

SAFETY

A highly rigid body and many safety features offer the peace of mind to occupants.

Active Safety

ABS (Anti-lock Brake System) with EBD (Electronic Braking force Distribution)

In order to prevent the tires from locking during emergency braking and assure vehicle stability and steerability, ABS has been installed. Furthermore, ABS hydraulic control equipment can be used and EBD, which appropriately divides the braking force between the front and rear and between the right and left wheels in accordance with the vehicle's driving state, can be included as a part of a set. With EBD, braking pedal force, particularly when the vehicle is loaded, is lightened, and a superior braking effect and performance can be assured.

Brake Assist

This system works in conjunction with ABS to support drivers who are unable to apply the brakes fully during emergency braking and for drivers who tend to apply the brakes too lightly. When the brakes are applied at high speeds, it is judged by the computer to be emergency braking and additional braking power is generated automatically by the system to ensure sufficient vehicle braking power.

TRAC (Traction Control)

- The TRAC system helps prevent the drive wheel from slipping if the driver presses the accelerator pedal excessively when starting off or accelerating on a performance.

*Only for 2WD model.

A-TRAC (Active-Traction Control)

- During rugged offroad driving, this function controls the engine output and the brake fluid pressure that is applied to the slipping wheel, and distributes the drive force that would have been lost through the slippage to the remaining wheels in order to achieve a LSD (Limited Slip Differential) effect. As a result, the vehicle's offroad drivability and ability to free itself from the mogul have been increased.

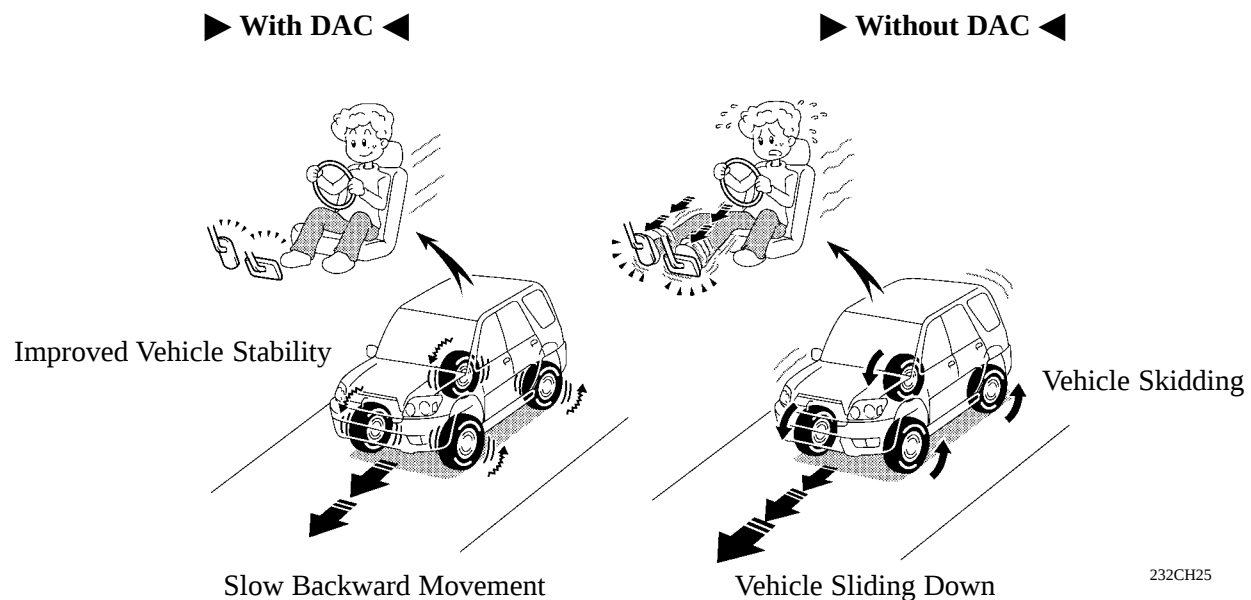
*Only for 4WD model.

VSC (Vehicle Skid Control)

- This system helps prevent the vehicle from slipping sideways as a result of strong front wheel skid or strong rear wheel skid during cornering.

DAC (Downhill Assist Control)

- When descending a steep hill, the DAC system automatically controls the hydraulic pressure of the brakes at the four wheels in order to maintain a constant low speed, without causing the wheels to become locked. Therefore, the driver can concentrate on the operation of the steering wheel and drive down the hill in a stable manner (Only for 4WD model).



HAC (Hill - start Assist Control)

- When the vehicle starts off on a steep or slippery hill, the HAC system automatically applies pressure to the brake hydraulics of the four wheels to reduce the backward speed of the vehicle.
- Without HAC, the driver must quickly and precisely switch from brake pedal to the accelerator pedal. With HAC however, the driver can start off easily and operate the pedal in a relaxed manner because HAC reduces the backward speed of the vehicle.

