INTRODUCTION

OUTLINE OF NEW FEATURES

1. Model Line-up

A TS grade has been added to the models for Europe.
The TS grade is equipped with the 2ZR-FE engine and C56 5-speed manual transaxle.

2. Exterior

- The TS grade is provided with sporty design headlights, front bumper, radiator grille, rear combination lights, and rear bumper. For details, see page 14.
- The TS grade is provided with a rear spoiler and rocker protectors as standard equipment. For details, see page 15.
- The TS grade is provided with 205/45R17 tires and 17-inch aluminum disc wheels as standard equipment. For details, see page 15.
- The TS grade is provided with the following exterior colors.

Color No.	Color Name	Note
1F6	**Dark Gray Mica Metallic**	**New**
209	Black Mica	Carryover
3P0	Super Red V	Carryover
4S9	Orange Mica Metallic	Carryover
8T0	Blue Mica Metallic	Carryover

3. Interior

- On the TS grade, the side registers, the inside door handles, and the parking brake lever knob have a plated design. For details, see page 16.
- On the TS grade, the illumination of the Optitron display type combination meter, heater control panel, audio head unit, and power window switch has an amber color.
- A steering wheel and shift knob that use perforation leather are provided as standard equipment on the TS grade. For details, see page 16.

4. 2ZR-FE Engine

On the models for Europe, the 2ZR-FE engine is newly added.

5. Clutch

On the TS grade, the following clutch system is provided.

- A dry type single plate clutch that is operated by hydraulic pressure is used.
- A clutch pedal with a turnover mechanism is used.

Engine Type			2ZR-FE
Transaxle Type			C56
Clutch	Type		Dry Type Single Plate Clutch Diaphragm Spring
	Operation		Hydraulic
Clutch Cover	Type		DST*1
	Size	mm (in.)	212 (8.35)
Clutch Disc	Facing Size*2	mm (in.)	212 x 140 x 3.5 (8.35 x 5.51 x 0.14)
	Facing Area	cm^2 ($in.^2$)	199 (30.8)
Master Cylinder	Type		Plunger
	Cylinder Diameter	mm (in.)	15.87 (0.52)
Release Cylinder	Type		Non-adjustable
	Cylinder Diameter	mm (in.)	19.05 (0.75)
Clutch Pedal			Turnover
Clutch Start System			Standard

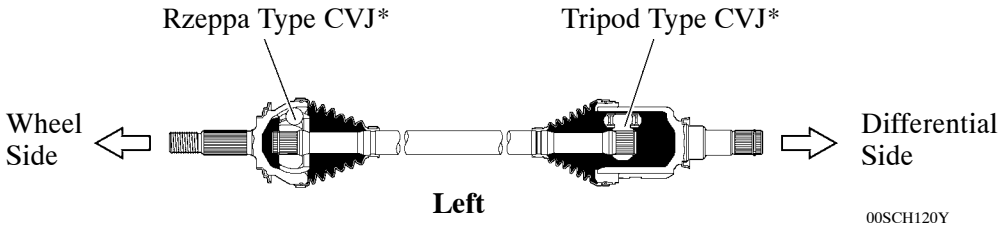
*1: DST (Diaphragm Spring Turnover)
*2: Outer Diameter x Inner Diameter x Thickness

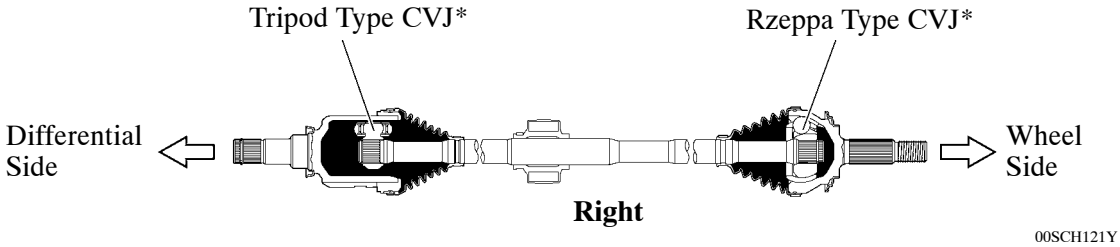
6. C56 Manual Transaxle

On the TS grade, the C56 5-speed manual transaxle is provided. For details, see page 78.

7. Drive Shaft

On the TS grade, the following drive shafts are provided.





