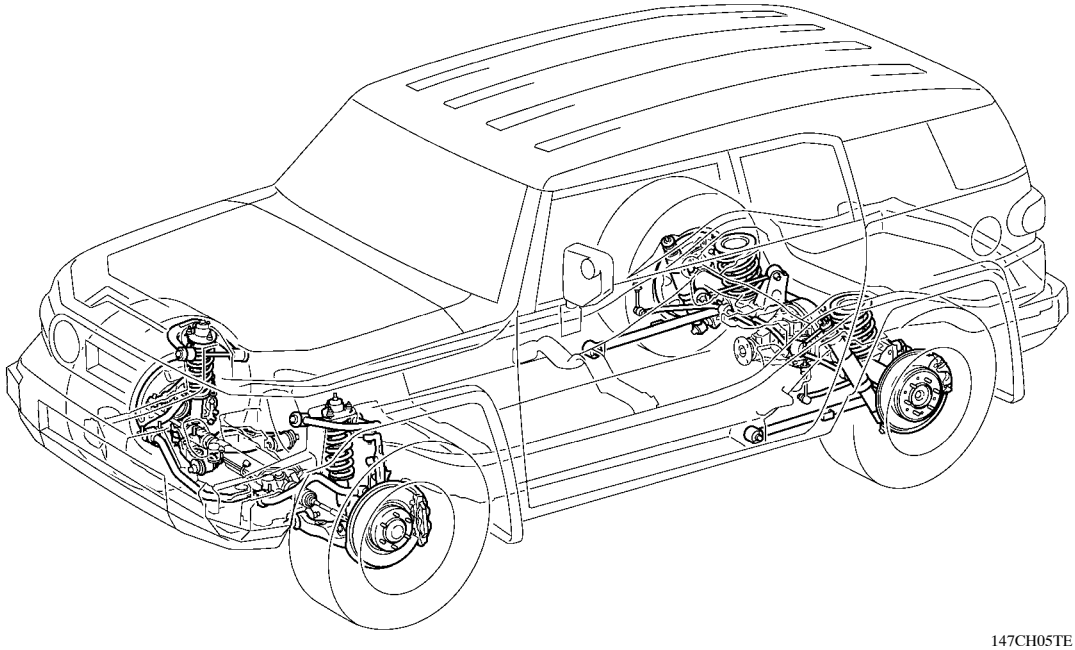
■SUSPENSION

1. General

The shape and characteristics of some parts in the front and rear suspension have been changed. As a result, excellent riding comfort, stability and off-road driveability have been ensured.



147CH05TE

▶ Specification ◀

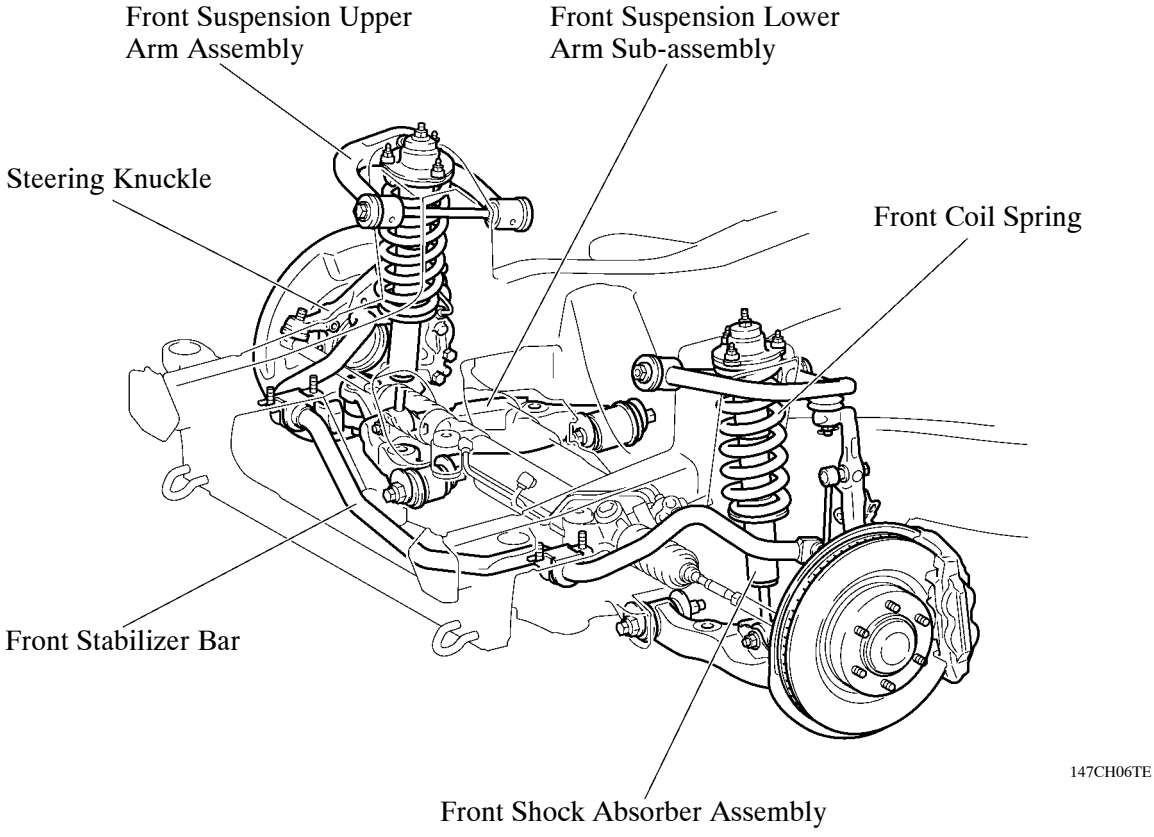
Model			’10 FJ Cruiser		’09 FJ Cruiser	
Drive Type			2WD	4WD	2WD	4WD
Tread	Front	mm (in.)	1605 (63.2)	←	←	←
	Rear	mm (in.)	1605 (63.2)	←	←	←
Front Wheel Alignment*1	Caster	degrees	3°33’	2°49’	3°34’	2°49’
	Camber	degrees	–0°34’	0°08’*2 0°09’*3	–0°34’	0°09’
	Toe-in	mm (in.)	1 (0.04)	←	←	←
	King Pin Inclination	degrees	13°05’	12°21’	12°55’	12°21’

*1: Unloaded Condition
*2: M/T models
*3: A/T models

2. Front Suspension

Any changes made to the front suspension are described in the table below.

Item	Outline
Front Shock Absorber Assembly	● The damping force characteristics of the front shock absorber assembly have been optimized by increasing the cylinder diameter. ● The characteristics of the lower bush have been optimized by increasing the bush size.
Front Suspension Lower Arm Sub-assembly	● The shape of the front suspension lower arm sub-assembly has been optimized to ensure higher rigidity. ● The characteristics of the bush have been optimized.
Front Stabilizer Bar	The structure of the front stabilizer bar has been changed from hollow to solid, and the diameter of the front stabilizer bar has been increased. (2WD models)
Steering Knuckle	The shape of the steering knuckle has been optimized to ensure higher rigidity.



3. Rear Suspension

Any changes made to the rear suspension are described in the table below.

Item	Outline
Rear Shock Absorber Assembly	The damping force characteristics of the rear shock absorber assembly have been optimized by increasing the cylinder diameter.
Rear Lateral Control Rod Assembly	The structure of the rear lateral control rod assembly has been changed from solid to hollow.
Rear Stabilizer Bar	The diameter of the rear stabilizer bar has been increased. (4WD models)

