

# MRC Technical eBulletin



# Introduction



**Steve Miller**  
Chief Executive Officer, MRC Malaysia

Hello everyone,

In our very first technical eBulletin, we bring insights into a number of new vehicles recently launched in Malaysia, along with information regarding recalls for the Toyota Hilux and Toyota Fortuner as well as recalls on the Honda Accord and Honda CR-V models, with concerns regarding Takata driver airbags. We also include information on the ASEAN NCAP vehicle safety test and the overall rating for newly released Proton X50.

At the time of writing, Malaysia is also heading into another nationwide lockdown to prevent the spread of COVID-19. This is likely to have an impact on vehicle sales, production, and after sales, so hopefully I'll be able to share details on that next edition.

Until then, stay safe.

» Side Mirror Chrome

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## Proton X50 SUV launched

The Proton X50 has finally been launched, marking the national carmaker's entry into the worthwhile B-segment crossover market with highly competitive specifications and pricing.

Proton's second SUV model after the X70 which is based on a Geely Binyue, is priced from RM79,200 to RM103,300, putting it in the middle of a crowded field of SUVs on sale in Malaysia.

The X50 is priced at RM79,200 for the 1.5T Standard variant, RM84,800 for the Executive variant, RM93,200 for the Premium variant and RM103,300 for the 1.5 TGDİ Flagship variant. East Malaysia prices are RM2,000 higher across the board where this differs from the previous X70, which is priced the same for both West and East Malaysia.

MODEL	PROTON X50			
VARIANT	1.5T Standard	1.5T Executive	1.5T Premium	1.5T TGDİ FLAGSHIP
Retails Price	RM79,200	RM84,800	RM93,200	RM103,300
Body Type	SUV			
Horsepower	150 ps	150 ps	150 ps	177 ps
Engine	3 Cylinders In-Line, 12 Valve DOHC, Turbocharged			
Transmission	7 Speed DCT			
Length*Width*Height (mm)	4330*1800*1609			
Fuel Economy	6.5L/100km			
Segment	B. Segment			





“MRC Malaysia is asking for a more cost-effective repair solution”





## G20 BMW 320i Sport and G20 330i M Sport launched in Malaysia

BMW Malaysia has finally introduced the 320i Sport and 330i M Sport to the G20 3-Series line up, and the locally assembled sedans are priced at RM241,794 and RM286,187 respectively.

Both models come with a Driving Assistant package, which add-on Lane Departure Warning (LDW), Lane Keep Assist (LKA), Blind Spot Detection (BSD) and rear collision prevention. It is also equipped with Autonomous Emergency Braking (AEB), in this case front collision warning with brake intervention. Also available, a speed limit info feature, which comes with manual speed limit assist. There are also Attentiveness Assistant, Auto Parking Assistant with reversing assist (autonomous) and rear view camera. Adaptive Cruise Control (ACC) with braking function is only available on 330i M Sport.

This line up also equipped with standard BMW features such as the Dynamic Stability Control (DSC) including Dynamic Traction Control (DTC), Cornering Brake Control (CBC), Dynamic Brake Control (DBC) and Antilock Braking System (ABS). It is also equipped with the BMW Connected Drive services with Intelligent Emergency Call, Teleservices, BMW Digital Key and the welcome lights.



MODEL	BMW 3 Series 2020	
VARIANT	BMW 320i Sport	BMW 330i M Sport
Retails Price	RM241,794	RM286,187
Body Type	Sedan	
Horsepower	181 hp	258 hp
Engine	16-valve DOHC direct injection with twin-scroll turbocharger	
Transmission	8-Speed Steptronic Sport Transmission	
Length*Width*Height (mm)	4709*1827*1435	
Fuel Economy	6.4L/100km	
Segment	Compact Executive	



A high-quality photograph of the interior of a BMW 3 Series car. The view is from the driver's perspective, looking towards the front of the vehicle. The dashboard is dark with a large, rectangular infotainment screen in the center. The steering wheel is black with the BMW logo in the center. The center console has a gear shifter and handbrake. The seats are black leather with white stitching. The background shows a blurred city street scene through the windshield.

» BMW 3 series were released in MRCDB P46.0

“ MRC Malaysia is  
keeping abreast with the  
evolution of technology.  
”



## Mitsubishi Xpander launched

Mitsubishi Motors Malaysia (MMM) has launched and announced the 7-seater Mitsubishi Xpander with the price of RM91,369. It has been locally assembled at the Hicom Automotive Manufacturers factory in Pekan, where Malaysia is the third country to produce the Xpander model after Indonesia and Vietnam.

Only a single variant has been launched and available for the Malaysian market. There is a 1.5 litre naturally aspirated engine that produced 105 PS and 141 Nm of torque at 4,000 rpm. The 4A91 MIVEC unit sends a drive to the front axle via a 4-speed automatic gearbox.

The Xpander comes with bi-LED reflector headlamps and LED daytime running lights. The Xpander is also fitted with the LED taillights and 16-inch two-tone alloy rims. For the interior, a black theme is used with the quilted leather seats. For the infotainment system, a 9.0-inch touchscreen head unit with Apple CarPlay and Android Auto compatibility which is paired with 6 speakers and a 4.2-inch colour multi-info display is equipped. There are 4 roof-mounted rear air vents.

MODEL	MITSUBISHI XPANDER
Retails Price	RM91,369
Body Type	Compact MPV
Horsepower	105 ps
Engine	1.5L MIVEC DOHC 16 Valve
Transmission	4 Speed Automatic
Length*Width*Height (mm)	4475*1750*1730
Fuel Economy	4.4L/100km
Segment	B. Segment





“MRC Malaysia is covering all types of passenger cars and various body sizes.”





