

BRAKE

DESCRIPTION

1. General

The brake system has the following setting and specifications:

Engine Type		4GR-FSE	2AD-FHV
Front Brake Type		Ventilated Disc	
Rear Brake Type		Solid Disc	
Brake Control System	ABS with EBD, Brake Assist, TRC, VSC and Hill-start Assist Control	Standard	Standard
	VDIM (Vehicle Dynamics Integrated Management)	–	Option
Brake Control Valve		EBD	

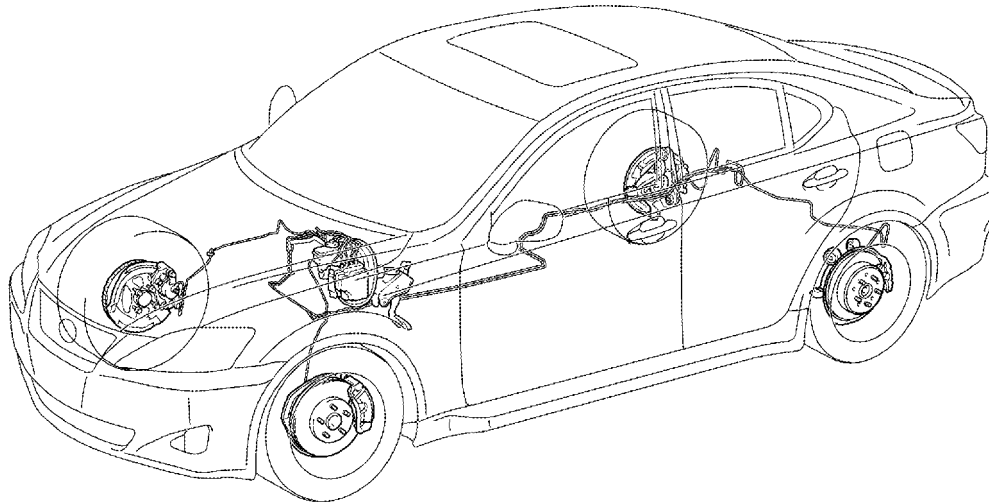
► Specification ◀

Engine Type		4GR-FSE	2AD-FHV
Master Cylinder	Type	Tandem (Plunger)	
	Diametermm (in.)	22.22 (0.87)	
Brake Booster	Type	Single, Tie rod Type	
	Sizein.	10	
Front Disc Brake	Pad Areacm ² (in. ²)	60.0 (9.30)	
	Wheel Cylinder Dia.mm (in.)	60.33 (2.5)	
	Rotor Size (D × T)*mm (in.)	296 × 28 (11.65 × 1.1)	
Rear Disc Brake	Pad Areacm ² (in. ²)	27.7 (4.29)	
	Wheel Cylinder Dia.mm (in.)	42.86 (1.69)	
	Rotor Size (D × T)*mm (in.)	291 × 10 (11.5 × 0.39)	
Parking Brake	Operation Type	Lever Type (M/T Model) Pedal Type (A/T Model)	Lever Type
	Type	Duo Servo Drum	
	Drum Inner Dia.mm (in.)	190.0 (7.48)	
Brake Actuator	Supplier	ADVICS	
Brake Fluid Type	SAE J1703 or FMVSS NO. 116 DOT3		

*: (Diameter × Thickness)

