

MAJOR TECHNICAL SPECIFICATIONS

■ GS430/300

| Item | | Area | U.S.A. and Canada | |
|------------------------------------|----------------------------------|--------------------------|---|---|
| | | Body Type | 4-Door Sedan | |
| | | Model Name | GS430 | GS300 |
| | | Model Code | UZS161L-BEAQKA | JZS160L-BEAQFA |
| Major Dimensions & Vehicle Weights | Overall | Length mm (in.) | 4805 (189.2) | ← |
| | | Width mm (in.) | 1800 (70.9) | ← |
| | | Height* mm (in.) | 1440 (56.7) | ← |
| | Wheel Base | mm (in.) | 2800 (110.2) | ← |
| | Tread | Front mm (in.) | 1535 (60.4) | ← |
| | | Rear mm (in.) | 1510 (59.4) | ← |
| | Effective Head Room | Front mm (in.) | 990 (39.0), 956 (37.6)* ¹ | ← |
| | | Rear mm (in.) | 950 (37.4), 924 (36.4)* ¹ | ← |
| | Effective Leg Room | Front mm (in.) | 1130 (44.5) | ← |
| | | Rear mm (in.) | 870 (34.3) | ← |
| | Shoulder Room | Front mm (in.) | 1466 (57.7) | ← |
| | | Rear mm (in.) | 1437 (56.6) | ← |
| | Overhang | Front mm (in.) | 835 (32.9) | ← |
| | | Rear mm (in.) | 1170 (46.1) | ← |
| | Min. Running Ground Clearance | mm (in.) | 135 (5.3) | ← |
| | Angle of Approach | degrees | 16° | ← |
| | Angle of Departure | degrees | 14° | ← |
| | Curb Weight | Front kg (lb) | 900 (2005)* ² , 920 (2030)* ³ | 880 (1940)* ² , 890 (1965)* ³ |
| | | Rear kg (lb) | 775 (1710)* ² , 780 (1720)* ³ | 775 (1710)* ² , 780 (1720)* ³ |
| | | Total kg (lb) | 1685 (3715)* ² , 1700 (3750)* ³ | 1655 (3650)* ² , 1670 (3685)* ³ |
| | Gross Vehicle Weight | Front kg (lb) | 1015 (2240)* ² , 1015 (2240)* ³ | 980 (2160)* ² , 985 (2170)* ³ |
| | | Rear kg (lb) | 1120 (2470)* ² , 1120 (2470)* ³ | 1120 (2470)* ² , 1115 (2460)* ³ |
| | | Total kg (lb) | 2135 (4710)* ² , 2135 (4710)* ³ | 2100 (4630)* ² , 2100 (4630)* ³ |
| | Fuel Tank Capacity | ℓ (U.S. gal, Imp.gal) | 75 (19.8, 16.5) | ← |
| | Luggage Compartment Capacity | m ³ (cu.ft.) | 0.420 (14.8) | ← |
| Performance | Max. Speed | km/h (mph) | 239 (149) | 230 (142) |
| | Max. Cruising Speed | km/h (mph) | 215 (134) | 210 (130) |
| | Acceleration | 0 to 60 mph sec. | 5.8 | 7.6 |
| | | 0 to 400 m sec. | 14.3 | 15.7 |
| | Max. Permissible Speed | 1st Gear km/h (mph) | — | 55 (34) |
| | | 2nd Gear km/h (mph) | — | 85 (52) |
| | | 3rd Gear km/h (mph) | — | 130 (80) |
| | | 4th Gear km/h (mph) | — | — |
| | Turning Diameter (Outside Front) | Wall to Wall m (ft.) | 11.7 (38.4) | ← |
| | | Curb to Curb m (ft.) | 11.3 (37.1) | ← |
| Engine | Engine Type | | 3UZ-FE | 2JZ-GE |
| | Valve Mechanism | | 32-Valve, DOHC | 24-Valve, DOHC |
| | Bore × Stroke | mm (in.) | 91.0 × 82.5 (3.58 × 3.25) | 86.0 × 86.0 (3.39 × 3.39) |
| | Displacement | cm ³ (cu.in.) | 4293 (261.9) | 2997 (182.9) |
| | Compression Ratio | | 10.5 : 1 | ← |
| | Carburetor Type | | SFI | ← |
| | Research Octane No. | RON | 95 or more | ← |
| | Max. Output (SAE-NET) | kW/rpm (HP@rpm) | 223.4/5600 (300@5600) | 164/5800 (220@5800) |
| Engine Electrical | Max. Torque (SAE-NET) | N·m/rpm (lb-ft@rpm) | 440/3400 (325@3400) | 298/3800 (220@3800) |
| | Battery Capacity (5HR) | Voltage & Amp. hr. | 12 – 55 | ← |
| | Generator Output | Watts | 1200 | ← |
| Chassis | Transmission | Starter Output kW | 2.0 | 1.4 |
| | | Clutch Type | — | — |
| | | Transmission Type | A650E | ← |
| | Transmission Gear Ratio | In First | 3.357 | ← |
| | | In Second | 2.180 | ← |
| | | In Third | 1.424 | ← |
| | | In Fourth | 1.000 | ← |
| | | In Fifth | 0.753 | ← |
| | | In Reverse | 3.431 | ← |
| | Differential Gear Ratio | | 3.266 | 3.916 |
| | Differential Gear Size | in. | 8" | ← |
| | Brake Type | Front | Ventilated Disc | ← |
| | | Rear | Solid Disc | ← |
| | Parking Brake Type | | Duo-Servo | ← |
| | Brake Booster Type | | Hydraulic | ← |
| | Proportioning Valve Type | | — | — |
| | Suspension Type | Front | Double Wishbone | ← |
| | | Rear | Double Wishbone | ← |
| | Stabilizer Bar | Front | STD | ← |
| | | Rear | STD | ← |
| | Steering Gear Type | | Rack & Pinion | ← |
| | Steering Gear Ratio (Overall) | | 17.2 | ← |
| | Power Steering Type | | Integral Type | ← |

*: Unladen Vehicle *¹: With Moon Roof *²: Models for U.S.A. *³: Models for Canada