

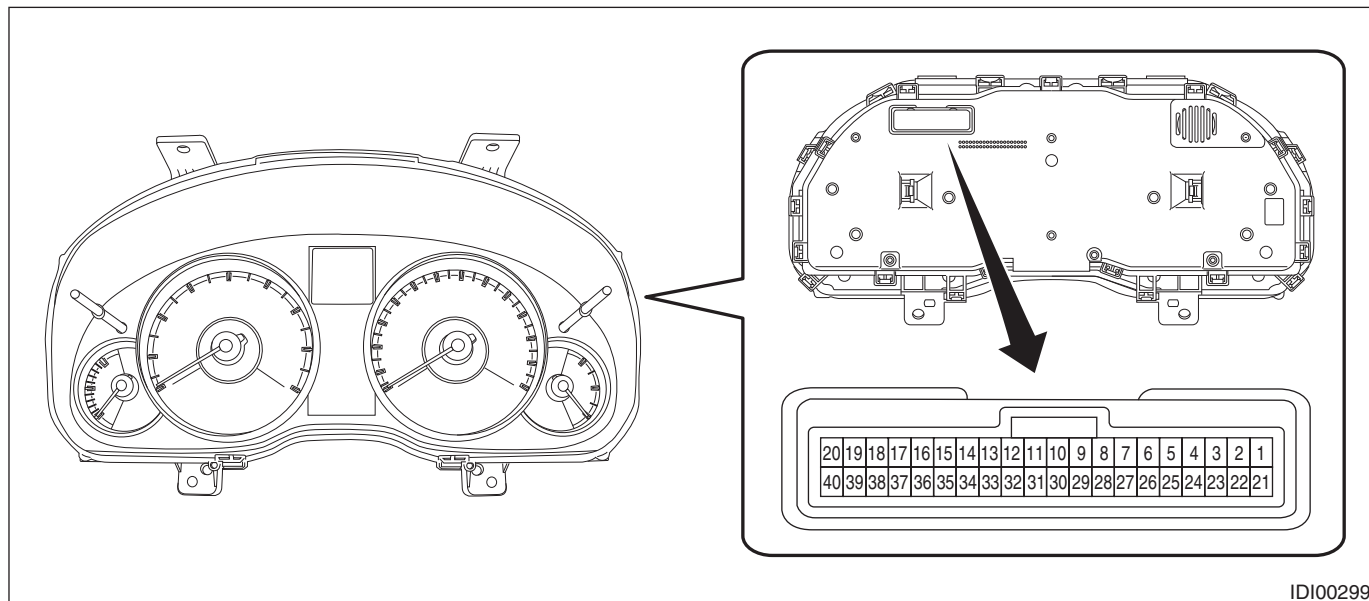
### 3. Combination Meter System

#### A: WIRING DIAGRAM

Refer to “Combination Meter System” in the wiring diagram. <Ref. to WI-81, WIRING DIAGRAM, Combination Meter System.>

#### B: ELECTRICAL SPECIFICATION

##### 1. COMBINATION METER TERMINAL ARRANGEMENT



IDI00299

#### Connector

Terminal No.	Item	Measuring condition	Standard
3 (U-ART com.)	—	Cannot be measured	—
6 ← → Chassis ground	Voltage	Malfunction indicator light off → on	0 V → 10 — 14 V
7 ← → Chassis ground	Voltage	Charge warning light off → on	0 V → 10 — 14 V
8 ← → Chassis ground	Voltage	Oil pressure warning light off → on	0 V → 10 — 14 V
10 ← → Chassis ground	Voltage	LH turn indicator off → on	0 V → 10 — 14 V
11 ← → Chassis ground	Voltage	RH turn indicator off → on	0 V → 10 — 14 V
12 ← → Chassis ground	Voltage	Airbag warning light on → off	10 — 14 V → 0 V
14 ← → Chassis ground	Voltage	Auto headlight beam leveler warning light off → on	0 V → 10 — 14 V
15 ← → Chassis ground	Voltage	Security/immobilizer indicator light off → on	0 V → 10 — 14 V
19 (IG) ← → Chassis ground	Voltage	IG OFF → ON	0 V → 10 — 14 V
20 (+B) ← → Chassis ground	Voltage	Always	10 — 14 V
24 ← → Chassis ground	Voltage	Brake fluid/parking brake warning light off → on	0 V → 10 — 14 V
29 ← → Chassis ground	Waveform	Speedometer	Pulse generation
30 ← → Chassis ground	Waveform	Tachometer	Pulse generation
32 (CAN-) ← → Chassis ground	—	Cannot be measured	—
33 (CAN+) ← → Chassis ground	—	Cannot be measured	—
35 ← → Chassis ground	—	Cannot be measured	—
36 ← → Chassis ground	Voltage	Ambient sensor	0 V → 0.1 — 5 V
37 ← → Chassis ground	Resistance	Always	Less than 1 Ω
38 ← → Chassis ground	Resistance	Always	Less than 1 Ω
39 (GND) ← → Chassis ground	Resistance	Always	Less than 1 Ω

