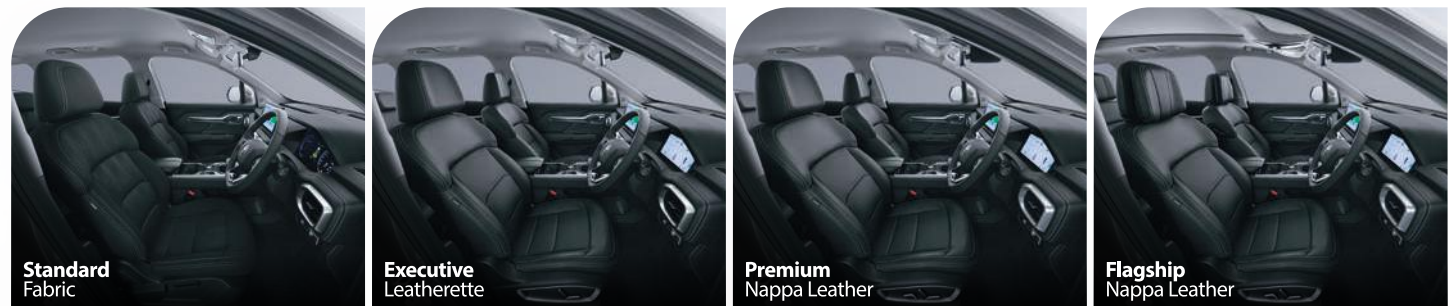


# EXTERIOR COLOURS

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



All information detailed in this leaflet is correct at the time of printing. Perusahaan Otomobil Nasional Sdn. Bhd. reserves the right to make changes to the colours, features and/or other specifications detailed in this leaflet as well as discontinue any individual model without prior notice. The vehicles may differ slightly from those featured in this leaflet. Please consult your PROTON sales outlet to ensure the vehicle is in accordance with your expectations.

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The specifications, colour and/or features of vehicle(s) shown here may vary from the actual models.

# TECHNICAL SPECIFICATIONS

MODEL		PROTON X90			
VARIANT		1.5 TGD i BSG STANDARD	1.5 TGD i BSG EXECUTIVE	1.5 TGD i BSG PREMIUM	1.5 TGD i BSG FLAGSHIP
Engine					
Engine Type		3 Cylinders In-Line, 12 Valve DOHC, TGD i with 48V Electric Motor Synergy System			
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					
Transmission Type		7-Speed Dual Clutch Transmission with Manual Mode			
Drive System		2WD			
Chassis					
Steering		Electric Power Steering			
Minimum Turning Radius	m	5.9			
Suspension	Front / Rear	MacPherson Strut / Multi-Link with Stabiliser			
Brakes	Front / Rear	Ventilated Disc / Solid Disc			
Parking Brake		Electric Parking Brake			
Tyres & Wheels		225/55 R18 Alloy		235/50 R19 Alloy	
Dimension & Weight					
Length x Width x Height	mm	4830 x 1900 x 1764			
Wheelbase	mm	2805			
Kerb Weight	kg	1730	1738	1743	1740
Exterior					
Headlamps		LED	LED	LED	LED
Daytime Running Lamps		LED	LED	LED	LED
Auto Headlamps & Follow Me Home		-	✓	✓	✓
Front Sequential Turn Signal Lamps		✓	✓	✓	✓
Front Fog Lamps		LED	LED	LED	LED
Auto Rain Sensing Front Wipers		-	✓	✓	✓
Power Tailgate		-	✓	with Nearby Auto Open	with Nearby Auto Open
Interior					
Steering Wheel Material		Leather	Leather	Nappa Leather	Nappa Leather
Steering Mode Selection (Normal, Comfort & Sport)		✓	✓	✓	✓
Cruise Control with Speed Limiter		✓	✓	✓	✓
Meter Combination		Standard	Full LCD	Full LCD	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	All Windows : with Anti-Trap	All Windows : with Anti-Trap
Panoramic Sunroof		-	-	-	✓
Security Tint		-	-	✓	✓
Seat Material		Fabric	Leatherette	Nappa Leather	Nappa Leather
Driver Power Seat 6-Way		-	✓	with Lumbar 2-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	60:40 Split Fold	Captain Seats
2nd Row Ventilated Seats					✓
3rd Row Seat Configuration		50:50 Split Fold	50:50 Split Fold	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					
Infotainment Head Unit	Touchscreen Monitor Size	12.3"	12.3"	12.3"	12.3"
	Voice Command	✓	✓	✓	✓
	Online Navigation	✓	✓	✓	✓
	Online Music Streaming	✓	✓	✓	✓
	Online Weather Forecast	✓	✓	✓	✓
	Smartphone Connectivity	✓	✓	✓	✓
	Bluetooth Connectivity	✓	✓	✓	✓
PROTON Link App	4G & Wi-Fi	✓	✓	✓	✓
	Vehicle Status	✓	✓	✓	✓
	Remote Control	✓	✓	✓	✓
No of Speakers		6	6	6	6
USB Ports : Front (x3), 2nd Row (x2) & 3rd Row (x2)		✓	✓	✓	✓
Wireless Charger		-	-	✓	✓

