

CELICA

OUTLINE OF NEW FEATURES

1. Exterior and Interior

The exterior and interior have been changed in order to evolve into a cool and sport model and to emphasize the high quality. For details, refer to [page 33](#).

2. Fuel Tank

The fuel tank for the Europe model has been made lead-free to address environmental concerns.

3. Suspension

Newly developed front and rear shock absorbers have been adopted to ensure the responsiveness of the damping force.

4. Brake

The new Celica has changed a brake system with the following specifications:

Destination		Europe				Australia	
Engine		1ZZ-FE		2ZZ-GE		2ZZ-GE	
Model		New	Previous	New	Previous	New	Previous
Front Brake	Type	Ventilated Disc	←	←	←	←	←
	Rotor Size (for wheel)	15 in.	14 in.	15 in.	←	←	←
Rear Brake	Type	Solid Disc	←	←	←	←	←
	Rotor Size (for wheel)	14 in.	←	←	←	←	←
Brake Control System	ABS with EBD	STD	←	—	STD	OPT	←
	ABS with EBD, Brake Assist, TRC, VSC	OPT	—	STD	—	—	—

ABS: Anti-lock Brake System, EBD: Electronic Brake force Distribution,
TRC: Traction Control, VSC: Vehicle Stability Control

Model		New	Previous
Master Cylinder	Type	Tandem	←
	Diameter	20.64 (0.81)	←
Brake Booster	Type	Single	←
	Size	9"	←
Front Brake	Wheel Cylinder Dia. mm (in.)	57.2 (2.25)	←
	Rotor Size (D x T)* ¹ mm (in.)	275 x 25 (10.83 x 0.98)	255 x 25 (10.04 x 0.98)* ² 275 x 25 (10.83 x 0.98)* ³
Rear Brake	Wheel Cylinder Dia. mm (in.)	33.9 (1.33)	←
	Rotor Size (D x T)* ¹ mm (in.)	269 x 9 (10.6 x 0.35)	←
P Valve	Type	—* ⁴ , Dual* ⁵	←
Parking Brake	Type	Duo-Servo	←
	Size	173 (6.81)	←
	Lever Type	Center Lever	←

*1: D: Outer Diameter, T: Thickness

*2: 1ZZ-FE Engine Model

*3: 2ZZ-GE Engine Model

*4: with Brake Control System

*5: without Brake Control System

- The brake actuator of the brake control system (ABS with EBD) is integrated with the skid control ECU, ABS solenoid relay and ABS motor relay.
- The brake actuator of the brake control system (ABS with EBD, Brake Assist, TRC, VSC system) is newly developed. The brake actuator consists of 10 two-position valves, 4 check valves, 2 pump motor, 2 reservoirs, and master cylinder pressure sensor.

Service Tip

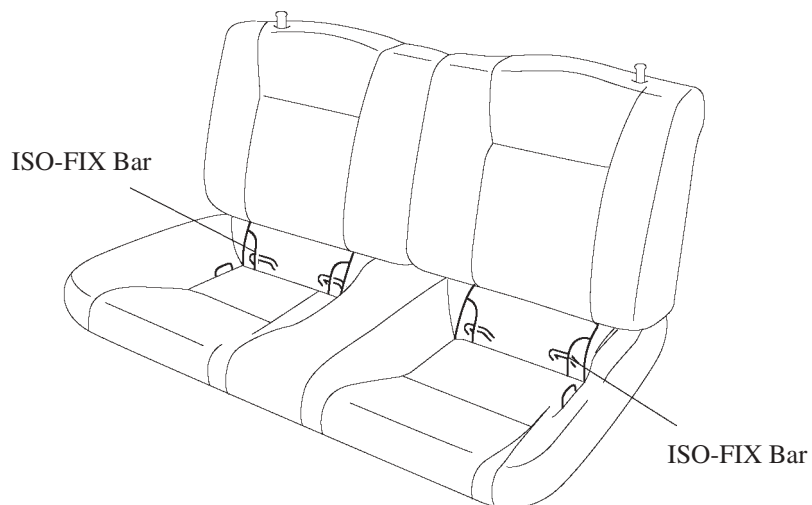
The bleeding procedure has been changed due to use of this brake actuator (for ABS with EBD, Brake Assist, TRC, VSC). For details, refer to the Celica Chassis & Body Repair Manual Supplement (Pub. No. RM981E).

5. Steering

- The main shaft support portion has been changed from a bushing to a needle bearing type. The needle bearing is used to reduce the friction that occurs during steering operation.
- The shape of the steering column bracket has been changed in order to ensure its mounting rigidity.

