

EXTERIOR COLOURS



	SNOW WHITE	ARMOUR SILVER	JET GREY	CINNAMON BROWN	RUBY RED	MARINE BLUE
1.5 TGD1 BSG Standard	✓	✓	✓	-	-	-
1.5 TGD1 BSG Executive	✓	✓	✓	✓	✓	-
1.5 TGD1 BSG Premium	✓	✓	✓	✓	✓	✓
1.5 TGD1 BSG Flagship	✓	✓	✓	✓	✓	✓



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Perusahaan Otomobil Nasional Sdn. Bhd.

TECHNICAL SPECIFICATIONS

		PROTON X90			
MODEL		1.5 TGD1 BSG STANDARD	1.5 TGD1 BSG EXECUTIVE	1.5 TGD1 BSG PREMIUM	1.5 TGD1 BSG FLAGSHIP
Engine		3 Cylinders In-Line, 12 Valve DOHC, TGD1 with 48V Electric Motor Synergy System			
Engine Type		1477			
Displacement	cc	1477			
Max Power	kW(PS)/rpm	130 (177) / 5500			
Max Torque	Nm/rpm	255 / 1500-4000			
Electric Motor	Max Power kW(PS) / Max Torque Nm	10 (14) / 52			
Fuel System		Turbocharged Gasoline Direct Injection			
Fuel Tank Capacity	Litre	60			
Transmission		7-Speed Dual Clutch Transmission with Manual Mode			
Transmission Type		2WD			
Chassis		Electric Power Steering			
Steering		5.9			
Minimum Turning Radius	m	MacPherson Strut / Multi-Link with Stabiliser			
Suspension	Front / Rear	Ventilated Disc / Solid Disc			
Brakes	Front / Rear	Electric Parking Brake			
Parking Brake		225/55 R18 Alloy			
Tyres & Wheels		225/55 R18 Alloy		235/50 R19 Alloy	
Dimensions & Weight		4830 x 1900 x 1764			
Length x Width x Height	mm	4830 x 1900 x 1764			
Wheelbase	mm	2805			
Kerb Weight	kg	1730	1738	2805	1740
Exterior		LED			
Headlamps		LED			
Daytime Running Lamps		LED			
Auto Headlamps & Follow Me Home		✓			
Front Sequential Turn Signal Lamps		✓			
Front Fog Lamps		LED			
Auto Rain Sensing Front Wipers		✓			
Power Tailgate		with Nearby Auto Open		with Nearby Auto Open	
Interior		Leather			
Steering Wheel Material		Leather		Nappa Leather	
Steering Mode Selection (Normal, Comfort & Sport)		✓			
Cruise Control with Speed Limiter		✓			
Meter Combination		Standard		Full LCD	
Drive Mode Selection (Eco, Comfort & Sport)		✓			
Auto Dimming Rear View Mirror		✓			
Intelligent Entry with Push Start Button		✓			
Walk Away Auto Lock		✓			
Remote Engine Start		✓			
Front Welcome Lamps		✓			
Power Windows		All Windows : with Anti-Trap		All Windows : with Anti-Trap	
Panoramic Sunroof		✓			
Security Tint		✓			
Seat Material		Fabric		Nappa Leather	
Driver Power Seat 6-Way		-		with Lumbar 2-Way	
Front Passenger Power Seat 4-Way		-		with 'Boss Switch'	
Front Ventilated Seats		✓			
2nd Row Seat Configuration		60:40 Split Fold		60:40 Split Fold	
2nd Row Ventilated Seats		✓			
3rd Row Seat Configuration		50:50 Split Fold		50:50 Split Fold	
Auto Dual Zone Air-Conditioning with N95 Cabin Filter		✓			
Rear Air-Conditioning with 2nd & 3rd Row Air Vents		✓			
Ambient Lighting		✓			
Infotainment System		12.3"			
Touchscreen Monitor Size		12.3"			
Voice Command		✓			
Online Navigation		✓			
Online Music Streaming		✓			
Online Weather Forecast		✓			
Smartphone Connectivity		✓			
Bluetooth Connectivity		✓			
4G & Wi-Fi		✓			
Vehicle Status		✓			
Remote Control		✓			
No of Speakers		6			
USB Ports : Front (x3), 2nd Row (x2) & 3rd Row (x2)		✓			
Wireless Charger		✓			