## UMW Toyota Motor Malaysia Recalls Hilux and Fortuner

UMW Toyota Motor, Malaysia's official distributor for Toyota has issued recalls for Toyota Hilux pick-up truck and Toyota Fortuner SUV over an issue with their brake boosters.

The recall campaign has been named a 'special service campaign'. Under this campaign, affects a total of 12,997 vehicles built between July 2018 and January 2019 which consists of 11,571 units of the Hilux and 1,426 units of the Fortuner. According to UMW Toyota Motor, the issue concerned defective resin pistons in the brake booster that could cause braking performance to be 'compromised'.

On top of that, other models that are not listed in this recall campaign are not affected including the new cars that currently on sale. They will send notification letters to affected owners regarding the recall with any repairs to be conducted free of charge, says UMW Toyota Motor.









## Honda Accord and CR-V Recalled in Malaysia over Takata driver airbag

Honda Malaysia has announced product recalls involving 2,784 units of Honda vehicles to replace the Takata driver front airbag inflator as a preventive measure, in line with Honda global Non-Azide Driver Airbag Inflator (NADI) recalls. Of the 2,784 units, a total of 1,380 are the Honda Accord model year 1999, while the balance of 1,404 units are the Honda CR-V model year 2000.

As such, the airbag could deploy too slowly in a crash or, in rare instances, too forcefully. In the latter scenario, the inflator could rupture and throw metal shards at the driver or passengers. In both instances, occupants could be seriously injured or killed.

However, to date, there was no report of any incidence or injury caused by the Takata driver front airbag involving these two models listed, Honda Malaysia said. The company also assured buyers that current models being sold are not affected by this recall.

Honda Malaysia urged all affected customers to contact any Honda authorised dealer to make an appointment upon receipt of notification to replace the driver front airbag inflator subject to parts availability.







# DATABASE RELEASE AT A GLANCE

**MRCDB P48.0 DEC 2020**

## MANUFACTURER'S PRICE UPDATE



3 VEHICLE MANUFACTURERS

**1,576**

PRICE CHANGES

**3,697**

NEW PARTS PRICE

**7,204**

PARTS SUPERSESSION

## NEW VEHICLES RELEASE

2 VEHICLE MANUFACTURERS



## 4 VEHICLE DERIVATIVES



Audi A8



Audi Q2



BMW 5 Series



BMW X4

**4,006**  
TOTAL LINE ITEMS

# DATABASE RELEASE AT A GLANCE

MRCDB P48.1 JAN 2021

## MANUFACTURER'S PRICE UPDATE



5 VEHICLE MANUFACTURERS

584

PRICE CHANGES

1,278

NEW PARTS PRICE

8,142

PARTS SUPERSESSION

MRCDB P48.2

JAN 2021



## MANUFACTURER'S PRICE UPDATE

4 VEHICLE MANUFACTURERS

133,807

PRICE CHANGES

9,186

NEW PARTS PRICE

5,407

PARTS SUPERSESSION



# DATABASE RELEASE AT A GLANCE

**MRCDB P49.0 JAN 2020**

## MANUFACTURER'S PRICE UPDATE

**ISUZU**



PROTON



**SUZUKI**

**3 VEHICLE MANUFACTURERS**

**7,979**

PRICE CHANGES

**3,085**

NEW PARTS PRICE

**2,964**

PARTS SUPERSESSION

## NEW VEHICLES RELEASE

**2 VEHICLE MANUFACTURERS**



## 2 VEHICLE DERIVATIVES



BMW 5 Series Hybrid



Mitsubishi Xpander

**1,775**  
**TOTAL LINE ITEMS**

» Proton X50 crash test





## Overall Rating Proton X50 Crash Test

The new Proton X50 is Proton's seventh model that had underwent ASEAN NCAP assessment. The assessment was carried out by ASEAN NCAP at MIROS PC3 Crash Lab, Melaka on October 9, 2020. The five-seater SUV is equipped with four airbags, ESC and SBR for frontal occupants as standard across all variants. The X50 is offered in Malaysia and Thailand in which safety assist technologies namely BST, AEB City, AEB Inter-Urban, AEB VRU/Pedestrian, Lane Departure Warning System, Forward Collision Warning System and Lane Keep Assist are all available either as standard or optional equipment.

It is also fitted with ISOFIX and top tether fitment for child occupant safety in all its variants. In the assessment, the Proton X50 successfully obtained an overall score of 84.26 points, which makes it eligible for 5-Star ASEAN NCAP rating.



	AOP			COP			SAFETY ASSIST			2017-2020 ASEAN NCAP RATING
	Item	Point	Max	Item	Point	Max	Item	Point	Max	
	ODB	13.42	16.00	FRONTAL	16.00	16.00	EBA	8.00	8.00	5
	SIDE	16.00	16.00	SIDE	8.00	8.00	SBR	3.00	6.00	
	HPT Evaluation	2.00	4.00	Installation	9.50	12.00	BST	1.00	2.00	
				Vehicle Based	8.00	13.00	Advance SATs	2.00	2.00	
Score		31.42	36.00		41.50	49.00		14.00	18.00	OVERALL SCORE 84.26 5
Normalized Score		0.87			0.85			0.78		
Weighting		50%			25%			25%		
Weighting Score		43.64			21.17			19.44		
Maximum Star Rating		5			5			5		



Thank you for reading the Quarter 1, 2021 MRC Technical eBulletin.  
If you have any questions regarding the content, or suggestions for improvement, please contact MRC Malaysia via



[ardd@mrc.com.my](mailto:ardd@mrc.com.my)