

BODY SECTION

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU vehicles.

This manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and diagnostics for guidance of experienced mechanics.

Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicle in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

All information, illustration and specifications contained in this manual are based on the latest product information available at the time of publication approval.

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)	AC
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AIRBAG SYSTEM (DIAGNOSTICS)	AB(diag)
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BODY SECTION

CRUISE CONTROL SYSTEM

CC

**CRUISE CONTROL SYSTEM
(DIAGNOSTICS)**

CC(diag)

IMMOBILIZER (DIAGNOSTICS)

IM(diag)

SECURITY AND LOCKS

SL

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General Description

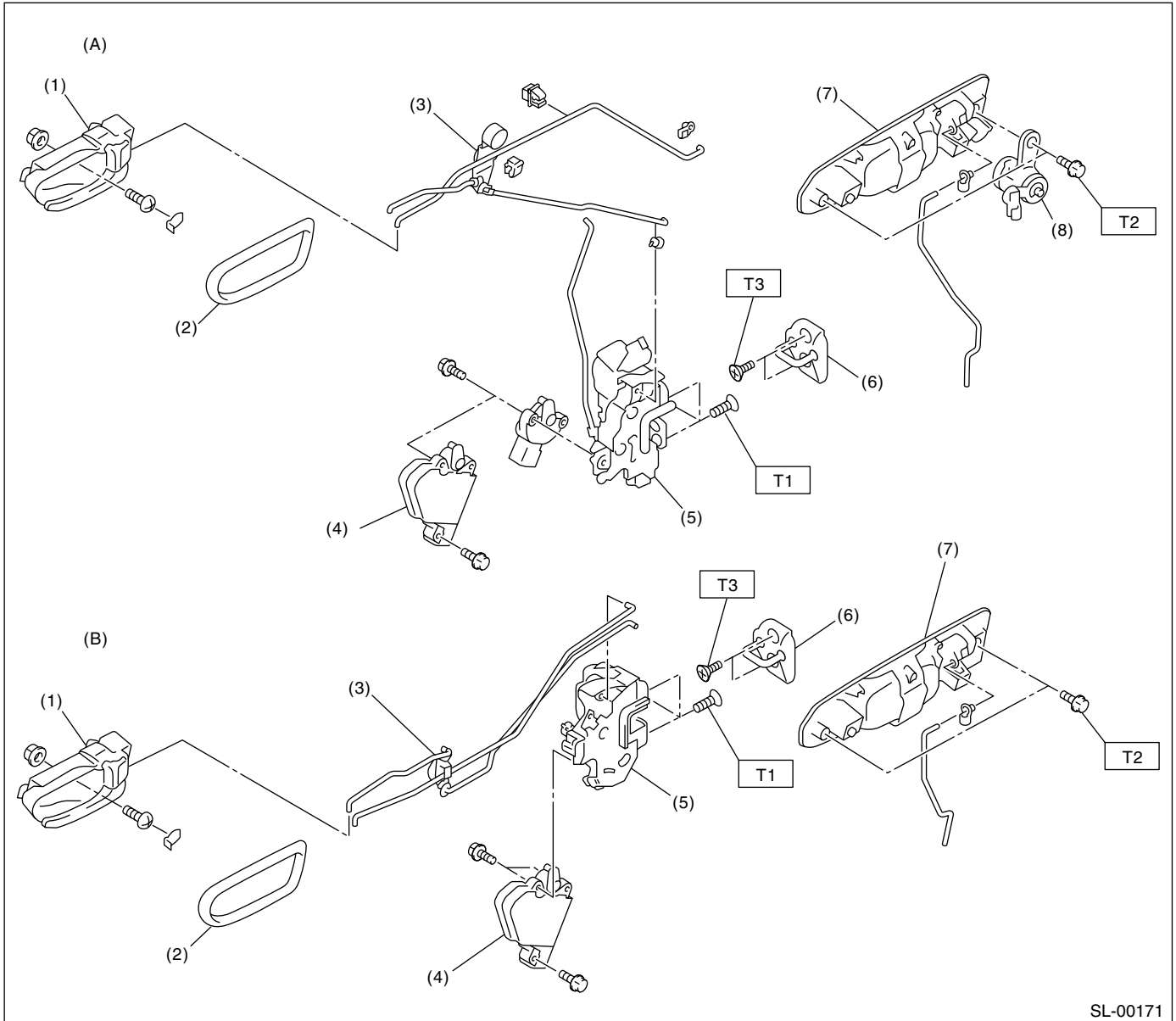
SECURITY AND LOCKS

1. General Description

A: COMPONENT

1. DOOR LOCK ASSEMBLY

- Without double lock



(A) Front

(B) Rear

- (1) Inner remote ASSY
- (2) Inner remote cover
- (3) Bell crank
- (4) Auto-door lock actuator

- (5) Door latch
- (6) Striker
- (7) Door outer handle
- (8) Key cylinder

Tightening torque: N·m (kgf·m, ft·lb)

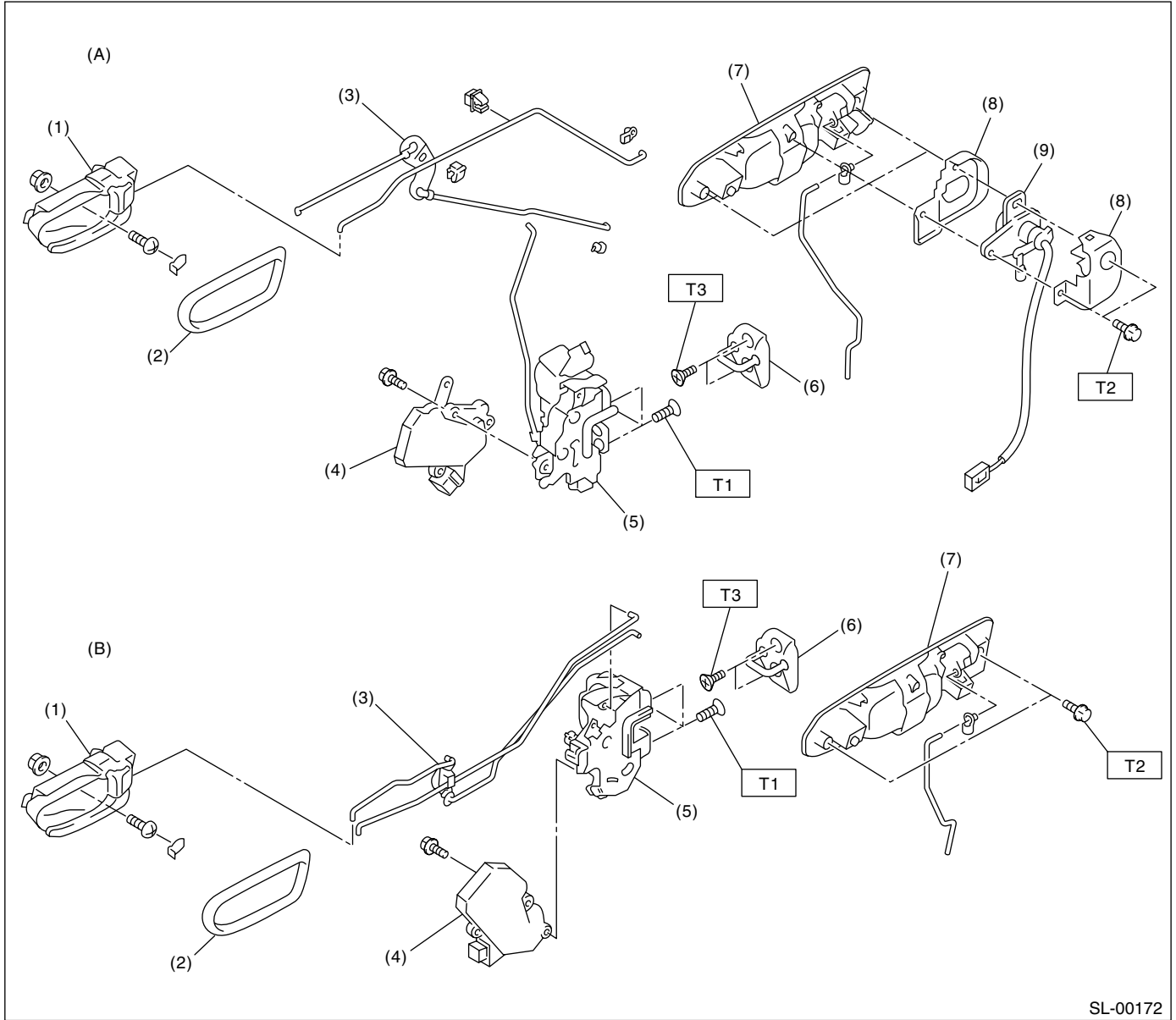
T1: 6.4 (0.65, 4.7)

T2: 7.4 (0.75, 5.5)

T3: 17.6 (1.8, 13.0)

General Description

• With double lock



SL-00172

(A) Front

(B) Rear

- | | |
|-----------------------------|---------------------------|
| (1) Inner remote ASSY | (6) Striker |
| (2) Inner remote cover | (7) Door outer handle |
| (3) Bell crank | (8) Outer handle cover |
| (4) Auto-door lock actuator | (9) Key cylinder (switch) |
| (5) Door latch | |

Tightening torque: N·m (kgf·m, ft·lb)

T1: 6.4 (0.65, 4.7)

T2: 7.4 (0.75, 5.5)