VARIANT	1.5 TGD i BSG STANDARD	1.5 TGD i BSG EXECUTIVE	1.5 TGD i BSG PREMIUM	1.5 TGD i BSG FLAGSHIP
<b>Safety &amp; Security</b>				
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 • Vehicles

PROTON EDAR  
15TH APRIL 2023  
★★★★★  
A Member of  
ASEAN  
NEAP  
DRB-HICOM

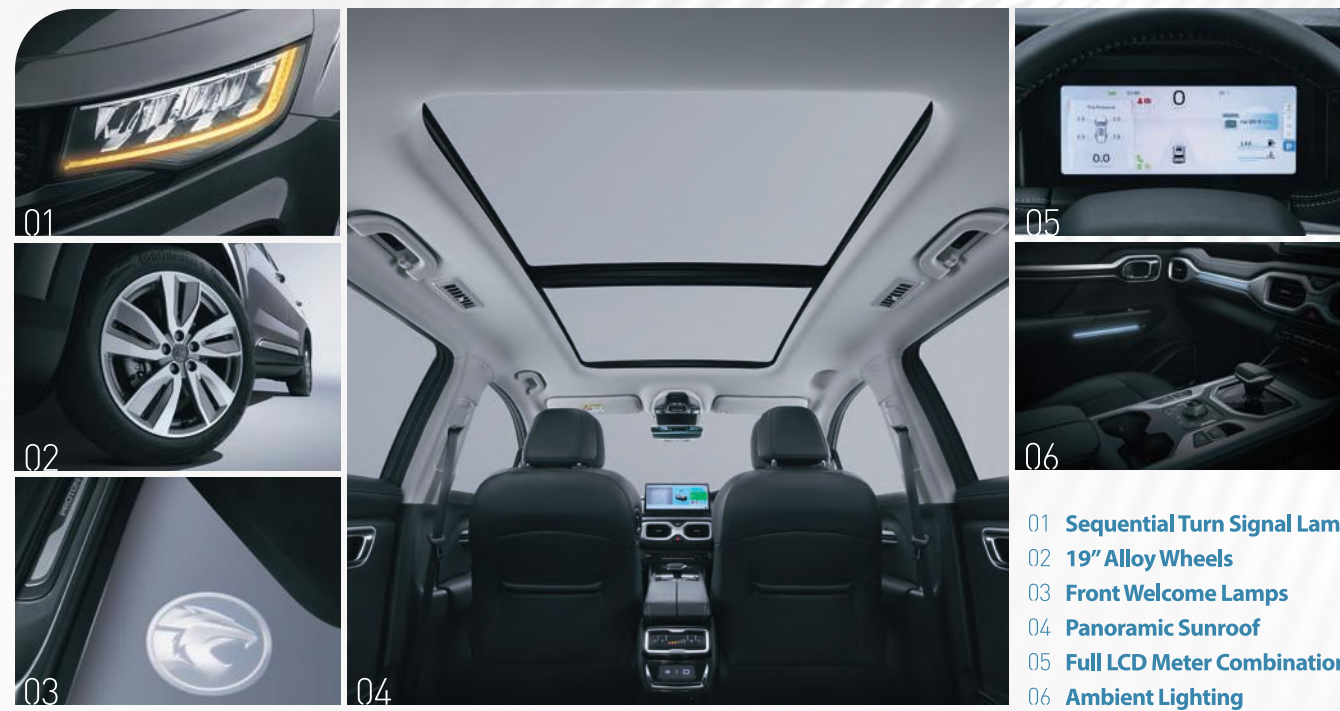




