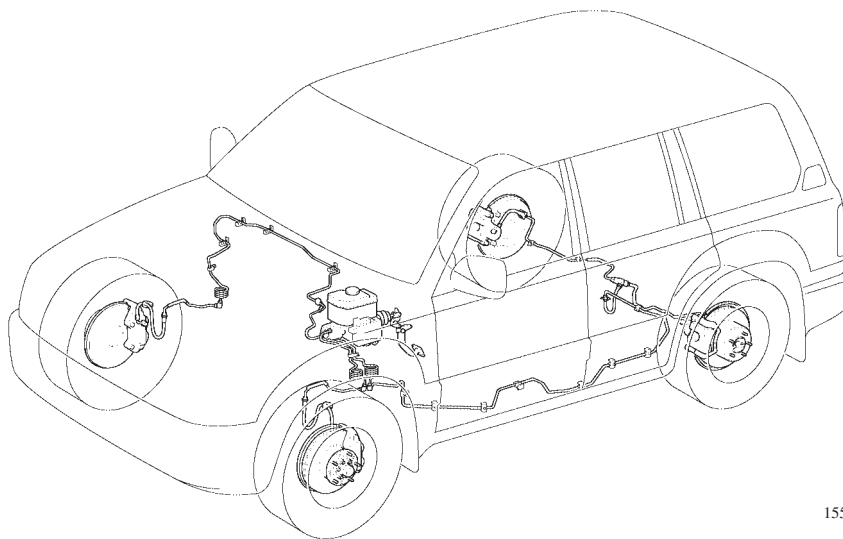


BRAKES

■ DESCRIPTION

The brakes of new model have following features.

- Four-piston opposed type calipers with reduced brake drag are used for the front brakes.
- As in the previous model, the leading trailing drum brakes are used on the rear drum brake model.
- The rear brakes of the rigid-axle front suspension model with rear disc brakes use FS14 type calipers and the rear brakes of the independent front suspension model with rear disc brakes use FSX14 type calipers.
- The shape of the parking brake lever has been changed.
- A double-link type variable lever ratio brake pedal has been adopted.
- A hydraulic brake booster in which the ABS actuator and P&B valve are integrated is standard equipment on the models for Europe and is optional equipment on other models except FZJ105R-GCMRKQ, FZJ105R-GCMRK, HZJ105R-GCMRSQ, and HZJ105R-GCMRS.



155CH16

LHD Model With Hydraulic Brake Booster

► Specifications ◀

Front Suspension Type ABS			Rigid Axle		Independent	
			Without	With	Without	With
Master Cylinder	Type		Tandem	Single (Double Piston)	Tandem	Single (Double Piston)
	Diameter	mm (in.)	20.64 (0.81)	26.99 (1.06)	20.64 (0.81)	26.99 (1.06)
Brake Booster	Type		Vacuum Single	Hydraulic	Vacuum Single	Hydraulic
	Size	in.	9”	—	9”	—
Front Brake	Type		Ventilated Disc	←	←	←
	Caliper Type		S15 + 13	S14 + 12	S15 + 13	S14 + 12 S15 + 13*1
	Pad Area	cm ² (in. ²)	60 (9.30)	←	←	←
	Wheel Cylinder Diameter	mm (in.)	51.1 x 2 + 45.4 x 2 (2.04 x 2+ 1.79 x 2)	48.1 x 2 + 42.85 x 2 (1.89 x 2 + 1.69 x 2)	51.1 x 2 + 45.4 x 2 (2.04 x 2 + 1.79 x 2)	48.1 x 2 + 42.85 x 2 (1.89 x 2 + 1.69 x 2) 51.1 x 2 + 45.4 x 2*1 (2.04 x 2 + 1.79 x 2)
	Rotor Size (D x T)*2	mm (in.)	322 x 32 (12.68 x 1.26)	←	313 x 32 (12.32 x 1.26)	←
Rear Drum Brake	Type		Leading Trailing Drum	—	Leading Trailing Drum	—
	Lining Area	cm ² (in. ²)	178 (27.59)	—	178 (27.59)	—
	Wheel Cyllinder Diameter	mm (in.)	25.4 (1.00)	—	25.4 (1.00)	—
	Drum Inner Diameter	mm (in.)	295 (11.61)	—	295 (11.61)	—
Rear Disc Brake	Type		Ventilated Disc*3, 4	Ventilated Disc	Ventilated Disc*3	Ventilated Disc
	Caliper Type		FS14*3, 4	FS14	FSX 14*3, 4	FSX 14
	Pad Area	cm ² (in. ²)	37 (5.74)*3, 4	37 (5.74)	34 (5.27)*3	34 (5.27)
	Rotor Size (D x T)*2	mm (in.)	335 x 18*3, 4 (13.19 x 0.71)	335 x 18 (13.19 x 0.71)	329.4 x 18*3 (12.97 x 0.71)	329.4 x 18 (12.97 x 0.71)
Parking Brake	Type		Drum	←	←	←
	Size	mm (in.)	295 (11.61) 230 (9.06)*5	230 (9.06)	295 (11.61) 230 (9.06)*5	230 (9.06)
	Lever Type		Center Lever	←	←	←
Brake Control Valve Type			LSP & BV	P & B Valve*6	LSP & BV	P & B Valve*6

*1: Models for Europe

*2: D: Outer Diameter, T: Thickness

*3: Option

*4: Standard for GX Gread Model for Australia

*5: Models with Rear Disc Brake

*6: Enclosed in Hydraulic Brake Booster