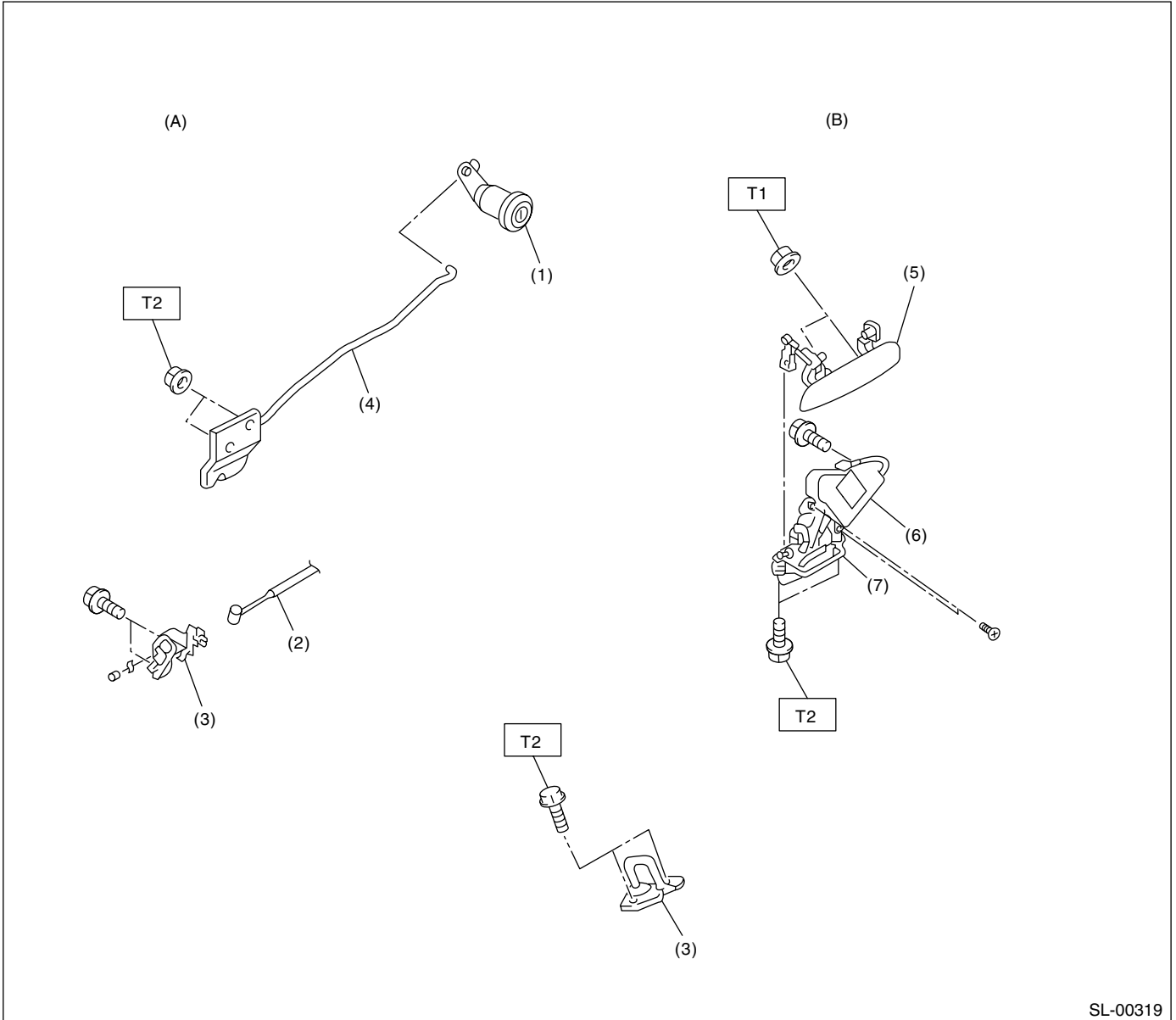
T3: 17.6 (1.8, 13.0)

General Description

SECURITY AND LOCKS

2. TRUNK LID AND REAR GATE LOCK

• Without double lock



(A) Trunk

(B) Rear gate

- (1) Key cylinder
- (2) Cable
- (3) Striker
- (4) Trunk lid lock ASSY

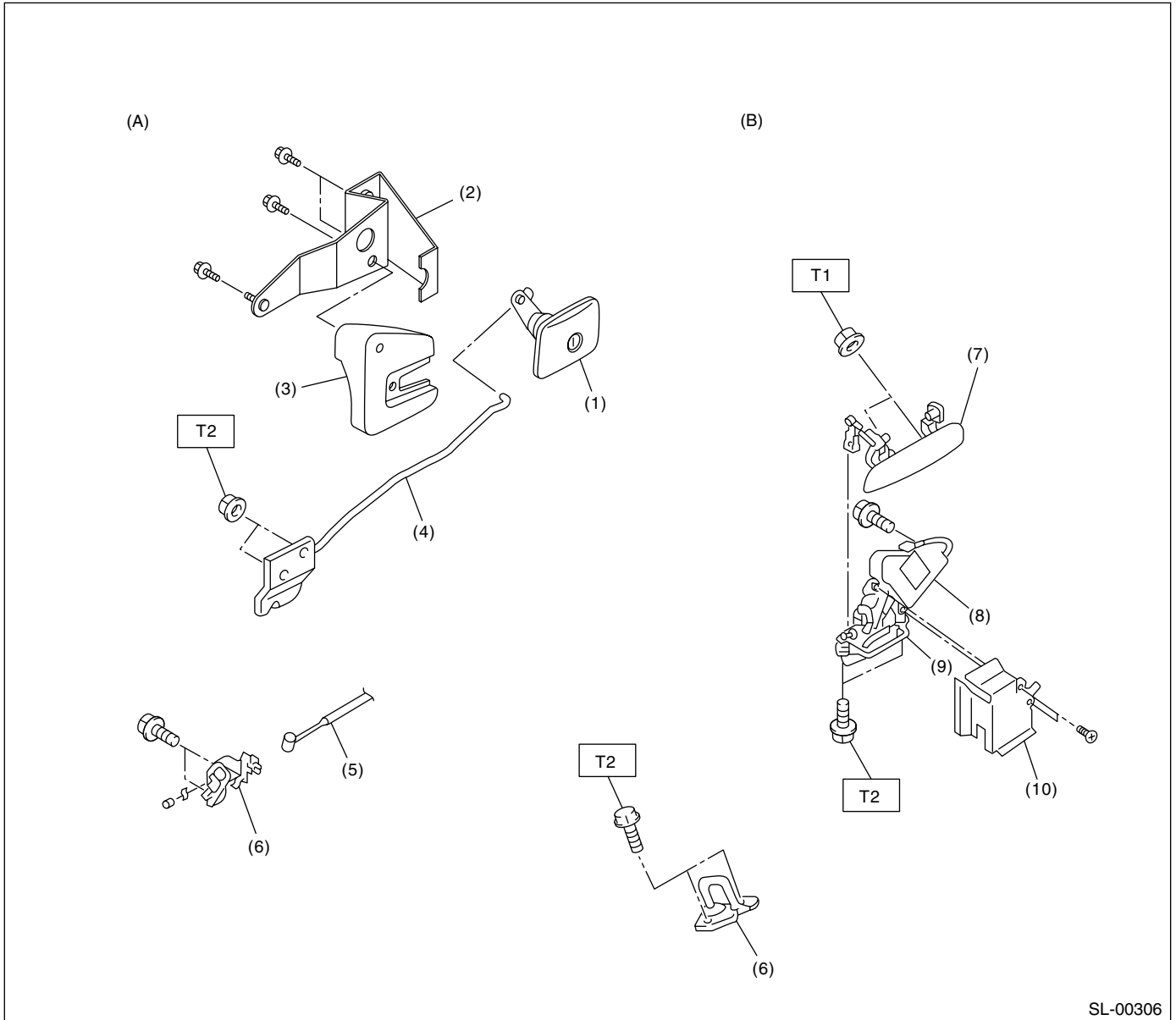
- (5) Rear gate outer handle
- (6) Rear gate actuator
- (7) Rear gate latch

Tightening torque: N·m (kgf·m, ft·lb)

T1: 4.5 (0.45, 3.3)

T2: 25 (2.5, 18.4)

• With double lock



SL-00306

(A) Trunk

(B) Rear gate

- (1) Key cylinder
- (2) Bracket
- (3) Key cylinder stopper
- (4) Trunk lid lock ASSY
- (5) Cable

- (6) Striker
- (7) Rear gate outer handle
- (8) Rear gate actuator
- (9) Rear gate latch
- (10) Rear gate latch cover

Tightening torque: N·m (kgf·m, ft·lb)

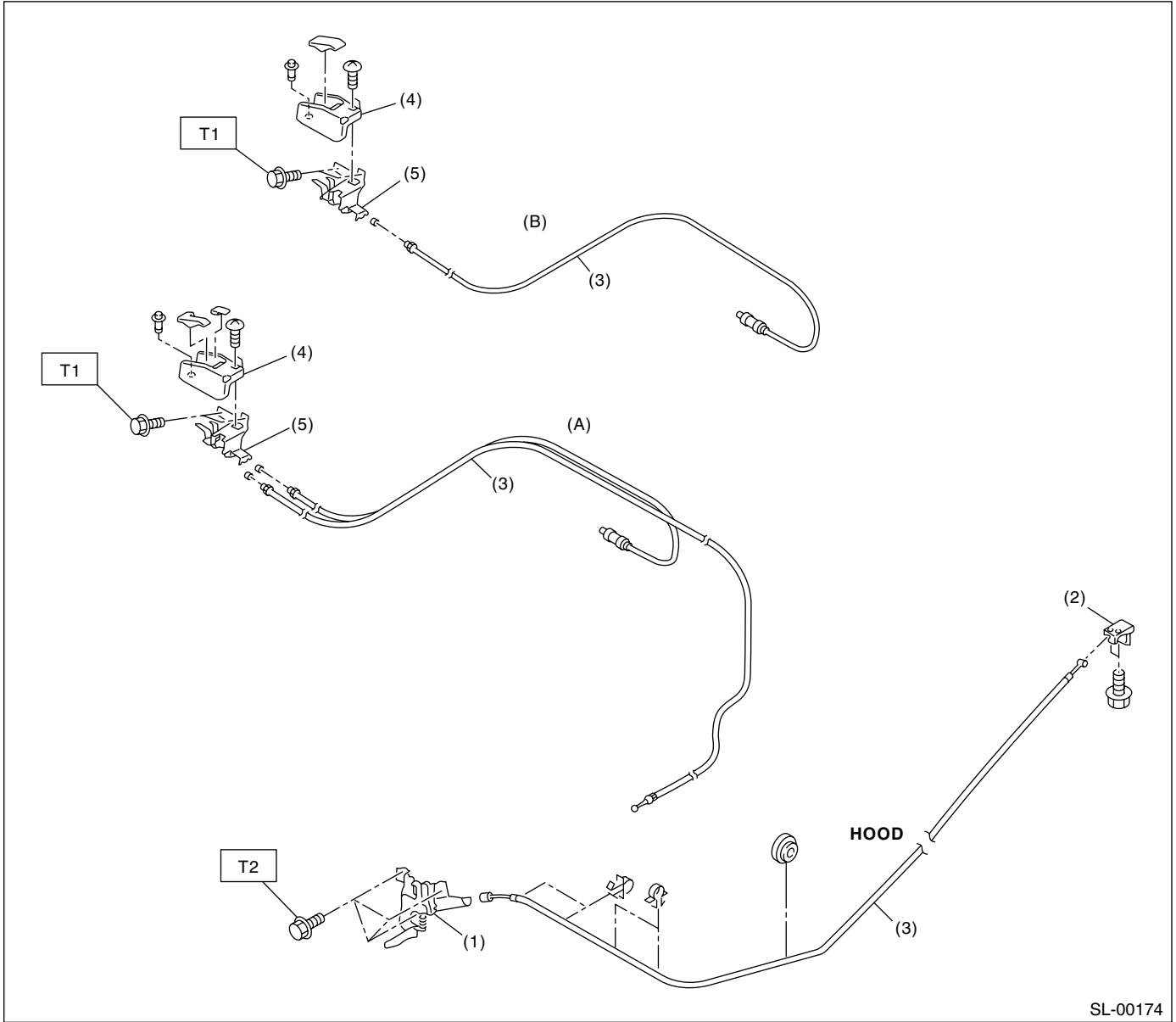
T1: 4.5 (0.45, 3.3)

T2: 25 (2.5, 18.4)

