

MRC Technical eBulletin





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Introduction

Hello everyone,

For this eBulletin edition, we bring insights into a number of new vehicles recently launched in Malaysia. We also include information on the ASEAN NCAP vehicle safety test and the overall rating for newly released Perodua Ativa.

Besides, in this eBulletin edition, you may find the two newly-launched databases by MRC Malaysia which are Alternative Parts Price database and Motorcycle Parts Price database.

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.



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Perodua Ativa SUV launched

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

This Perodua SUV which is based on a Daihatsu Rocky and Toyota Raize, is priced from RM61,500 to RM71,200, putting it in the middle of a crowded field of SUVs on sale in Malaysia. The Ativa is priced at RM61,500 for the 1.0X CVT variant, RM66,100 for the 1.0H CVT variant and RM71,200 for the 1.0 AV CVT variant with SST exemption. However, for East Malaysia, the prices will be RM2,000 higher across the board.

MODEL	PERODUA ATIVA		
VARIANT	1.0 X CVT	1.0 H CVT	1.0 AV CVT
Retails Price	RM61,500	RM66,100	RM71,200
Body Type	SUV		
Horsepower	98 ps		
Engine	12-valve DOHC, Turbocharged and Intercooled with Variable Valve Timing		
Transmission	7 Speed		
Length x Width x Height (mm)	4,065 x 1,710 x 1,635	4,065 x 1,710 x 1,635	3,995 x 1,695 x 1,620
Fuel Economy	7.5 L/100 km		
Segment	B-Segment		



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



Honda Accord 1.5 TC and 1.5 TC-P launched in Malaysia

Honda Malaysia has now officially launched and announced the 10th generation of Honda Accord for the Malaysian market. There are two models which are 1.5 TC and 1.5 TC-P and priced at RM185,900 and RM195,900 respectively. It has been locally assembled at the Hicom Pegoh Industrial Park factory in Alor Gajah, Melaka. These two models come with 1.5 litre VTEC Turbo 4-cylinder engine that produced 201 PS at 5,500 rpm and 260 Nm of torque from 1,600 to 5,000 rpm. Also, this engine sends a drive to the front axle via an Earth Dreams continuously variable transmission (CVT).

Both models come with a Driving Assistant package, which are Vehicle Stability Assist (VSA), Agile Handling Assist (AHA), Antilock Braking System (ABS), Electronic Brakeforce Distribution (EBD), Brake Assist and Hill Start Assist.

In addition, the 1.5 TC-P is the only model that gets the Honda Sensing suite of safety and Advanced Driver Assistance Systems (ADAS) which are Lane Departure Warning (LDW), Lane Keeping Assist System (LKAS), Road Departure Mitigation (RDM), Collision Mitigation Braking System (CMBS), Forward Collision Warning (FCW) and Adaptive Cruise Control (ACC), while the Low Speed Follow (LSF) feature is a new addition.

