

Carnival

Model Year 2027



Movement that inspires

GT-Line variant shown.

Carnival

MY27 - Mechanical & Feature List

Engine	2.2L Diesel	1.6L T Petrol Hybrid (HEV)
Engine Type	SmartStream In-line 4 cyl. E-VGT ⁵ CRDi ⁶ 16 valve	SmartStream In-line 4 cyl. DOHC ¹ T-GDI ⁷ D-CVVT ⁴ /CVVD ⁸ 16 valve
Capacity (CC)	2,151	1,598
Max Power (kW @ rpm)	148 @ 3,800	132.4 @ 5,500
Max Torque (Nm @ rpm)	440 @ 1,750~2,750	265 @ 1,500~4,500
Bore x Stroke (mm)	83.0 x 99.4	75.6 x 89.0
Compression Ratio	16.0 : 1	10.5 : 1
Electric Motor	2.2L Diesel	1.6L T Petrol Hybrid (HEV)
Motor Type	-	Permanent Magnet Synchronous Motor
Hybrid Type	-	Transmission Mounted Electric Device
Max. Power (kW @ rpm)	-	54 @ 1,700~2,600
Max. Torque (Nm @ rpm)	-	304 @ 0~1,600
Combined System Output	2.2L Diesel	1.6L T Petrol Hybrid (HEV)
Max. Power (kW)	-	180
Max. Torque (Nm)	-	367
Battery	2.2L Diesel	1.6L T Petrol Hybrid (HEV)
Battery Type	-	Lithium-Ion
Voltage (V)	-	270
Capacity (Ah)	-	5.5
Energy (kWh)	-	1.5
Battery Weight (kg)	-	43
Battery Position	-	Under 2nd Row Seat (Driver Side)
Transmission	2.2L Diesel	1.6L T Petrol Hybrid (HEV)
6 Speed Automatic (Sports-Matic)	-	•
8 Speed Automatic (Sports-Matic)	•	-
Dimensions		
Overall Length (mm)	5,155	
Overall Width (mm)	1,995	
Overall Height with Roofrails (mm)	1,775	1,785
Wheelbase (mm)	3,090	
Minimum Ground Clearance (mm)	162	172
Luggage Space (All Seats Up) (L, VDA)	627	
Luggage Space (3rd Row Folded) (L, VDA)	2,827	
Fuel	2.2L Diesel A/T	1.6L T Petrol Hybrid (HEV)
Fuel Consumption (L/100km) - Combined*	6.5	5.8
Fuel Consumption (L/100km) - Urban*	7.8	4.2
Fuel Consumption (L/100km) - Extra-Urban*	5.7	6.7
CO ₂ Emission (g/km) - Combined	170	132
CO ₂ Emission (g/km) - Urban	205	96
CO ₂ Emission (g/km) - Extra-Urban	149	153
Diesel Particulate Filter (DPF)	•	-
Hood Insulator	•	•
Fuel Type Recommended	Diesel	Regular Unleaded**
Fuel Tank Capacity (L)	72	72
Weight	2.2L Diesel A/T	1.6L T Petrol Hybrid (HEV)
Tare Weight (kg)	2,189	2,285
Max. Kerb Weight (kg)	2,245	2,334
Gross Vehicle Weight (kg)	2,970	2,980
Towing Capacity [^]	2.2L Diesel A/T	1.6L T Petrol Hybrid (HEV)
Towing Capacity Unbraked (kg)	750	750
Towing Capacity Braked (kg)	2,000	1,000
Model Variant	2.2L Diesel A/T	1.6L T Petrol Hybrid (HEV)
S	•	•
Sport+	•	•
GT-Line	•	•
Steering, Brakes & Suspension	2.2L Diesel A/T	1.6L T Petrol Hybrid (HEV)
Power Steering System	C-MDPS ⁹ (Electric Power Steering)	
Drive Mode Select System	4 modes - Normal, Eco, Sport, Smart	3 modes - Eco, Sport, Smart
Energy Absorbing Steering Column	•	
Tilt & Telescopic Adjustable Steering Column	•	
Minimum Turning Circle (m)	11.7	11.8
Front Brakes	325mm Ventilated Disc	
Rear Brakes	325mm Solid Disc	325mm Ventilated Disc
Parking Brake Type	Electronic Parking Brake	
Front Suspension	McPherson Strut	
Rear Suspension	Multi-Link	