# Combination Meter System

## INSTRUMENTATION/DRIVER INFO

### C: OPERATION

#### 1. SELF-DIAGNOSIS DISPLAY MODE

The self-diagnosis (checking of each meter, warning light, indicator light, illumination, LCD) of combination meter can be performed in the following procedure.

##### CAUTION:

**Perform the steps described in 1) through 4) within 10 seconds.**

- 1) Within 3 seconds after turning the ignition switch to ON, set the lighting switch to tail light or headlight position.
- 2) Press the trip meter knob three times.
- 3) Turn the lighting switch to OFF, and press the trip meter knob three times.
- 4) Set the lighting switch to tail light or headlight position again, and press the trip meter knob three times.

##### NOTE:

- When pressing the trip meter knob four times, the display changes to DTC display mode. <Ref. to IDI-8, DTC DISPLAY MODE, OPERATION, Combination Meter System.>
- When pressing the trip meter knob five times, the display changes to dealer customize mode. <Ref. to IDI-9, DEALER CUSTOMIZE MODE, OPERATION, Combination Meter System.>
- When the self-diagnosis function operates, the warning light, indicator light, and LCD display checks are performed. After this, the buzzer will sound for 0.5 seconds every time the trip meter knob is pressed, and operation checks are performed in the order of meter indicator needle operation, meter indicator needle indication, and LCD. Turn the ignition switch to OFF to cancel the self-diagnosis function.
- When the engine starts during diagnosis, the self-diagnosis function is not cancelled, however, once the vehicle starts driving, the self-diagnosis function is deactivated automatically.

- 5) Move on to the “Meter Indicator Needle Operation Check”.

Check meter operation, warning light, indicator light, illumination and LCD.

Meter indicator needle	LCD display, illumination	Warning lights, indicator lights
MIN indication ↓ MAX indication	ILL1 (Min. brightness) ↓(Display for one second for each level) ILL6 (Max. brightness)	Light ON The engine coolant temperature warning light illuminates in red.
MAX indication ↓ MIN indication	ILL6 (Max. brightness) ↓(Display for one second for each level) ILL1 (Min. brightness)	

- 6) Press the trip meter knob once.

- 7) Move on to the “Meter Indicator Needle Indication Check”.

Check meter operation, warning light, indicator light, and LCD.

##### NOTE:

- The meter indicator needle will switch every 1.5 seconds.
- The ILL illumination level will be at the brightness it was set to when switching to the “Meter Indicator Needle Indication Check”.
- During operation, “\_S\_2” is displayed on the LCD trip display.

Speedometer (km/h)	Tachometer (rpm)	Fuel gauge	ECO gauge	Low fuel warning light	Warning lights, indicator lights
0	0	Lowest point	Lowest point	Light ON	Light OFF The engine coolant temperature indicator light illuminates in blue.
0	0	E	–Max	Light ON	
40	1000	1/2	0	Light OFF	
100	4000	F	+Max	Light OFF	
40	1000	1/2	0	Light OFF	
0	0	E	–Max	Light ON	

- 8) Press the trip meter knob once.





























# Combination Meter System

INSTRUMENTATION/DRIVER INFO

9) Move on to the “LCD Display Check”.  
Check the LCD display.

