

AVENSIS VERSO

OUTLINE OF NEW FEATURES

The following changes are made for the new Avensis Verso.

1. Model Line-up

- The 1AZ-FE engine has been discontinued and the 2AZ-FE engine has been introduced on the models for Australia.
- The 6-passenger right-hand drive (RHD) model for Europe has been discontinued.

2. Exterior

- The designs of the front bumper have been changed.
- The designs of the headlights have been changed.
- The designs of the rear combination lights have been changed.
- The design of the 16-inch aluminum disc wheel has been changed.
- The following exterior colors have been added:

Added Color No.	Added Color Name
1D4	Silver Metallic
202	Black
3Q3	Dark Red Mica Metallic
580	Yellow Mica Metallic
8K2	Light Purplish Blue Mica Metallic
8M6	Blue Mica

3. 1AZ-FE Engine

- The camshafts have been changed to those with different operating angles in order to improve fuel economy.
- An ETCS-i (Electronic Throttle Control System-intelligent) function has been adopted. Accordingly, an electronic throttle body with a built-in Hall IC type throttle position sensor has been adopted.
- In accordance with the adoption of the ETCS-i function, a linear type accelerator position sensor has been adopted.
- The alternator has been changed to a segment conductor type.
- The models for Europe have adopted injectors with improved atomization of fuel in order to comply with the STEP IV exhaust emission regulations.
- To comply with the exhaust emission regulations, the number of startup converters (TWC) has been changed from two to one, and an under floor catalyst has been added.
- The number of the air fuel ratio sensor and the oxygen sensor become one.
- SLLC (Super Long Life Coolant) has been newly provided.

4. 2AZ-FE Engine

The 2AZ-FE engine has been newly provided on the models for Australia.

5. 1CD-FTV Engine

SLLC (Super Long Life Coolant) has been newly provided.

6. Shock Absorber

- On all models, the linear control valves of the shock absorbers have been changed to the multi-leaf type linear control valve.
- This shock absorber generates the damping force in the extremely low piston speed range in order to realize a flat ride comfort.

7. Brake

- The brake control system (ABS with EBD, brake assist, TRC, and VSC) has been newly adopted as optional equipment on the models for Europe.
- To control VSC, braking control has been adopted under the conditions in which the limitations of the tires are not exceeded.
- A mechanical type brake assist has been newly provided as standard equipment on the models without the VSC system. Also, a compact and lightweight actuator has been adopted.
- The brake control system (ABS with EBD, brake assist, TRC, and VSC) uses CAN communication.

8. Seat

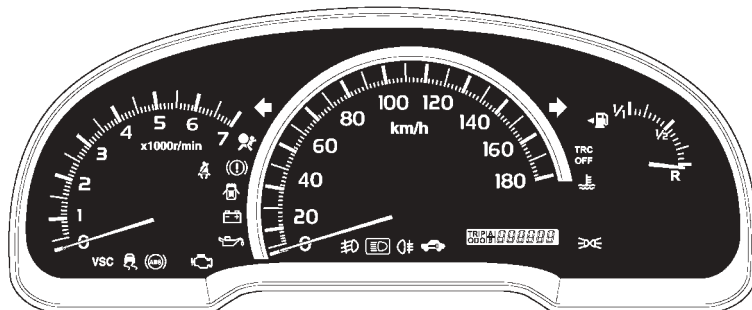
- Sports seats have been newly provided as standard equipment for the front seat on the models for Australia in order to improve the comfort.
- A headrest has been provided as standard equipment on the center rear seat on the models for Australia and general countries.
- Top tether anchors have been provided for the rear No. 1 seat.

9. Multiplex Communication

CAN communication has been adopted in the brake control system (ABS with EBD, brake assist, TRC and VSC).