Wheels & Tyres (Petrol & Deisel only)	S	Sport+	GT-Line
Wheel Size / Design	17" Black Alloy	18" Machined Alloy	19" Machined Alloy
Tyres	235/65 R17	235/60 R18	235/55 R19
Spare Wheel Type	Temporary	Temporary	Temporary
Wheels & Tyres (Hybrid only)	S HEV	Sport+ HEV	GT-Line HEV
Wheel Size / Design	17" Aero Design Alloy	18" Aero Design Alloy	19" Gunmetal Alloy
Tyres	235/65 R17	235/60 R18	235/55 R19
Spare Wheel Type	Tyre Mobility Kit (TMK)	Tyre Mobility Kit (TMK)	Tyre Mobility Kit (TMK)
Safety	S	Sport+	GT-Line
Active Safety¹⁰			
ABS (Anti-Lock Braking System) with EBD ¹¹ & BA ¹²	•	•	•
ESC (Electronic Stability Control) with TCS ¹³	•	•	•
HAC (Hill-Start Assist Control)	•	•	•
MCB (Multi Collision Braking)	•	•	•
TSA (Trailer Stability Assist)	•	•	•
Driver & Front Passenger Shared Seatbelt Warning Chime & Light	•	•	•
2nd Row Outboard & 3rd Row Seats Seatbelt Warning Chime & Light	•	•	•
Front and Rear Parking Sensors	•	•	•
Side Parking Sensors with Dash Display	-	•	•
Rear View Camera (In-Audio Display with Dynamic Parking Guidelines)	•	•	•
SVM (Surround View Monitor)	-	•	•
Rear View Mirror (Day & Night)	•	-	-
Electrochromic Rear View Mirror (Auto Dimming)	-	•	•
DCM (Digital Centre Mirror)	-	-	•
LED High-Mounted Rear Stop Light	•	•	•
LED Front Headlights (MFR Type)	•	•	-
LED Small Cube Projection Head Lights	-	-	•
LED Daytime Running Lights	•	•	•
Dusk-Sensing Automatic Headlights	•	•	•
HBA (High Beam Assist)	•	•	•
BCA (Blind Spot Collision Avoidance Assist)	•	•	•
BVM (Blindspot View Monitor)	-	•	•
RCTA (Rear Cross Traffic Alert)	•	•	•
RCCA (Rear Cross Traffic Collision Avoidance Assist)	•	•	•
LKA (Lane Keeping Assist) with LFA2 (Lane Follow Assist 2)	•	•	•
HDA 2 (Highway Drive Assist 2) with LCA (Lane Change Assist)	-	•	•
ASCC (Advanced Smart Cruise Control) with Steering Wheel Mounted Controls	•	•	•
ISLA (Intelligent Speed Limit Assist)	•	•	•
AEB (Autonomous Emergency Brake) - Car, Pedestrian, Cyclist & Junction Turning	•	•	•
AEB (Autonomous Emergency Braking) - Junction Crossing & Direct/Oncoming Lane Change Detection	-	•	•
DAW (Driver Attention Warning) with Lead Vehicle Departure	•	•	•
SEW (Safe Exit Warning)	•	•	•
SEA (Safe Exit Assist)	-	•	•
Child Restraint Anchorage Points (5 x Top Tether / 5 x ISOFIX)	•	•	•
Passive Safety			
eCall ¹⁴ with SOS Button (Overhead Console Control)	•	•	•
Driver & Front Passenger SRS Airbags	•	•	•
Front Side SRS Airbags	•	•	•
Centre Side Airbag	•	•	•
Curtain SRS Airbags (1st, 2nd & 3rd Row)	•	•	•
Driver Knee Airbag	•	•	•
Seatbelt Pre-Tensioners with Load Limiters (Driver, Front Passenger & 2nd Row Outboard)	•	•	•
Side Door Impact Beams (Front & Rear)	•	•	•
Impact Sensing Auto Door Unlocking	•	•	•
Child-Proof Rear Door Locks	•	•	•
Security	S	Sport+	GT-Line
Anti-theft Immobiliser with Burglar Alarm	•	•	•
Remote Central Locking with Keyless Entry & Tailgate Release	•	•	•
Smart key with Push Button Start and Remote Engine Start	•	•	•
Smart Key with RSPA (Remote Smart Park Assist) ^{15A}	-	-	•
Headlight Escort Function	•	•	•
Seating	S	Sport+	GT-Line
8 Seat Capacity	•	•	•
Cloth Trim Seats	•	-	-
Premium Seats	-	•	•