## NOTE:

- All warning lights and indicator lights turn off.
- The meter indicator needle maintains its position in the “Meter Indicator Needle Indication Check”.
- The ILL illumination level is lit at ILL6 (highest brightness).
- After No. 14 is displayed in the illumination order, display is repeated from No. 1 again.

ORDER	AT/SS	CRUISE/SET	TRIP/UNIT/ODO/ S/I/S#	DOOR/ REAR GATE/ TRUNK OPEN
1	 	CRUISE SET	<div><div>A B</div>8 8 8 . 8 8 8 8 8 8 8 [S] [I] S#</div>	
2		OFF	<div>1 1 1 . 1 1 1 1 1 1 1</div>	OFF
3	 	CRUISE	<div>A2 2 2 . 2 2 2 2 2 2 2 [S]</div>	
4		OFF	<div>3 3 3 . 3 3 3 3 3 3 3</div>	OFF
5	 	SET	<div>B4 4 4 . 4 4 4 4 4 4 4 [I]</div>	
6		OFF	<div>5 5 5 . 5 5 5 5 5 5 5</div>	OFF
7	 	CRUISE	<div>A6 6 6 . 6 6 6 6 6 6 6 S#</div>	
8		OFF	<div>7 7 7 . 7 7 7 7 7 7 7</div>	OFF
9	 	SET	<div>B8 8 8 . 8 8 8 8 8 8 8 [S]</div>	
10		OFF	<div>9 9 9 . 9 9 9 9 9 9 9</div>	OFF
11	 	CRUISE	<div>A0 0 0 . 0 0 0 0 0 0 0 [I]</div>	
12		OFF	<div>8 8 8 . 8 8 8 8 8 8 8</div>	OFF
13	 	SET	<div>B8 8 8 . 8 8 8 8 8 8 8 S#</div>	
14		OFF	<div>8 8 8 . 8 8 8 8 8 8 8</div>	OFF

IDI00316

# Combination Meter System

## INSTRUMENTATION/DRIVER INFO

### 2. DTC DISPLAY MODE

The combination meter DTC can be displayed according to the following procedure.

#### CAUTION:

**Perform the steps described in 1) through 4) within 10 seconds.**

- 1) Within 3 seconds after turning the ignition switch to ON, set the lighting switch to tail light or headlight position.
- 2) Press the trip meter knob four times.
- 3) Turn the lighting switch to OFF, and press the trip meter knob four times.
- 4) Set the lighting switch to tail light or headlight position again, and press the trip meter knob four times.
- 5) Move on to the "DTC display mode".

#### NOTE:

- If a diagnostic trouble code (DTC) is detected, an input error to meters exists. Check the harness on the body side and related parts.
- Detected diagnostic trouble code (DTC) cannot be cleared.
- When the engine starts during diagnosis, the self-diagnosis function is not cancelled, however, once ignition switch is turned OFF or the vehicle is driven, the DTC display mode is cancelled automatically.
  - (1) When the DTC display mode operates, the LCD displays whether diagnostic trouble code (DTC) exists.