**LED Headlamps with Daytime Running Lamps**  
Maximum illumination in all weather conditions with the stylish full LED headlamps and daytime running lamps.

## STUNNING DESIGN

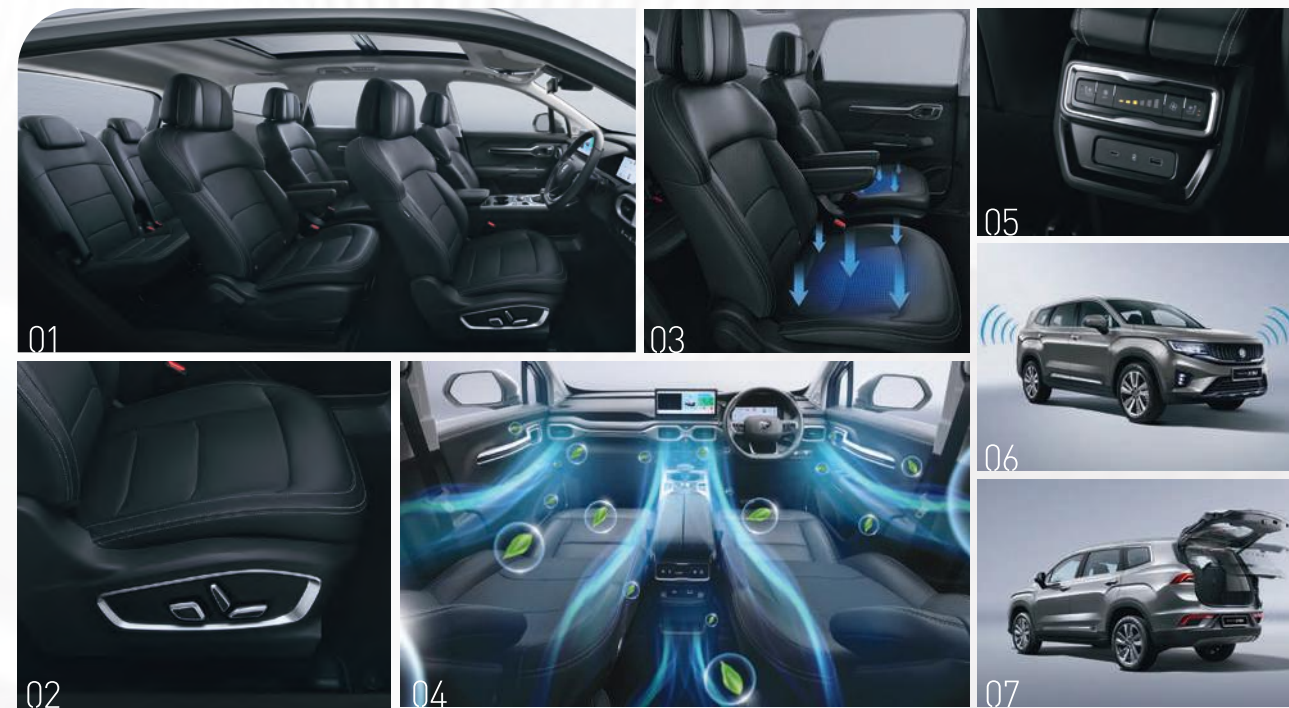
An unassuming yet bold silhouette encapsulates modern aesthetics that pushes the boundaries of merging lines structure and space.