General Description

SECURITY AND LOCKS

3. HOOD LOCK AND REMOTE OPENERS



SL-00174

(A) Sedan

(B) Wagon

(1) Hood lock ASSY

(4) Cover

(2) Lever ASSY

(5) Pull handle ASSY

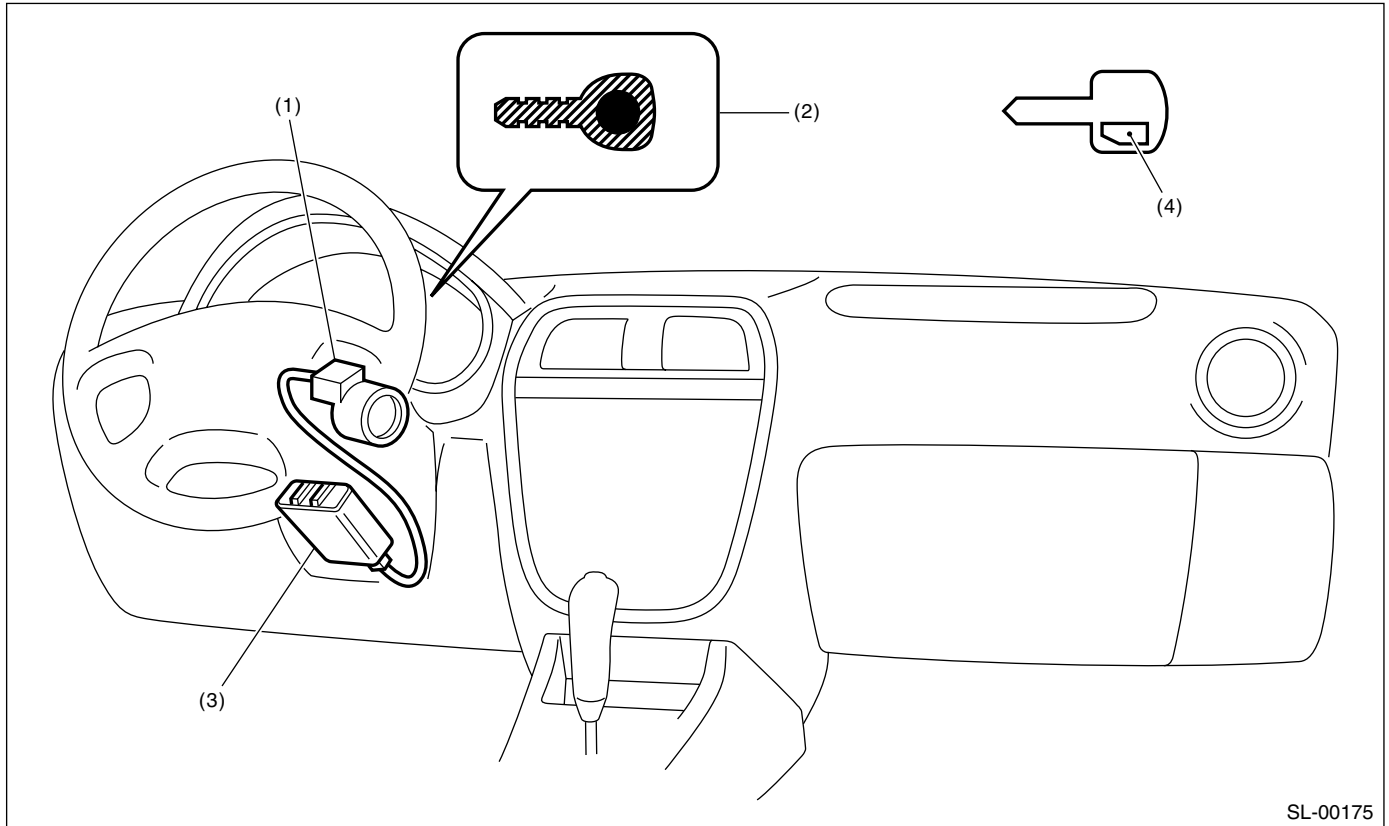
(3) Cable

Tightening torque: N·m (kgf·m, ft·lb)

T1: 6.4 (0.65, 4.7)

T2: 32 (3.3, 23.9)

4. IMMOBILIZER SYSTEM



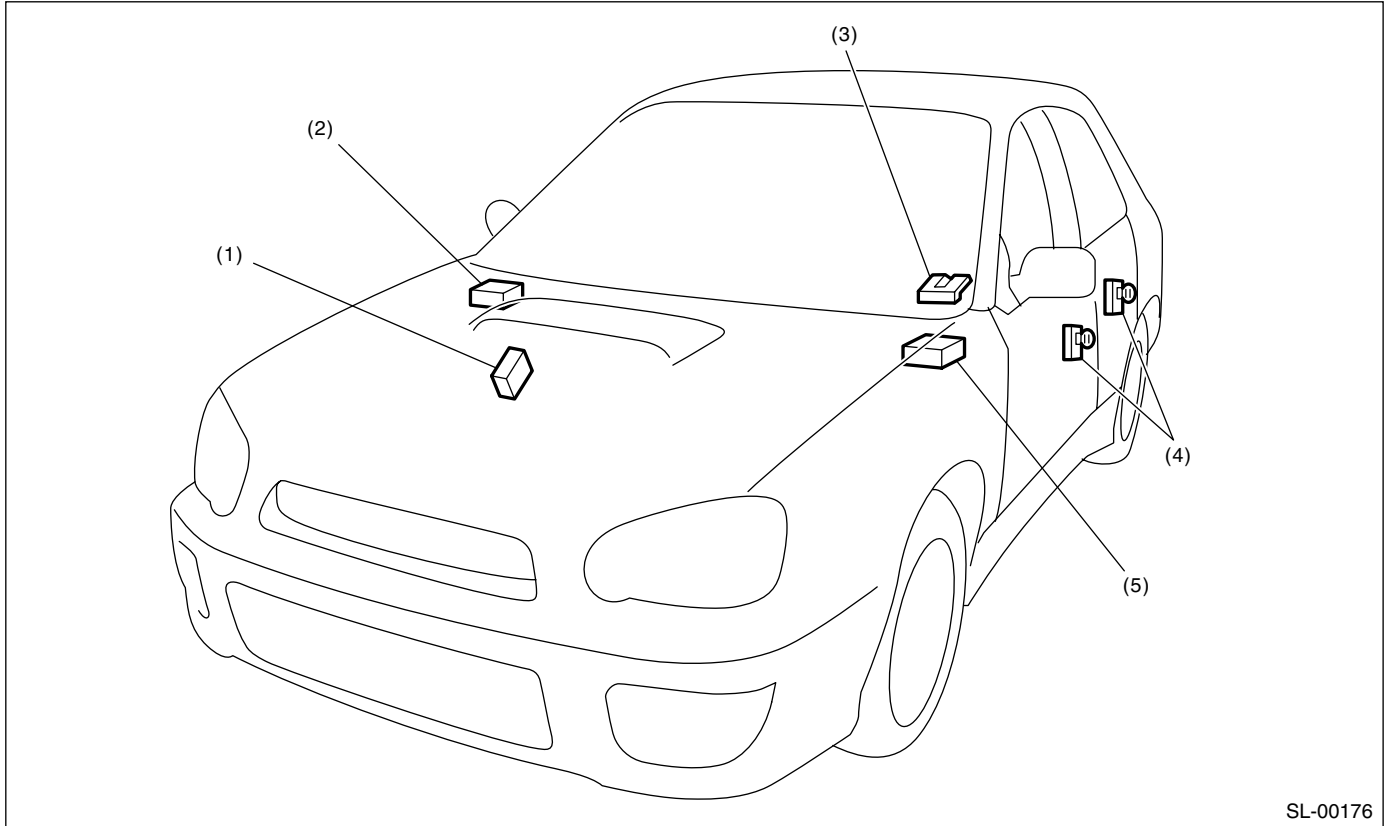
- (1) Antenna
- (2) Immobilizer indicator light (LED bulb)
- (3) Immobilizer control module (IMM ECM)
- (4) Transponder

NOTE:
IMM ECM location for RHD model is symmetrically opposite.

General Description

SECURITY AND LOCKS

5. KEYLESS ENTRY SYSTEM



SL-00176

- (1) Double lock module (with double lock)
- (2) Keyless entry control module (RHD model)

- (3) Rear gate latch
- (4) Door switch

- (5) Keyless entry control module (LHD model)

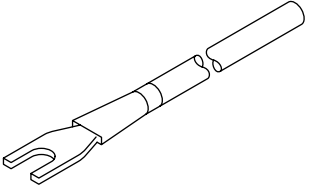
B: CAUTION

- Before disassembling or reassembling parts, always disconnect the ground cable from battery. When repairing radio, control module, etc. which are provided with memory functions, record the memory contents before disconnecting the ground cable from battery. Otherwise, these contents are cancelled upon disconnection.
- Reassemble parts in the reverse order of disassembly procedure unless otherwise indicated.

- Adjust parts to specifications contained in this manual if so designated.
- Connect the connectors securely during reassembly.
- After reassembly, ensure all functional parts operate smoothly.
- Airbag system wiring harness is routed near the electrical parts and switch.
- All airbag system wiring harness and connectors are colored yellow. Do not use electrical test equipment on these circuits.
- Be careful not to damage the airbag system wiring harness when servicing the ignition key cylinder.

C: PREPARATION TOOL

1. SPECIAL TOOLS

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p style="text-align: center; margin-top: 10px;">ST-925580000</p>	925580000	PULLER	Used for removing trim clip

2. GENERAL TOOLS

TOOL NAME	REMARKS
Circuit Tester	Used for measuring resistance and voltage.
Drill	Used for replacing ignition key lock.

Door Lock Control System

SECURITY AND LOCKS

2. Door Lock Control System

A: WIRING DIAGRAM

1. DOOR LOCK CONTROL

<Ref. to WI-188, WIRING DIAGRAM, Keyless Entry System.>

B: INSPECTION

1. SYMPTOM CHART

Symptom	Repair order	Reference
The door lock control system does not operate.	1. Check the fuse.	<Ref. to SL-11, CHECK FUSE, INSPECTION, Door Lock Control System.>
	2. Check the power supply and ground circuit for keyless entry control module (without double lock) or double lock module (with double lock).	<Ref. to SL-11, CHECK POWER SUPPLY AND GROUND CIRCUIT, INSPECTION, Door Lock Control System.>
	3. Check the door lock switch and the circuit.	<Ref. to SL-12, CHECK DOOR LOCK SWITCH AND CIRCUIT, INSPECTION, Door Lock Control System.>
	4. Check the door lock actuator and the circuit.	<Ref. to SL-13, CHECK DOOR LOCK ACTUATOR AND CIRCUIT, INSPECTION, Door Lock Control System.>
The door lock switch does not operate.	Check the door lock switch and the circuit.	<Ref. to SL-12, CHECK DOOR LOCK SWITCH AND CIRCUIT, INSPECTION, Door Lock Control System.>
A specific door lock actuator does not operate.	Check the door lock actuator and the circuit.	<Ref. to SL-13, CHECK DOOR LOCK ACTUATOR AND CIRCUIT, INSPECTION, Door Lock Control System.>
The key cylinder lock switch does not operate. (with double lock)	Check the key cylinder lock switch and circuit.	<Ref. to SL-14, CHECK KEY CYLINDER LOCK SWITCH AND CIRCUIT, INSPECTION, Door Lock Control System.>
The double lock does not operate. (with double lock)	Check the door lock actuator (double lock) and circuit.	<Ref. to SL-14, CHECK DOOR LOCK ACTUATOR (DOUBLE LOCK) AND CIRCUIT, INSPECTION, Door Lock Control System.>

