05I6P–01

PROBLEM SYMPTOMS TABLE

1. COMMUNICATION STOP MODE TABLE

(a) Check that there is no open circuit in the CAN main bus line, short between the lines, or short to +B in the "CHECK CAN BUS LINE" (see page 05–2333). Select "Communication Bus Check" on the intelligent tester II (see page 05–2328).

(b) Check the communication stop mode of the ECUs or sensors not displayed among the following: "Engine", "ABS/VSC/TRC", "Steering Angle Sensor", "Yaw Rate/Deceleration Sensor", "EPS", "Body/Gateway", "Hybrid Control" or "HV Battery".

NOTICE:

- **Systems using the CAN communication system differ according to optional settings. Check which ECUs or sensors are installed on the vehicle.**
- **Non–installed ECUs or sensors are not displayed. Be careful not to consider that they are in communication stop mode.**
- **If 2 or more ECUs or sensors are not displayed on the intelligent tester II, perform troubleshooting for communication stop mode for each undisplayed ECU or sensor. (Either side of the CAN bus lines may be open.)**

Symptom	Inspection Item	Customization	See Page
"Hybrid Control" is not displayed on the intelligent tester II.	HYBRID VEHICLE CONTROL ECU COMMUNICATION STOP MODE	Applicable to all vehicles	05–2338
"ABS/VSC/TRC" is not displayed on the intelligent tester II.	SKID CONTROL ECU COMMUNICATION STOP MODE	Applicable to all vehicles	05–2341
"Steering Angle Sensor" is not displayed on the intelligent tester II.	STEERING SENSOR COMMUNICATION STOP MODE	Vehicle with VSC+ (VSC warning lamp is installed in the combination meter)	05–2350
"Yaw rate/Deceleration Sensor" is not displayed on the intelligent tester II.	YAW RATE SENSOR COMMUNICATION STOP MODE	Vehicle with VSC+ (VSC warning lamp is installed in the combination meter)	05–2353
"EPS" is not displayed on the intelligent tester II.	POWER STEERING ECU COMMUNICATION STOP MODE	Applicable to all vehicles	05–2344
"Body/Gateway" is not displayed on the intelligent tester II.	GATEWAY ECU COMMUNICATION STOP MODE	Applicable to all vehicles	05–2347
"Engine" is not displayed on the intelligent tester II.	ECM ECU COMMUNICATION STOP MODE	Applicable to all vehicles	05–2356
"HV Battery" is not displayed on the intelligent tester II.	BATTERY ECU COMMUNICATION STOP MODE	Applicable to all vehicles	05–2359

2. DTC COMBINATION TABLE

(a) Perform troubleshooting according to the combination of DTCs output.

DTC		Trouble Mode							
Output from	Output DTC	HYBRID VIHICLE CONTROL ECU COMMUNICATION STOP MODE	ECM COMMUNICATION STOP MODE	BATTERY ECU COMMUNICATION STOP MODE	SKID CONTROL ECU COMMUNICATION STOP MODE	STEERING SENSOR COMMUNICATION STOP MODE	YAW RATE SENSOR COMMUNICATION STOP MODE	POWER STEERING ECU COMMUNICATION STOP MODE	GATEWAY ECU COMMUNICATION STOP MODE
Hybrid Control ECU	U0100	–	○	×	×	×	×	×	×
	U0111	–	×	○	×	×	×	×	×
	U0129	–	×	×	○	×	×	×	×
	U0146	–	×	×	×	×	×	×	○
	P3108 -594	–	×	×	×	×	×	×	○
ECM	U0293	○	–	×	×	×	×	×	×
Battery ECU	U0100	×	○	–	×	×	×	×	×
	U0293	○	×	–	×	×	×	×	×
Skid Control ECU	U0123	×	×	×	–	×	○	×	×
	U0124	×	×	×	–	×	○	×	×
	U0126	×	×	×	–	○	×	×	×
	U0293	○	×	×	–	×	×	×	×
Power Steering ECU	U0121	×	×	×	○	×	×	–	×

○ Outputs
× Not output
– Undetectable

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NOTICE:

- **If U0146 or P3108–594 is output, check the "MULTIPLEX COMMUNICATION SYSTEM" before proceeding to "GATEWAY ECU COMMUNICATION STOP MODE" (see page 05–2250).**
- **If U0100–211 or U0111–208 is output separately by the hybrid control ECU, refer to "HYBRID CONTROL SYSTEM" (see page 05–634).**

HINT:

- HYBRID VEHICLE CONTROL ECU COMMUNICATION STOP MODE: see page 05–2338.
- ECM COMMUNICATION STOP MODE: see page 05–2356.
- BATTERY ECU COMMUNICATION STOP MODE: see page 05–2359.
- SKID CONTROL ECU COMMUNICATION STOP MODE: see page 05–2341.
- STEERING SENSOR COMMUNICATION STOP MODE: see page 05–2350.
- YAW RATE SENSOR COMMUNICATION STOP MODE: see page 05–2353.
- POWER STEERING ECU COMMUNICATION STOP MODE: see page 05–2344.
- GATEWAY ECU COMMUNICATION STOP MODE: see page 05–2347.