# BRAKE

## ■ DESCRIPTION

### 1. General

The brake system is composed of the following equipment:

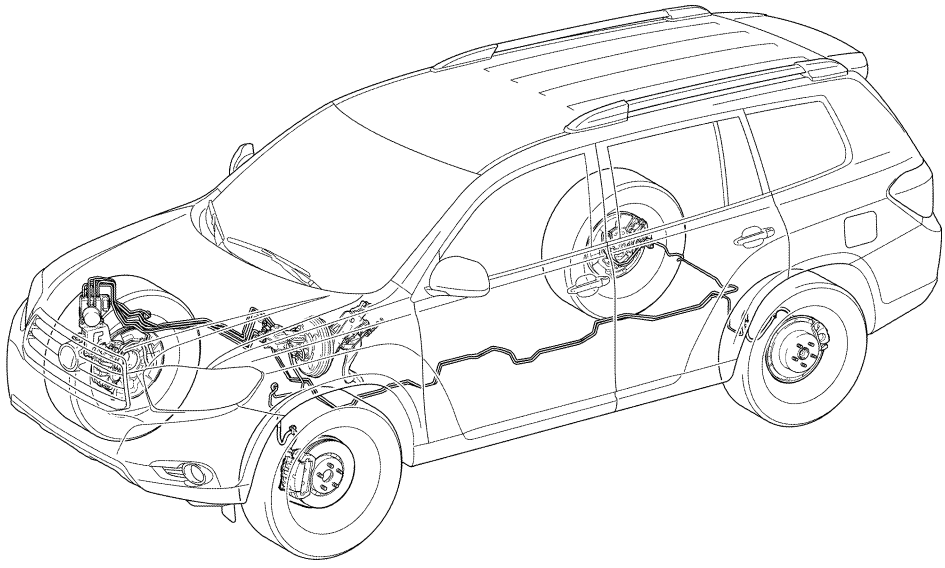
| Item | Feature |
|---|---|
| Front Brake | • A 2-piston type front disc brake caliper assembly (PE45T) is used.<br>• A ventilated type front disc is used. |
| Rear Brake | • A rear disc brake caliper assembly (AD41R) is used.<br>• A solid type rear disc is used. |
| Brake Booster Assembly | A single diaphragm type brake booster with a tie rod structure is used. |
| Parking Brake | A pedal type parking brake is used. |
| Speed Sensor | Active type speed sensors that detect extremely low speeds are used. |
| Brake Control System | • Enhanced-VSC, which coordinates brake controls (ABS with EBD, Brake Assist, TRAC and VSC) and EPS controls, is standard equipment on all models.<br>• Hill-start Assist Control is standard equipment on the all models.<br>• Downhill Assist Control is standard equipment on the 4WD models. |



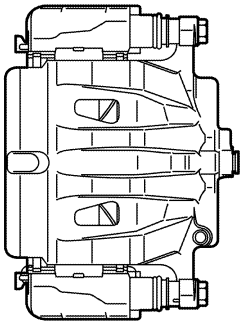
**▶ Specifications ◀**

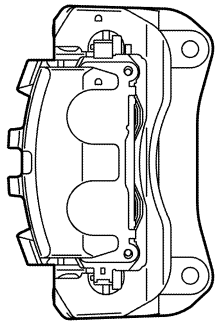
| | | | |
|---|---|---|---|
| Brake Master Cylinder Sub-assembly | Type | | Tandem (Plunger Type) |
| | Diameter | mm (in.) | 22.22 (0.87) × 2 |
| Brake Booster Assembly | Type | | Single Diaphragm Type |
| | Size | in. | 10.5 |
| Front Disc Brake Caliper Assembly | Caliper Type | | PE45T |
| | Brake Wheel Cylinder Diameter | mm (in.) | 44.45 (1.75) |
| | Front Disc Size (Diameter × Thickness) | mm (in.) | 328 × 28 (12.9 × 1.1) |
| | Pad Material | | PV565H |
| Rear Disc Brake Caliper Assembly | Caliper Type | | AD41R |
| | Brake Wheel Cylinder Diameter | mm (in.) | 41.3 (1.6) |
| | Rear Disc Size (Diameter × Thickness) | mm (in.) | 309 × 10 (12.2 × 0.4) |
| | Pad Material | | PA561 |
| Parking Brake | Operation Type | | Pedal Type |
| | Type | | Duo Servo Drum |
| | Drum Inner Diameter | mm (in.) | 190 (7.48) |

## 2. Components of Brake System



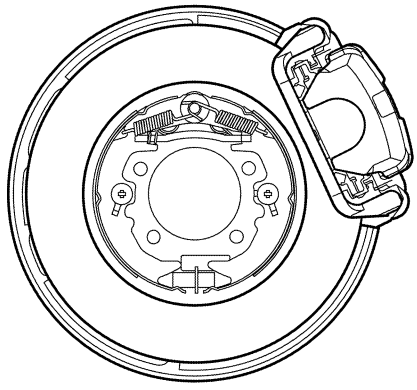
06J0CH33Z





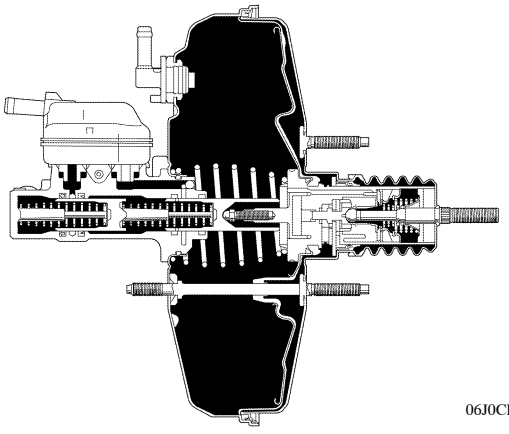
06J0CH35Z

**Front Disc Brake Caliper Assembly**



06J0CH36Z

**Rear Disc Brake**



06J0CH34Z

**Brake Master Cylinder Sub-assembly and Brake Booster Assembly**



06J0CH79C

**Parking Brake Pedal Assembly**