2. CHECK FUSE

Step	Check	Yes	No
1 CHECK FUSE. Remove and visually check the fuse No. 2 (in the main fuse box) and No. 3 (in the fuse and relay box).	Is the fuse blown out?	Replace the fuse with a new one.	Check the power supply and ground circuit. <Ref. to SL-11, CHECK POWER SUPPLY AND GROUND CIRCUIT, INSPECTION, Door Lock Control System.>

3. CHECK POWER SUPPLY AND GROUND CIRCUIT

Step	Check	Yes	No
1 CHECK POWER SUPPLY. 1)Disconnect the keyless entry control module or double lock module harness connector. 2)Measure the voltage between the harness connector terminal and chassis ground. <i>Connector & terminal</i> <i>Without double lock:</i> <i>(B176) No. 5, 16 (+) — Chassis ground (-):</i> <i>With double lock:</i> <i>(B324) No. 7, 8 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Go to step 2.	Check the harness for open circuits or shorts between the keyless entry control module or double lock module and the fuse.
2 CHECK GROUND CIRCUIT. Measure the resistance between the harness connector terminal and chassis ground. <i>Connector & terminal</i> <i>Without double lock:</i> <i>(B176) No. 6, 14 — Chassis ground:</i> <i>With double lock:</i> <i>(B324) No. 9 — Chassis ground:</i>	Is the resistance less than 10 Ω ?	The power supply and ground circuit is OK.	Repair the harness.

Door Lock Control System

SECURITY AND LOCKS

4. CHECK DOOR LOCK SWITCH AND CIRCUIT

Step	Check	Yes	No
1 CHECK DOOR LOCK SWITCH CIRCUIT. 1)Disconnect the keyless entry control module or double lock module harness connector. 2)Measure the resistance between the harness connector terminal and chassis ground when moving the door lock switch to LOCK. <i>Connector & terminal</i> <i>Without double lock:</i> <i>(B176) No. 10 — Chassis ground:</i> <i>With double lock:</i> <i>(B325) No. 7 — Chassis ground:</i>	Is the resistance less than 10 Ω ?	Go to step 2.	Go to step 3.
2 CHECK DOOR LOCK SWITCH CIRCUIT. Measure the resistance between the harness connector terminal and chassis ground when the door lock switch is moved to UNLOCK. <i>Connector & terminal</i> <i>Without double lock:</i> <i>(B176) No. 8 — Chassis ground:</i> <i>With double lock:</i> <i>(B325) No. 4 — Chassis ground:</i>	Is the resistance less than 10 Ω ?	The door lock switch is OK.	Go to step 3.
3 CHECK DOOR LOCK SWITCH. 1)Disconnect the door lock switch harness connector. 2)Measure the resistance between the door lock switch terminals when moving the door lock switch to LOCK. <i>Connector & terminal</i> <i>LHD model:</i> <i>(D7) No. 5 — No. 9:</i> <i>RHD model:</i> <i>(D7) No. 1 — No. 15:</i>	Is the resistance less than 1 Ω ?	Go to step 4.	Replace the door lock switch.
4 CHECK DOOR LOCK SWITCH. Measure the resistance between the door lock switch terminals when moving the door lock switch to UNLOCK. <i>Connector & terminal</i> <i>LHD model:</i> <i>(D7) No. 5 — No. 8:</i> <i>RHD model:</i> <i>(D7) No. 1 — No. 16:</i>	Is the resistance less than 1 Ω ?	Check the harness for open circuits or shorts between the keyless entry control module or double lock module and the door lock switch.	Replace the door lock switch.

5. CHECK DOOR LOCK ACTUATOR AND CIRCUIT

Step	Check	Yes	No
1 CHECK OUTPUT SIGNAL. Measure the voltage between the harness connector terminal of keyless entry control module or double lock module and chassis ground when moving the door lock switch to LOCK. <i>Connector & terminal</i> <i>Without double lock:</i> <i>(B176) No. 18 (+) — Chassis ground (-):</i> <i>With double lock:</i> <i>(B324) No. 3 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Go to step 2.	Replace the keyless entry control module or double lock module.
2 CHECK OUTPUT SIGNAL. Measure the voltage between the harness connector terminal of keyless entry control module or double lock module and chassis ground when moving the door lock switch to UNLOCK. <i>Connector & terminal</i> <i>Without double lock:</i> <i>(B176) No. 17 (+) — Chassis ground (-):</i> <i>With double lock:</i> <i>(B324) No. 5 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Go to step 3.	Replace the keyless entry control module or double lock module.
3 CHECK DOOR LOCK ACTUATOR. Check the door lock actuator. Front door lock actuator: <Ref. to SL-25, Front Door Lock Actuator.> Rear door lock actuator: <Ref. to SL-29, Rear Door Lock Actuator.> Rear gate latch lock actuator: <Ref. to SL-32, Rear Gate Latch Lock Actuator.>	Is the door lock actuator OK?	Check the harness for open circuits or shorts between the keyless entry control module or double lock module and the door lock actuator.	Replace the door lock actuator.

Door Lock Control System

SECURITY AND LOCKS

6. CHECK KEY CYLINDER LOCK SWITCH AND CIRCUIT

Step	Check	Yes	No
1 CHECK KEY CYLINDER LOCK SWITCH CIRCUIT. 1) Disconnect the double lock module harness connector. 2) Measure the resistance between harness connector terminal and chassis ground when turning the key cylinder lock switch to lock position. <i>Connector & terminal</i> <i>(B325) No. 2 — Chassis ground:</i>	Is the resistance less than 10 Ω ?	Go to step 2.	Go to step 3.
2 CHECK KEY CYLINDER LOCK SWITCH CIRCUIT. Measure the resistance between harness connector terminal and chassis ground when turning the key cylinder lock switch to unlock position. <i>Connector & terminal</i> <i>(B325) No. 3 — Chassis ground:</i>	Is the resistance less than 10 Ω ?	Key cylinder lock switch is OK.	Go to step 3.
3 CHECK KEY CYLINDER LOCK SWITCH. 1) Disconnect the key cylinder lock switch connector. 2) Measure the resistance between key cylinder lock switch terminals when turning the key cylinder lock switch to lock position. <i>Terminals</i> <i>No. 1 — No. 2</i>	Is the resistance less than 1 Ω ?	Go to step 4.	Replace the key cylinder lock switch.
4 CHECK KEY CYLINDER LOCK SWITCH. Measure the resistance between key cylinder lock switch terminals when turning the key cylinder lock switch to unlock position. <i>Terminals</i> <i>No. 2 — No. 3</i>	Is the resistance less than 1 Ω ?	Check the harness for open or short circuits between double lock module and key cylinder lock switch.	Replace the key cylinder lock switch.

7. CHECK DOOR LOCK ACTUATOR (DOUBLE LOCK) AND CIRCUIT

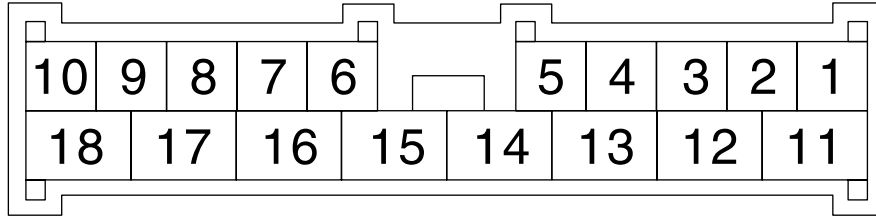
Step	Check	Yes	No
1 CHECK OUTPUT SIGNAL. Measure the resistance between double lock module harness connector terminal and chassis ground when turning the key cylinder lock switch to lock position. <i>Connector & terminal</i> <i>(B324) No. 6 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Go to step 2.	Replace the double lock module.
2 CHECK OUTPUT SIGNAL. Measure the resistance between double lock module harness connector terminal and chassis ground when turning the key cylinder lock switch to unlock position. <i>Connector & terminal</i> <i>(B324) No. 6 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Go to step 3.	Replace the double lock module.
3 CHECK DOOR LOCK ACTUATOR. Check door lock actuator. Front door lock actuator: <Ref. to SL-25, Front Door Lock Actuator.> Rear door lock actuator: <Ref. to SL-29, Rear Door Lock Actuator.>	Is the door lock actuator normal?	Check the harness for open or short circuits between double lock module and door lock actuator.	Replace the door lock actuator.

3. Keyless Entry System

A: WIRING DIAGRAM

<Ref. to WI-188, WIRING DIAGRAM, Keyless Entry System.>

B: ELECTRICAL SPECIFICATION



SL-00036

Content	Terminal No.	Measuring condition
Key warning switch	1 (INPUT)	Battery voltage is present when inserting the key into ignition switch.
Registration connector	2 (INPUT)	0 V is present when connecting the registration connector.
Door switch	3 (INPUT)	0 V is present when any door is open.
Power supply	5	Battery voltage is constantly present.
Empty	6	—
Empty	7	—
Door lock switch (Unlock)	8 (INPUT)	0 V is present when the door lock switch is turned to unlock position.
Empty	9	—
Door lock switch (Lock)	10 (INPUT)	0 V is present when the door lock switch is turned to lock position.
Room light/Ignition switch illumination	11 (OUTPUT)	<ul style="list-style-type: none"> • 0 V is present when pressing the transmitter OPEN button. • 0 V is present when any door is open.
Turn signal light (Left)	12 (OUTPUT)	Battery voltage is present when pressing the transmitter OPEN or LOCK button.
Turn signal light (Right)	13 (OUTPUT)	Battery voltage is present when pressing the transmitter OPEN or LOCK button.
Ground	14	0 V is constantly present.
Power supply (Hazard light)	15	Battery voltage is constantly present.
Power supply	16	Battery voltage is constantly present.
Door, rear gate lock actuator (without double lock) or double lock module (with double lock)	17 (OUTPUT)	Battery voltage is present when pressing the transmitter OPEN button.
Door, rear gate lock actuator (without double lock) or double lock module (with double lock)	18 (OUTPUT)	Battery voltage is present when pressing the transmitter LOCK button.