VARIANT	1.5 TGD1 BSG STANDARD	1.5 TGD1 BSG EXECUTIVE	1.5 TGD1 BSG PREMIUM	1.5 TGD1 BSG FLAGSHIP
Safety & Security				
SRS Airbags	6 (Front, Side & Curtain)	6 (Front, Side & Curtain)	6 (Front, Side & Curtain)	6 (Front, Side & Curtain)
Anti-Lock Braking System (ABS)	✓	✓	✓	✓
Electronic Brake Distribution (EBD)	✓	✓	✓	✓
Brake Assist (BA)	✓	✓	✓	✓
Auto Brake Hold	✓	✓	✓	✓
Electronic Stability Control (ESC)	✓	✓	✓	✓
Traction Control System (TCS)	✓	✓	✓	✓
Hill Hold Assist (HHA)	✓	✓	✓	✓
Hill Descent Control (HDC)	✓	✓	✓	✓
Autonomous Emergency Braking (AEB)	-	-	✓	✓
Forward Collision Warning (FCW)	-	-	✓	✓
Rear Collision Warning (RCW)	✓	✓	✓	✓
Adaptive Cruise Control (ACC) with Stop & Go	-	-	✓	✓
Intelligent Cruise Control (ICC)	-	-	✓	✓
Lane Departure Warning (LDW)	-	-	✓	✓
Lane Departure Prevention (LDP)	-	-	✓	✓
Lane Centering Control (LCC)	-	-	✓	✓
Emergency Lane Keep Assist (ELKA)	-	-	✓	✓
Traffic Sign Information (TSI)	-	-	✓	✓
Lane Change Assist (LCA)	✓	✓	✓	✓
Rear Cross Traffic Alert (RCTA)	✓	✓	✓	✓
Door Opening Warning (DOW)	✓	✓	✓	✓
Intelligent High Beam Control (IHBC)	-	-	✓	✓
Tyre Pressure Monitoring System (TPMS)	-	-	✓	✓
Auto Park Assist (APA)	-	-	✓	✓
360 Camera with 3D Display	-	-	✓	✓
Reverse Camera	✓	✓	✓	✓
Digital Video Recorder (DVR)	-	-	✓	✓
Front Parking Sensors	2	2	4	4
Rear Parking Sensors	4	4	4	4
Immobiliser & Anti-Theft Alarm	✓	✓	✓	✓

Product specifications are subject to change without prior notice.