Seating cont.	S	Sport+	GT-Line
6-Way Manual Driver's Seat	•	-	-
4-Way Manual Front Passenger's Seat	•	-	-
8-Way Power Front Passenger's Seat	-	•	•
10-Way Power Driver's Seat including 2-Way Lumbar Support	-	•	-
12-Way Power Driver's Seat including 4-Way Lumbar Support	-	-	•
IMS (Integrated Memory Seats, 2 Seating Positions)	-	-	•
Reversible 2nd Row Centre Seat	•	•	•
Sliding & Reclining 2nd Row Seats	•	•	•
Fold Down Table (2nd Row Centre Seat)	•	•	•
2nd Row Sliding Walk-In Device	•	•	•
60:40 Split Fold Flat 3rd Row Sinking Seats	•	•	•
Height Adjustable Headrests (All Seats) & Tilt Function (Front Seats)	•	•	•
Height Adjustable Seatbelts (1st Row)	•	•	•
Exterior Features	S	Sport+	GT-Line
Black & Chrome 'Tiger Nose' Grille	•	•	•
Matte Chrome Painted Skid Plate (Front & Rear)	-	-	•
Body Coloured Door Handles	•	•	-
Body Coloured Door Handles with Chrome Accents	-	-	•
Outside Door Handle Pocket Lights (Front)	-	•	•
Side Sill Garnish with Black Insert	•	•	-
Side Sill Garnish with Matte Chrome Insert	-	-	•
Dual Sunroof (Front Tilt & Sliding, Rear Sliding Only)	-	-	•
Electric Adjustable & Heated Outside Mirrors	•	•	•
Electric Folding Outside Mirrors with Auto Fold	-	•	•
Roof Rails	•	•	•
LED Front Fog Lights (MFR Type)	-	•	•
Bulb Rear Lamps	•	-	-
LED Rear Combination Lights	-	•	•
Rear Spoiler	•	•	•
Hidden Rear Wiper & Washer (2-speed)	•	•	•
Smart Power Sliding Doors	-	•	•
Hands-Free Smart Power Tailgate with Auto-Close	-	•	•
Windscreen with Acoustic Film	-	-	•
Privacy Glass (Rear Windows including Tailgate)	-	•	•
Front Wiper & Washer (2-Speed Variable/5-Speed Intermittent)	•	•	•
Auto Rain Sensing Wipers	-	•	•
Aero-Blade Wipers	-	•	•
Shark Fin Antenna	•	•	•
Interior Features	S	Sport+	GT-Line
Premium Steering Wheel	•	•	•
Premium Shift Knob	-	(ICE only)	-
Shift-By-Wire (Dial Type)	(HEV only)	(HEV only)	•
Paddle Shifters	(HEV only)	(HEV only)	•
Heated Steering Wheel	-	-	•
Basic Digital Driver Cluster with 4" Multi Function LCD Display	•	-	-
Integrated Display (12.3" Digital Driver Cluster + 12.3" Touch Screen Infotainment)	-	•	•
Ambient Temperature Display (within Cluster)	•	•	•
Interior Mood Lighting	-	-	•
Power Windows (1st & 2nd Row) with Auto Up & Down and Safety Function on Driver's Side only	•	-	-
Power Windows (1st & 2nd Row) with Auto Up & Down and Safety Function	-	•	•
Satin Silver Interior Door Handle	•	•	•
Metal Look Centre Fascia	•	-	-
Textured Centre Fascia	-	•	-
Gloss Black Centre Fascia	-	-	•
ROA (Rear Occupant Alert) with Sensor	•	•	•
Bulb Interior Lights (All Rows)	•	•	-
LED Interior Lights (All Rows)	-	-	•
Bulb Cargo Lamp	•	•	-
LED Cargo Lamp	-	-	•
Sunshade Blinds (2nd & 3rd Row)	-	-	•
Rear Window Defroster with Timer	•	•	•
Wireless Charger ¹⁵	-	•	•
1st Row USB Chargers (2 x Front Console)	•	•	•
2nd Row USB Chargers (2 x 1st Row Seats Side)	•	•	•
3rd Row USB Chargers (2 x Side Panel)	-	-	•
3 x 12 Volt Power Outlets (Front Storage Tray, Behind Centre Console & Cargo Area)	•	•	•
Driver & Passenger Sliding Sunvisors with Illuminated Vanity Mirror	•	•	•

