BRAKE

■ DESCRIPTION

1. General

- Dual mode drum brakes are used for the rear brakes to improve parking brake performance.
- A master cylinder integrated with a reservoir is used and positioned in the front compartment for serviceability.
- A double-link type brake pedal is used as standard equipment on all models.
- A stick type parking brake with a grease prevention cover is used in order to ensure comfortable in-vehicle walk-through environment.
- The new Hiace has a brake system with the following specifications:

Front Brake Type	Type		Ventilated Disc
	Rotor Size		For 15 in. wheel
Rear Brake Type	Type		Leading-Trailing Drum (Dual Mode Drum)
	Drum Inner Dia.	mm (in.)	254 (10.0)
Brake Control Valve			LSP & BV
Parking Brake Lever Type			Stick
Brake Control System			ABS*

*: Provided as standard equipment for the super wagon grade model (Thailand) and the GL grade model (Russia and Ukraine), and as optional equipment for the other models.

▶ Specifications ◀

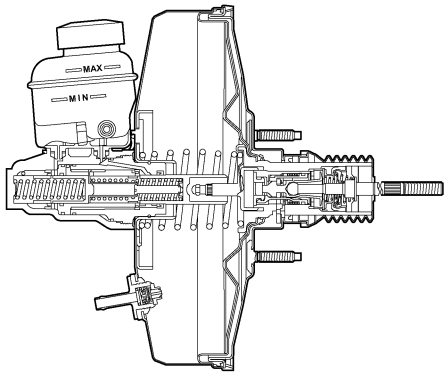
Master Cylinder	Type		Tandem
	Diameter	mm (in.)	20.64 (0.81)
	Piston Stroke	mm (in.)	50 (1.97)
Brake Booster	Type		Single/Single with BA*2
	Size	in.	10
Front Brake	Caliper Type		PE66
	Pad Area	cm^2 ($in.^2$)	53 (8.5)
	Wheel Cylinder Diameter	mm (in.)	66.7 (2.6)
	Rotor Size (D × T)*1	mm (in.)	285 × 28 (11.22 × 1.10)
	Pad Material		PA564H
Rear Brake	Lining Area	cm^2 ($in.^2$)	121 (19.36) × 2
	Wheel Cylinder Dia.	mm (in.)	22.22 (0.87)
	Drum Inner Dia.	mm (in.)	254 (10.0)
	Lining Material		D9033
Parking Brake	Type		Drum
	Drum Inner Diameter	mm (in.)	254 (10.0)
Brake Actuator Manufacturer*2			ADVICS

*1: D: Outer Diameter, T: Thickness

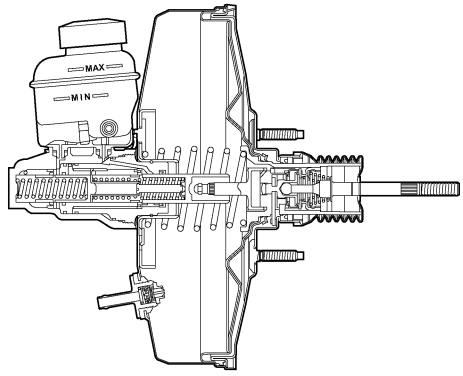
*2: with ABS models only

2. Main Components of Brake System

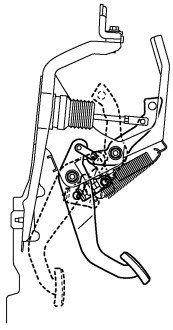
Master Cylinder & Brake Booster (with Brake Assist)



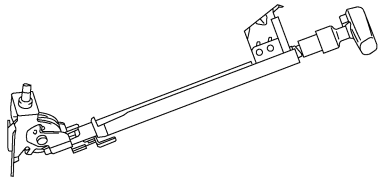
Master Cylinder & Brake Booster (without Brake Assist)

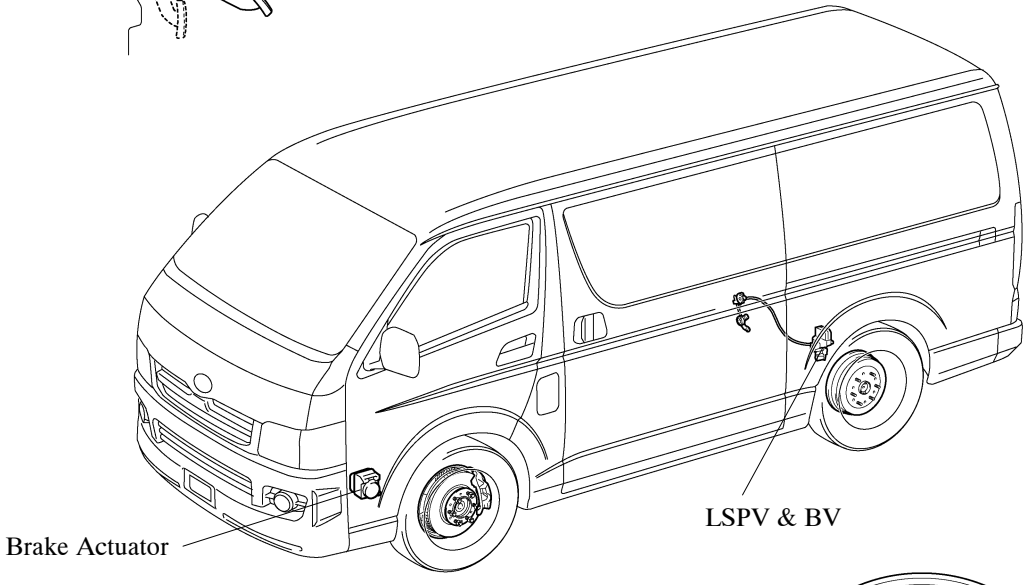


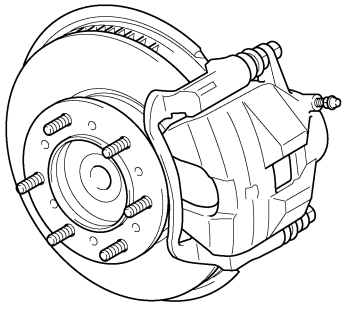
Brake Pedal (Double-Link Type)



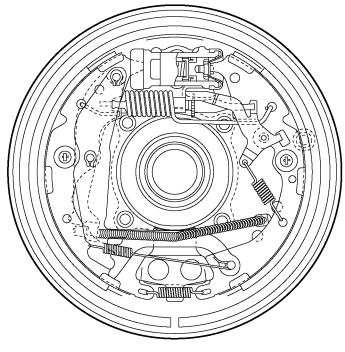
Stick Type Parking Brake Lever







Front Brake



Rear Brake

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