Keyless Entry System

SECURITY AND LOCKS

C: INSPECTION

1. SYMPTOM CHART

Symptom	Repair order	Reference
None of the functions of keyless entry system operate.	1. Check the transmitter battery.	<Ref. to SL-17, CHECK TRANSMITTER BATTERY, INSPECTION, Keyless Entry System.>
	2. Check the fuse.	<Ref. to SL-17, CHECK FUSE, INSPECTION, Keyless Entry System.>
	3. Check the keyless entry control module power supply and ground circuit.	<Ref. to SL-17, CHECK POWER SUPPLY AND GROUND CIRCUIT, INSPECTION, Keyless Entry System.>
	4. Replace the keyless entry control module.	<Ref. to SL-41, Keyless Entry Control Module.>
The transmitter cannot be registered.	1. Check the transmitter battery.	<Ref. to SL-17, CHECK TRANSMITTER BATTERY, INSPECTION, Keyless Entry System.>
	2. Check the registration connector circuit.	<Ref. to SL-18, CHECK REGISTRATION CONNECTOR CIRCUIT, INSPECTION, Keyless Entry System.>
	3. Replace the keyless entry control module.	<Ref. to SL-41, Keyless Entry Control Module.>
The door lock or unlock does not operate. NOTE: If the door lock control system does not operate when using the door lock switch, check the door lock control system. <Ref. to SL-10, INSPECTION, INSPECTION, Door Lock Control System.>	1. Check the transmitter battery.	<Ref. to SL-17, CHECK TRANSMITTER BATTERY, INSPECTION, Keyless Entry System.>
	2. Check the key warning switch.	<Ref. to SL-19, CHECK KEY WARNING SWITCH, INSPECTION, Keyless Entry System.>
	3. Check the door switch.	<Ref. to SL-18, CHECK DOOR SWITCH, INSPECTION, Keyless Entry System.>
	4. Check output signal to double lock module. (with double lock)	<Ref. to SL-21, CHECK OUTPUT SIGNAL TO DOUBLE LOCK MODULE, INSPECTION, Keyless Entry System.>
	5. Replace the keyless entry control module.	<Ref. to SL-41, Keyless Entry Control Module.>
The hazard light does not operate.	1. Check the hazard light operation.	<Ref. to SL-20, CHECK HAZARD LIGHT OPERATION, INSPECTION, Keyless Entry System.>
	2. Replace the keyless entry control module.	<Ref. to SL-41, Keyless Entry Control Module.>
The room light and ignition switch illumination operation does not activate.	1. Check the room light operation.	<Ref. to SL-20, CHECK ROOM LIGHT OPERATION, INSPECTION, Keyless Entry System.>
	2. Check the ignition switch illumination circuit.	<Ref. to SL-21, CHECK IGNITION SWITCH ILLUMINATION CIRCUIT, INSPECTION, Keyless Entry System.>
	3. Replace the keyless entry control module. (without double lock)	<Ref. to SL-41, Keyless Entry Control Module.>
	4. Replace the double lock module. (with double lock)	<Ref. to SL-42, Double Lock Module.>

2. CHECK TRANSMITTER BATTERY

Step	Check	Yes	No
1 CHECK TRANSMITTER BATTERY. 1)Remove the battery from transmitter. <Ref. to SL-43, REMOVAL, Keyless Transmitter.> 2)Check the battery voltage. <Ref. to SL-43, INSPECTION, Keyless Transmitter.>	Is the voltage more than 2 V?	Further inspection is necessary, refer to "SYMPTOM CHART". <Ref. to SL-16, SYMPTOM CHART, INSPECTION, Keyless Entry System.>	Replace the transmitter battery.

3. CHECK FUSE

Step	Check	Yes	No
1 CHECK FUSE. Remove and visually check the fuse No. 2 (in the main fuse box), No. 3 (in the fuse and relay box) and SBF-6 (in the main fuse box).	Is the fuse blown out?	Replace the fuse with a new one.	Check the power supply and ground circuit. <Ref. to SL-17, CHECK POWER SUPPLY AND GROUND CIRCUIT, INSPECTION, Keyless Entry System.>

4. CHECK POWER SUPPLY AND GROUND CIRCUIT

Step	Check	Yes	No
1 CHECK POWER SUPPLY. 1)Disconnect the keyless entry control module harness connector. 2)Measure the voltage between harness connector terminal and chassis ground. <i>Connector & terminal (B176) No. 5, No. 16 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Go to step 2.	Check the harness for open circuits or shorts between keyless entry control module and fuse.
2 CHECK GROUND CIRCUIT. Measure the resistance between harness connector terminal and chassis ground. <i>Connector & terminal (B176) No. 6, No. 14 — Chassis ground:</i>	Is the resistance less than 10 Ω?	The power supply and ground circuit are OK.	Repair the harness.

Keyless Entry System

SECURITY AND LOCKS

5. CHECK REGISTRATION CONNECTOR CIRCUIT

Step	Check	Yes	No
1 REGISTRATION CONNECTOR INPUT VOLTAGE INSPECTION 1) Disconnect the registration connector. 2) Measure the voltage between keyless entry control module harness connector and chassis ground. <i>Connector & terminal</i> <i>(B176) No. 2 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Go to step 2.	Repair the harness, and/or connector.
2 REGISTRATION CONNECTOR INPUT VOLTAGE INSPECTION 1) Connect the registration connector. 2) Measure the voltage between keyless entry control module harness connector and chassis ground. <i>Connector & terminal</i> <i>(B176) No. 2 (+) — Chassis ground (-):</i>	Is the voltage 0 V?	Registration connector circuit is OK.	Repair the harness, and/or connector.

6. CHECK DOOR SWITCH

Step	Check	Yes	No
1 CHECK DOOR SWITCH CIRCUIT. Measure the voltage between keyless entry control module harness connector terminal and chassis ground. <i>Connector & terminal</i> <i>Without double lock:</i> <i>(B176) No. 3 (+) — Chassis ground (-):</i> <i>With double lock:</i> <i>(B176) No. 3 (+) — Chassis ground (-):</i> <i>(B325) No. 17 (+) — Chassis ground (-):</i>	Is the voltage 0 V when any one of doors or rear gate is opened?	Go to step 2.	Go to step 3.
2 CHECK DOOR SWITCH CIRCUIT. Measure the voltage between keyless entry control module harness connector terminal and chassis ground. <i>Connector & terminal</i> <i>Without double lock:</i> <i>(B176) No. 3 (+) — Chassis ground (-):</i> <i>With double lock</i> <i>(B176) No. 3 (+) — Chassis ground (-):</i> <i>(B325) No. 17 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V when all doors and rear gate are closed?	The door switch is OK.	Go to step 3.
3 CHECK DOOR SWITCH. 1) Disconnect the door switch harness connector. 2) Measure the resistance between door switch terminals. <i>Terminal</i> <i>Door switch No. 1 — No. 3:</i> <i>Rear gate latch switch No. 1 — No. 2:</i>	Is the resistance more than 1 M Ω when door switch is pushed?	Go to step 4.	Replace the door switch.

Keyless Entry System

Step	Check	Yes	No
4 CHECK DOOR SWITCH. Measure the resistance between door switch terminals. <i>Terminal</i> <i>Door switch No. 1 — No. 3:</i> <i>Rear gate latch switch No. 1 — No. 2:</i>	Is the resistance less than 1 Ω when door switch is released?	Check the following: • Without double lock: Check the harness for open circuits or shorts between keyless entry control module and door switch. • With double lock: Check the harness for open circuits or short between keyless entry control module and door switch, between double lock module and door switch, and between check connector and door switch.	Replace the door switch.

7. CHECK KEY WARNING SWITCH

Step	Check	Yes	No
1 CHECK FUSE. Remove and visually check the fuse No. 6 (in the main fuse box).	Is the fuse blown out?	Replace the fuse with a new one.	Go to step 2.
2 CHECK KEY WARNING SWITCH CIRCUIT. 1)Disconnect the keyless entry control module harness connector. 2)Insert the key into ignition switch. (LOCK position) 3)Measure the voltage between harness connector terminal and chassis ground. <i>Connector & terminal</i> <i>(B176) No. 1 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Go to step 3.	Go to step 4.
3 CHECK KEY WARNING SWITCH CIRCUIT. 1)Remove the key from ignition switch. 2)Measure the voltage between harness connector terminal and chassis ground. <i>Connector & terminal</i> <i>(B176) No. 1 (+) — Chassis ground (-):</i>	Is the voltage 0 V?	The key warning switch is OK.	Go to step 4.
4 CHECK KEY WARNING SWITCH. 1)Disconnect the key warning switch harness connector. 2)Insert the key into ignition switch. (LOCK position) 3)Measure the resistance between key warning switch terminals. <i>Terminal</i> <i>No. 1 — No. 2:</i>	Is the resistance less than 1 Ω ?	Go to step 5.	Replace the key warning switch.

Keyless Entry System

SECURITY AND LOCKS

Step	Check	Yes	No
5 CHECK KEY WARNING SWITCH. 1)Remove the key from ignition switch. 2)Measure the resistance between key warning switch terminals. Terminal No. 1 — No. 2:	Is the resistance more than 1 M Ω ?	Check the following: • Harness for open circuits or shorts between the key warning switch and fuse • Harness for open circuits and shorts between the keyless entry control module and key warning switch	Replace the key warning switch.

8. CHECK HAZARD LIGHT OPERATION

Step	Check	Yes	No
1 CHECK HAZARD LIGHT OPERATION. Make sure the hazard light blinks when hazard switch is turned to ON.	Does the hazard light blink?	Go to step 2.	Check the hazard light circuit.
2 CHECK OUTPUT SIGNAL. 1)Remove the key from ignition switch. 2)Close all doors and rear gate. 3)Measure the voltage between keyless entry control module harness connector terminal and chassis ground when LOCK or OPEN button of transmitter is pressed. Connector & terminal (B176) No. 12, No. 13 (+) — Chassis ground (-):	Is the voltage more than 10 V?	Check the harness for open or short between keyless entry control module and turn signal lights.	Replace the keyless entry control module.

9. CHECK ROOM LIGHT OPERATION

Step	Check	Yes	No
1 CHECK ROOM LIGHT OPERATION. Make sure the room light illuminates when the room light switch is turned to ON.	Does the room light illuminate?	Go to step 2.	Check the room light circuit.
2 CHECK HARNESS BETWEEN ROOM LIGHT AND KEYLESS ENTRY CONTROL MODULE (WITHOUT DOUBLE LOCK) OR DOUBLE LOCK MODULE (WITH DOUBLE LOCK). 1)Disconnect the keyless entry control module or double lock module harness connector and room light harness connector. 2)Measure the resistance between keyless entry control module or double lock module harness connector terminal and room light harness connector terminal. Connector & terminal Without double lock: (B176) No. 11 — (R52) No. 2: With double lock: (B325) No. 1 — (R52) No. 2: (B79) No. 13 — (R52) No. 2:	Is the resistance less than 10 Ω ?	The room light operation circuit is OK.	Check the following: • Without double lock: Check the harness for open circuit or short between keyless entry control module and room light. • With double lock: Check the harness for open circuit or short between double lock module and room light, and between check connector and room light.

10. CHECK IGNITION SWITCH ILLUMINATION CIRCUIT

Step	Check	Yes	No
1 CHECK IGNITION SWITCH ILLUMINATION POWER SUPPLY. 1) Disconnect the ignition switch illumination harness connector. 2) Measure the voltage between ignition switch illumination harness connector terminal and chassis ground. <i>Connector & terminal</i> <i>(B224) No. 1 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Go to step 2.	Check the harness for open circuit or shorts between ignition switch illumination and fuse.
2 CHECK HARNESS BETWEEN IGNITION SWITCH ILLUMINATION AND KEYLESS ENTRY CONTROL MODULE (WITHOUT DOUBLE LOCK) OR DOUBLE LOCK MODULE (WITH DOUBLE LOCK). 1) Disconnect the keyless entry control module or double lock module harness connector. 2) Measure the resistance between keyless entry or double lock module harness connector terminal and ignition switch illumination harness connector. <i>Connector & terminal</i> <i>Without double lock:</i> <i>(B176) No. 11 — (R224) No. 2:</i> <i>With double lock:</i> <i>(B325) No. 1 — (R224) No. 2:</i> <i>(B79) No. 13 — (R224) No. 2:</i>	Is the resistance less than 10 Ω?	Check the ignition switch illumination. If NG, replace the ignition switch illumination.	Check the following: • Without double lock: Check the harness for open circuit or short between keyless entry control module and ignition switch illumination. • With double lock: Check the harness for open circuit or short between double lock unit and ignition switch illumination, and between check connector and ignition switch illumination.

