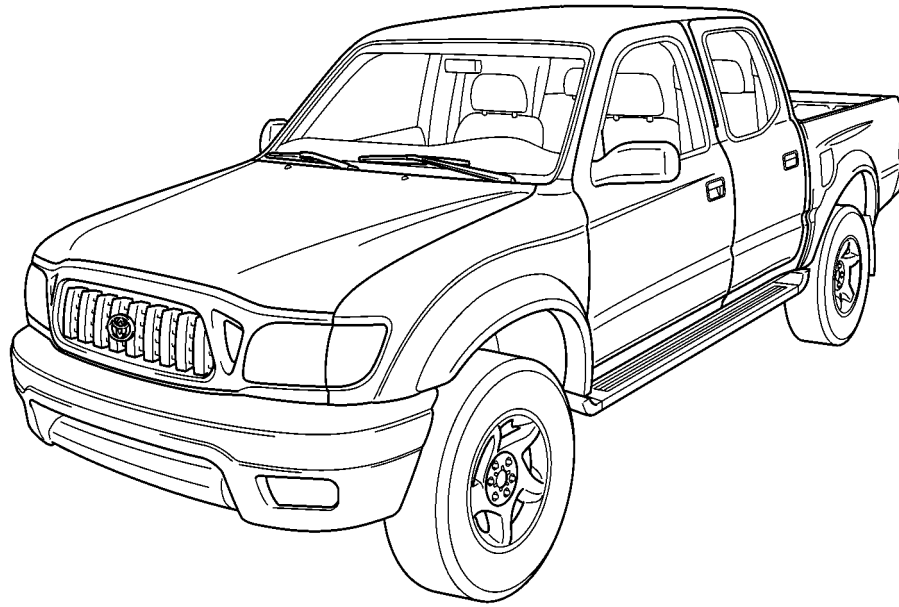


# TACOMA



228TA03

## TOYOTA TACOMA

### OUTLINE OF NEW FEATURES

The following changes are made for the 2003 model year.

#### 1. 2RZ-FE and 3RZ-FE Engine

To comply with the OBD-II (On-Board Diagnosis II) regulations, all the DTC (Diagnostic Trouble Code) have been made to correspond to the SAE controlled codes. For details, refer to 2003 General Features section.

#### 2. 5VZ-FE Engine

- The composition of the TWC (Three-Way Catalytic Converter) has been changed to comply with the LEV (Low Emission Vehicle) and SFTP (Supplementary Federal Test Procedure) emission regulations.
- The same link type ETCS-i (Electronic Throttle Control System-intelligent) that is used on the '03 Toyota Tundra with the 5VZ-FE engine has been adopted on the models other than Sport grade model.
- To comply with the OBD-II (On-Board Diagnosis II) regulations, all the DTC (Diagnostic Trouble Code) have been made to correspond to the SAE controlled codes. Some of the DTC have been further divided into smaller detection areas than in the past, and new DTC have been assigned to them. For details, refer to 2003 General Features section.

#### 3. A340E and A340F Automatic Transmission

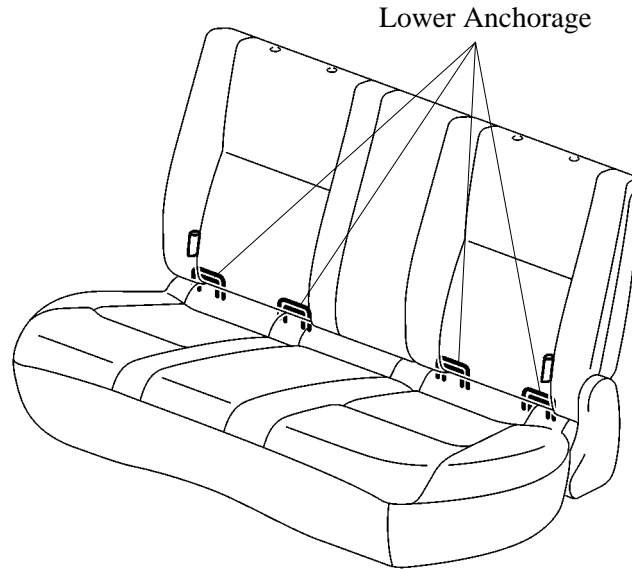
- The line pressure control using a linear solenoid valve (SLT), which was adopted on the '02 Toyota Tundra with the 2UZ-FE engine, has also been adopted on the '03 Toyota Tacoma with the 5VZ-FE engine. Accordingly, the shape of the valve body and the logic of the ECM have been changed.
- The previous mechanical control, which consisted of a throttle cable, cam, and throttle valve, has been changed to an electronic control system that uses a solenoid valve SLT.
- The automatic transmission fluid of 3RZ-FE and 5VZ-FE engine model has been changed from the D-II type ATF to the T-IV type ATF.

#### 4. Brake

- The ABS brake control system, which was optional equipment on the '02 model, is now standard equipment on all models.
- The brake actuator with skid control ECU has been changed from the one made by Continental Teves on the '02 model to one made by ADVICS. However, the basic construction and operation are the same as the '02 model.
- In place of the pendulum type deceleration sensor used previously in the ABS brake control system of the 4WD and Prerunner models, a semiconductor type deceleration sensor has been adopted.
- The incremental type hydraulic auto adjuster to automatically adjust the clearance between the shoes and drum has been adopted on rear brake for 4WD and Prerunner models.

**5. Seat**

CRS (Child Restrain System) lower anchorage for securing child seats is provided behind the seat cushion of the front or rear seat



**Double Cab Model Rear Seat**

228TA01

○ : available — : not available

	Front Seat			Rear Seat	
	Reg-ular Cab	Ex-tra Cab	Dou-ble Cab	Ex-tra Cab	Dou-ble Cab
LH Side	—	—	—	—	○
RH Side	○	○	—	—	○

**6. Cruise Control System**

- On the models with the 5VZ-FE engine other than Sport grade model, the cruise control has been changed to one that is controlled by the ETCS-i. Accordingly, the components of the system have been changed as follows:
  - Cruise control ECU is integrated in the ECM.
  - Cruise control actuator and control cable has been discontinued.
  - Throttle control motor, throttle position sensor and accelerator pedal position sensor have been adopted.
- The basic construction and operation are the same as '03 Celica. For details, refer to page 76.