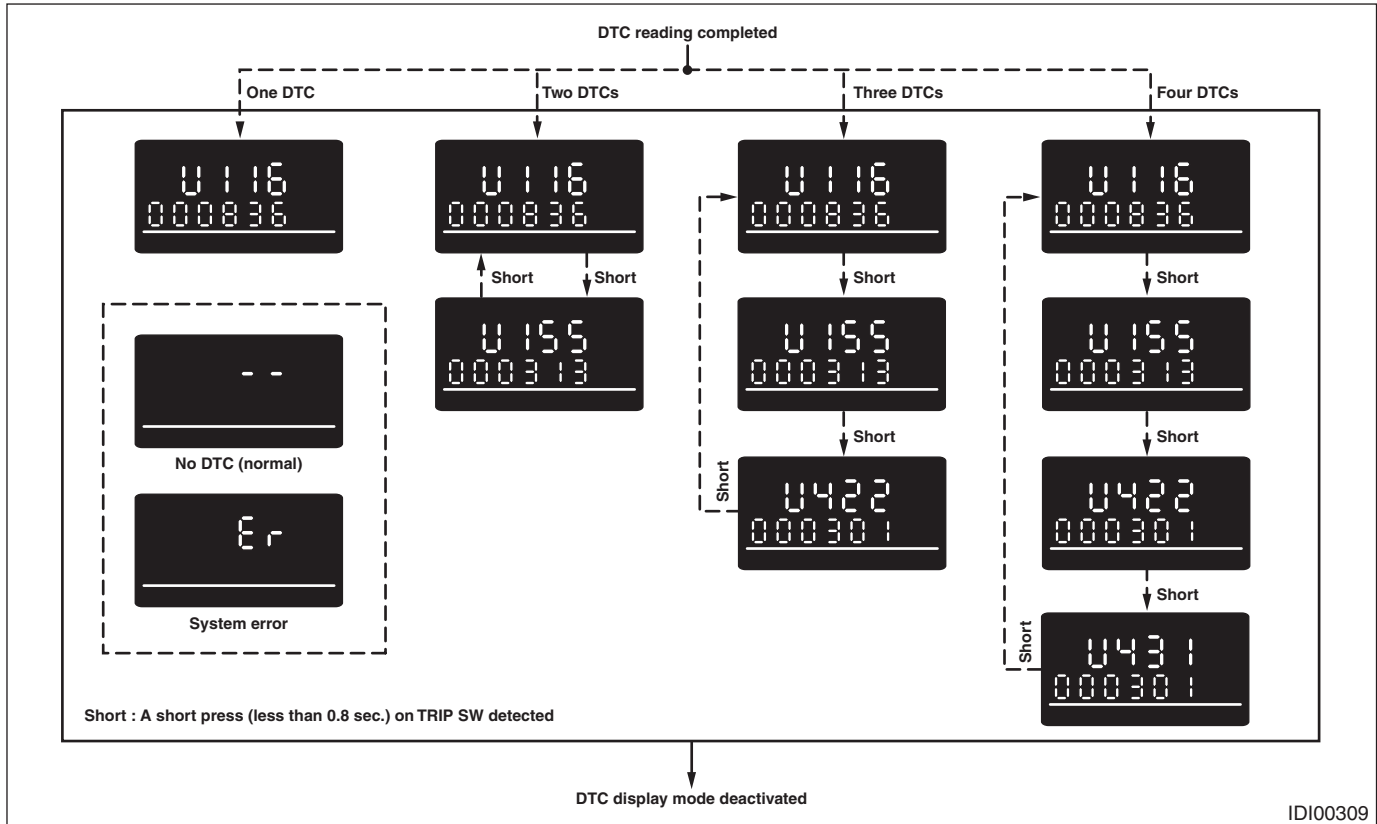
DTC display	Item	Condition
"--"	-	Normal
"Er"	-	System error (meter error)
B900	Power supply system	When IG OFF is detected while driving
B901	Speedometer	Abnormal speed pulse value and CAN data value with engine ON
B902	Speedometer	Inconsistency between speed pulse value and CAN data value with engine ON
U116	Tachometer	Abnormal input data with engine ON
U140	Fuel meter	Abnormal input data with engine ON
U155	CAN communication	CAN communication error
U167	Immobilizer collation	Collation with body integrated unit failed
U422	Fuel meter	Abnormal input data with IG ON
U431	Fuel meter	When input data out of range is detected with engine ON

- (2) If the diagnostic trouble code (DTC) is stored, ODO value at occurrence of trouble is displayed.

#### NOTE:

- Diagnostic trouble code (DTC) is stored for up to four cases. If diagnostic trouble code (DTC) is input exceeding four cases, the code is deleted in order starting with the oldest one.
- When there are more than one diagnostic trouble code (DTC), the code is displayed according to the following conditions and switches every time when the trip meter knob is pressed.
  1. Displayed in the descending order of ODO value.

2. If the ODO value is the same, displayed in the ascending order of diagnostic trouble code (DTC) value.



## 3. DEALER CUSTOMIZE MODE

The combination meter can be customized with dealer customize according to the following procedure.

