BRAKE

■ DESCRIPTION

1. General

The brake system is composed of the following equipment:

Item	Feature
Front Brake	• A ventilated brake disc is used. • An opposed 4-piston type brake caliper (S13W) is used.
Rear Brake	A ventilated brake disc is used.
Brake Booster	A hydraulic brake booster in which the brake actuator, brake booster, master cylinder and Skid Control ECU are integrated is used.
Brake Pedal	A double-link type variable lever ratio brake pedal is used.
Speed Sensor	An active type speed sensor that detects extremely low speeds and the rotation direction of the wheels is used.
Parking Brake Lever	An offset type parking brake lever is used.
Brake Control System	• Brake control system (ABS with EBD, Brake Assist, TRC and VSC) is standard equipment. • The models with rear differential lock are equipped with A-TRC.

▶ Specification ◀

Master Cylinder	Type		Dual Piston Diameter
	Diameter	mm (in.)	Small: 19.05 (0.75)/Large: 26.99 (1.06)
Brake Booster	Type		Hydraulic
	Supplier		ADVICS
Front Brake	Type		Ventilated Disc
	Minimum Wheel Size		16 inch
	Caliper Type		S13W
	Pad Area	cm^2 ($in.^2$)	54.0 (8.4)
	Pad Material		PS558H
	Wheel Cylinder Dia.	mm (in.)	45.4 (1.79) × 2
	Rotor Size (D × T)	mm (in.)	319 × 28 (12.56 × 1.10)
Rear Brake	Type		Ventilated Disc
	Minimum Wheel Size		15 inch
	Caliper Type		FS13
	Pad Area	cm^2 ($in.^2$)	37.0 (5.7)
	Pad Material		PS549
	Wheel Cylinder Dia.	mm (in.)	45.4 (1.79)
	Rotor Size (D × T)	mm (in.)	312 × 18 (12.28 × 0.71)

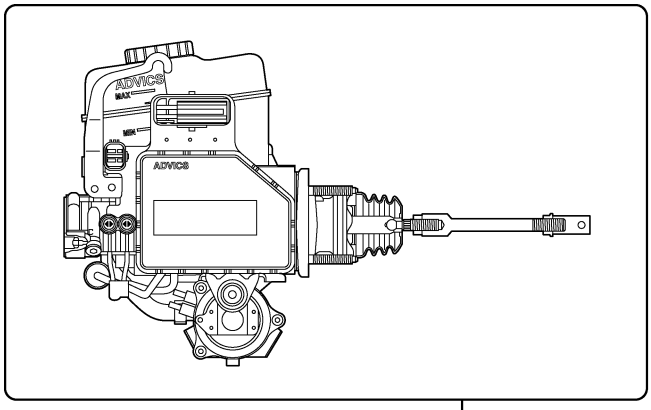
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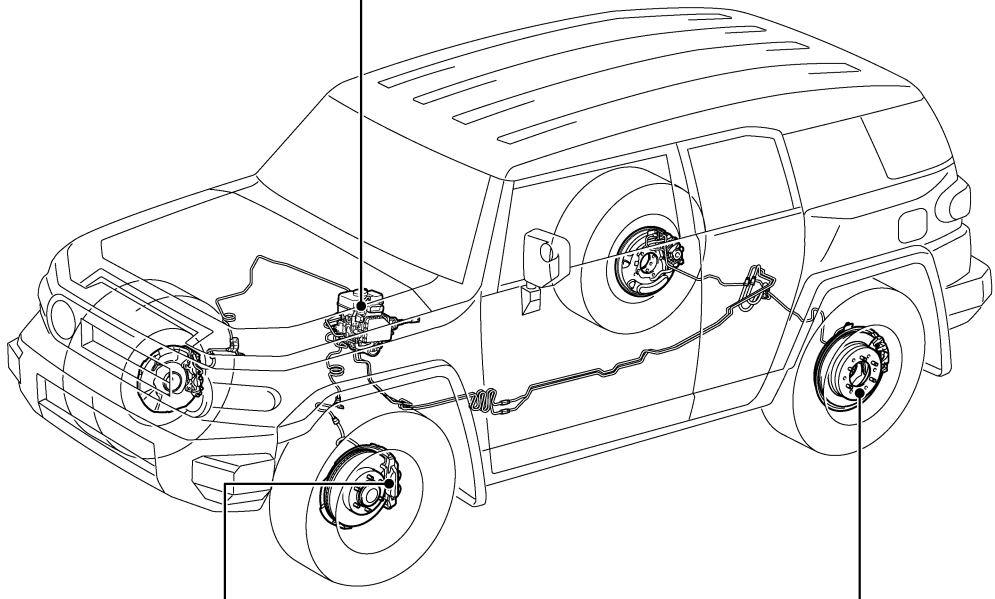
Parking Brake	Type	Duo Servo Drum
	Drum Inner Dia. mm (in.)	210 (8.27)
Brake Control Valve		EBD
Brake Fluid Type		SAE J1703 or FMVSS No.116 DOT3
Brake Control System	ABS with EBD	Standard
	Brake Assist	Standard
	TRC	Standard
	A-TRC	Optional*
	VSC	Standard

*: Models with rear differential lock are also equipped with A-TRC.

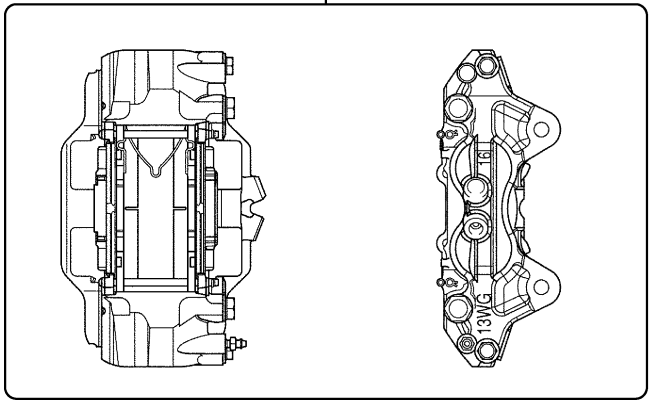
2. Components of Brake System

Hydraulic Brake Booster

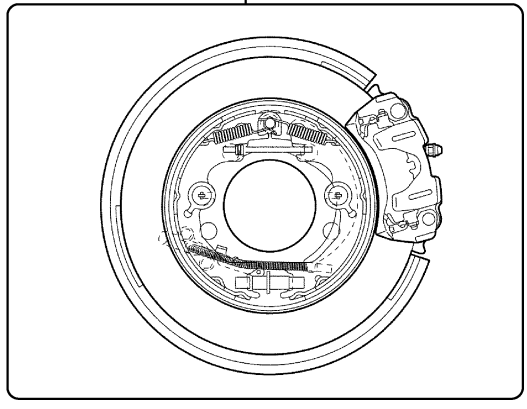




Front Brake



Rear Brake



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