

DAIHATSU SIRION



SIRION







Believing compact cars should be just as safe as larger cars, Daihatsu has equipped the Sirion for safety. An advanced, rigid body structure with crumple zones protects against front, rear and side collision, or when striking an offset object. To boost front-end safety, the frame is designed to bend at the centre in a V-shape while the engine and transmission slide downward rather than toward the cabin. SRS air bags are standard for both driver and front-seat passenger, and side air bags are available as an option. Both front seat belts are equipped with a pretensioner and force limit mechanism.



The Sirion features what could be the world's most efficient engine. With high torque from the low- to mid-rpm range, this newly developed 989-cc, 3-cylinder, 12-valve DOHC engine combines the smooth performance of larger engines with fuel efficiency that is almost unsurpassed today (5-speed manual transmission model: 4.9 l/100 km; 4-speed automatic: 5.5 l/100 km, in Extra-Urban Mode).

The engine is among the cleanest of any passenger car. CO, HC and NOx emissions have been slashed by a new design that boosts atomizing efficiency and achieves leaner fuel atomization when the engine is cold, and by improvements to the catalyst.



The short-nose, long-cabin design results in a compact body (CX: 3,675 × 1,595 × 1,450 mm [L×W×H]), yet there is plenty of headroom and legroom both front and rear. The spacious cabin (1,725 × 1,330 × 1,190 mm [L×W×H]) seats five in comfort, while six large windows assure a bright, open feeling. The flat, square luggage compartment offers easy access and a class-leading 235-dm³ (VDA measurement) loading capacity.



Specifications

| Item | | Grade | CX | CL |
|------------------------------|---------------|----------|---|-----------|
| Overall length | mm | (GVW) | 3675 | |
| Overall width | mm | (GVW) | 1595 | 1590 |
| Overall height | mm | | 1450 | |
| Interior length | mm | | 1725 | |
| Interior width | mm | | 1330 | |
| Interior height | mm | (GVW) | 1190 | |
| Wheelbase | mm | | 2345 | |
| Track | Front | mm (GVW) | 1395 | 1405 |
| | Rear | mm (GVW) | 1365 | 1375 |
| Minimum road clearance | mm | (GVW) | 110 | |
| Curb weight | 5M/T | kg | 835 | 810 |
| | 4A/T | kg | 845 | 820 |
| Gross vehicle weight | 5M/T | kg | 1320 | |
| | 4A/T | kg | 1320 | |
| Seating capacity | | | 5 | |
| Min. turning radius (tyre) | (m) | | 4.4 | |
| Engine type | | | EJ-DE, petrol, water-cooled, 3-cylinder, 4-cycle, 12-valve, DOHC | |
| Total displacement | (cc) | | 989 | |
| Bore × stroke | (mm) | | 72 × 81 | |
| Max. output | | | 40.5 k W/5200 rpm | |
| Max. torque | | | 88.3 N-m/3600 rpm | |
| Compression ratio | | | 10 | |
| Fuel system | | | EFI | |
| Fuel tank capacity | (litres) | | 40 | |
| Clutch (manual transmission) | | | Dry single plate with diaphragm spring and mechanical actuation | |
| Transmission | 5M/T | | Forward 5-speed manual, all synchromesh | |
| | 4A/T | | Forward 4-speed full automatic | |
| Transmission gear ratios | 5M/T | | 1st-3.181, 2nd-1.842, 3rd-1.250, 4th-0.916, 5th-0.750 Rev-3.142 | |
| | 4A/T | | 1st-2.800, 2nd-1.540, 3rd-1.000, 4th-0.700, Rev-2.333 | |
| Final reduction gear ratio | 5M/T | | 4.500 | |
| | 4A/T | | 4.438 | |
| Steering type | | | Rack & pinion | |
| Main brakes | Front | | Disc brakes with booster | |
| | Rear | | Drum brakes, leading and trailing | |
| Parking brake | | | Mechanically operating on rear wheels | |
| Suspension | Front | | MacPherson struts with coil springs | |
| | Rear | | Semi-independent torsion axle beam with coil springs (with stabilizer for Europe) | |
| Tyres (standard) | | | 165/65R14 | 145/80R13 |
| Trailer towing | with brake | kg | 750 | |
| | without brake | kg | 350 | |

Note: Daihatsu reserves the right to make changes at any time, without notice, in prices, colours, materials, equipment, specifications and models, and also to discontinue models.
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DAIHATSU MOTOR CO., LTD.

1-1, DAIHATSU, IKEDA, OSAKA, 563-8651, JAPAN

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