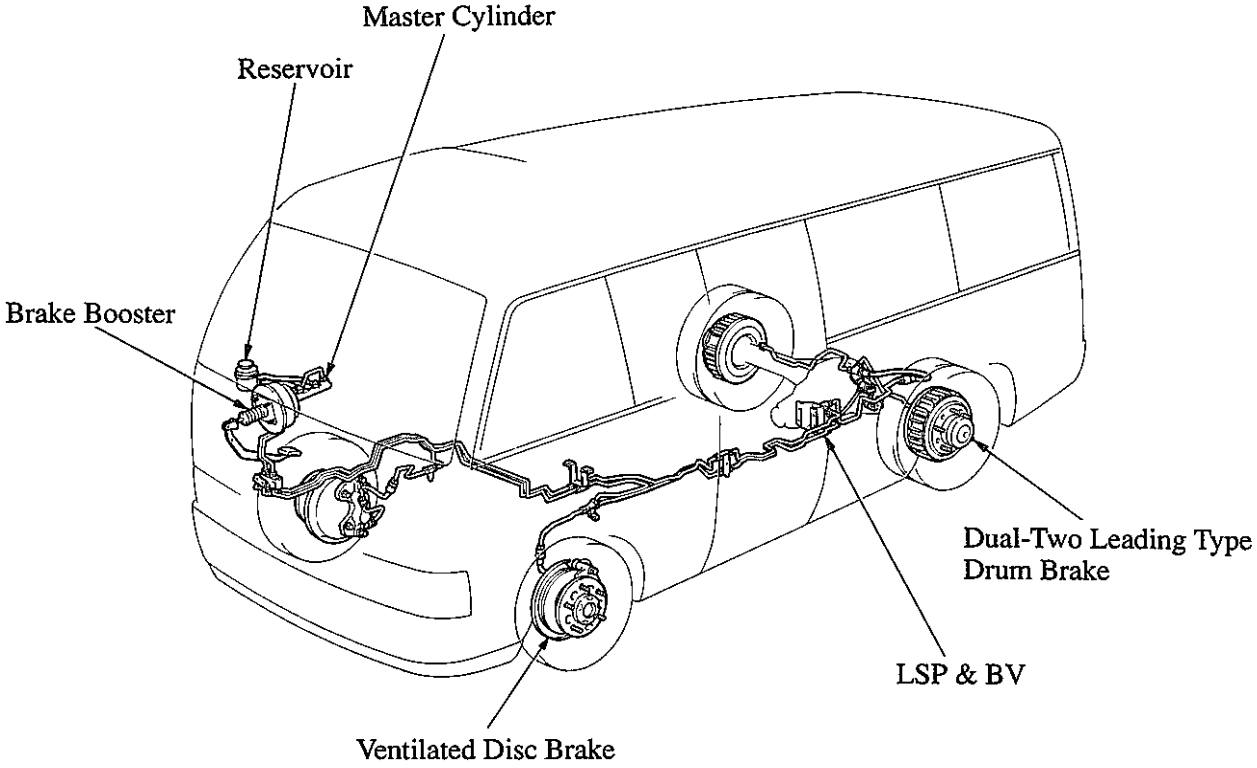
BRAKES

DESCRIPTION

Two types of front brakes are available: A ventilated disc type, or a two-leading type drum. Dual-two-leading type drum brakes are used in the rear. The basic construction and operation are the same as those of the previous model, except for the following modifications:

- Tandem type brake booster adopted on the long wheelbase model.
- Audible type pad wear indicators adopted for the front disc brakes.
- Brake drums with fins are now standard equipment for both the front and rear drum brakes, and their backing plates are provided with shoe inspection holes.
- The brake control valve on models for Australia has been changed from the LSPV (Load Sensing Proportioning Valve) to the LSP&BV (Load Sensing Proportioning and Bypass Valve).



RHD Model for Australia

▶ Specifications ◀

Model / Wheel Base / Item		New		Previous	
		Short	Long	Short	Long
Master Cylinder	Type	Tandem	←	←	←
	Diameter mm (in.)	26.99 (1.06)	26.99 (1.06), 28.57 (1.12)*1	25.4 (1.00)	26.99 (1.06), 25.4 (1.00)*2
Brake Booster	Type	Single	Tandem	Single	←
	Size in.	11"	9" + 10"	9"	10.5"
Front Brake (Drum)	Type	Two-Leading	Two-Leading*3	Two-Leading	Two-Leading*4
	Lining Area cm² (in.²)	238 (36.89) × 4	←	222 (34.41) × 4	←
	Wheel Cylinder Dia. mm (in.)	28.5 (1.12)	←	←	←
	Drum Inner Dia. mm (in.)	320 (12.60)	←	←	←
Front Brake (Disc)	Type	Ventilated Disc	←	←	←
	Pad Area cm² (in.²)	78 (12.09) × 4	←	79 (12.25) × 4	←
	Wheel Cylinder Dia. mm (in.)	51.1 + 51.1 (2.01 + 2.01)	←	←	←
	Rotor Size (D × T)*5 mm (in.)	296 × 35 (11.65 × 1.38)	←	300 × 30 (11.81 × 1.18)	←
Rear Brake	Type	Dual-Two-Leading *6	Dual-Two-Leading *7	Dual-Two-Leading*6	Dual-Two-Leading*4, *6
	Lining Area cm² (in.²)	238 (9.37) × 4	←	222 (34.41) × 4	←
	Wheel Cylinder Dia. mm (in.)	28.5 (1.12)	←	←	←
	Drum Inner Dia. mm (in.)	320 (12.60)	←	←	←
Brake Control Valve*8	Type	LSP & BV	←	LSPV	←
	Deflection Point of Hydraulic Pressure kPa (kgf/cm²; psi)	1765 (18;256)*9	←	1178 (12;171)	←
	Pressure Reduction Gradient	0.37	←	←	←
Parking Brake	Type	Drum type, attached behind the transmission.		←	
	Lining Area cm² (in.²)	48 (7.44)	102 (15.81)	48 (7.44)	70 (10.85), 48 (7.44)*8
	Drum Inner Dia. mm (in.)	160 (6.30)	200 (7.87)	160 (6.30)	177.8 (7.00), 160 (6.30)*8
	Lever Type	Floor Lever	←	←	←

*1 Front disc brake model for General and G.C.C. countries.

*2 Front drum brake model.

*3 Automatic transmission model is equipped with an auto adjuster.

*4 1HZ engine model for G.C.C. countries is equipped with an auto adjuster.

*5 D: Outer Diameter T: Thickness

*6 Front disc brake model is equipped with an auto adjuster.

*7 Front disc brake model and all automatic transmission models are equipped with an auto adjuster.

*8 For Australia.

*9 Unloaded condition.