PROTON
INSPIRING CONNECTIONS

PROTON X90

INTELLIGENCE THAT EMPOWERS



5-YEAR WARRANTY
UNLIMITED MILEAGE

5-YEAR DATA PACKAGE
1GB/MONTH

6 TIMES FREE LABOUR SERVICE

EEV
Energy Efficient Vehicle

PROTON 500
10th APRIL 2023
5 ★★★★★
ASEAN NEAP

A Member of
DRB-HICOM

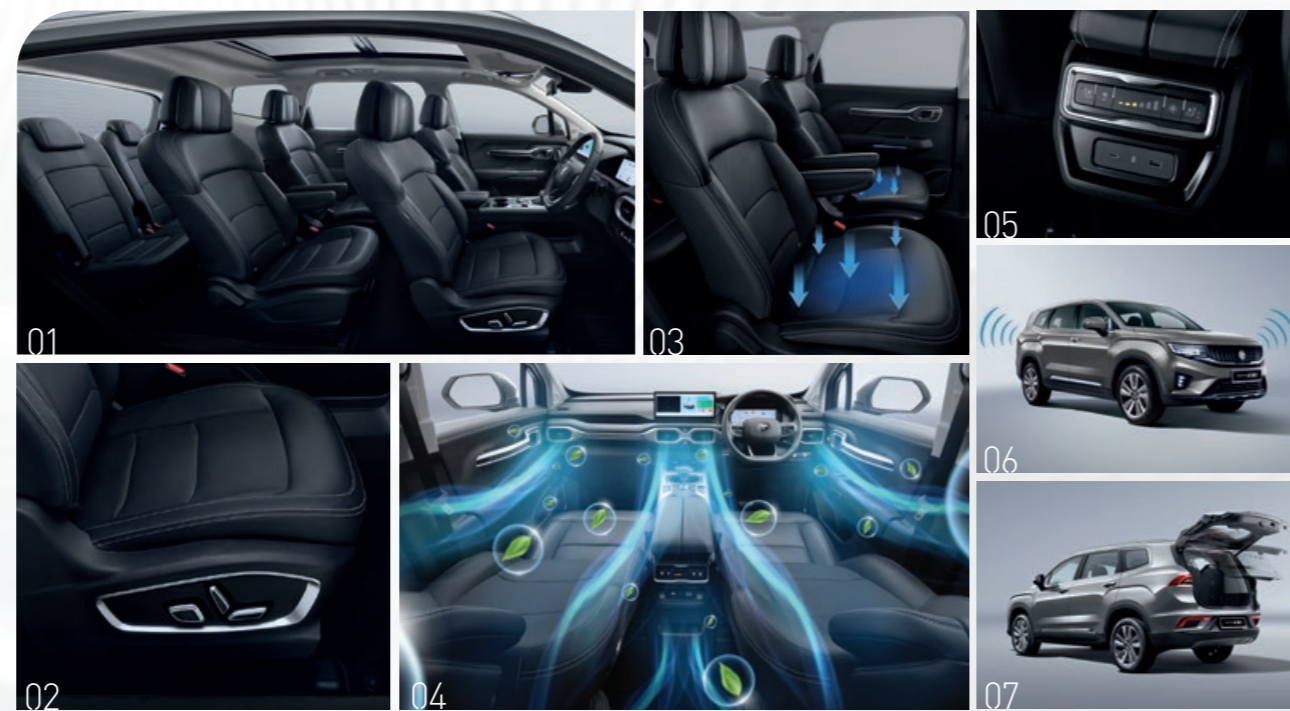


LED Headlamps with Daytime Running Lamps
Maximum illumination in all weather conditions with the stylish full LED headlamps and daytime running lamps.

PURE COMFORT

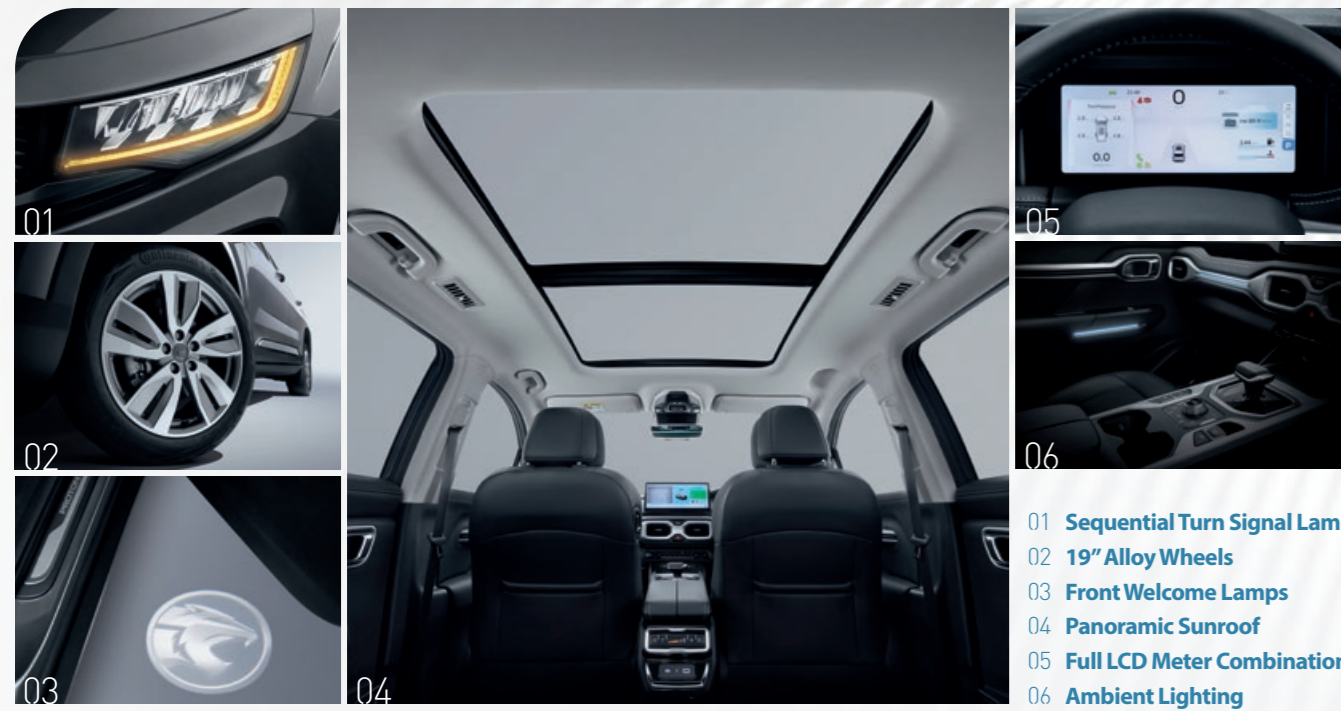
Understated and luxurious comfort features are designed to empower every travel experience.