### CAUTION:

**Perform the steps described in 1) through 4) within 10 seconds.**

- 1) Within 3 seconds after turning the ignition switch to ON, set the lighting switch to tail light or headlight position.
- 2) Press the trip meter knob five times.
- 3) Turn the lighting switch to OFF, and press the trip meter knob five times.
- 4) Set the lighting switch to tail light or headlight position again, and press the trip meter knob five times.
- 5) Move on to the "DEALER CUSTOMIZE MODE".
  - When the dealer customize mode operates, the LCD displays each adjustment screen.
  - The dealer customize mode consists of three setting screens. {Avg.F/E Correction Screen}, {Ambient Temp. Correction Screen} and {Clock Adjust. Screen} is displayed cyclically in this order every time the trip meter knob is tapped.
  - Holding down the trip meter knob while each setting screen is displayed can change the setting value.

### NOTE:

When ignition switch is turned OFF or the vehicle is driven, the customize mode is cancelled automatically.

No.	Customize mode	Initial value	Correction range
1	Avg.F/E Correction Screen	±0%	±10%
2	Ambient Temp. Correction Screen	±0°C (°F)	±3°C (°F)
3	Clock Adjust. Screen	on	on or off

# Combination Meter System

## INSTRUMENTATION/DRIVER INFO

### D: INSPECTION

#### 1. SYMPTOM CHART

##### CAUTION:

When measuring the voltage and resistance of each control module or sensor, use a tapered pin with a diameter of less than 0.64 mm (0.03 in) in order to avoid poor contact. Do not insert the pin more than 2 mm (0.08 in).

Symptoms	Repair order	Note
Combination meter assembly does not operate.	1. Power supply 2. Ground circuit 3. Combination meter	<Ref. to IDI-10, CHECK POWER SUPPLY AND GROUND CIRCUIT, INSPECTION, Combination Meter System.>
Speedometer does not operate.	1. VDC C/M 2. Harness 3. Combination meter	<Ref. to IDI-11, CHECK VDC CONTROL MODULE, INSPECTION, Combination Meter System.>
Tachometer does not operate.	1. ECM 2. Harness 3. Combination meter	<Ref. to IDI-11, CHECK ENGINE CONTROL MODULE (ECM), INSPECTION, Combination Meter System.>
Fuel gauge does not operate.	1. Communication circuit 2. Harness 3. Body integrated unit 4. Fuel level sensor 5. Combination meter	<Ref. to IDI-12, CHECK FUEL LEVEL SENSOR, INSPECTION, Combination Meter System.>
ECO gauge does not operate.	1. Communication circuit 2. Combination meter	<Ref. to IDI-14, CHECK ECO GAUGE, INSPECTION, Combination Meter System.>  NOTE: The ECO gauge does not operate unless the vehicle is driven at least 1 km after the trip meter is reset.
Warning buzzer for key left in ignition does not beep.	1. Communication circuit 2. Combination meter	<Ref. to IDI-14, CHECK WARNING BUZZER FOR KEY LEFT IN IGNITION., INSPECTION, Combination Meter System.>

#### 2. CHECK POWER SUPPLY AND GROUND CIRCUIT

Step	Check	Yes	No
<b>1</b> <b>CHECK POWER SUPPLY FOR COMBINATION METER.</b> 1) Remove the combination meter. 2) Measure the voltage between combination meter connector and chassis ground. <b>Connector &amp; terminal</b> <b>(i10) No. 20 (+) — Chassis ground (-):</b>	Is the voltage 10 V or more?	Go to step 2.	Check the harness for open or short between the fuse and combination meter.
<b>2</b> <b>CHECK POWER SUPPLY FOR COMBINATION METER.</b> 1) Turn the ignition switch to ON. 2) Measure the voltage between combination meter connector and chassis ground. <b>Connector &amp; terminal</b> <b>(i10) No. 19 (+) — Chassis ground (-):</b>	Is the voltage 10 V or more?	Go to step 3.	Check the harness for open or short between the ignition switch and combination meter.
<b>3</b> <b>CHECK GROUND CIRCUIT OF COMBINATION METER.</b> 1) Turn the ignition switch to OFF. 2) Measure the resistance between combination meter connector and chassis ground. <b>Connector &amp; terminal</b> <b>(i10) No. 39 — Chassis ground:</b>	Is the resistance less than 10 $\Omega$ ?	Replace the meter case assembly.	Repair or replace the harness.