*: CVJ (Constant Velocity Joint)

8. Suspension

On the TS grade, the following suspension is provided. Its basic construction is the same as the previous model.

- The MacPherson strut type is used for the front suspension.
- The torsion-beam type is used for the rear suspension.

▶ Specifications ◀

Engine Type			2ZR-FE
Tire Size			205/45R17
Front Wheel Alignment*	Tread	mm (in.)	1460 (57.5)
	Caster	degrees	4°56’
	Camber	degrees	–0°16’
	Toe-in	mm (in.)	0.6 (0.02)
	King Pin Inclination	degrees	11°31’
Rear Wheel Alignment*	Tread	mm (in.)	1450 (57.1)
	Camber	degrees	–0°58’
	Toe-in	mm (in.)	3.5 (0.14)

*: Unloaded Vehicle Condition

9. Brake

On the TS grade, the following brake system is provided.

- A ventilated disc brake is used for the front brake.
- A built-in type solid disc brake is used for the rear brake.
- The brake control system (ABS, EBD, Brake Assist, TRC, and VSC) is standard equipment.

▶ Specifications ◀

Engine Type			2ZR-FE
Master Cylinder	Type		Tandem
	Diameter	mm (in.)	23.81 (0.94)*1, 22.22 (0.87)*2
Brake Booster	Type		Single
	Size	in.	9
Front Brake	Type		Ventilated Disc
	Pad Area	cm^2 ($in.^2$)	43.8 (7.0) x 2
	Wheel Cylinder Diameter	mm (in.)	57.22 (2.25)
	Rotor Size (D x T)*3	mm (in.)	275 x 22 (10.83 x 0.87)
Rear Brake	Type		Solid Disc
	Pad Area	cm^2 ($in.^2$)	25 (4.0) x 2
	Wheel Cylinder Diameter	mm (in.)	33.96 (1.34)
	Rotor Size (D x T)*3	mm (in.)	259 x 9 (10.19 x 0.35)
Parking Brake	Type		Solid Disc
	Rotor Size (D x T)*3	mm (in.)	259 x 9 (10.19 x 0.35)
Brake Control System			ABS, EBD, Brake Assist*4, TRC, VSC
Brake Actuator Manufacturer			ADVICS

*1: LHD Models *2: RHD Models *3: (Diameter x Thickness) *4: Electrical Type

10. Steering

On the TS grade, the following steering system is provided. Its basic construction is the same as the previous model.

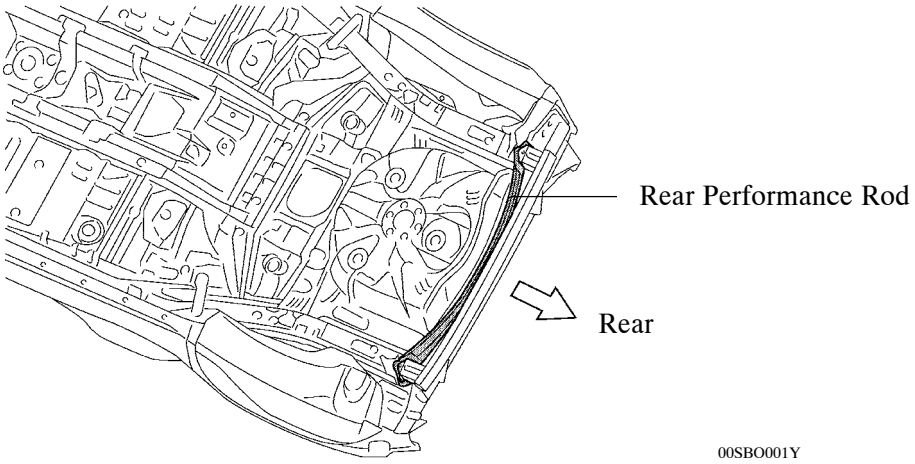
- The rack and pinion type steering gear is used.
- A vehicle speed sensing type EPS (Electric Power Steering) is used.
- A tilt and telescopic mechanism is provided.

