12. Brake

On the newly introduced 2AZ-FE engine and 2AD-FTV engine with DPF catalyst models for Europe and 2GR-FE engine models for Australia, the following brake system is provided. The basic construction is the same as that of the previous models.

▶ Specifications ◀

Destination		Europe	Australia
Engine Type		2AZ-FE, 2AD-FTV (with DPF catalyst)	2GR-FE
Brake Booster	Type	Single	←
	Size in.	10	←
Master Cylinder	Type	Tandem	←
	Diameter mm (in.)	22.22 (0.89)	←
Front Brake	Type	Ventilated Disc	←
	Pad Area cm^2 ($in.^2$)	36.9 (5.90) × 2	←
	Wheel Cylinder Diameter mm (in.)	63.5 (2.50)	←
	Rotor Size (D × T)*1 mm (in.)	296 × 28 (11.84 × 1.10)	←
Rear Brake	Type	Solid Disc	←
	Pad Area cm^2 ($in.^2$)	30.0 (4.80) × 2	←
	Wheel Cylinder Diameter mm (in.)	38.1 (1.52)	←
	Rotor Size (D × T)*1 mm (in.)	281 × 12 (11.24 × 0.48)	←
Parking Brake	Type	Duo-servo Drum	←
	Drum Inner Diameter mm (in.)	173 (6.81)	←
	Lever Type	Center Lever	←
Brake Control System		ABS with EBD, Brake Assist*2, TRC, VSC, Hill-start Assist Control and Downhill Assist Control*3	←
Brake Actuator Manufacturer		ADVICS	←

*1: (Diameter × Thickness)
*2: Electrical Type
*3: Only for 2AZ-FE Engine Models