## 3. CHECK VDC CONTROL MODULE

Step	Check	Yes	No
<b>1 CHECK VEHICLE SPEED SIGNAL.</b> 1) Remove the combination meter mounting screws. 2) Lift up the vehicle and support it with rigid racks. 3) Drive the vehicle faster than 10 km/h (6 MPH). <b>WARNING:</b> <b>Be careful not to get caught in the running wheels.</b> 4) Measure the voltage between combination meter connector and chassis ground. <b>Connector &amp; terminal</b> <b>(i10) No. 29 (+) — Chassis ground (-):</b>	Is the voltage less than 1 V $\longleftrightarrow$ 5 V or more?	Replace the meter case assembly.	Go to step 2.
<b>2 CHECK HARNESS BETWEEN VDC CONTROL MODULE AND COMBINATION METER.</b> 1) Turn the ignition switch to OFF. 2) Disconnect the VDC control module connector and combination meter connector. 3) Measure the resistance between the VDC control module connector and the combination meter connector. <b>Connector &amp; terminal</b> <b>(B310) No. 11 — (i10) No. 29:</b>	Is the resistance less than 10 $\Omega$ ?	Check the VDC control module. <Ref. to VDC(diag)-2, Basic Diagnostic Procedure.>	Repair or replace the harness.

## 4. CHECK ENGINE CONTROL MODULE (ECM)

Step	Check	Yes	No
<b>1 CHECK ECM SIGNAL.</b> 1) Start the engine. 2) Measure the voltage between ECM connector and chassis ground. <b>Connector &amp; terminal</b> <b>(B135) No. 15 (+) — Chassis ground (-):</b>	Is the voltage 0 $\longleftrightarrow$ 14 V or more?	Go to step 2.	Inspect the ECM. • H4 NA model:<Ref. to EN(H4SO)(diag)-2, Basic Diagnostic Procedure.> • H4 turbo model:<Ref. to EN(H4DOTC)(diag)-2, Basic Diagnostic Procedure.> • H6 model:<Ref. to EN(H6DO)(diag)-2, Basic Diagnostic Procedure.>
<b>2 CHECK HARNESS BETWEEN COMBINATION METER AND ECM.</b> 1) Turn the ignition switch to OFF. 2) Disconnect the ECM connector and combination meter connector. 3) Measure the resistance between the ECM connector and the combination meter connector. <b>Connector &amp; terminal</b> <b>(B135) No. 15 — (i10) No. 30:</b>	Is the resistance less than 10 $\Omega$ ?	Replace the meter case assembly.	Repair or replace the harness.

# Combination Meter System

## INSTRUMENTATION/DRIVER INFO

### 5. CHECK FUEL LEVEL SENSOR

Step	Check	Yes	No
<b>1 CHECK COMBINATION METER.</b> 1) Drain fuel. 2) Check the fuel indication status in the combination meter.	Does the fuel gauge needle indicate EMPTY and is the low fuel warning light blinking?	Go to step 4.	Go to step 2.
<b>2 CHECK COMBINATION METER.</b> Perform the self-diagnosis of combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Is operation normal?	Go to step 3.	Replace the meter case assembly. <Ref. to IDI-20, Combination Meter.>
<b>3 CHECK DIAGNOSTIC TROUBLE CODE (DTC).</b> 1) Prepare the Subaru Select Monitor kit. 2) Turn the ignition switch to ON (engine OFF) and run the "PC application for Subaru Select Monitor". 3) On «System Selection Menu» display, select {Integ. unit mode}. 4) Select the {Diagnostic Code(s) Display}.	Is a DTC detected?	Perform the diagnosis according to DTC. <Ref. to LAN(diag)-31, LIST, List of Diagnostic Trouble Code (DTC).>	Go to step 4.
<b>4 CHECK HARNESS.</b> 1) Disconnect the connector of body integrated unit. 2) Measure the resistance between body integrated unit connector and chassis ground. <b>Connector &amp; terminal</b> <b>(i84) No. 17 — Chassis ground:</b>	Is the resistance 2 — 96 Ω?	Go to step 5. Go to step 9. (If the step 1 is "Yes")	Repair or replace the harness.
<b>5 CHECK COMMUNICATION BETWEEN BODY INTEGRATED UNIT AND COMBINATION METERS.</b> 1) Remove the fuel sub level sensor. • H4 NA model: <Ref. to FU(H4SO)-62, REMOVAL, Fuel Sub Level Sensor.> • H4 turbo model: <Ref. to FU(H4DOTC)-82, REMOVAL, Fuel Sub Level Sensor.> • H6 model: <Ref. to FU(H6DO)-71, REMOVAL, Fuel Sub Level Sensor.> 2) Attach the approx. 100 Ω resistance to the fuel sub level sensor connector terminal, and short circuit to the chassis ground. 3) Turn the ignition switch to ON. <b>Connector &amp; terminal</b> <b>(R59) No. 1 — Chassis ground:</b>	Does the meter needle indicate EMPTY?	Go to step 7.	Go to step 6.
<b>6 CHECK BODY INTEGRATED UNIT.</b> 1) Retain the condition in step 5. 2) Select the {Fuel level resistance} from the {Integ. unit mode} using the Subaru Select Monitor.	Is approx. 100 Ω displayed in the data?	Go to step 11.	Replace the body integrated unit. <Ref. to SL-72, REMOVAL, Body Integrated Unit.>



