓	✓
5 door SUV	2.0 petrol Hybrid	Mid	4 x 4	✓	✓

*Tested variant

Annual Reviews and Facelifts

Date	Event	Outcome
September 2022	Rating Published	2022 ★★★★★ ✓
February 2024	Change of name from WEY Coffee 01 to GWM Wey 05	2022 ★★★★★ ✓