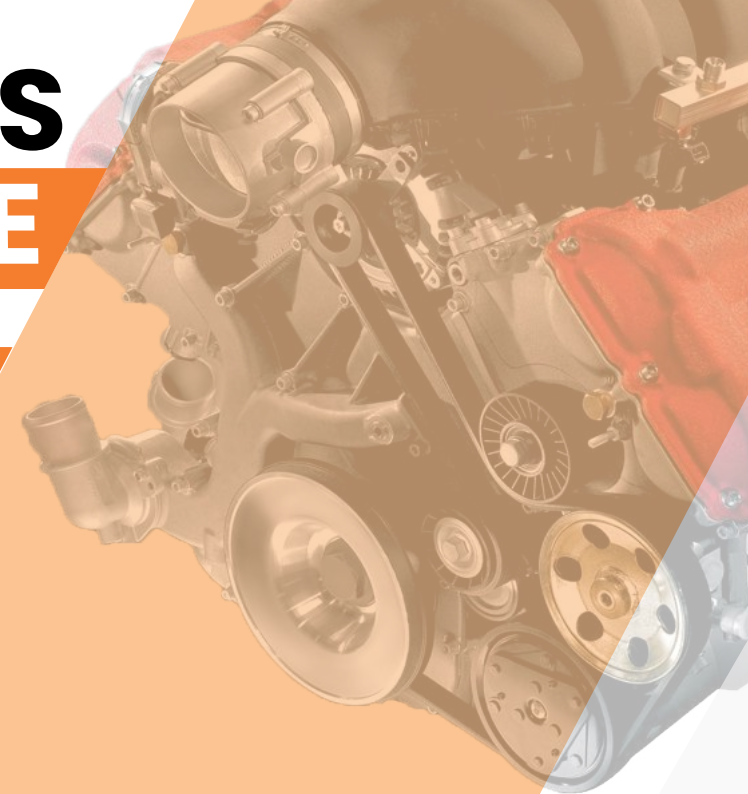


MODEL	Honda Accord 2020	
VARIANT	1.5 TC	1.5 TC-P
Retails Price	RM185,900	RM195,900
Body Type	Sedan	
Horsepower	201 ps	
Engine	4 Cylinder, 16 Valve, DOHC VTEC TURBO	
Transmission	Continuous Variable Transmission (CVT)	
Length x Width x Height (mm)	4,901 x 1,862 x 1,450	
Fuel Economy	6.3 L/100 km	
Segment	D-Segment	

