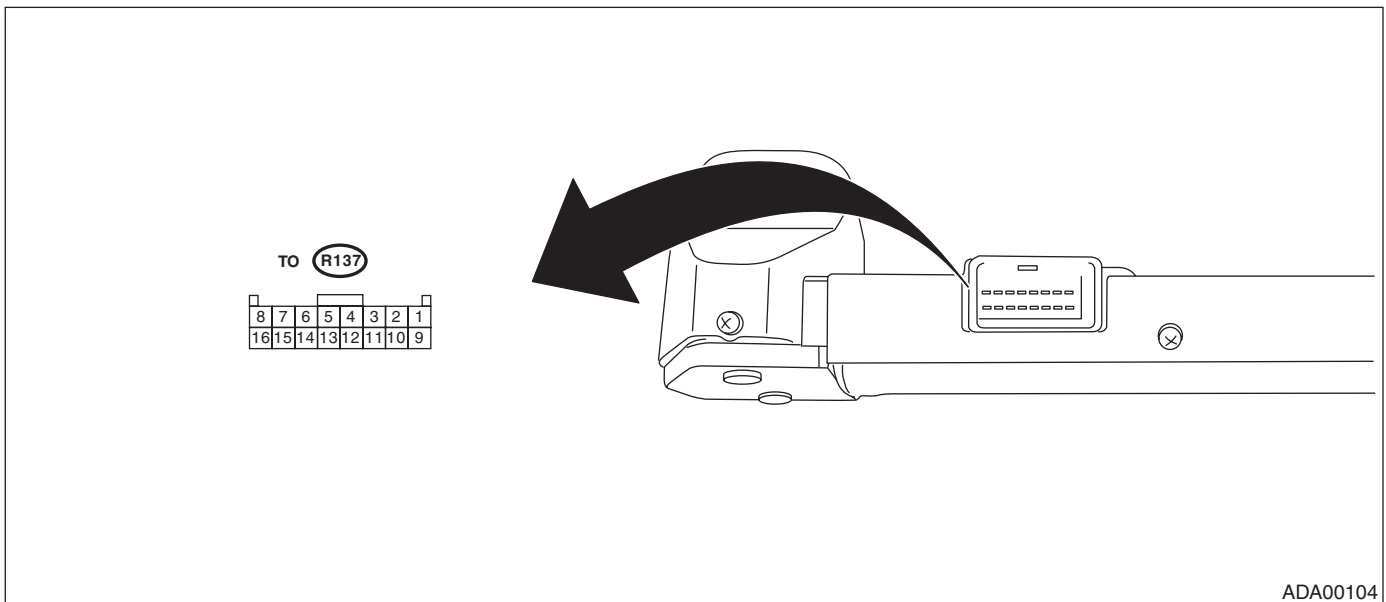


## 5. Control Module I/O Signal

### A: ELECTRICAL SPECIFICATION

#### 1. STEREO CAMERA



ADA00104

Signal name and contents	Terminal No.	Measuring conditions and status		Standard
		Key switch	Operation or condition	
Battery power supply	16	OFF	Always	Power supply voltage
Ignition power supply	6	ON	—	Power supply voltage
Brake light drive output signal	4	ON	{Brake Lamp Lighting Operation} of {System Operation Check Mode} is performed. <Ref. to ES(diag)-43, System Operation Check Mode.>	Approx. 12 V
			—	Approx. 0 V
Pre-collision brake OFF switch	12 — chassis ground	ON	Switch pressed.	Approx. 0 V
			—	Approx. 12 V
Lane departure warning OFF switch	13 — chassis ground	ON	Switch pressed.	Approx. 0 V
			—	Approx. 12 V
CAN-H	10	—	—	—
GND	7 15	ON	—	Approx. 0 V
CAN-L	9	—	—	—

#### 2. ENGINE CONTROL MODULE (ECM)

For details on the input/output signals for the engine control module, refer to ENGINE (DIAGNOSTICS).

#### 3. VDC CONTROL MODULE (VDC CM)

For details on the input/output signals for VDC control module, refer to VDC (DIAGNOSTICS). <Ref. to VDC(diag)-12, ELECTRICAL SPECIFICATION, Control Module I/O Signal.>

#### 4. TRANSMISSION CONTROL MODULE (TCM)

For details on the input/output signals for the transmission control module, refer to AUTOMATIC TRANSMISSION (DIAGNOSTICS). <Ref. to 5AT(diag)-13, Transmission Control Module (TCM) I/O Signal.> <Ref. to CVT(diag)-11, Transmission Control Module (TCM) I/O Signal.>

# Control Module I/O Signal

EyeSight (DIAGNOSTICS)

## 5. PARKING BRAKE CONTROL MODULE (EPB CM)

For details on the input/output signals for the parking brake control module, refer to PARKING BRAKE (DIAGNOSTICS). <Ref. to PB(diag)-12, ELECTRICAL SPECIFICATION, Control Module I/O Signal.>

## 6. BODY INTEGRATED UNIT

Refer to the BODY CONTROL SYSTEM (DIAGNOSTICS) for the I/O Signal of the body integrated unit. <Ref. to BC(diag)-7, ELECTRICAL SPECIFICATION, Control Module I/O Signal.>

## 7. COMBINATION METER

For details on the input/output signals for the combination meter, refer to INSTRUMENTATION/DRIVER INFO. <Ref. to IDI-7, ELECTRICAL SPECIFICATION, Combination Meter System.>

## B: WIRING DIAGRAM

<Ref. to WI-108, WIRING DIAGRAM, Cruise Control System.>

## C: SYSTEM BLOCK DIAGRAM

Main signals used between stereo camera and relevant CM

