

Brake Pedal Construction for Collision

- A "Brake Pedal Construction for Collision" is used so that the brake pedal moves downward during a frontal collision, in order to minimize the extent of the backward movement of the brake pedal and dampen the impact that is applied to the driver's lower limbs.
- The brake pedal is joined to the brake pedal lever. If the backward movement of the engine during a collision pushes on the brake booster, the dash panel intrudes into the floor and the instrument panel reinforcements move, causing the No. 3 brake pedal bracket and the brake pedal lever to rotate forward. As a result, the brake pedal, which is joined to the brake pedal lever, moves forward and downward.