» Honda Accord was released in MRCDB P52.0

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

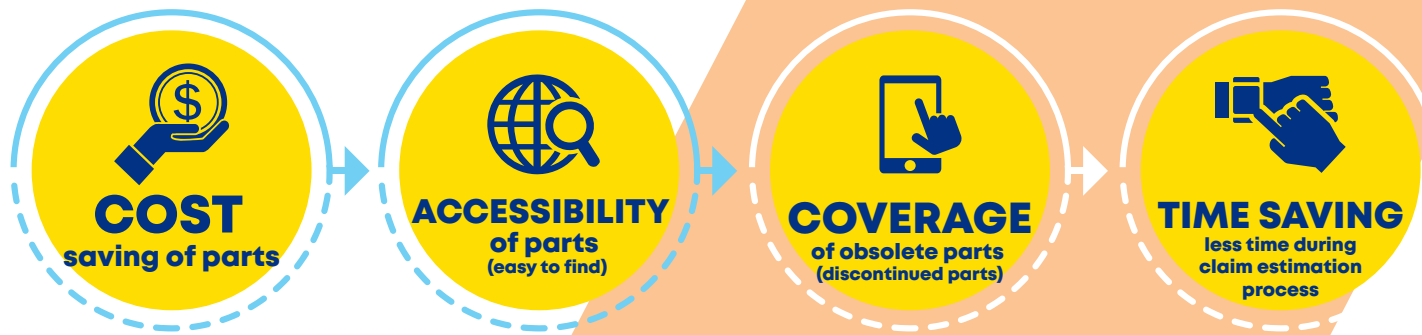
ALTERNATIVE PARTS PRICE DATABASE



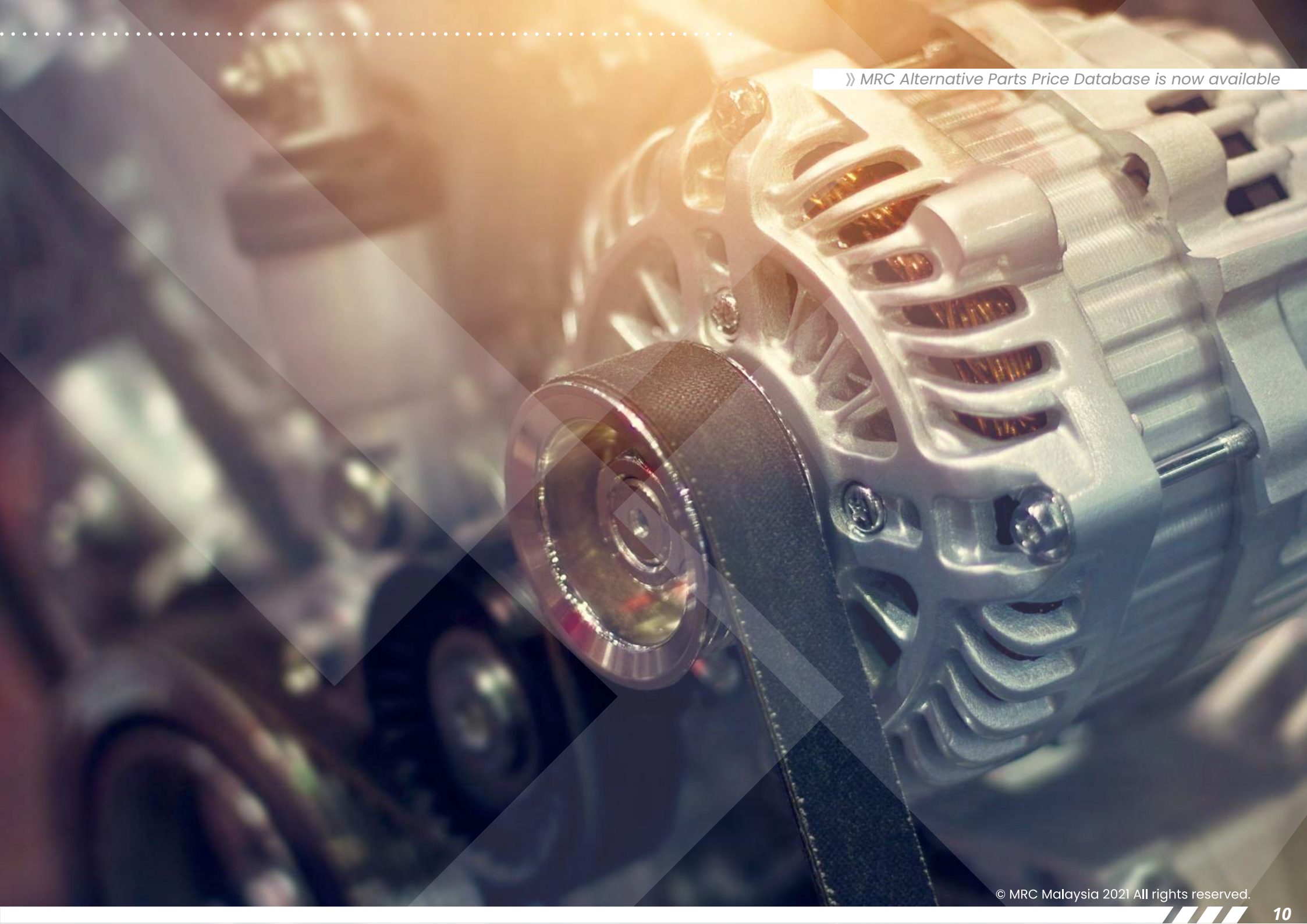
MRC Malaysia is expanding the parts price database by providing the new Alternative Parts Price Database as part of our continuous service to the industry. For our 1st launch, this Alternative Parts Price Database consists of 50 vehicle models inclusive of Proton (12 models), Perodua (9 models), Toyota (18 models), Honda (9 models) and Nissan (2 models). For every vehicle model, we provide an average 48 major alternative parts and components complete with attractive parts prices and generally available in the market.

The database consists of more than 2,400 parts line items for alternative aftermarket replacement parts such as A/C condenser, bumper front cover, bumper front reinforcement, bumper rear cover, bonnet, boot lid or tailgate, door front, door rear, fender front, headlamp assembly, rear lamp assembly, radiator, etc. This Alternative Parts Price Database update will be on a quarterly basis.

BENEFITS OF ALTERNATIVE PARTS PRICE DATABASE



» MRC Alternative Parts Price Database is now available



MOTORCYCLE PARTS PRICE DATABASE

MRC Malaysia builds, localizes and manages a single national centralized database of automobile parts prices and repair times for use as a standard in the processing and recording of automobile insurance claims. Now, MRC Malaysia is taking another big step to continue to contribute to the industry by introducing a new Motorcycle Parts Database. The pilot Motorcycle Parts Database will be released on 1st of July 2021 and it consists of the 2 largest motorcycle companies in Malaysia, Honda and Yamaha.

There are 18 models of Yamaha and 15 models of Honda which consist of more than 18,000 parts collectively. By introducing this new motorcycle parts database, it will provide a standard, reduce subjectivity and will act as a point of reference to improve claims processing and increase transparency.