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

## 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



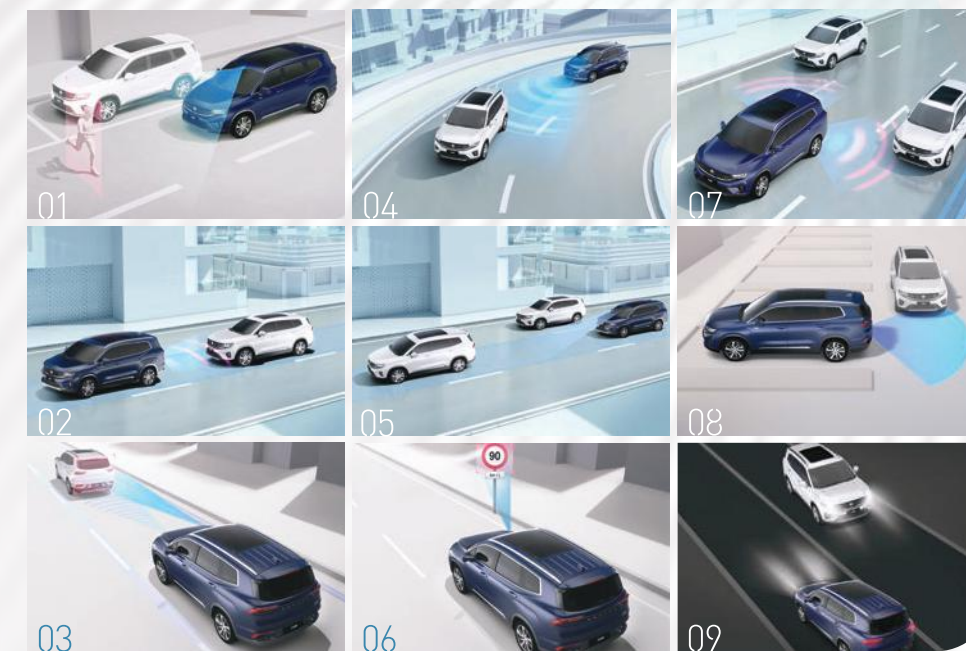
**Captain Seats**  
True personal space with uncompromised comfort.



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

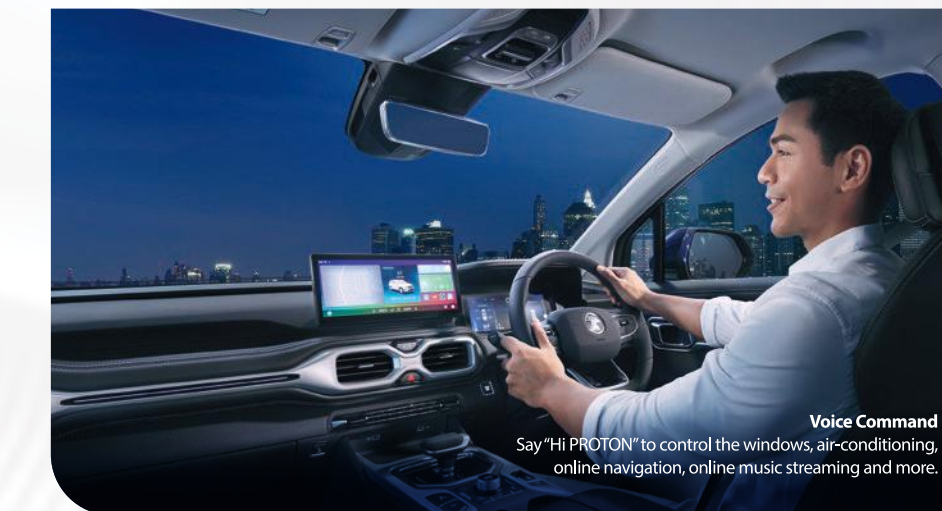


## COMPREHENSIVE CONNECTIVITY

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
  - Comfort Start
  - Dynamic Boost
  - Full Boost
  - Smart Glide
  - Extended Shut Down
  - Auto Start Stop
- 02 7-Speed Dual Clutch Transmission with Manual Mode
- 03 Drive Mode Selection
- 04 Remote Engine Start