- 01 Spacious 3-Row Seating
- 02 Power Seats
- 03 Ventilated Seats
- 04 Auto Dual Zone Air-Conditioning with N95 Cabin Filter
- 05 Independent Rear Air-Conditioning
- 06 Walk Away Auto Lock
- 07 Power Tailgate



STUNNING DESIGN

An unassuming yet bold silhouette encapsulates modern aesthetics that pushes the boundaries of merging lines, structure and space.



- 01 Sequential Turn Signal Lamps
- 02 19" Alloy Wheels
- 03 Front Welcome Lamps
- 04 Panoramic Sunroof
- 05 Full LCD Meter Combination
- 06 Ambient Lighting



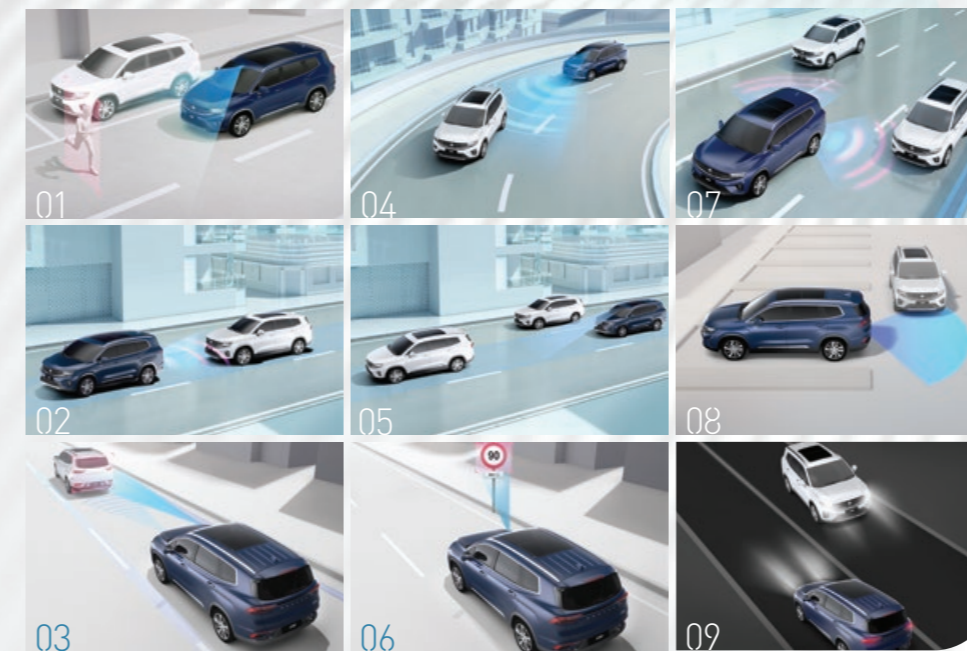
Captain Seats
True personal space with uncompromised comfort.