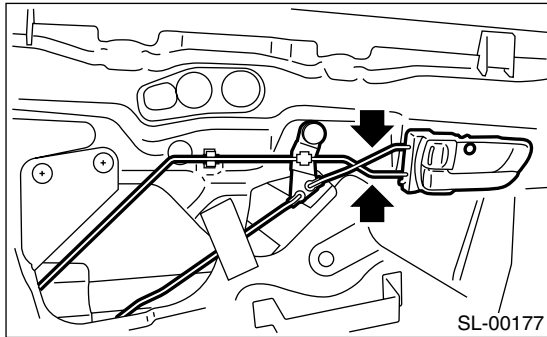
11. CHECK OUTPUT SIGNAL TO DOUBLE LOCK MODULE

Step	Check	Yes	No
1 CHECK OUTPUT SIGNAL. Measure the voltage between the keyless entry control module harness connector terminal and chassis ground when OPEN button of transmitter is pressed. <i>Connector & terminal</i> <i>(B176) No. 17 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Go to step 2.	Replace the keyless entry control module.
2 CHECK OUTPUT SIGNAL. Measure the voltage between the keyless entry control module harness connector terminal and chassis ground when LOCK button of transmitter is pressed. <i>Connector & terminal</i> <i>(B176) No. 18 (+) — Chassis ground (-):</i>	Is the voltage more than 10 V?	Replace the double lock module.	Check the harness for open circuit or shorts between the keyless entry control module and double lock module.

4. Front Inner Remote

A: REMOVAL

- 1) Remove the door trim. <Ref. to EI-37, REMOVAL, Front Door Trim.>
- 2) Remove the sealing cover. <Ref. to EB-17, REMOVAL, Front Sealing Cover.>
- 3) Remove a screw and two rod joints.
- 4) Remove the front inner remote.



B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Make sure the inner remote works properly after installation.

C: INSPECTION

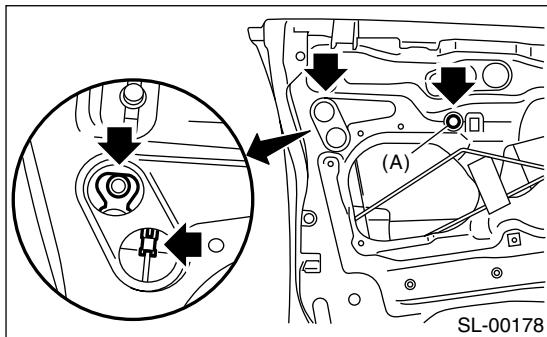
- 1) Make sure the rod is not deformed.
- 2) Make sure the lever and rod work smoothly.

5. Front Outer Handle

A: REMOVAL

1. MODEL WITHOUT DOUBLE LOCK

- 1) Remove the door trim. <Ref. to EI-37, REMOVAL, Front Door Trim.>
- 2) Remove the sealing cover. <Ref. to EB-17, REMOVAL, Front Sealing Cover.>
- 3) Remove the bolt (A).
- 4) Move the front door glass downward. Remove the bolt and rod clamp.
- 5) Remove the front outer handle.



2. MODEL WITH DOUBLE LOCK

- 1) Remove the door trim. <Ref. to EI-37, REMOVAL, Front Door Trim.>
- 2) Remove the sealing cover. <Ref. to EB-17, REMOVAL, Front Sealing Cover.>
- 3) Remove the front door glass. <Ref. to GW-12, REMOVAL, Front Door Glass.>
- 4) Remove the key cylinder. <Ref. to SL-38, FRONT DOOR, REPLACEMENT, Key Lock Cylinders.>
- 5) Remove the front side bolt, and then remove the front outer handle.

CAUTION:

Do not use excessive force to remove the handle from door panel. This will deform it.

B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Make sure the outer handle works properly after installation.

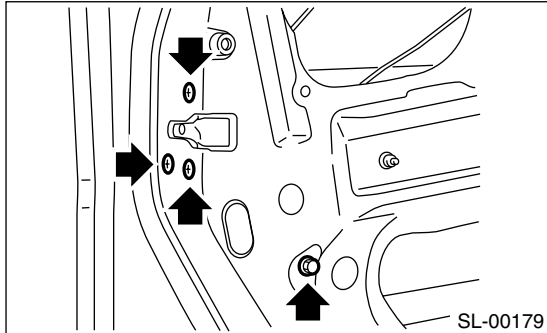
C: INSPECTION

- 1) Make sure the rod is not deformed.
- 2) Make sure the lever and rod work smoothly.

6. Front Door Latch Assembly

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the front door trim. <Ref. to EI-37, REMOVAL, Front Door Trim.>
- 3) Remove the sealing cover. <Ref. to EB-17, REMOVAL, Front Sealing Cover.>
- 4) Remove the front inner remote. <Ref. to SL-22, REMOVAL, Front Inner Remote.>
- 5) Remove three screws and a bolt.



- 6) Remove the front door latch assembly, and then disconnect the connector.

B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Make sure the lock works properly after installation.

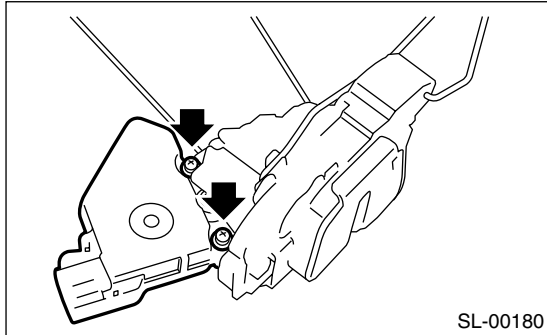
C: INSPECTION

- 1) Make sure the rod is not deformed.
- 2) Make sure the lever and rod work smoothly.

7. Front Door Lock Actuator

A: REMOVAL

- 1) Remove the front door latch assembly. <Ref. to SL-24, REMOVAL, Front Door Latch Assembly.>
- 2) Remove two screws to remove the front door lock actuator.



B: INSTALLATION

Install in the reverse order of removal.

NOTE:

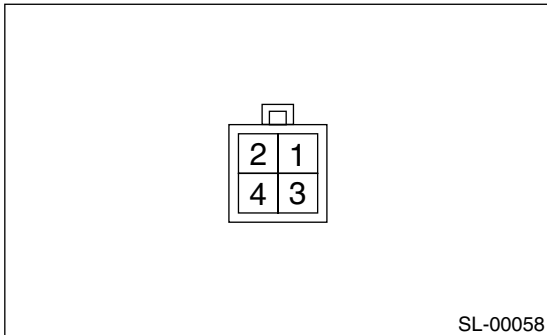
Make sure the lock works properly after installation.

C: INSPECTION

- 1) Disconnect the door lock actuator harness connector.
- 2) Connect the battery to door lock actuator terminals.

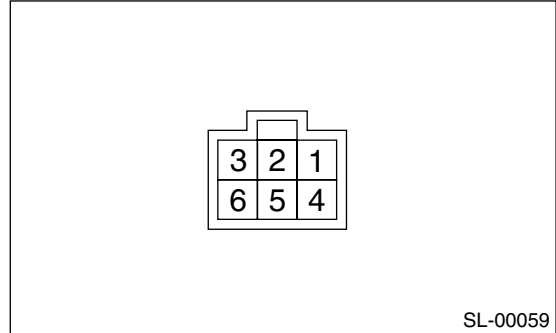
If NG, replace the door lock actuator.

1. Without double lock



Terminal No.	Actuator operation
No. 3 (+) and No. 1 (-)	Unlocked → Locked
No. 1 (+) and No. 3 (-)	Locked → Unlocked

2. With double lock



DOOR ACTUATOR RH:

Terminal No.	Actuator operation
No. 1 (+) and No. 4 (-)	Unlocked → Locked
No. 4 (+) and No. 1 (-)	Locked → Unlocked
No. 6 (+) and No. 3 (-)	Double lock released → Double lock set
No. 3 (+) and No. 6 (-)	Double lock set → Double lock released

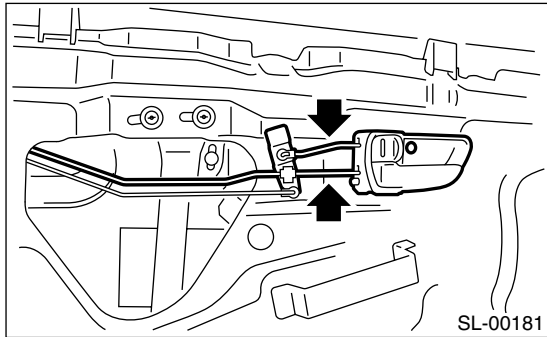
DOOR ACTUATOR LH:

Terminal No.	Actuator operation
No. 6 (+) and No. 3 (-)	Unlocked → Locked
No. 3 (+) and No. 6 (-)	Locked → Unlocked
No. 1 (+) and No. 4 (-)	Double lock released → Double lock set
No. 4 (+) and No. 1 (-)	Double lock set → Double lock released

8. Rear Inner Remote

A: REMOVAL

- 1) Remove the rear door trim. <Ref. to EI-38, REMOVAL, Rear Door Trim.>
- 2) Remove the sealing cover. <Ref. to EB-19, REMOVAL, Rear Sealing Cover.>
- 3) Remove a screw and two rod joints.
- 4) Remove the inner remote.



B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Make sure the inner remote works properly after installation.

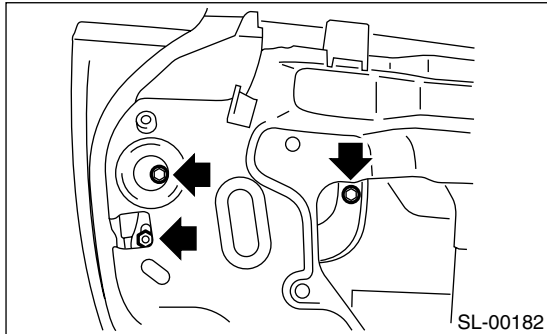
C: INSPECTION

- 1) Make sure the rod is not deformed.
- 2) Make sure the lever and rod work smoothly.
- 3) Make sure the child safety lock work properly.

9. Rear Outer Handle

A: REMOVAL

- 1) Remove the rear door trim. <Ref. to EI-38, REMOVAL, Rear Door Trim.>
- 2) Remove the sealing cover. <Ref. to EB-19, REMOVAL, Rear Sealing Cover.>
- 3) Remove the rear inner remote. <Ref. to SL-26, REMOVAL, Rear Inner Remote.>
- 4) Remove the rear door latch assembly. <Ref. to SL-28, REMOVAL, Rear Door Latch Assembly.>
- 5) Remove two bolts and a nut to remove the rear outer handle.