2. Component of Brake System

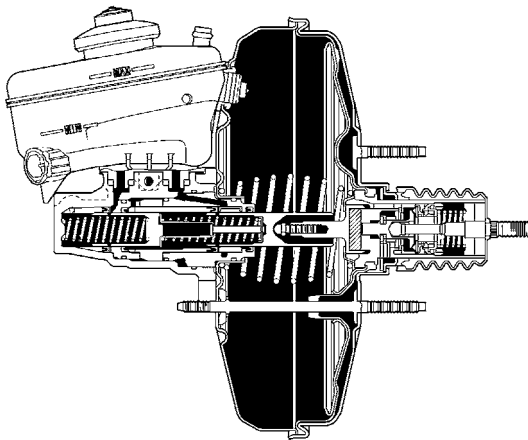
► Brake Piping Layout ◀



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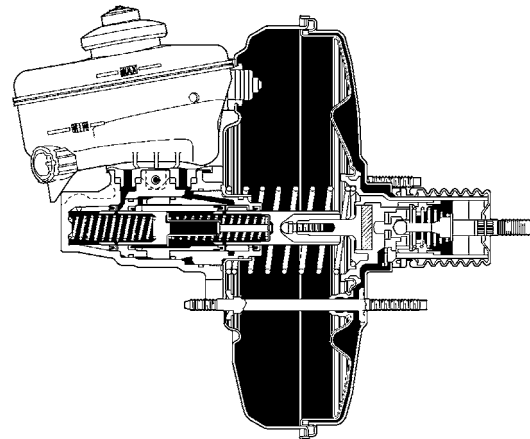
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► Master Cylinder & Brake Booster ◀



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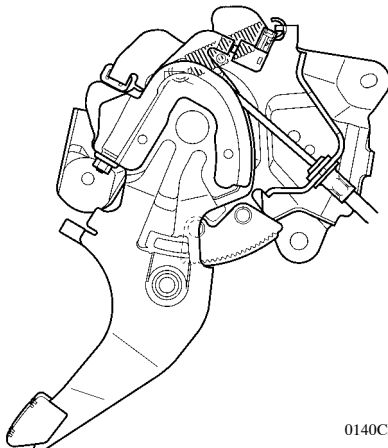
4GR-FSE Engine Model



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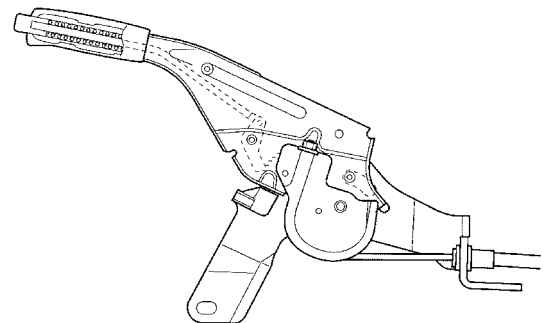
2AD-FHV Engine Model

► Parking Brake Pedal ◀



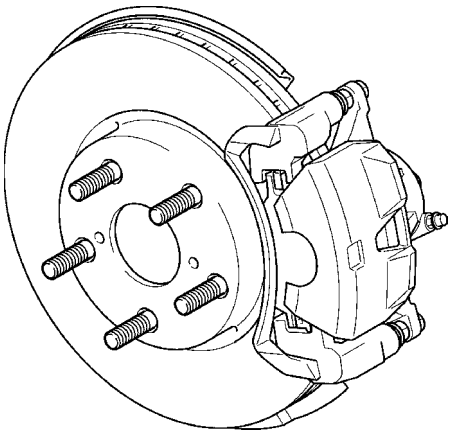
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► Parking Brake Lever ◀



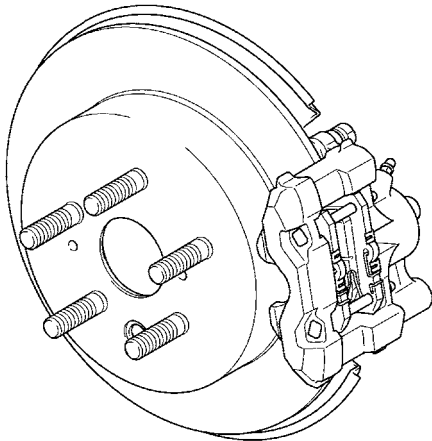
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► Front Brake ◀



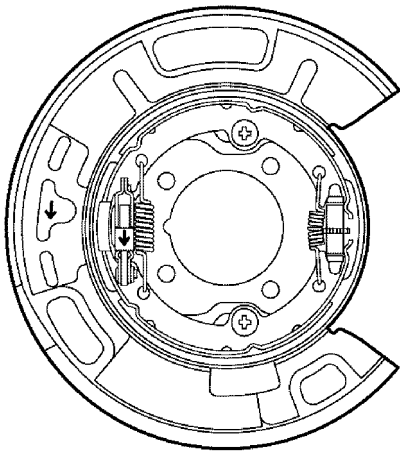
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► Rear Brake ◀



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► Parking Brake ◀



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