■ STEERING

1. Steering Gear

The diameter of the steering gear cylinder has been increased, thus optimizing the power steering assist characteristics and offering excellent steering feel. In addition, excellent maneuverability has been attained by changing the gear ratio quicker and decreasing the number of turns lock-to-lock to 2.74. The basic construction and operation of the steering gear are the same as those of the previous FJ Cruiser.

▶ Specification ◀

Model	New FJ Cruiser	Previous FJ Cruiser
Gear Ratio (Overall)	15.7	17.2
No. of Turns Lock to Lock	2.74	3.04
Rack Stroke mm (in.)	144 (5.7)	←
Fluid Type	ATF Type DEXRON®II or III	←

2. Vane Pump

The vane pump discharge rate has been increased, thus optimizing the power steering assist characteristics. The basic construction and operation of the vane pump are the same as those of the previous FJ Cruiser.

▶ Specification ◀

Model	New FJ Cruiser	Previous FJ Cruiser
Theoretical Discharge Rate l/min	11	9.6
Relief Pressure MPa (kgf/cm^2, psi)	8.3 (85, 1204)*1 10 (102, 1450)*2	←

*1: Models for General Countries and China
*2: Models for Middle East