CAUTION:

Do not use excessive force to remove the handle from door panel. This will deform it.

B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Make sure the outer handle works properly after installation.

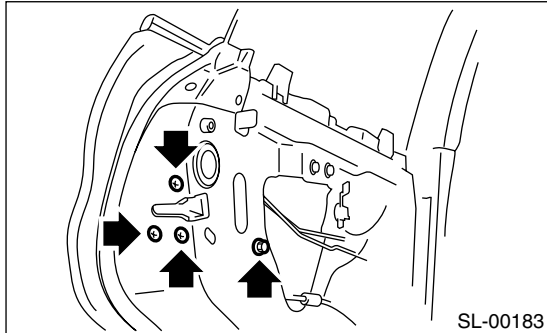
C: INSPECTION

- 1) Make sure the rod is not deformed.
- 2) Make sure the lever and rod work smoothly.

10.Rear Door Latch Assembly

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the rear door trim. <Ref. to EI-38, REMOVAL, Rear Door Trim.>
- 3) Remove the sealing cover. <Ref. to EB-19, REMOVAL, Rear Sealing Cover.>
- 4) Remove the rear inner remote. <Ref. to SL-26, REMOVAL, Rear Inner Remote.>
- 5) Remove three screws and a bolt.



- 6) Disconnect the connector, and then remove the rear door latch assembly.

B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Make sure the lock works properly after installation.

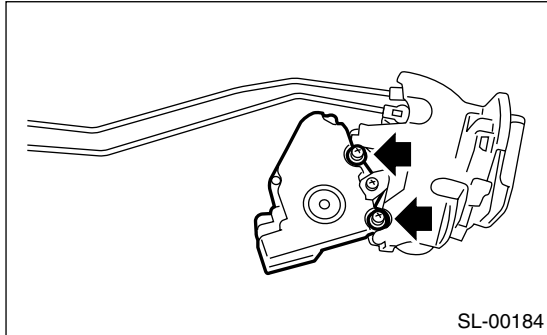
C: INSPECTION

- 1) Make sure the rod is not deformed.
- 2) Make sure the lever and rod work smoothly.

11. Rear Door Lock Actuator

A: REMOVAL

- 1) Remove the rear door latch assembly. <Ref. to SL-28, REMOVAL, Rear Door Latch Assembly.>
- 2) Remove two screws to remove rear door lock actuator.



B: INSTALLATION

Install in the reverse order of removal.

NOTE:

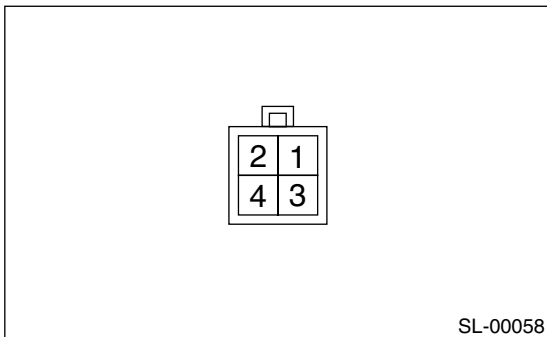
Make sure the lock works properly after installation.

C: INSPECTION

- 1) Disconnect the door lock actuator harness connector.
- 2) Connect the battery to door lock actuator terminals.

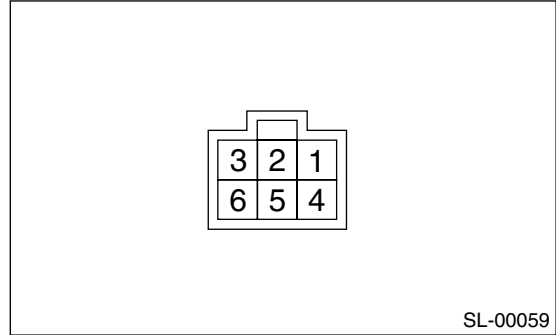
If NG, replace the door lock actuator.

1. Without double lock



Terminal No.	Actuator operation
No. 3 (+) and No. 1 (-)	Unlocked → Locked
No. 1 (+) and No. 3 (-)	Locked → Unlocked

2. With double lock



DOOR ACTUATOR RH:

Terminal No.	Actuator operation
No. 1 (+) and No. 4 (-)	Unlocked → Locked
No. 4 (+) and No. 1 (-)	Locked → Unlocked
No. 6 (+) and No. 3 (-)	Double lock released → Double lock set
No. 3 (+) and No. 6 (-)	Double lock set → Double lock released

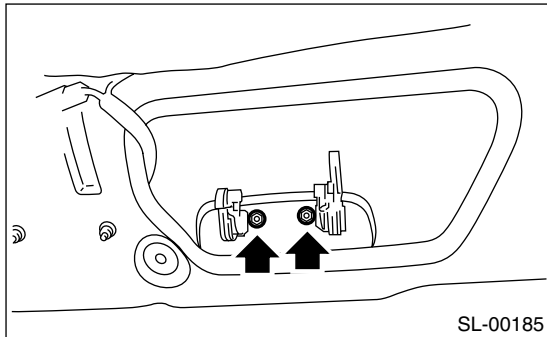
DOOR ACTUATOR LH:

Terminal No.	Actuator operation
No. 6 (+) and No. 3 (-)	Unlocked → Locked
No. 3 (+) and No. 6 (-)	Locked → Unlocked
No. 1 (+) and No. 4 (-)	Double lock released → Double lock set
No. 4 (+) and No. 1 (-)	Double lock set → Double lock released

12.Rear Gate Outer Handle

A: REMOVAL

- 1) Remove the rear gate trim. <Ref. to EI-52, REMOVAL, Rear Gate Trim.>
- 2) Remove the rear gate latch assembly. <Ref. to SL-31, REMOVAL, Rear Gate Latch Assembly.>
- 3) Remove two nuts to remove the rear gate outer handle.



B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Make sure the outer handle works properly after installation.

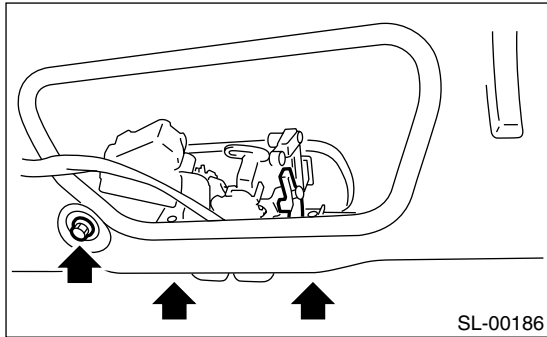
C: INSPECTION

- 1) Inspect the rod for deformation.
- 2) Make sure the lever and rod move smoothly.

13. Rear Gate Latch Assembly

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the rear gate trim. <Ref. to EI-52, REMOVAL, Rear Gate Trim.>
- 3) Remove three bolts.



- 4) Disconnect the connectors, and then remove the rear gate latch assembly.

B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Make sure the lock works properly after installation.

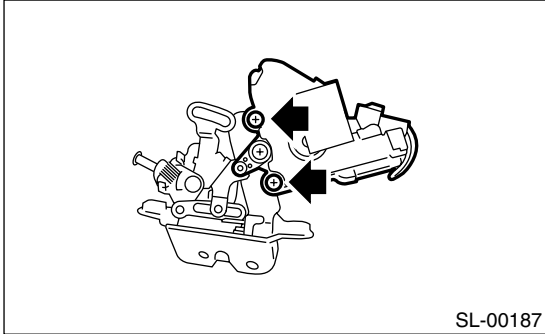
C: INSPECTION

- 1) Make sure the rod is not deformed.
- 2) Make sure the lever and rod work smoothly.

14. Rear Gate Latch Lock Actuator

A: REMOVAL

- 1) Remove the rear gate latch assembly. <Ref. to SL-31, REMOVAL, Rear Gate Latch Assembly.>
- 2) Remove two screws to remove the rear gate lock actuator.



B: INSTALLATION

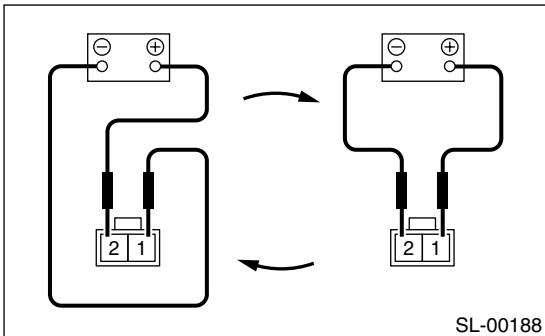
Install in the reverse order of removal.

NOTE:

Make sure the lock works properly after installation.

C: INSPECTION

- 1) Disconnect the door lock actuator harness connector.
- 2) Connect the battery to door lock actuator terminals.



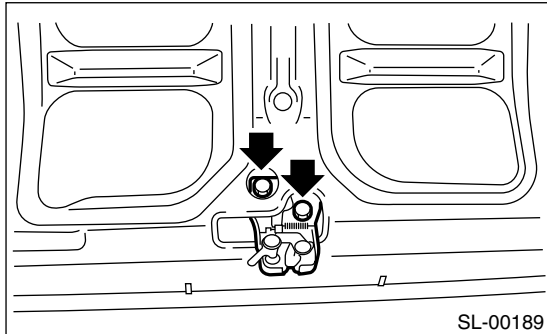
Terminal No.	Actuator operation
No. 1 (+) and No. 2 (-)	Unlocked → Locked
No. 2 (+) and No. 1 (-)	Locked → Unlocked

If NG, replace the rear gate latch lock actuator.

15. Trunk Lid Lock Assembly

A: REMOVAL

- 1) Remove the trunk lid key cylinder rod clamp.
- 2) Remove two bolts to remove the trunk lid lock assembly.



B: INSTALLATION

Install in the reverse order of removal.

NOTE:

- Apply grease to the movable parts.
- Make sure the lock works properly after installation.

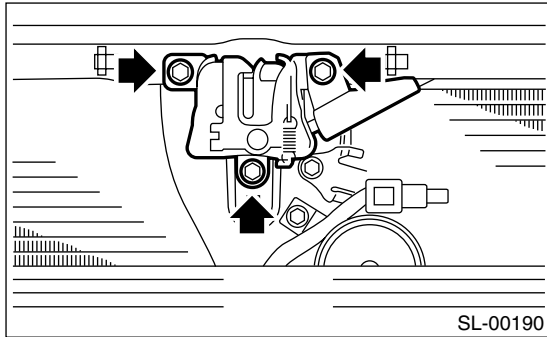
C: INSPECTION

- 1) Check the striker for bending or abnormal wear.
- 2) Check the safety lever for improper movement.
- 3) Check other levers and the spring for rust formation and unsmooth movement.

16. Front Hood Lock Assembly

A: REMOVAL

- 1) Open the hood.
- 2) Remove the bolts. Remove the hood lock assembly.
- 3) Remove the release cable from lock assembly.



