BRAKE

■ DESCRIPTION

1. General

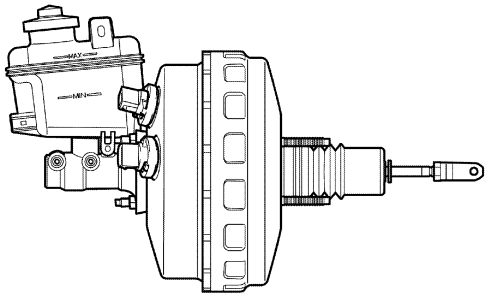
The brake system is composed of the following equipment:

Item	Feature
Front Brake	• Ventilated disc brakes are used. • An opposed 4-piston type brake caliper (S15W) is used.
Rear Brake	Ventilated disc brakes are used.
Active Brake Booster	An active type brake booster has been adopted for the VSC system.
Brake Pedal	A double-link type variable lever ratio brake pedal is used.
Speed Sensor	Active type speed sensors that detect extremely low speeds are used.
Brake Control System	• A brake control system (ABS with EBD, Brake Assist, TRAC, AUTO LSD and VSC) is standard equipment on the 2WD models. • A brake control system (ABS with EBD, Brake Assist, TRAC, A-TRAC, AUTO LSD and VSC) is standard equipment on the 4WD models.

▶ Specification ◀

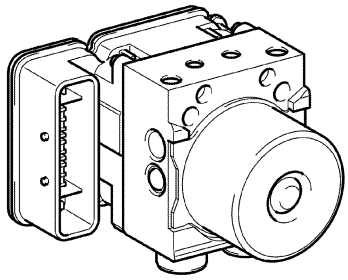
Master Cylinder	Type		Tandem (Plunger)
	Diameter	mm (in.)	23.81 (0.94)
Brake Booster	Type		Tandem (Active)
	Size	in.	8 + 9
Front Brake	Type		Ventilated Disc
	Minimum Wheel Size		18 inch
	Caliper Type		S15W
	Pad Area (with slot)	cm^2 ($in.^2$)	65.0 (10.1)
	Pad Material		PV565H
	Wheel Cylinder Dia.	mm (in.)	51.1 (2.01) × 2
	Rotor Size (D × T)	mm (in.)	354 × 32 (13.9 × 1.26)
Rear Brake	Type		Ventilated Disc
	Minimum Wheel Size		18 inch
	Caliper Type		FS14
	Pad Area (with slot)	cm^2 ($in.^2$)	36.7 (5.7)
	Pad Material		PS558H
	Wheel Cylinder Dia.	mm (in.)	48.1 (1.89)
	Rotor Size (D × T)	mm (in.)	345 × 18 (13.6 × 0.71)
Parking Brake	Operation Type		Pedal Type
	Type		Duo Servo Drum
	Drum Inner Dia.	mm (in.)	240 (9.45)
Brake Actuator	Supplier		Teves
Brake Control Valve			EBD
Brake Fluid Type			SAE J1703 or FMVSS No. 116 DOT3

2. Components of Brake System



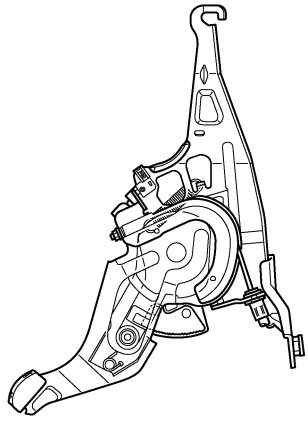
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Master Cylinder & Active Brake Booster



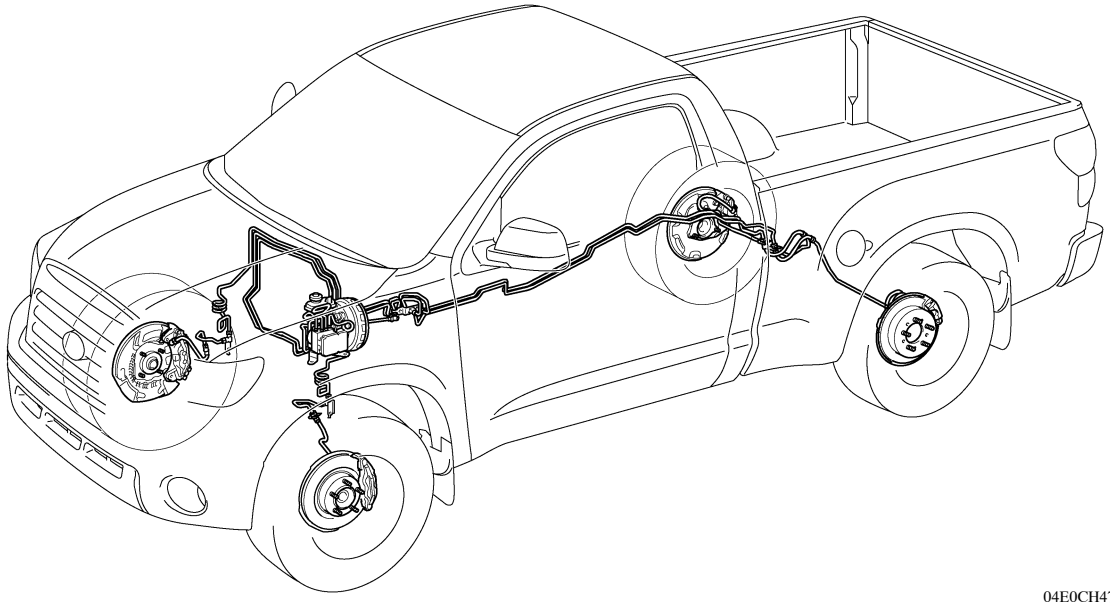
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Brake Actuator (with Skid Control ECU)

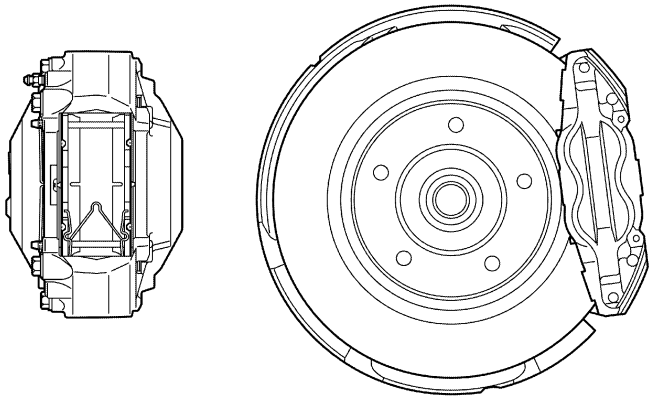


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Parking Brake Pedal

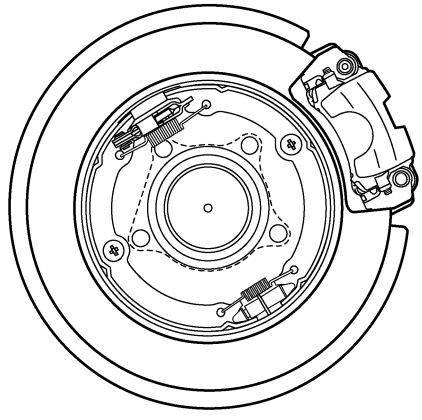


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04E0CH48Z

Front Brakes



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Rear Brakes