▶ Specifications ◀

Engine Type		2ZR-FE
Steering Type		Electric Power Steering
Gear Ratio (Overall)		13.2
No. of Turns from Lock to Lock		2.28
Rack Stroke	mm (in.)	127.8 (5.03)

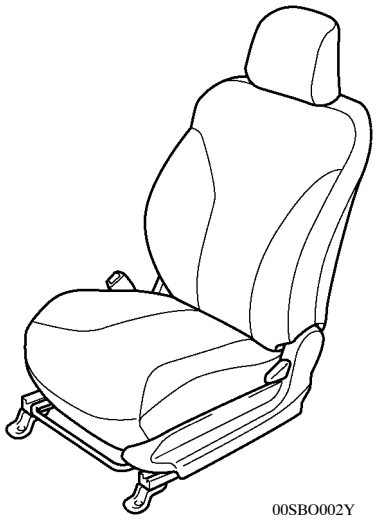
11. Body

On the TS grade, a rear performance rod is provided in the rear bumper reinforcement to help ensure body rigidity and drivability.

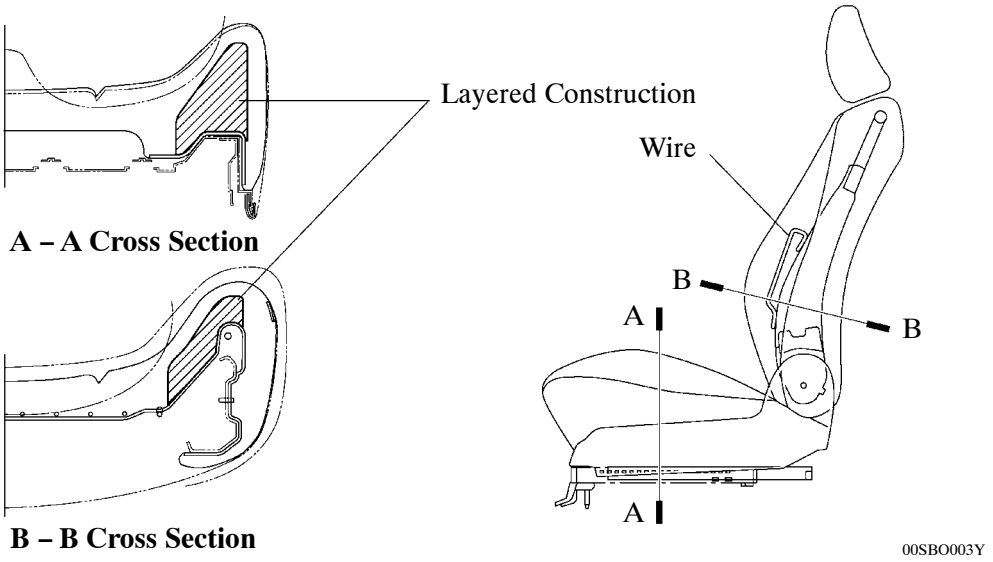


12. Seat

- On the TS grade, sport type front seats are provided.
- For the sport type front seats, a layered construction is used on the sides, and the side frame is provided with a wire to ensure holding performance.



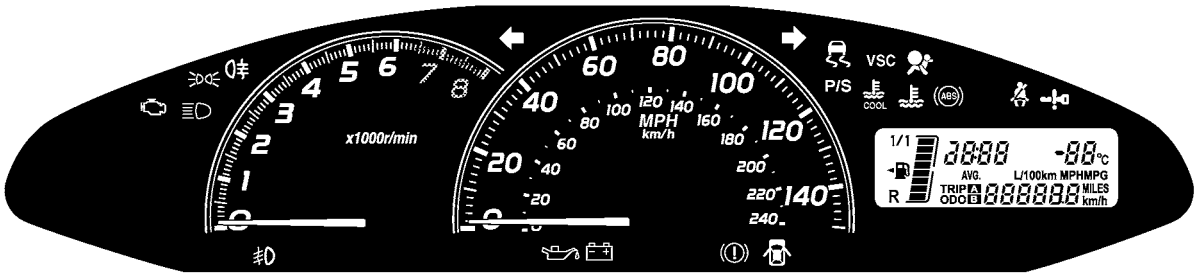
00SBO002Y



00SBO003Y

13. Combination Meter

An Optitron display type combination meter is added to the TS grade. This type of the combination meter includes the speedometer, tachometer, LCD display and indicator lights. The multi-information display is indicated in the LCD display. The lighting color of the combination meter is amber to realize a sporty look.



TS Grade for RHD Models

00SBE104Y

14. Theft Deterrent System

The theft deterrent system is available as standard equipment on the TS grade for the RHD models.