6. PROCEDURES NECESSARY WHEN BATTERY TERMINAL IS DISCONNECTED/RECONNECTED

(a) THE WORK LIST

(1) Each inspection procedure refers to TOYOTA Repair Manual.

Necessary Procedure	Procedure Detail	Effects/Inoperative Functions When Necessary Procedures are not Performed	Note
Idle speed control learning	Perform initialization	—	Perform the initialization using Techstream.
Reset back door close position	Fully close the back door to turn off the courtesy switch.	Power back door function	If the back door is closed when disconnecting the cable from the battery terminal, it is not necessary to reset it.

NOTICE:
It may not be possible to release the steering lock or start the engine when the battery voltage is low. If this occurs, initialization of the steering lock system is required.

7. PROCEDURES NECESSARY WHEN ECU OR OTHER PARTS ARE REPLACED

(a) THE WORK LIST

(1) Each inspection procedure refers to the TOYOTA Repair Manual.

Replacement Part	Necessary Procedure	Effects/Inoperative Functions when Necessary Procedures are not Performed	Note
Hybrid vehicle control ECU	ECU communication ID registration	• Wireless door lock control system • Smart key system • Starting of hybrid system	—
	Vehicle Identification Number (VIN) registration	MIL comes on	Use Techstream.
	Idle speed control learning (Perform initialization)	—	Use Techstream.
Tire pressure warning ECU	• Register transmitter IDs	• When DTC detection conditions of “transmitter ID not received” DTC are met, TPWS indicator blinks for 1 minute, and then illuminates. • Tire pressure monitoring function	—
Tire pressure warning valve and transmitter	• Register transmitter IDs	• When DTC detection conditions of ”transmitter ID not received” DTC are met, TPWS indicator blinks for 1 minute, and then illuminates. • Tire pressure monitoring function of replaced wheel	Even if only one transmitter is replaced, IDs for all 4 or 5 wheels must be registered.

Skid control ECU	• Initialization of linear solenoid valve and calibration • Yaw rate and acceleration sensor zero point calibration	• VSC OFF indicator light blinks • VSC disabled or malfunctioning	Perform yaw rate and acceleration sensor zero point calibration with the power switch on (IG).
Brake actuator assembly	• Clearing stored value of linear solenoid valve and calibration data • Initialization of linear solenoid valve and calibration	Brakes do not operate properly	—
• Brake pedal stroke sensor • Brake pedal	• Inspection and adjustment of brake pedal height • Clearing stored value of linear solenoid valve and calibration data • Initialization of linear solenoid valve and calibration	• Brake warning light/yellow (minor malfunction) illumination • Brake warning light/red (malfunction) • ABS warning light illumination • Master warning light illumination	—
Yaw rate and acceleration sensor	• Clearing zero point calibration data • Yaw rate and acceleration sensor zero point calibration	• Brake warning light/yellow (minor malfunction) illumination • Brake warning light/red (malfunction) • ABS warning light illumination • VSC warning display of multi-information display • Master warning light illumination • VSC control is prohibited or operation is incorrect	Perform yaw rate and acceleration sensor zero point calibration with the power switch on (IG).
Front wheel alignment adjustment	• Clearing zero point calibration data • Yaw rate and acceleration sensor zero point calibration	VSC does not operate properly	Perform yaw rate and acceleration sensor zero point calibration with the power switch on (IG).
Steering lock actuator (Steering lock ECU)	ECU code registration	Starting of hybrid system	—
• Certification ECU • Electrical key transmitter	Key ID registration	• Wireless door lock control system • Smart key system • Starting of hybrid system	—
ID code box	• ECU code registration • ECU communication ID registration	• Wireless door lock control system • Smart key system • Starting of hybrid system	—
• Power window regulator motor (Driver door) • Front door window regulator (Driver door)	Perform power window reset (initialization of pulse sensor)	• Automatic door glass open/close function • Jam protection function • Operation function after power switch is turned off • Operation of each passenger window using power window switch at the driver door	Necessary when removed and installed.
Back door lock motor	Reset back door close position	Power back door function	—

• Sliding roof drive gear (Sliding roof ECU) • Sliding roof housing • Sliding roof drive cable	Perform sliding roof drive gear reset	• Automatic open/close function of roof glass • Jam protection function • Operation function after power switch is turned off	Necessary when removed and installed (Not necessary when the sliding roof drive gear (sliding roof ECU) is removed and installed together with the sliding roof housing).