10. Combination Meter

- An Optitron display type combination meter has been newly provided as standard equipment on the models for Europe and general countries. The optitron display type meter realizes excellent visibility through the use of smoke acrylic in the protective panel, and LEDs (Light Emitting Diodes) that is very bright and has high contrast for illuminating the indicator and the dial.
- A VSC warning light, SLIP indicator, and a TRC OFF indicator have been added on the models for Europe equipped with VSC.
- A cruise MAIN indicator light has been added on the model for Australia.



Model for Europe Equipped with VSC

11. Air Conditioner

- An automatic air conditioner has been newly provided as standard equipment on the right-hand drive (RHD) models for Europe and general countries.
An automatic air conditioner has been made newly available as optional equipment on the left-hand drive (LHD) models for Europe.
- A humidity control automatic air conditioner has been newly provided as standard equipment on the models for Australia.
- A variable-capacity compressor has been newly adopted on the models for Australia in order to reduce energy consumption.
- The temperature-humidity integrated sensor has been adopted on the models for Australia.
- In accordance with the adoption of the automatic air conditioner, the solar sensor has been adopted on all models.

12. Navigation System

The navigation system on the models for Europe has been updated with the addition of new function.

13. Engine Immobilizer System

On all models, the transponder key ECU controls the engine immobilizer system by communicating with the Engine ECU. Also, the encoding of the ID in the ignition key and the ID stored in the transponder key ECU has been changed from the conventional fixed encoding to an encrypted encoding type. As a result, the theft deterrence performance has been improved.

14. Cruise Control System

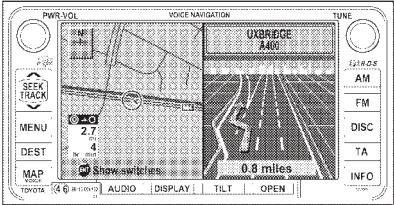
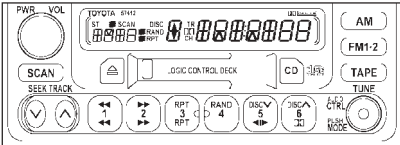
A cruise control system has been newly provided as standard equipment on the models for Australia.

15. Outside Rear View Mirror

Power-retracting type mirrors coated with blue hydrophilic film have been provided as standard equipment on the models for general countries.

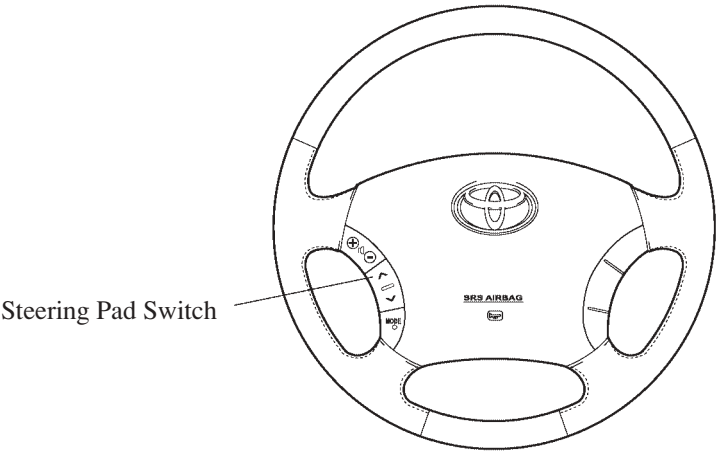
16. Audio System

- A glass antenna has been newly provided as standard equipment on all models.
- The audio systems listed below have been newly adopted as optional equipment.

Design	Specifications	Application
 251EQ01	<ul style="list-style-type: none">● LCD type● AM/FM Tuner● DVD Player● CD Player● RDS-TMC*● 6-speaker System● Manufacturer: AISIN AW	Europe: option
 251EQ02	<ul style="list-style-type: none">● AM/FM Tuner● Cassette Player● 6-speaker System● Manufacturer: Panasonic	Australia, General Countries : option

*: Radio Data System – Traffic Message Channel

- Steering pad switches have been made newly available as optional equipment on the models for Europe. The audio control switches with high frequency use have been located on the steering wheel in the form of steering pad switch to improve the ease of use.



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