

Important information about your Toyota

Occupant restraint systems

Toyota encourages you and your family to take the time to read Section 2-2 of this Owner's Manual carefully. In terms of helping you understand how you can receive the maximum benefit of the occupant restraint systems this vehicle provides, Section 2-2 of this Owner's Manual is the most important section for you and your family to read.

Section 2-2 describes the function and operation concerning seats, seat belts, SRS airbags and child restraint systems of this vehicle and some potential hazards you should be aware of. These systems work together along with the overall structure of this vehicle in order to provide occupant restraint in the event of a crash. The effect of each system is enhanced when it is used properly and together with other systems. No single occupant restraint system can, by itself, provide you or your family with the equal level of restraint which these systems can provide when used together. That is why it is important for you and your family to understand the purpose and proper use of each of these systems and how they relate to each other.

The purpose of all occupant restraint systems is to help reduce the possibility of death or serious injury in the event of a collision. None of these systems, either individually or together, can ensure that there is no injury in the event of collision. However, the more you know about these systems and how to use them properly, the greater your chances become of surviving an accident without death or serious injury.

Seat belts provide the primary restraint to all occupants of the vehicle, and every occupant of the vehicle should wear seat belts properly at all times. Children should always be secured in child restraint systems that are appropriate for their age and size. SRS (Supplemental Restraint System) airbags are, as their names imply, designed to work with, and be supplemental to, seat belts and are not substitutes for them. SRS airbags can be very effective in reducing the risk of head and chest injuries by preventing contact of the head and chest with interior portions of the vehicle.

In order to be effective, the SRS airbags must deploy with tremendous speed. The rapid deployment of the SRS airbags makes the SRS airbags themselves potential sources of serious injury if an occupant is too close to an airbag, or if an object or some part of his or her body has been placed between the occupant and the airbag at the time of deployment. This is just one example of how the instructions in Section 2-2 of this Owner's Manual will help ensure proper use of the occupant restraint systems, and increase the safety they can provide to you and your family in the event of an accident.

Toyota recommends you to read the provisions in Section 2-2 carefully and refer to them as needed during your time of ownership of this vehicle.

Event data recorder

Your vehicle has computers that monitor and control certain aspects of your vehicle. These computers assist in driving and maintaining optimal vehicle performance. Besides storing data useful for troubleshooting, there is a system to record data in a crash or a near car crash event. This is called an Event Data Recorder (EDR).

The SRS airbag sensor assembly contains the EDR. In a crash or a near car crash event, this device may record some or all of the following information:

- Engine speed
- Whether the brake pedal was applied or not
- Vehicle speed
- To what extent the accelerator pedal was depressed
- Position of the transmission selector lever
- Whether the driver and front passenger wore the seat belts or not
- Driver's seat position
- Front passenger's occupant classification

- SRS airbag deployment data
- SRS airbag system diagnostic data

If your vehicle is equipped with a vehicle stability control (VSC) system, its Electronic Control Unit (ECU) may contain another EDR. There are a variety of driving situations which include activating the VSC under which the VSC EDR will record certain information. The VSC EDR may record some or all of the following information:

- Behavior of the vehicle
- Steering wheel angle
- Vehicle speed
- To what extent the accelerator pedal was depressed
- To what extent the brake pedal was applied
- To what extent the ECU controlled the condition of the 4 wheels
- Vehicle stability control system diagnostic data

The information above is intended to be used for the purpose of improving vehicle safety performance. Unlike general data recorders, the EDR does not record sound data such as conversation between passengers.

Toyota will not disclose the data recorded in an EDR to a third party except when:

- An agreement from the vehicle's owner (or the leasing company for a leased vehicle) is obtained
- Officially requested by the police or other authorities
- Used as a defence for Toyota in a law suit
- Ordered by the court

However, if necessary Toyota will:

- Use the data for research on Toyota vehicle safety performance
- Disclose the data to a third party for research purposes without disclosing details of the vehicle owner, and only when it is deemed necessary
- Disclose summarized data cleared of vehicle identification information to a non-Toyota organization for research purposes

New vehicle warranty

Your new vehicle is covered by the following Toyota limited warranties:

- New vehicle warranty
- Emission control systems warranty
- Others

For further information, please refer to the "Owner's Warranty Information Booklet" or "Owner's Manual Supplement".

Your responsibility for maintenance

It is the owner's responsibility to make sure the specified maintenance is performed. Section 7 gives details of these maintenance requirements. Also included in Section 7 is general maintenance. For scheduled maintenance information, please refer to the "Scheduled Maintenance Guide" or "Owner's Manual Supplement".

