■BRAKE CONTROL SYSTEM (ABS with EBD, Brake Assist, A-TRC, VSC, DAC and HAC)

1. General

- A newly developed hydraulic brake booster unit, which has been made compact and lightweight through the integration of the skid control ECU and the actuator, has been adopted.
- A master cylinder & brake booster with the same construction and operation is already in use on the Land Cruiser (100 series). For details on the basic construction and operation of the master cylinder & brake booster, see the Land Cruiser (100 series) NCF (Pub. No. NCF147E).

▶ Specifications ◀

Model		New	Previous
Power Supply	Accumulator	Metal Bellows Type	Piston Type
	Pressure Monitor	Pressure Sensor (1)	Pressure Switches (2) (PL/PH)
	Motor Drive Relay	Semiconductor Relays (3)	Mechanical Relays (2)
Brake Hydraulic Pressure Generator	Master Cylinder Construction	Sliding Type Dual Piston Diameter Construction Major Diameter ø26.99 mm (1.06 in.) Minor Diameter ø19.05 mm (0.75 in.)	Single Piston Diameter Construction ø22.22 mm (0.87 in.)
Control	Switching Solenoid Valve	2-Port Valve × 4	2-Port Valve × 2 3-Port Valve × 2
	Control Solenoid Valve	2-Port Valve × 8	←
Skid Control ECU		Integrated with Actuator	Separate from Actuator