BRAKE

■ DESCRIPTION

1. General

- Models with the brake control system consisting of ABS with EBD and Brake Assist use a mechanical type brake assist, which is integrated into the brake booster.
- Models with the brake control system consisting of ABS with EBD, Brake Assist, TRC and VSC use an electrical type brake assist, which effects brake assist control through the brake actuator.
- Due to differences in the destinations, the brake actuator, used on ABS with EBD, Brake Assist, TRC and VSC models, is supplied by two different suppliers.
- The new Camry has a brake system with the following specifications:

Front Brake Type	Ventilated Disc
Rear Brake Type	Solid Disc
Brake Control System	ABS with EBD, Brake Assist*1
	ABS with EBD, Brake Assist, TRC and VSC*1
Parking Brake Lever Type	Lever Type*2
	Pedal Type*3

*1: The provision varies in accordance with the destination and model (refer to Equipment List on page MO-42)
*2: MT models and Australian 2AZ-FE engine models
*3: Models except for MT models and Australian 2AZ-FE engine models

▶ **Specifications** ◀

Destination			Except Australia	Australia
Master Cylinder	Type		Tandem (Plunger type)	←
	Diameter	mm (in.)	22.22 (0.87)	←
Brake Booster	Type		Single, Tie Rod Type	←
	Size	in.	10	←
Front Disc Brake	Caliper Type		PE63	PBR63
	Wheel Cylinder Dia.	mm (in.)	63.5 (2.5)	←
	Rotor Size (D x T)*1	mm (in.)	296 x 28 (11.65 x 1.10)	←
	Pad Material		PN562H	NF107
Rear Disc Brake	Caliper Type		PEAL38	PBR38R
	Wheel Cylinder Dia.	mm (in.)	38.1 (1.50)	←
	Rotor Size (D x T)*1	mm (in.)	281 x 10 (11.06 x 0.39)	286 x 10 (11.26 x 0.39)
	Pad Material		D6234	NF111
Parking Brake	Type		Duo Servo	Banksia
	Drum Inner Dia.	mm (in.)	170.0 (6.69)	190.0 (7.49)
Brake Actuator Supplier	For ABS with EBD		Bosch	←
	For ABS with EBD, Brake Assist, TRC and VSC		ADVICS*2	←*4
			Bosch*3	←*5

*1: D: Outer Diameter, T: Thickness
*2: Models except for G.C.C. countries models with 2AZ-FE engine
*3: G.C.C. countries model with 2AZ-FE engine
*4: Models with 2GR-FE engine
*5: Models with 2AZ-FE engine

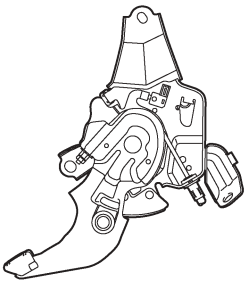
Service Tip

- To ensure the performance and reliability of the plunger type master cylinder, it must not be disassembled. If it malfunctions, replace the entire assembly.
- Before removing the plunger type master cylinder from the brake booster, discharge the vacuum from the brake booster. Otherwise, the piston of the master cylinder may be left inside the brake booster.

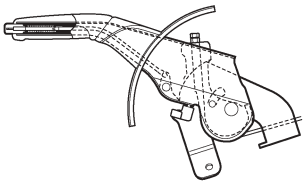
For details, see the Camry Repair Manual.

2. Component of Brake System

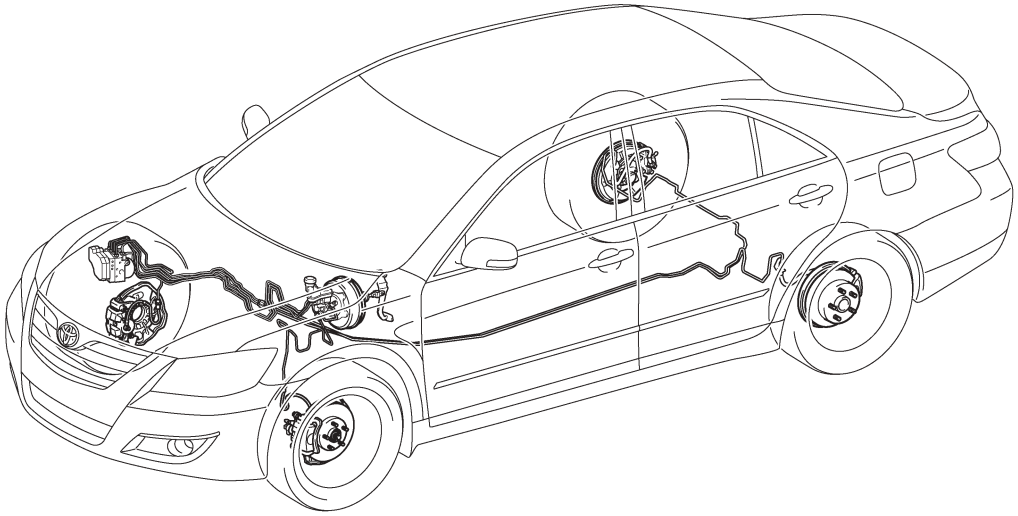
▶ Parking Brake ◀



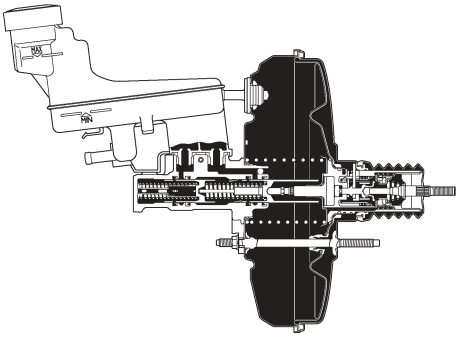
Pedal Type



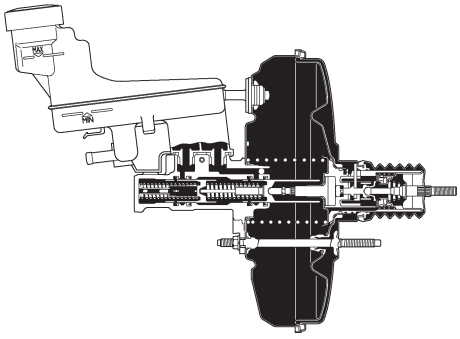
Lever Type



▶ Master Cylinder and Brake Booster ◀



Models with
mechanical type Brake assist



Except models with
mechanical type Brake assist

02KCH33TE