Storage	S	Sport+	GT-Line
4 x Bottle Holders (Front & Rear Doors)	•	•	•
9 x Cup Holders (2 x Front Console, 2 x Centre Console, 2 x 2nd Row Seatback, 3 x 3rd row)	•	•	•
3 x Phone Holders (1 x Centre Console, 2 x 2nd Row Seatback)	•	•	•
Map Pockets (Front Doors)	•	•	•
Illuminated Glovebox	•	•	•
Centre Console Storage Box	•	•	•
Front Seat Back Pockets	•	•	•
2 x Coat Hooks (2nd Row Sides)	•	•	•
Shopping Bag Hook (Front Passenger Seat Back)	•	•	•
Luggage Net Hooks (Cargo Area)	•	•	•
Luggage Net	-	-	•
Audio & Infotainment	S	Sport+	GT-Line
AM/FM Radio	•	•	•
DAB Digital Radio	-	•	•
6 Speakers Sound System (4 Speakers, 2 Tweeters)	•	-	-
8 Speakers Sound System (6 Speakers, 2 Tweeters)	-	•	-
12 Speakers BOSE® Premium Sound System ¹⁶ (8 Speakers, 2 Tweeters, Centre Speaker & Subwoofer)	-	-	•
Centerpoint® Surround Technology ¹⁶	-	-	•
Satellite Navigation Multimedia System with 10 Years Traffic Information & Map Update	-	•	•
HUD (Head Up Display)	-	-	•
Kia Connect ¹⁷ Telematics (eCall, Remote Control, Vehicle Status Monitoring etc.)	•	•	•
Over-the-Air Updates	•	•	•
AI Voice Commands with Natural Voice Recognition ¹⁸ (Steering Wheel Voice Command Button Control)	•	•	•
12.3" Colour LCD Touch Screen	•	•	•
Wired & Wireless Android Auto™- & Apple CarPlay™- with Voice Recognition	•	•	•
Bluetooth® Multi-Connection Functionality (Phone/Media Stream) ¹⁹	•	•	•
Steering Wheel Mounted Audio/Bluetooth® Controls ¹⁹	•	•	•
Dynamic Speed Compensation	-	-	•
SDVC (Speed Dependent Volume Control)	•	•	-
Ventilation	S	Sport+	GT-Line
Front & Rear Manual Air-Conditioning	(ICE only)	-	-
Dual-Zone Front Climate Control Air-Conditioning (3-stage)	(HEV only)	•	•
Single-Zone Rear Climate Control Air-Conditioning	(HEV only)	•	•
2nd Row Roof Vents with Controls	•	•	•
3rd Row Roof Vents	•	•	•
Ventilated Front Seats (3-Steps)	-	-	•
Heated Front & 2nd Row Outer Seats (3-Steps)	-	•	•
Auto Window Defog	(HEV only)	•	•
Exterior Colours	S	Sport+	GT-Line
Ceramic Grey (C4S)	•	•	•
Astra Blue (D2U) [#]	•	•	•
Flare Red (C7R) [#]	•	•	•
Panthera Metal (P2M) [#]	•	•	•
Snow White Pearl (SWP) [#]	•	•	•
Iceberg Green (IEG) [#]	•	•	•
Deep Chroma Blue (D9B) [#]	-	•	•
Aurora Black Pearl (ABP) [#]	-	•	•
Interior Colours	S	Sport+	GT-Line
Black & Taupe Two-Tone Interior (Cloth)	•	-	-
Black & Taupe Two-Tone Interior (Artificial Leather)	-	•	•

• Standard - Not available

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