

## **Chassis**

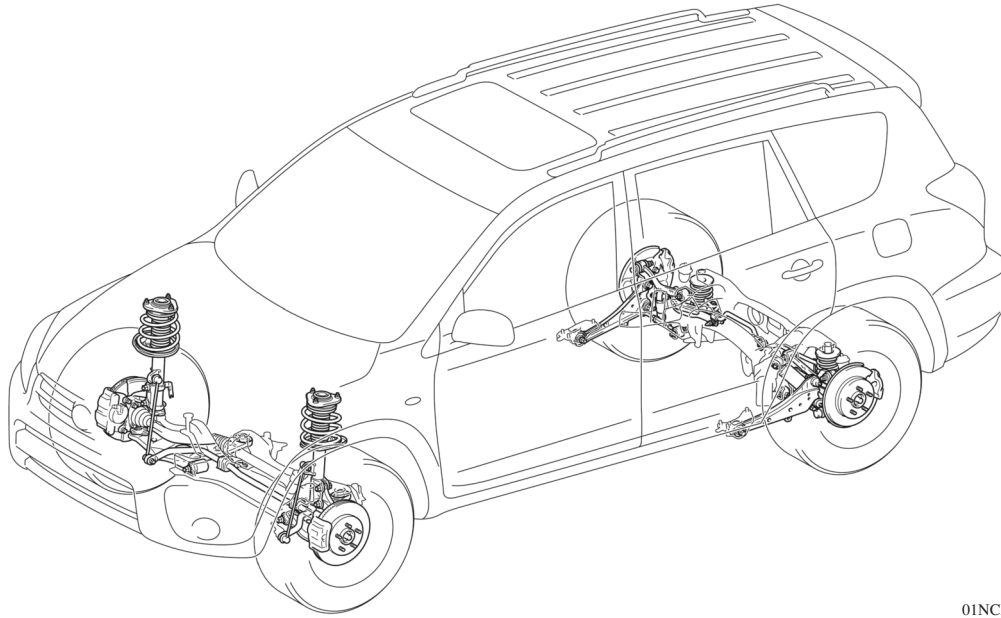
### **Front Suspension**

Type	MacPherson Strut Type Independent Suspension
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### **Rear Suspension**

Type	Double Wishbone Type Independent Suspension
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### **Steering**

Type	EPS (Electronic Power Steering)
Gear Type	Rack & Pinion

### **Brake**

Front Brake Type	Ventilated Disc
Front Rotor Size	15 inch: 275 × 25 mm (10.82 × 0.87 in.)* <sup>1</sup> 16 inch: 296 × 28 mm (11.84 × 1.10 in.)* <sup>2</sup>
Rear Brake Type	Solid Disc
Rear Rotor Size	15 inch: 281 × 12 mm (11.24 × 0.48 in.)
Parking Brake Type	Lever Type
Brake Control* <sup>3</sup>	ABS* <sup>4</sup> with EBD* <sup>5</sup> or ABS with EBD & Brake Assist & TRC* <sup>6</sup> & Hill-start Assist Control & DAC* <sup>7</sup> & VSC* <sup>8</sup>

\*<sup>1</sup>: General Countries Models \*<sup>2</sup>: Europe, Australia and G.C.C. Countries Models

\*<sup>3</sup>: Provision varies by destinations and grades. \*<sup>4</sup>: Anti-lock Brake System

\*<sup>5</sup>: Electronic Brake force Distribution \*<sup>6</sup>: Traction Control \*<sup>7</sup>: Downhill Assist Control

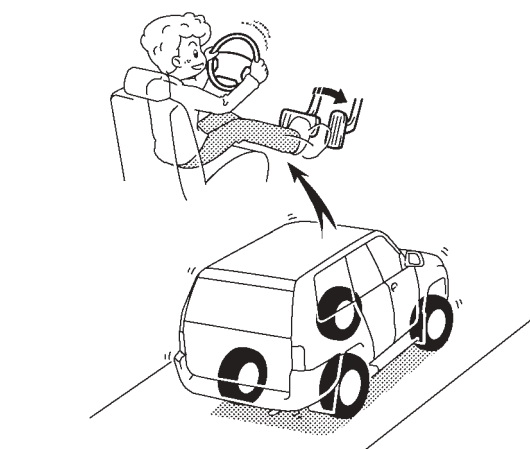
\*<sup>8</sup>: Vehicle Stability Control

## VSC+ System

- The VSC+ (Vehicle Stability Control+) system is standard equipment on the high grade for Europe and Australia and is available as optional equipment on the high grade for the G.C.C. countries.
- In addition to the ABS, TRC, and VSC controls provided by the conventional system, the VSC+ system effects cooperative control with the EPS (Electric Power Steering) and active torque control 4WD system in order to realize excellent driving stability and maneuverability.
- See CH-93 for details on the VSC+ system.

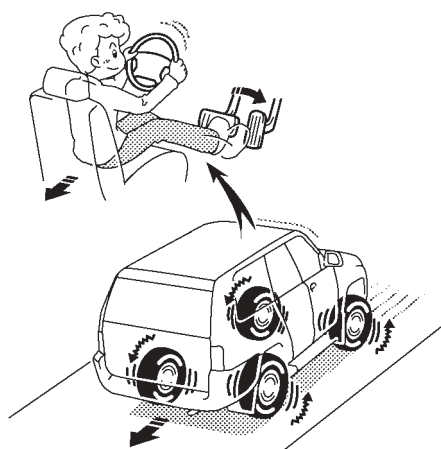
## Hill-start Assist Control

- The hill-start assist control is standard equipment on the high grade for Europe and Australia and is available as optional equipment on the high grade or the G.C.C. countries.
- When the driver transfers his/her foot from the brake pedal to the accelerator pedal while starting off on an uphill, the hill-start assist control momentarily maintains the hydraulic pressure in the wheel cylinders of the four wheels, in order to prevent the vehicle from rolling backward.
- The hill-start assist control used on the new model effects control to prevent the vehicle from rolling backward. This control has evolved further from the previous hill-start assist control, which slowed the backward rolling of the vehicle while starting off on a hill.
- See CH-115 for details on the hill-start assist control.



Standstill

01NMO88Y

**New**

Slow Backward Movement

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**Previous**