MANUFACTURER:



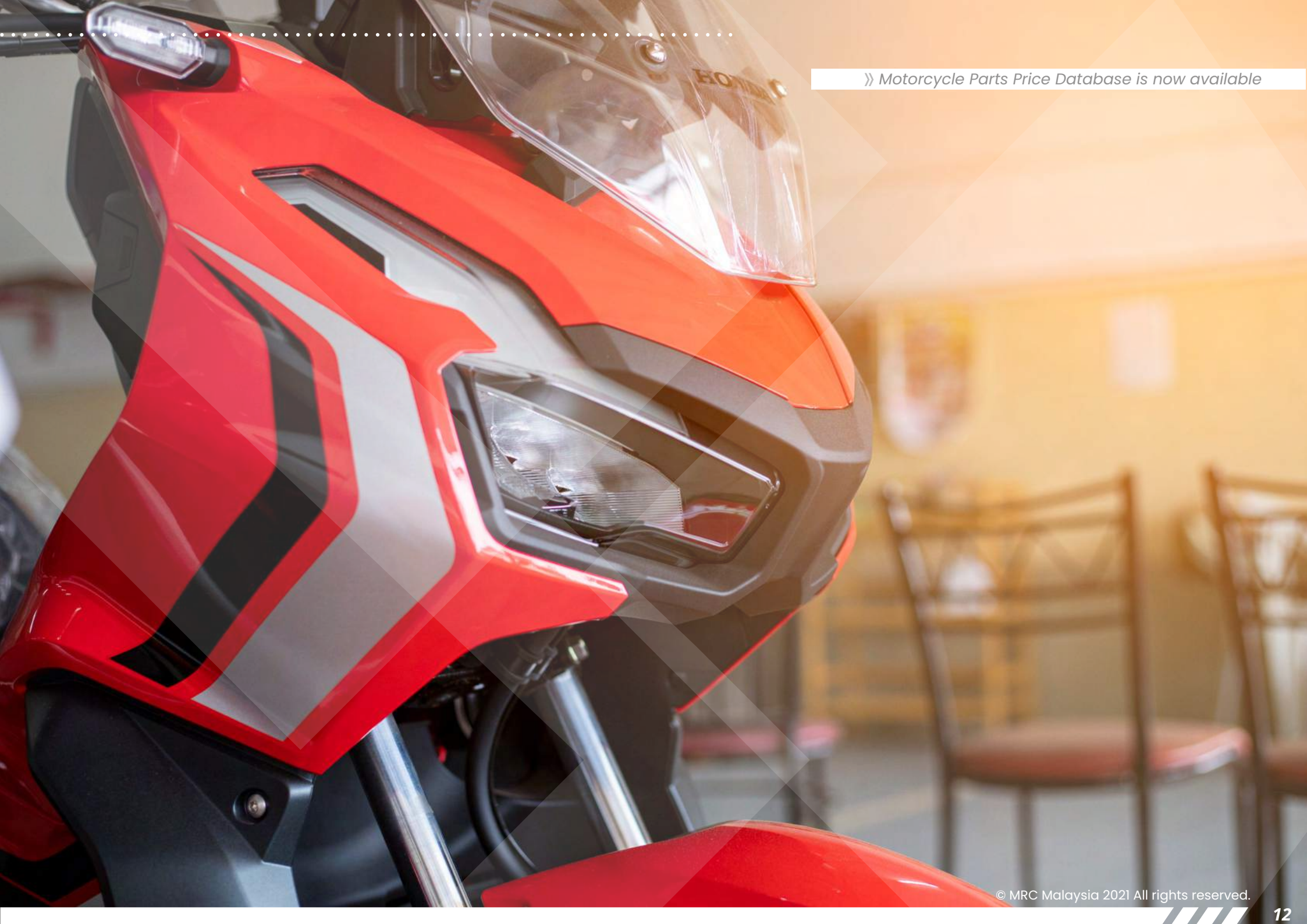
NO. OF MODEL:

$$\begin{array}{ccc} 15 & + & 18 & = & 33 \\ \text{HONDA} & & \text{YAMAHA} & & \text{MODEL} \end{array}$$

NO. OF PARTS:

$$\begin{array}{ccc} 3,839 & + & 14,175 & = & 18,014 \\ \text{HONDA} & & \text{YAMAHA} & & \text{TOTAL PARTS} \end{array}$$





