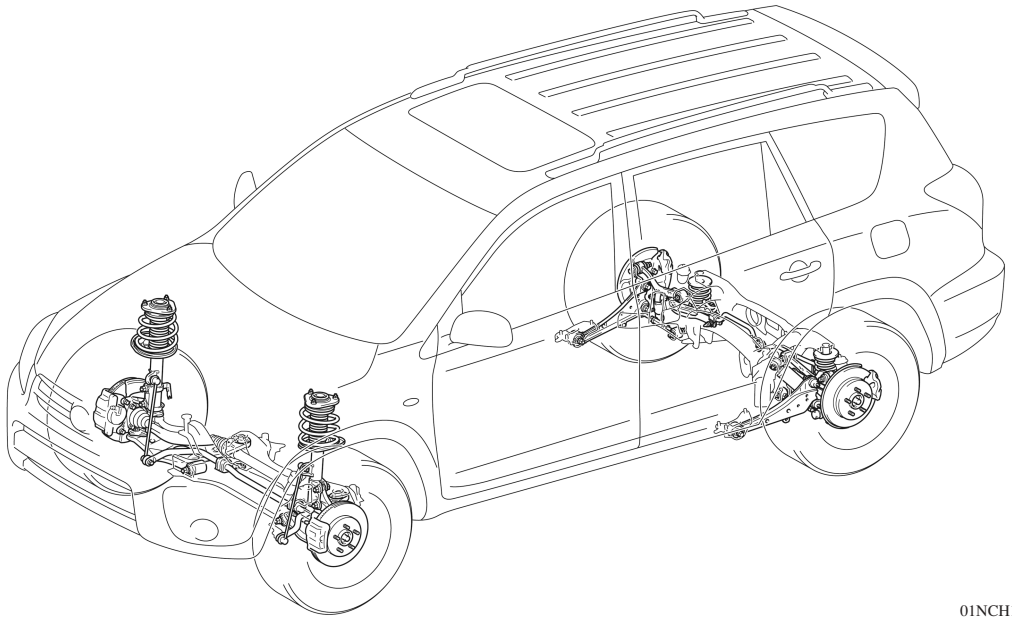
Chassis

Front Suspension

Type	MacPherson Strut Type Independent Suspension

Rear Suspension

Type	Double Wishbone Type Independent Suspension



01NCH100Y

Steering

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

Brake

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

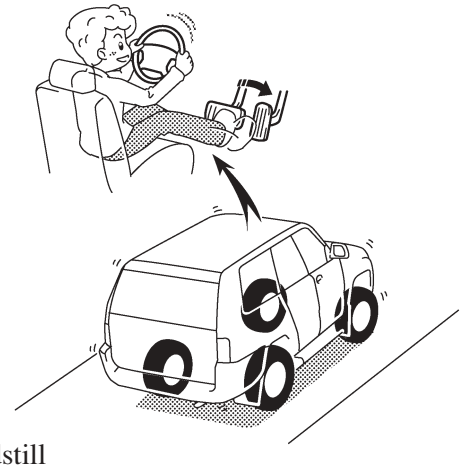
*1: General Countries Models *2: Europe, Australia and G.C.C. Countries Models
*3: Provision varies by destinations and grades. *4: Anti-lock Brake System
*5: Electronic Brake force Distribution *6: Traction Control *7: Downhill Assist Control
*8: Vehicle Stability Control

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

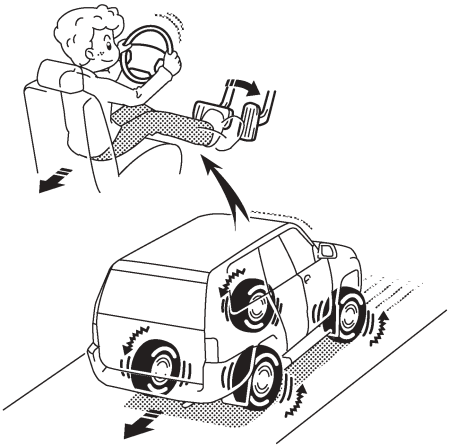
- The hill-start assist control is standard equipment on the high grade for Europe and Australia and is available as optional equipment on the high grade or the G.C.C. countries.
- When the driver transfers his/her foot from the brake pedal to the accelerator pedal while starting off on an uphill, the 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

01NMO89Y

Previous