Important health and safety information about your Toyota

CAUTION

- **WARNING:** Engine exhaust, some of its constituents, and a wide variety of automobile components contain or emit chemicals known to the State of California to cause cancer and birth defects and other reproductive harm. In addition, oils, fuels and fluids contained in vehicles as well as waste produced by component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- **Battery posts, terminals and related accessories contain lead and lead compounds. Wash your hands after handling. Used engine oil contains chemicals that have caused cancer in laboratory animals. Always protect your skin by washing thoroughly with soap and water.**

Accessories, spare parts and modification of your Toyota

A wide variety of non-genuine spare parts and accessories for Toyota vehicles are currently available in the market. You should know that Toyota does not warrant these products and is not responsible for their performance, repair, or replacement, or for any damage they may cause to, or adverse effect they may have on, your Toyota vehicle.

This vehicle should not be modified with non-genuine Toyota products. Modification with non-genuine Toyota products could affect its performance, safety or durability, and may even violate governmental regulations. In addition, damage or performance problems resulting from the modification may not be covered under warranty.

Spark ignition system of your Toyota

The spark ignition system in your Toyota meets all requirements of the Canadian Interference-Causing Equipment Standard.

Installation of a mobile two-way radio system

As the installation of a mobile two-way radio system in your vehicle could affect electronic systems such as multiport fuel injection system / sequential multiport fuel injection system, cruise control system, anti-lock brake system, vehicle stability control system, SRS airbag system, seat belt pretensioner system and Toyota hybrid system, be sure to check with your Toyota dealer for precautionary measures or special instructions regarding installation.

Smart entry and start system

Users of any electrical medical devices such as implanted pacemakers should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices. For details, see “Keys” on page 20 and “Smart entry and start system” on page 24 in Section 2-1.

Tires and loading on your Toyota

Underinflated or overinflated tire inflation pressure and the excess load may result in the deterioration of steering ability and braking ability, leading to an accident. Check the tire inflation pressure periodically and be sure to keep the load limits given in this Owner’s Manual. For details about tire inflation pressure and load limits, see page 405 and pages 342.

Scrapping of your Toyota

The SRS airbag and seat belt pretensioner devices in your Toyota contain explosive chemicals. If the vehicle is scrapped with the airbags and pretensioners left as they are, this may cause an accident such as fire. Be sure to have the systems of the SRS airbag and seat belt pretensioner removed and disposed of by the qualified service shop or by your Toyota dealer before you dispose of your vehicle.

CAUTION

When your vehicle or battery needs to be disposed of, be sure to consult your Toyota dealer. Hybrid batteries must be collected through Toyota dealers. If your vehicle is disposed of without dismantling, someone could receive an electric shock by touching the high voltage parts of the hybrid battery. If the battery is not disposed of properly, its contents can cause death or serious injury.

Hybrid battery

The hybrid battery has a limited service life. Call your Toyota dealer for information about recycling or disposal of hybrid battery and your vehicle.

Leak detection pump

This pump performs fuel evaporation leakage check. This check is done approximately five hours after the hybrid system is turned off. So you may hear a sound coming from underneath the luggage compartment for several minutes. It does not indicate a malfunction.

CAUTION

Precautions for use of hybrid vehicle

The vehicle has both high voltage DC and AC systems as well as a 12-volt system. DC and AC high voltage are both very dangerous and can cause death or serious injury, severe burns and electric shock.

- In order to avoid personal injuries, do not touch the high voltage cables (orange colored) and their connectors.
- Follow the caution labels attached to the high voltage parts.
- Do not remove or replace the high voltage parts such as the inverter unit (located in the engine compartment), hybrid battery (located behind rear seat), etc.
- Do not touch the service plug located in the left side trim of the luggage compartment without hybrid system technical training. (See "Precautions for use" on page 14 in Section 1-2.) This component is provided to disable the high voltage system in case of servicing at a Toyota dealer.

 CAUTION

If an accident occurs

- Pull your vehicle off the road, push the “P” position switch, stop the hybrid system and if the key is inserted into key slot, remove it.
- In order to avoid personal injuries, do not touch any high voltage wirings and their connectors, and high voltage parts (inverter unit, hybrid battery, etc.).
- If some exposed electric wires are protruding inside or outside of your vehicle, an electric shock may occur. Never touch the electric wires.
- If fluid leaks or gets in some parts of the vehicle, never touch it because it may be electrolyte (strong alkali) from the hybrid battery. If it gets into your skin or eyes, wash off immediately with a large amount of water, if possible, boric acid solution, and get immediate medical attention in order to help avoid serious injury.
- If a vehicle fire occurs, extinguish it using a fire extinguisher for the exclusive use on electric fires. Or, use a large amount of water to prevent flammable gas from being generated from the batteries.

- If your vehicle needs to be towed, do it with the front wheels raised. For details on towing, see “If your vehicle needs to be towed” on page 372 in Section 5.

 CAUTION

High Voltage

Your vehicle is equipped with cables connected to parts of the vehicle subject to high voltage (about 500 V at maximum). There are some other parts that reach high temperatures while you drive. Never touch battery cables (wrapped in orange-colored harnesses) or their connectors since they are under high voltage and dangerous. Caution labels are applied to these parts to identify them. Carefully observe the instructions on these caution labels.