# Combination Meter System

INSTRUMENTATION/DRIVER INFO

Step	Check	Yes	No
<b>7</b> <b>CHECK COMMUNICATION BETWEEN BODY INTEGRATED UNIT AND COMBINATION METERS.</b> 1) Remove the fuel sub level sensor. • H4 NA model:<Ref. to FU(H4SO)-62, REMOVAL, Fuel Sub Level Sensor.> • H4 turbo model:<Ref. to FU(H4DOTC)-82, REMOVAL, Fuel Sub Level Sensor.> • H6 model:<Ref. to FU(H6DO)-71, REMOVAL, Fuel Sub Level Sensor.> 2) Attach the approx. 2 — 6 $\Omega$ resistance to the fuel sub level sensor connector terminal, and short circuit to the chassis ground. 3) Turn the ignition switch to ON. <b>Connector &amp; terminal</b> <b>(R59) No. 1 — Chassis ground:</b>	Does the meter needle indicate FULL?	Go to step 9.	Go to step 8.
<b>8</b> <b>CHECK BODY INTEGRATED UNIT.</b> 1) Retain the condition in step 7. 2) Select the {Fuel level resistance} from the {Integ. unit mode} using the Subaru Select Monitor.	Is the resistance 2 to 6 $\Omega$ ?	Go to step 11.	Replace the body integrated unit. <Ref. to SL-72, REMOVAL, Body Integrated Unit.>
<b>9</b> <b>CHECK FUEL SUB LEVEL SENSOR.</b> 1) Remove the fuel sub level sensor. • H4 NA model:<Ref. to FU(H4SO)-62, REMOVAL, Fuel Sub Level Sensor.> • H4 turbo model:<Ref. to FU(H4DOTC)-82, REMOVAL, Fuel Sub Level Sensor.> • H6 model:<Ref. to FU(H6DO)-71, REMOVAL, Fuel Sub Level Sensor.> 2) Measure the resistance between the fuel sub level sensor connectors when the float is in FULL and EMPTY position. <b>Connector &amp; terminal</b> <b>(R59) No. 1 — No. 2:</b>	Is the resistance 1.0 to 3.0 $\Omega$ (FULL) and 61 to 63 $\Omega$ (EMPTY)?	Go to step 10.	Replace the fuel sub level sensor.
<b>10</b> <b>CHECK FUEL LEVEL SENSOR.</b> 1) Remove the fuel level sensor. • H4 NA model:<Ref. to FU(H4SO)-60, REMOVAL, Fuel Level Sensor.> • H4 turbo model:<Ref. to FU(H4DOTC)-80, REMOVAL, Fuel Level Sensor.> • H6 model:<Ref. to FU(H6DO)-69, REMOVAL, Fuel Level Sensor.> 2) Measure the resistance between the fuel level sensor connectors when the float is in FULL and EMPTY position. <b>Connector &amp; terminal</b> <b>(R58) No. 1 — No. 4:</b>	Is the resistance 1.0 to 3.0 $\Omega$ (FULL) and 31 to 33 $\Omega$ (EMPTY)?	Check the connection status of the harness and connector that may have a temporary poor contact.	Replace the fuel level sensor.
<b>11</b> <b>CHECK COMBINATION METER OPERATION.</b> 1) Remove the combination meter. 2) Attach the combination meter to another vehicle on which the fuel gauge operates normally to check its operation.	Is the fuel gauge normal?	Replace the body integrated unit. <Ref. to SL-72, REMOVAL, Body Integrated Unit.>	Replace the meter case assembly.

