

BRAKE

DESCRIPTION

1. General

The brake system has the following setting and specifications:

Engine Type		4GR-FSE
Front Brake Type		Ventilated Disc
Rear Brake Type		Solid Disc
Brake Control System	ABS with EBD, Brake Assist, TRC, VSC and HAC	Standard
Brake Control Valve		EBD

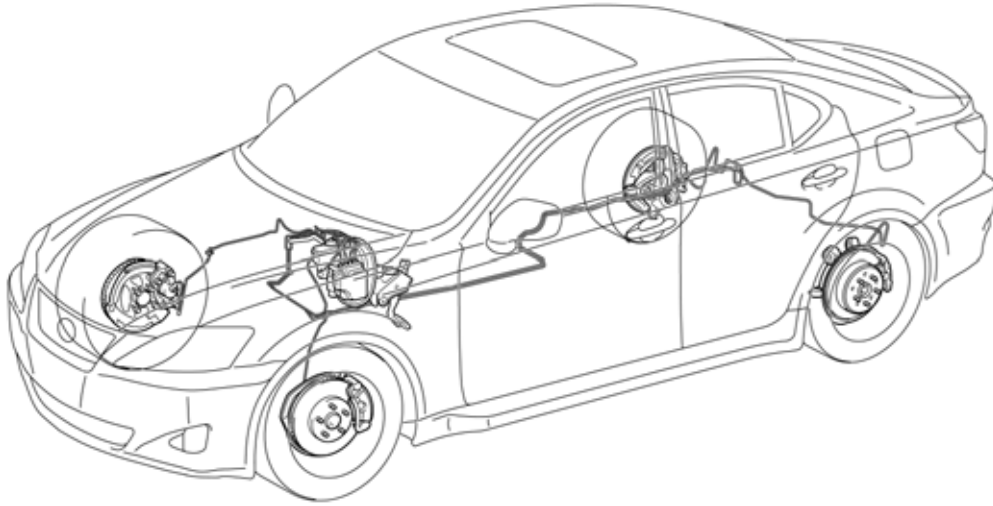
► Specification ◀

Engine Type		4GR-FSE
Master Cylinder	Type	Tandem (Plunger)
	Diameter mm (in.)	22.22 (0.87)
Brake Booster	Type	Single, Tie rod Type
	Size in.	10
Front Disc Brake	Pad Area cm 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 Area cm 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)
	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)

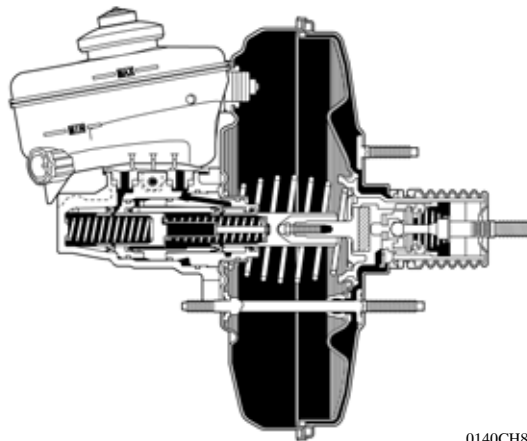
2. Component of Brake System

► Brake Piping Layout ◀



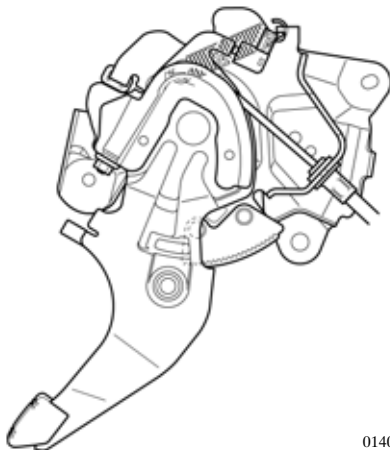
0140CH86Z

► Master Cylinder & Brake Booster ◀



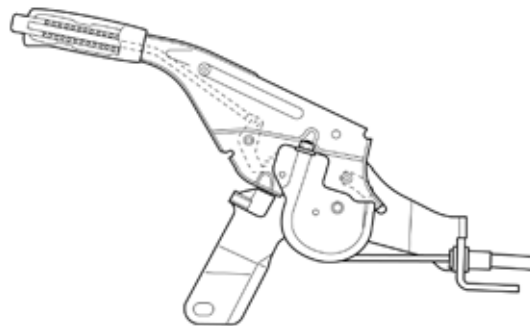
0140CH87Z

► Parking Brake Pedal ◀



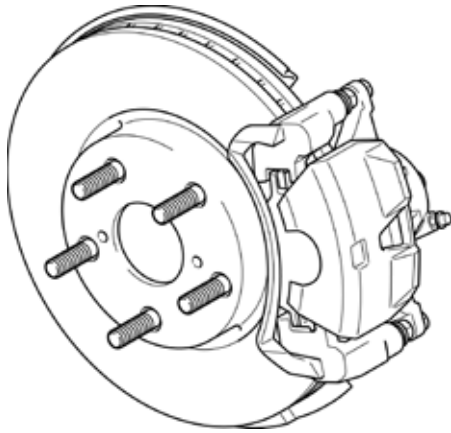
0140CH88Z

► Parking Brake Lever ◀



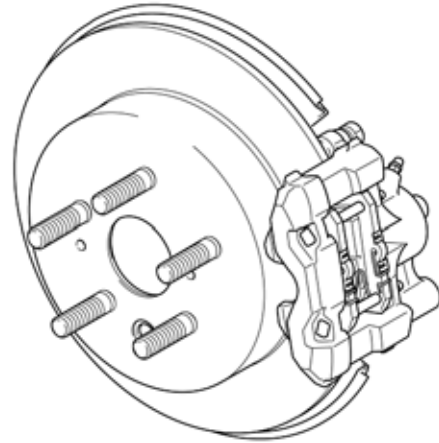
0140CH89Z

► Front Brake ◀



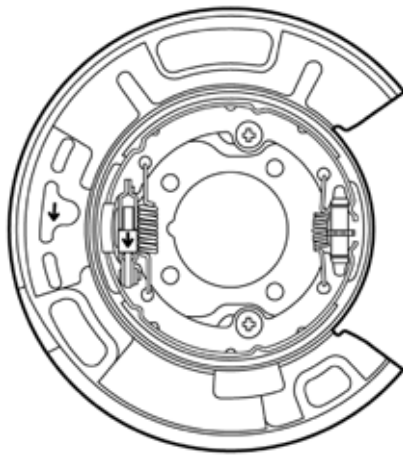
0140CH91Z

► Rear Brake ◀



0140CH92Z

► Parking Brake ◀



0140CH94Z