» Motorcycle Parts Price Database is now available

DATABASE RELEASES AT A GLANCE

MRCDB P49.1 FEB 2021

MANUFACTURER'S PRICE UPDATE



9 VEHICLE MANUFACTURERS

9,177

PRICE CHANGES

8,662

NO. NEW PARTS

13,728

NO. SUPERSESSION

MRCDB P50.0 FEB 2021

NEW VEHICLE RELEASE



BMW X3

MODEL YEAR

4/2018
9/2019

TPS CODE

BM165
BM166

TTS CODE

BM130

BODY SHAPE

5 Dr. SUV

TRIM

xDrive30i Luxury
xDrive30i M Sport

1,900

TOTAL LINE ITEMS



KIA SPORTAGE

MODEL YEAR

11/2018

TPS CODE

K1071
K1072

TTS CODE

K1063

BODY SHAPE

5 Dr. SUV

TRIM

EX (QL)
AWD GT Line (QL)

1,744

TOTAL LINE ITEMS

MANUFACTURER'S PRICE UPDATE

4 VEHICLE MANUFACTURERS

122

PRICE CHANGES

1,384

NEW PARTS PRICE

0

PARTS SUPERSESSION



PERODUA



PROTON



SUZUKI

DATABASE RELEASES AT A GLANCE

MRCDB P51.0 MARCH 2021

MRCDB P50.1 MARCH 2021

MANUFACTURER'S PRICE UPDATE



8 VEHICLE MANUFACTURERS

1,004

PRICE CHANGES

1,150

NO. NEW PARTS

8,172

NO. SUPERSESSION

NEW VEHICLE RELEASE



HONDA CIVIC

MODEL YEAR
2/2020

TPS CODE
HD171 / HD172
HD173

TTS CODE
TC020

BODY SHAPE
4 Dr. Sedan

TRIM
S / TC / TC-P

2,539
TOTAL LINE ITEMS



NISSAN ALMERA

MODEL YEAR
11/2020

TPS CODE
NS142 / NS143
NS144

TTS CODE
TC020

BODY SHAPE
4 Dr. Sedan

TRIM
1.0 VL / 1.0 VLP
1.0 VLT

2,414
TOTAL LINE ITEMS



PERODUA ATIVA

MODEL YEAR
3/2021

TPS CODE
PE194 / PE195
PE196

TTS CODE
TC025

BODY SHAPE
5 Dr. SUV

TRIM
1.0 H / 1.0 X
1.0 AV

2,501
TOTAL LINE ITEMS

MANUFACTURER'S PRICE UPDATE

3 VEHICLE MANUFACTURERS

341

PRICE CHANGES

5,382

NEW PARTS PRICE

2,025

PARTS SUPERSESSION



DATABASE RELEASES AT A GLANCE

MRCDB P51.1 APRIL 2021

MANUFACTURER'S PRICE UPDATE



7 VEHICLE MANUFACTURERS

803

PRICE CHANGES

765

NO. NEW PARTS

17,311

NO. SUPERSESSION



MRCDB P51.2 APRIL 2021



MANUFACTURER'S PRICE UPDATE

7 VEHICLE MANUFACTURERS

1,140

PRICE CHANGES

2,285

NEW PARTS PRICE

8,182

PARTS SUPERSESSION

DATABASE RELEASES AT A GLANCE

MRCDB P52.0 APRIL 2021

MANUFACTURER'S PRICE UPDATE



2 VEHICLE MANUFACTURERS

141

PRICE CHANGES

1,717

NO. NEW PARTS

8,184

NO. SUPERSESSION

NEW VEHICLE RELEASE



HONDA ACCORD

MODEL YEAR

2/2020

TPS CODE

HD174
HD175

TTS CODE

TC027

BODY SHAPE

4 Dr. Sedan

TRIM

TC
TC-P

1,900

TOTAL LINE ITEMS



TOYOTA COROLLA ALTIS

MODEL YEAR

10/2019

TPS CODE

TY258
TY259

TTS CODE

TC020

BODY SHAPE

4 Dr. Sedan

TRIM

E (ZRE211R-GEXEKE SE)
E (ZRE211R-GEXEKE SS)

