

■ STEERING GEAR

- A variable gear ratio type steering rack has been adopted. This steering rack changes the gear ratio gradually by changing the gear teeth form. The gear ratio is set larger around the steering center and smaller around the end position. And so, rack stroke around the end position is larger to reduce the steering operation while ensuring the moderate response around the steering center.
- Internal-external tube bushings are used to mount the steering gear on the vehicle. As a result, the steering operation feeling at the steering center position is increased by ensuring the installation strength in the right and left direction.
- A low friction rack guide and a cold-forged pinion gear are used in order to achieve a steering operation feeling at the center position.