# Combination Meter System

## INSTRUMENTATION/DRIVER INFO

### 6. CHECK ECO GAUGE

Step	Check	Yes	No
<b>1 CHECK DIAGNOSTIC TROUBLE CODE (DTC).</b> 1) Prepare the Subaru Select Monitor kit. 2) Turn the ignition switch to ON (engine OFF) and run the "PC application for Subaru Select Monitor". 3) On «System Selection Menu» display, select {Integ. unit mode}. 4) Select the {Diagnostic Code(s) Display}.	Is a DTC of high-speed CAN detected?	Perform the diagnosis according to DTC. <Ref. to LAN(diag)-31, LIST, List of Diagnostic Trouble Code (DTC).>	Go to step 2.
<b>2 CHECK ECO GAUGE.</b> Perform the self-diagnosis of combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Does ECO gauge operate properly?	Check the connection status of the harness and connector that may have a temporary poor contact.	Replace the meter case assembly. <Ref. to IDI-20, Combination Meter.>

### 7. CHECK WARNING BUZZER FOR KEY LEFT IN IGNITION.

Step	Check	Yes	No
<b>1 CHECK WARNING BUZZER FOR KEY LEFT IN IGNITION.</b> 1) Insert the key into the ignition key lock. 2) Open the driver's side door.	Does the buzzer from the meter sound?	Normal operation.	Go to step 2.
<b>2 CHECK COMMUNICATION STATUS.</b> 1) Prepare the Subaru Select Monitor. 2) On «System Selection Menu» display, select {Integ. unit mode}. 3) Select the {key-lock warning SW} from {Current Data Display & Save}. 4) Insert and remove the key.	Does display switch between ON ⇔ OFF?	Go to step 3.	Check the ignition switch circuit. <Ref. to SL-60, INSPECTION, Ignition Key Lock.>
<b>3 CHECK COMMUNICATION STATUS.</b> 1) Select the {Driver's door SW input} from {Current Data Display & Save}. 2) Open and close the door.	Does display switch between ON ⇔ OFF?	Go to step 4.	Check the door switch circuit. <Ref. to SL-11, CHECK DOOR LOCK SWITCH, INSPECTION, Door Lock Control System.>
<b>4 CHECK COMMUNICATION STATUS.</b> 1) Turn the ignition switch to ON (engine OFF) and run the "PC application help for Subaru Select Monitor". 2) On «System Selection Menu» display, select {Integ. unit mode}. 3) Select the {Diagnostic Code(s) Display}.	Is a DTC detected?	Perform the diagnosis according to DTC. <Ref. to LAN(diag)-31, LIST, List of Diagnostic Trouble Code (DTC).>	Go to step 5.
<b>5 CHECK COMBINATION METER.</b> The self-diagnosis of combination meter is performed. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Did the buzzer sound?	Go to step 6.	Replace the meter case assembly.
<b>6 CHECK COMBINATION METER.</b> 1) Remove the combination meter. 2) Install the combination meter to another vehicle with a normally operating buzzer and check buzzer operation.	Did the buzzer sound?	Replace the body integrated unit. <Ref. to SL-72, REMOVAL, Body Integrated Unit.>	Replace the meter case assembly.

## **E: NOTE**

For operation procedures of each component of the combination meter system, refer to the respective section.

- Combination meter:<Ref. to IDI-20, Combination Meter.>
- Speedometer:<Ref. to IDI-26, Speedometer.>
- Tachometer:<Ref. to IDI-27, Tachometer.>
- Fuel gauge:<Ref. to IDI-28, Fuel Gauge.>
- ECO gauge:<Ref. to IDI-29, ECO Gauge.>