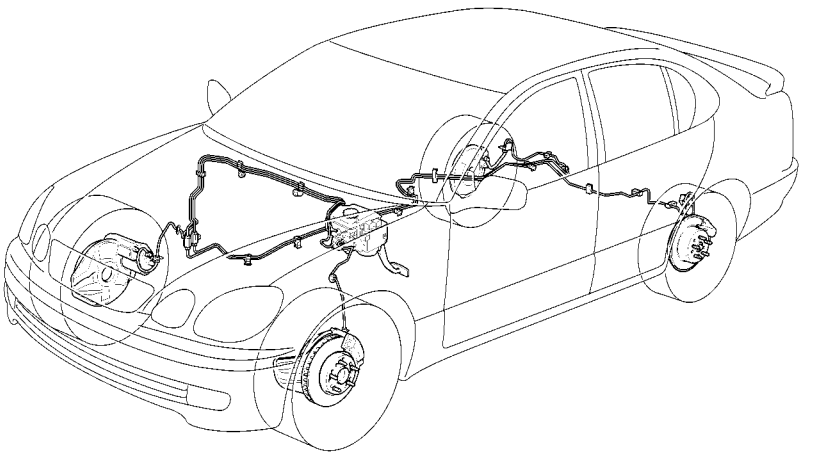
BRAKES

■ DESCRIPTION

The brakes of the new model provide the following features:

- The ventilated disc brake and the 2-piston type caliper are used for the front brakes as in the previous model.
- The solid disc brake and the 2-piston opposed type caliper are used for the rear brakes.
- The drum in disc duo servo brake is used for the parking brake as in the previous model.
- A mechanism that helps to prevent the brake pedal from retracting during a collision has been adopted.
- A friction-type lock mechanism is used for the lock mechanism of the parking brake pedal.
- The center port type single master cylinder is used.
- A hydraulic brake booster, in which the brake actuator and master cylinder are integrated, is used.
- ABS and TRC system are standard equipment on all models.
- A new VSC (Vehicle Stability Control) system is standard equipment on all models.
- The brake control valve has been discontinued.



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LHD Model

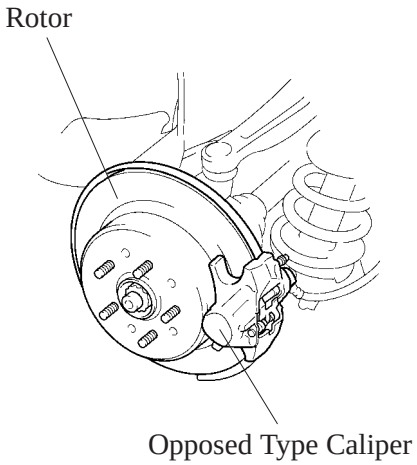
▶ Specifications ◀

Item \ Model			New	Previous
Master Cylinder	Type		Single	Tandem
	Diameter	mm (in.)	22.2 (0.87)	27.0 (1.06)
Brake Booster Type			Hydraulic	Vacuum
Front Brake	Type		Ventilated Disc	←
	Pad Area	cm^2 ($in.^2$)	57.6 (8.93), 59 (9.15)*1	←
	Wheel Cylinder Dia.	mm (in.)	44.4 (1.75) × 2	←
	Rotor Size (D × T)*2	mm (in.)	296 × 32 (11.65 × 1.26)	←
Rear Brake	Type		Solid Disc	Ventilated Disc
	Pad Area	cm^2 ($in.^2$)	21 (3.26)	33 (5.12)
	Wheel Cylinder Dia.	mm (in.)	40.4 (1.59), 34.9 (1.38)*1	40.4 (1.59)
	Rotor Size (D × T)*2	mm (in.)	307 × 12 (12.09 × 0.47)	307 × 16 (12.09 × 0.63)
Brake Control Valve Type			—	P & B Valve
Parking Brake	Type		Duo-Servo	←
	Size	mm (in.)	190 (7.48)	←
	Lever Type		Pedal	←
ABS (Anti-Lock Brake System)			STD*3	STD
TRC (Traction Control)			STD*3	STD*4
VSC (Vehicle Stability Control)			STD	—

*1: Models for General Countries
*2: D: Outer Diameter, T: Thickness
*3: Included in VSC system
*4: LHD Model

■REAR BRAKE

- A compact and lightweight opposed type caliper is used.
- A brake caliper, in which the brake pads can be replaced by removing the pad springs and pad pins, has been adopted for improved serviceability.



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