2,002

TOTAL LINE ITEMS

MRCDB P52.1 MAY 2021



MANUFACTURER'S PRICE UPDATE

12 VEHICLE MANUFACTURERS

23,469

PRICE CHANGES

7,574

NEW PARTS PRICE

5,533

PARTS SUPERSESSION

DATABASE RELEASES AT A GLANCE

MRCDB P53.0 MAY 2021

NEW VEHICLE RELEASE



BMW X5
BMW X5 HYBRID

MODEL YEAR

7/2019
6/2020

TPS CODE

BM168
BM169

TTS CODE

TC037

BODY SHAPE

5 Dr. SUV

TRIM

xDrive40i M Sport
xDrive40e M Sport

2,023

TOTAL LINE ITEMS



MAZDA 2

MODEL YEAR

3/2020

TPS CODE

MZ140
MZ141

TTS CODE

TC020 / MZ059

BODY SHAPE

4 Dr. Sedan
5 Dr. H/back

TRIM

SkyActiv-G (GVC)

1,299

TOTAL LINE ITEMS



KIA SORENTO
KIA GRAND CARNIVAL

MODEL YEAR

10/2018

TPS CODE

KI069 / KI079
KI075 / KI076

TTS CODE

TC047 / TC031

BODY SHAPE

M.P.V
5 Dr. SUV

TRIM

2.2D KX / 2.2D SX
EX / SX

3,977

TOTAL LINE ITEMS



TOYOTA ALPHARD
TOYOTA RAV4

MODEL YEAR

2/2020
6/2020

TPS CODE

TY271 / TY265
TY266

TTS CODE

TC047 / TC031

BODY SHAPE

M.P.V
5 Dr. SUV

TRIM

3.5 (GGH30R-PFZLK)
2.0 (MXAA52R-ANXGB RV)
2.5 (AXAA52R-ANZGB RA)

