

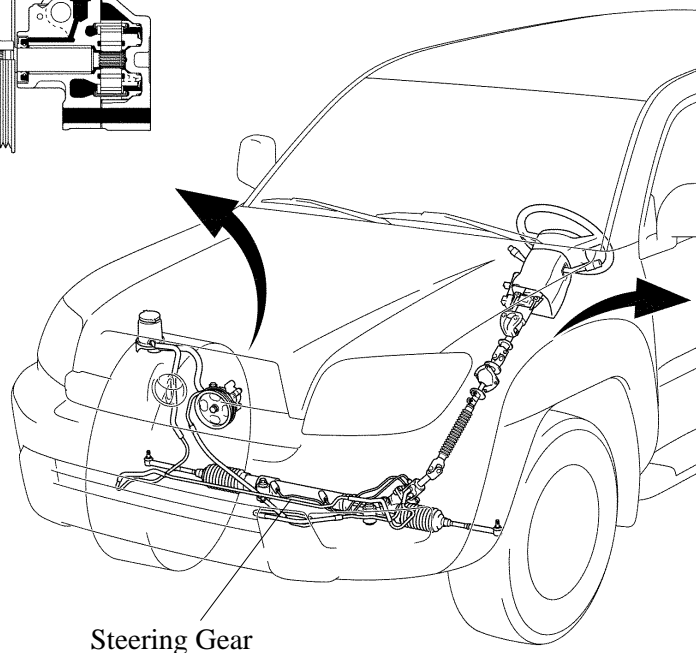
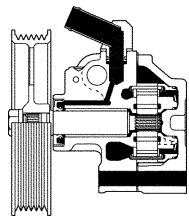
STEERING

DESCRIPTION

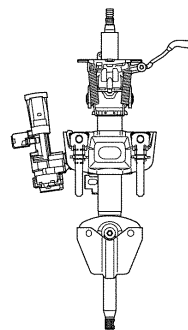
- As in the previous models, a rack and pinion type steering gear and an engine revolution sensing type power steering are used on all models.
- The features and the changes of this steering system are the following:

Item	Feature and Change
Vane Pump	The same pump as in the '03 Land Cruiser is used. However, its flow rate characteristics have been changed for the '03 4Runner.
Steering Gear	<ul style="list-style-type: none"> • A variable gear ratio type steering rack has been adopted. • A hollow steering rack is used for weight reduction. • Internal-external tube bushings are used to mount the steering gear on the vehicle.
Steering Column	<ul style="list-style-type: none"> • The tilt mechanism in the steering column is used standard equipment on SR5 grade. • The tilt and telescopic mechanisms in the steering column are used standard equipment on Limited grade and optional equipment on SR5 grade. • The steering column is used an energy absorbing mechanism that uses energy absorbing plate on the all models. • A main shaft made of aluminum has been adopted for weight reduction.

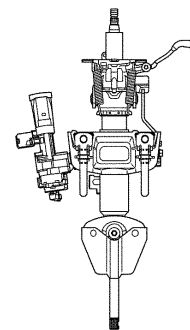
Vane Pump



Steering Column



with Tilt



with Tilt and Telescopic

232CH80

Specification

Gear Ratio (Overall)	15.6
No. to Turns Lock to Lock	3.0
Fluid Type	ATF Type DEXRON®II or III