ADAS safety features are not a substitute for safe and attentive driving. Driver remains responsible for safe vehicle operation at all times.

ADVANCED SAFETY

Equipped with safety technology and driving assistance systems to empower confidence in every drive.



- 01 Autonomous Emergency Braking (AEB) and Forward Collision Warning (FCW)
- 02 Rear Collision Warning (RCW)
- 03 Adaptive Cruise Control (ACC) with Stop and Go
- 04 Intelligent Cruise Control (ICC)
- 05 Lane Departure Warning (LDW), Lane Departure Prevention (LDP), Lane Centering Control (LCC) and Emergency Lane Keep Assist (ELKA)
- 06 Traffic Sign Information (TSI)
- 07 Lane Change Assist (LCA)
- 08 Rear Cross Traffic Alert (RCTA)
- 09 Intelligent High Beam Control (IHBC)
- 10 6 SRS Airbags
- 11 Tyre Pressure Monitoring System (TPMS)
- 12 Auto Park Assist (APA)
- 13 360 Camera with 3D Display

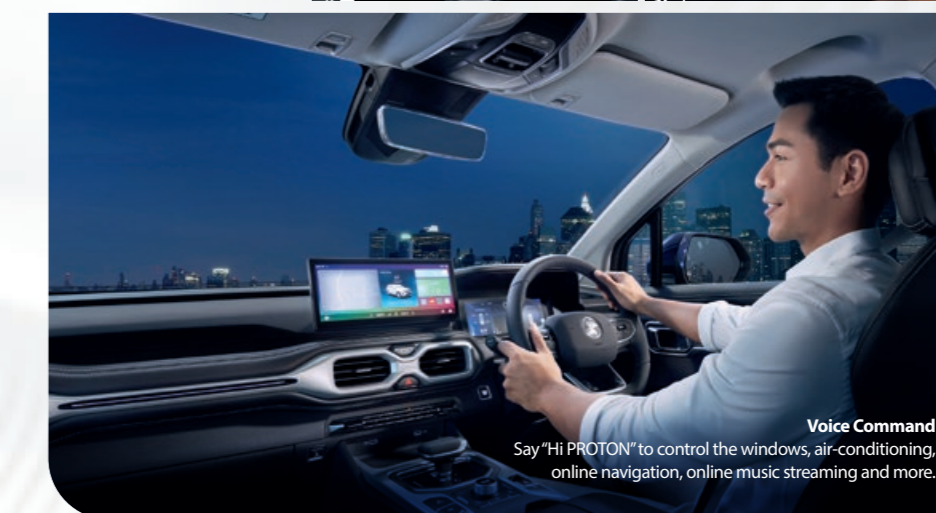


COMPREHENSIVE CONNECTIVITY

Seamless connectivity that empowers communication and delivers endless entertainment while on the go.



- 01 12.3" Infotainment Head Unit
- 02 Online Navigation
- 03 Online Music Streaming and Weather Forecast
- 04 Smartphone Connectivity
- 05 Remote Control via PROTON Link App
- 06 7 USB Ports
- 07 Wireless Charger



Voice Command
Say "Hi PROTON" to control the windows, air-conditioning, online navigation, online music streaming and more.

ELECTRIFYING PERFORMANCE

Harnessing the power of PROTON's first New Energy Vehicle to empower exhilarating performance and optimised efficiency.



- 01 1.5L TGD Engine with 48V Electric Motor Synergy System
- 02 7-Speed Dual Clutch Transmission with Manual Mode
- 03 Drive Mode Selection
- 04 Remote Engine Start
- 05 Comfort Start
- 06 Dynamic Boost
- 07 Full Boost
- 08 Smart Glide
- 09 Extended Shut Down
- 10 Auto Start Stop

