

Specifications

Capacities

Manual trans- mission fluid	Change	2.2 ℓ (2.3 US qt, 1.9 Imp qt)
	Total	2.3 ℓ (2.4 US qt, 2.0 Imp qt)
Automatic transmission fluid	Change	2.7 ℓ (2.9 US qt, 2.4 Imp qt)
	Total	5.9 ℓ (6.2 US qt, 5.2 Imp qt)
Windshield washer reservoir	US cars	2.5 ℓ (2.6 US qt, 2.2 Imp qt)
	Canadian cars	4.5 ℓ (4.8 US qt, 4.0 Imp qt)

Lights

Headlights	High	12 V — 65 W (HB3)
	Low	12 V — 55 W (HB4)
Front turn signal/parking lights		12 V — 32/3 CP (SAE 1157)
Front side marker lights		12 V — 3 CP (SAE 168)
Rear turn signal lights		12 V — 32 CP (SAE 1156)
Stop/Taillights		12 V — 32/3 CP (SAE 1157)
High mount brake light*		12 V — 21 CP (SAE 921)
Rear side marker lights		12 V — 3 CP (SAE 168)
Back-up lights		12 V — 32 CP (SAE 1156)
License plate lights		12 V — 8 W
Ceiling light		12 V — 5 W
Cargo area light		12 V — 3.4 W
Spotlights		12 V — 5 W

* : Except high-mount brake light installed in rear spoiler.

Battery

Capacity	12 V — 36 AH/5 HR
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Fuses

Interior	See page 196 or the fuse label attached to the inside of the fuse box door under the dashboard.
Under-hood	See page 197 or the fuse box cover.

Alignment

Toe-in	Front	0 mm (0.0 in)
	Rear	3.0 mm (0.12 in)
Camber	Front	— 0°05'
	Rear	— 0°45'
Caster	Front	1°10'

Tires

Size	Front/Rear	P195/60R14 85H * ¹ P195/55R15 84V * ²
	Spare	T115/70D14 * ³ T125/70D14 * ⁴
Pressure	Front	200 kPa (2.0 kgf/cm ² , 29 psi) * ¹ 240 kPa (2.4 kgf/cm ² , 35 psi) * ²
	Rear	200 kPa (2.0 kgf/cm ² , 29 psi) * ¹ 230 kPa (2.3 kgf/cm ² , 33 psi) * ²
	Spare	415 kPa (4.15 kgf/cm ² , 60 psi)

*1 : RS, LS

*2 : GS-R, LS Special

*3 : RS

*4 : LS, LS Special, GS-R

Anti-lock Brake System

The Anti-lock Brake System (ABS) is standard equipment on the LS, LS Special and GS-R models. It is not available on the RS model.

The ABS works by measuring how fast the wheels are turning during braking and comparing their speeds. If any wheel is rotating much slower than the others (on the verge of locking up and skidding), the system reduces hydraulic pressure to that wheel's brake caliper. When that wheel's speed matches the other wheels, the system applies normal hydraulic pressure. This can take place several times per second at each wheel. You feel the ABS working as rapid pulsations in the brake pedal.

Each wheel has a wheel speed sensor assembly. As the wheel rotates, the sensor sends electrical pulses to the ABS control unit. The pulse frequency varies with the wheel speed.

The electrical output of the ABS control unit is connected to the modulator/solenoid unit. During braking, the ABS control unit monitors the pulse frequencies from the four wheels. When the control unit detects a wheel locking up, it energizes the appropriate solenoid in the modulator/solenoid unit. There are six solenoids: two for each front wheel, and two for the rear wheels. The energized solenoid reduces hydraulic pressure to one side of a modulator valve. This, in turn, reduces hydraulic pressure in the brake line going to the affected wheel. When that wheel speeds up because of the reduced braking effort, the control unit de-energizes

the solenoid. This builds hydraulic pressure on the modulator valve. The pressure increases in the hydraulic line to the wheel.

For the system to react quickly, the modulator/solenoid unit must have brake fluid under high pressure. This is supplied by a piston-type accumulator that is pressurized by an electric pump. A pressure-sensing switch on the accumulator controls this pump.

The control unit also contains error detection circuitry. It monitors the operation of the wheel sensors, solenoids, pump, and electronics. If the control unit detects any faults, it shuts off power to the pump motor and solenoids. The light on the instrument panel comes on. The brakes then work like a conventional system without anti-lock capabilities.

Tire Size Designation

A tire's sidewall is marked with a tire size designation. You will need this information when selecting replacement tires for your car. The following explains what the letters and numbers in the tire size designation mean.

(Example tire size designation)
P195/55R15 84V

P — Applicable vehicle type (tires marked with the prefix "P" are intended for use on passenger cars; however, not all tires have this marking).

195 — Tire width in millimeters.

55 — Aspect ratio. The tire's section height as a percentage of its width.

R — Tire construction code (Radial).

15 — Rim diameter in inches.

84 — Load Index, a numerical code associated with the maximum load the tire can carry.

V — Speed Rating Symbol. See the speed rating chart in this section for additional information.

Wheel Size Designation

Wheels are also marked with important information that you need if you ever have to replace one. The following explains what the letters and numbers in the wheel size designation mean.

(Example wheel size designation)
15 x 6 JJ

15 — Rim diameter in inches.

6 — Rim width in inches.

JJ — Rim contour designation.

Tire Speed Ratings

The chart below shows many of the different speed ratings currently being used for passenger car tires. The speed rating symbol is part of the tire size designation on the sidewall of the tire. This symbol corresponds to that tire's designed maximum safe operating speed.

Speed Rating Symbol	Maximum Speed
S	112 mph (180 km/h)
T	118 mph (190 km/h)
H	130 mph (210 km/h)
V	149 mph (240 km/h)
Z	Above 149 mph (240 km/h)