

■ CENTER AIRBAG SENSOR ASSEMBLY

- It reaches a deploy judgment to deploy the dual stage (two-step control type) driver's and front passenger's airbags, driver's and front passenger's knee airbags, and pretensioners based on the signals received from the front airbag sensor and the center airbag sensor assembly. In addition, it can reach a deploy judgment to deploy the side airbags and curtain shield airbags based on signals received from the side airbag sensors and rear airbag sensors. Furthermore, it is equipped with a diagnosis function to perform self-diagnosis in case of system malfunctions.
- Each signal is transmitted as follows:

Target ECU	Signal	Communication path
ECM	Airbag Deployment Signal	CAN communication circuit
Main Body ECU RH (Cowl Side J/B RH)	Airbag Deployment Signal	Direct Circuit
Combination Meter Assembly	<ul style="list-style-type: none"> • SRS Warning Light ON Demand Signal • Driver Seat Belt Warning Light ON Demand Signal 	CAN and BEAN communication circuit

■ EDR

Center airbag sensor assembly that monitor and control certain aspects of vehicle. These computers assist in driving and maintaining optimal vehicle performance. This is called an EDR (Event Data Recorder). The center 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
 - SRS airbag deployment data
 - SRS airbag 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 defense 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