6. Rear Seat

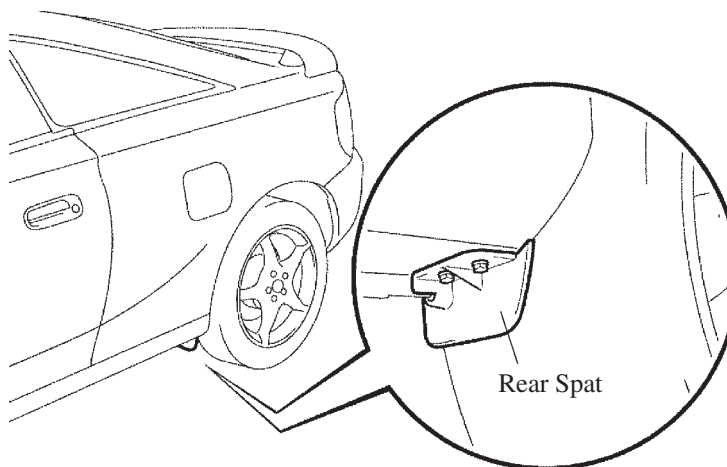
ISO-FIX bar for securing child seats is used behind the seat cushion of the rear seat on the Australia model.



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7. Aerodynamics

Rear spats are used on the Europe model to smooth out the airflow around the tires and reduce air resistance.



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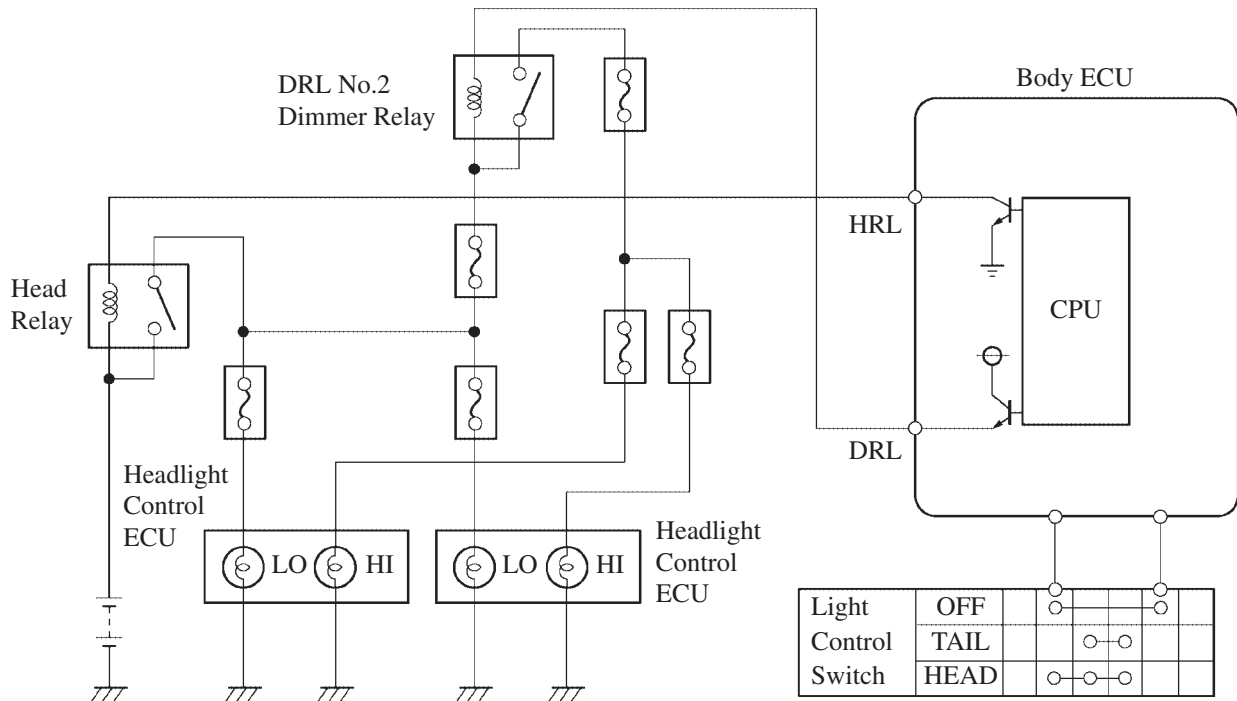
8. HID (High Intensity Discharge) Headlight System

HID headlight system is used as optional equipment for the low beams of all models in order to realize excellent visibility.

9. Daytime Running Light System (with HID Headlight Model)

The daytime running light system on the Europe model with the HID headlights lights on the low beams.

► Wiring Diagram ◀



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10. Automatic Headlight Beam Level Control System

An automatic headlight beam level control system is used as optional equipment on all models using the HID headlight system.

11. Headlight Cleaner System

A headlight cleaner system is used as optional equipment on all models using the HID headlight system.

12. Seat Heater

Seat heater system is used as optional equipment for driver and front passenger seats on the Europe model.