3,427

TOTAL LINE ITEMS



ISUZU



HONDA



INFINITI

MANUFACTURER'S PRICE UPDATE

5 VEHICLE MANUFACTURERS

983

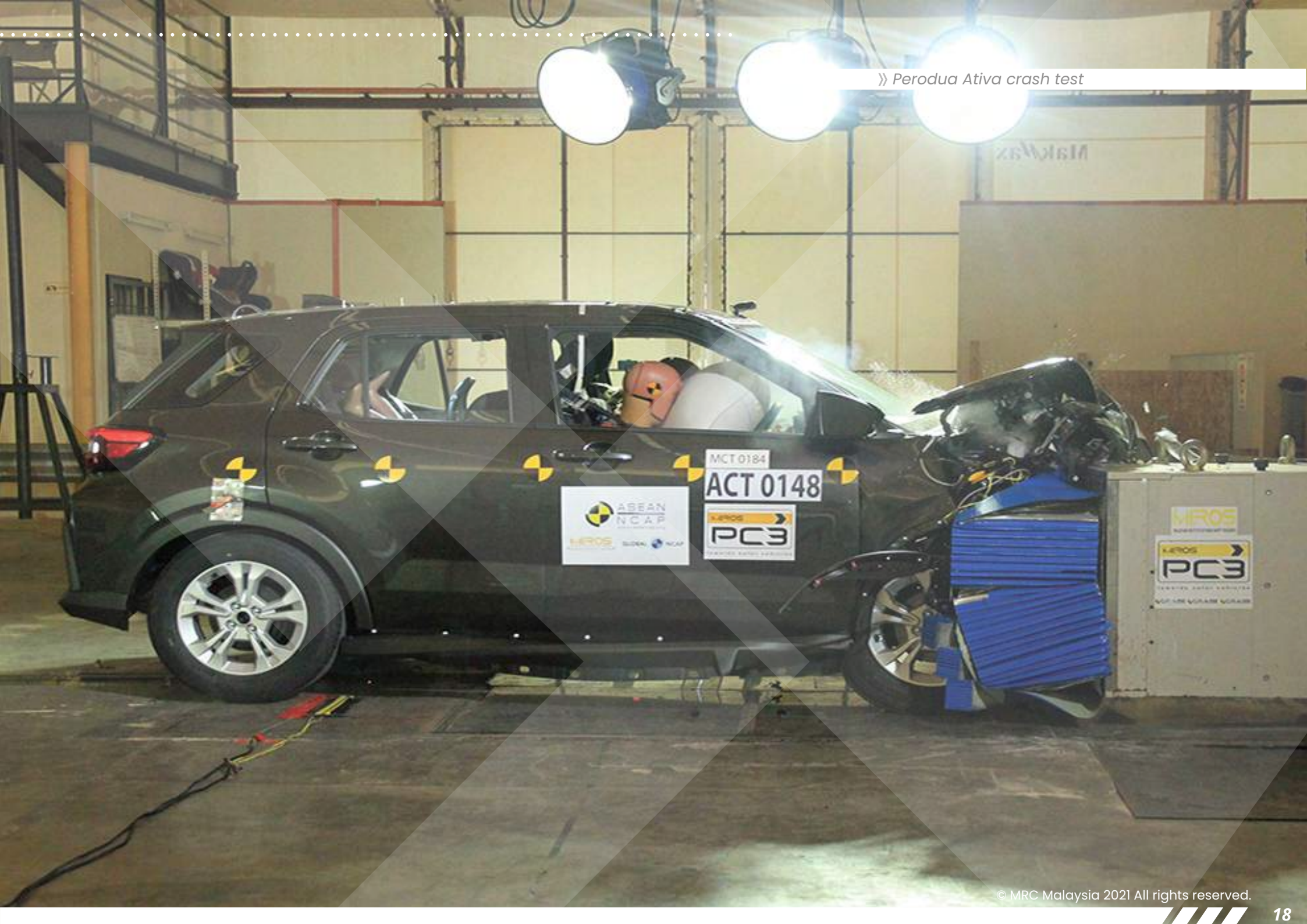
PRICE CHANGES

2,147

NEW PARTS PRICE

8,259

PARTS SUPERSESSION



Overall Rating Perodua Ativa Crash Test

The all new Perodua Ativa is Perodua's eighth model that had underwent ASEAN NCAP assessment and the first model in the ASEAN region to be assessed under the ASEAN NCAP new protocol for 2021-2025. The assessment was carried out at MIROS PC3 Crash Lab, Melaka on December 2020. In the assessment, the new Perodua SUV made an outstanding performance in the frontal offset test for AOP by scoring 37.48 points over the full score of 40.00 points. The five-seater SUV is equipped with six airbags, ABS, ESC, SBR for both frontal and rear occupants, AEB City, AEB Inter-Urban and Pedestrian as standard fitment across all its variants. Other SATs offered namely the LDW, FCW and LKA which are available either as standard or optional equipment.

The model also met the requirement under the new Motorcyclist Safety pillar in which it offers BSD and AHB as optional fitment whilst its Pedestrian Protection technology is fitted as standard. Based on the new four assessment categories—AOP, COP, SATs and MS—the new Perodua Ativa successfully achieved an overall score of 83.40 points in which is eligible to be awarded a 5-Star ASEAN NCAP rating.



	AOP			COP			SAFETY ASSIST			MS			2021-2025 ASEAN NCAP RATING
	Item	Point	Max	Item	Point	Max	Item	Point	Max	Item	Point	Max	
	ODB	14.08	16.00	FRONTAL	16.00	16.00	EBA	6.00	6.00	BSD/BSV	4.00	8.00	5
	SIDE	7.90	8.00	SIDE	8.00	8.00	SBR	4.50	6.00	ARV	-	4.00	
	HPT Evaluation	8.00	8.00	Installation	11.26	12.00	AEB City	2.50	2.50	AHB	2.00	2.00	
				Vehicle Based	9.00	13.00	AEB Inter-Urban	3.50	3.50	Ped. Protection	2.00	2.00	
				CPD	-	2.00	Advanced SATs	3.00	3.00	Advanced MST*	-	2.00	
Score		29.98	32.00		44.26	51.00		19.50	21.00		8.00	16.00	
Normalized Score		0.94			0.87			0.93			0.5		
Weighting		40%			20%			20%			20%		
Weighted Score		37.48			17.36			18.57			10.00		
Maximum Star Rating		5			5			5			5		
												OVERALL SCORE	83.40
													5

Source Courtesy of ASEAN NCAP

*Bonus Point

Thank you for reading the Issue #2, Quarter 3, 2021 MRC Technical eBulletin.
If you have any questions regarding the content, or suggestions
for improvement, please contact MRC Malaysia via



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