B: INSTALLATION

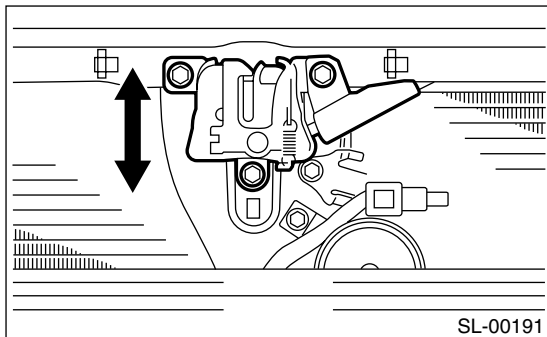
Install in the reverse order of removal.

NOTE:

- Apply grease to parts that rub.
- Make sure the release cable works properly after installation.

C: ADJUSTMENT

Loosen the bolt. Adjust the lock assembly while moving it up and down.



D: INSPECTION

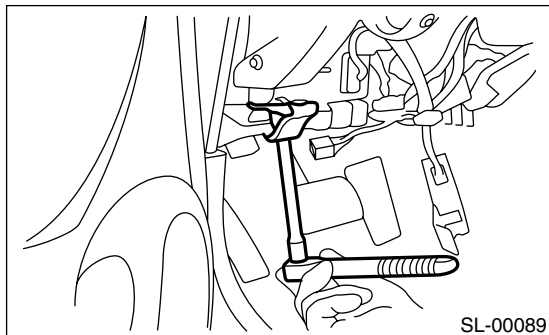
- 1) Check the striker for bending or abnormal wear.
- 2) Check the safety lever for improper movement.
- 3) Check other levers and the spring for rust formation and unsmooth movement.

17. Remote Openers

A: REMOVAL

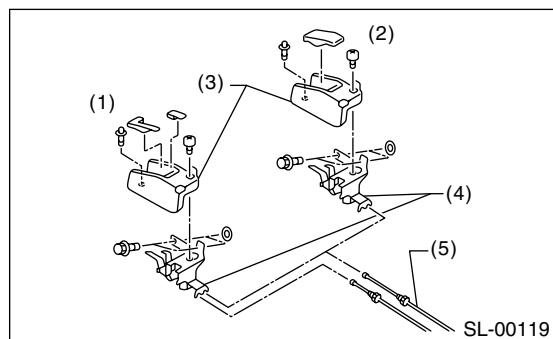
1. HOOD OPENER

- 1) Remove the release cable from hood lock.
- 2) Remove the bolt. Remove the opener lever.



2. TRUNK LID OPENER

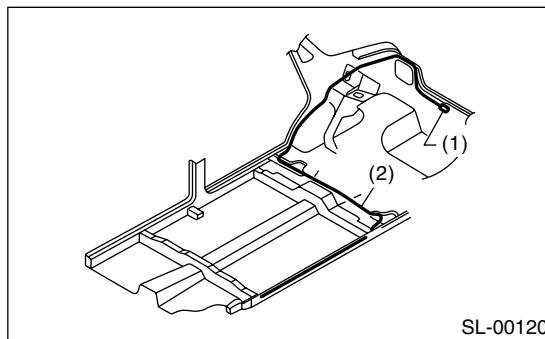
- 1) Remove the rear seat. <Ref. to SE-13, REMOVAL, Rear Seat.>
- 2) Remove the center pillar lower trim, and for LHD model, remove the side sill cover on passenger side. Remove the rear pillar lower trim. Pull back the floor mat. Remove the clip holding the cable.
- 3) Remove the bolt. Remove the opener pull handle.



- (1) Sedan
- (2) Wagon
- (3) Cover
- (4) Pull handle ASSY
- (5) Cable

- 4) Remove the cable from opener pull handle.
- 5) Remove the striker from trunk lid.

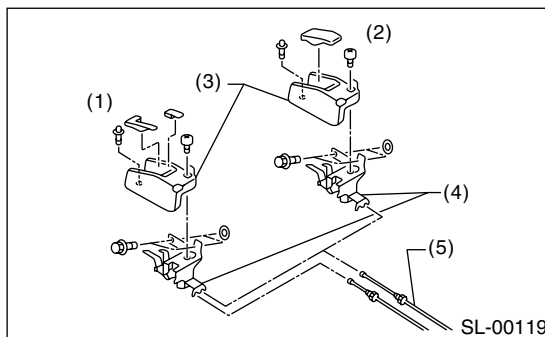
- 6) Remove the cable from striker.



- (1) Striker
- (2) Cable

3. FUEL FLAP OPENER

- 1) Remove the rear seat. <Ref. to SE-13, REMOVAL, Rear Seat.>
- 2) Remove the center pillar lower trim, and for LHD model, remove the side sill cover on passenger side. Remove the rear pillar lower trim. Pull back the floor mat. Remove the clip holding the cable.
- 3) Remove the bolt. Remove the opener pull handle.



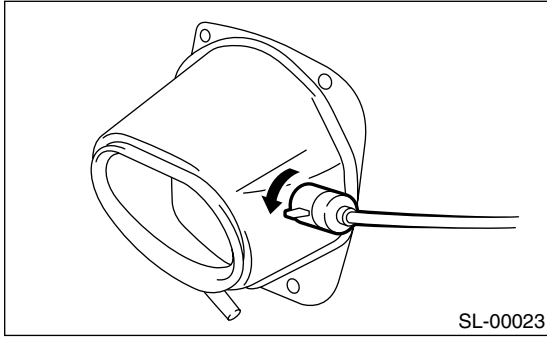
- (1) Sedan
- (2) Wagon
- (3) Cover
- (4) Pull handle ASSY
- (5) Cable

- 4) Remove the cable from opener pull handle.
- 5) Remove the right rear quarter trim. <Ref. to EI-48, REMOVAL, Rear Quarter Trim.>

Remote Openers

SECURITY AND LOCKS

6) Rotate the fuel lock inside the quarter panel to left and remove.



B: INSTALLATION

1. HOOD OPENER

Install in the reverse order of removal.

2. TRUNK LID OPENER

Install in the reverse order of removal.

3. FUEL FLAP OPENER

Install in the reverse order of removal.

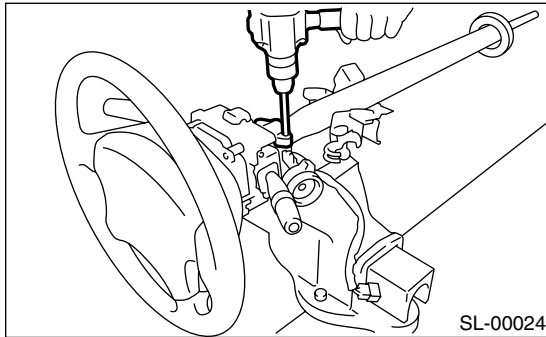
C: INSPECTION

Make sure the front hood, trunk lid and fuel flap open and close smoothly.

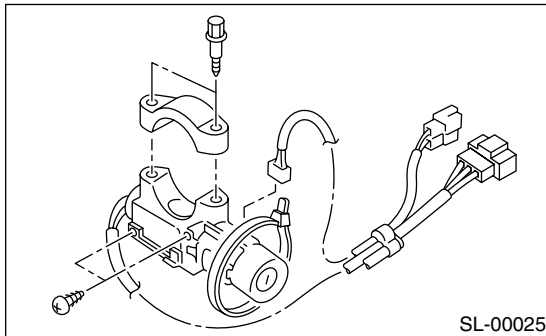
18. Ignition Key Lock

A: REPLACEMENT

- 1) Remove the ground cable from battery.
- 2) Remove the steering column. <Ref. to PS-26, REMOVAL, Tilt Steering Column.>
- 3) Secure the steering column in a vise. Remove the bolt with a drill.



- 4) Remove the ignition key lock.
- 5) Use a new torn bolt. Tighten the torn bolt to end of thread.



B: INSPECTION

- 1) Remove the instrument panel lower cover.
- 2) Remove the lower column cover.
- 3) Unfasten the hold-down clip which secures harness and disconnect the connector of ignition switch from body harness.
- 4) Turn the ignition key plate to each position and check the continuity between terminals of ignition connector.

Switch position	Terminal No.	Standard
LOCK	—	—
ACC	No. 1 and No. 2	Less than 1 Ω
ON	No. 1 and No. 2 No. 1 and No. 4 No. 2 and No. 4	Less than 1 Ω
ST	No. 1 and No. 3 No. 1 and No. 4 No. 3 and No. 4	Less than 1 Ω

If NG, replace the ignition switch.

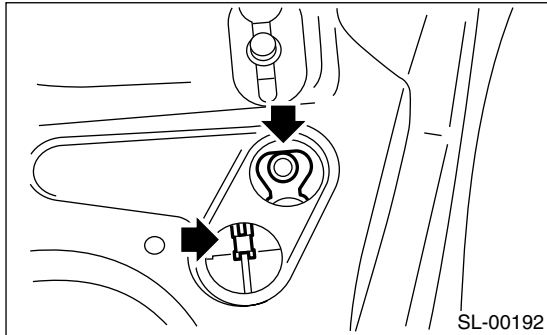
19. Key Lock Cylinders

A: REPLACEMENT

1. FRONT DOOR

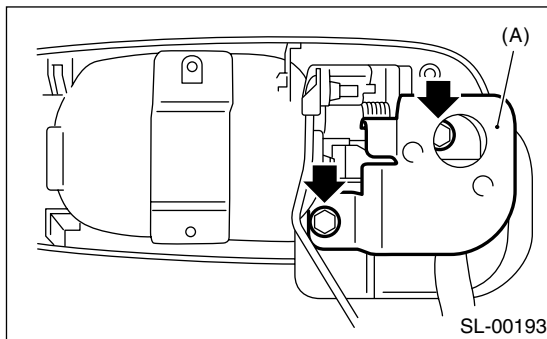
• Without double lock

- 1) Remove the door trim. <Ref. to EI-37, REMOVAL, Front Door Trim.>
- 2) Pull back the sealing cover. <Ref. to EB-17, REMOVAL, Front Sealing Cover.>
- 3) Move the front door glass downward.
- 4) Remove the rod clamp. Remove the bolt. Replace the key cylinder.

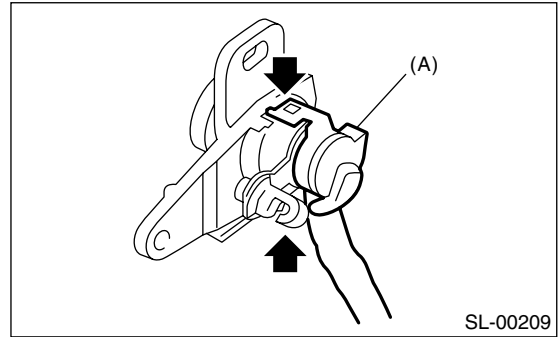


• With double lock

- 1) Remove the door trim. <Ref. to EI-37, REMOVAL, Front Door Trim.>
- 2) Remove the sealing cover. <Ref. to EB-17, REMOVAL, Front Sealing Cover.>
- 3) Remove the front door glass. <Ref. to GW-12, REMOVAL, Front Door Glass.>
- 4) Remove the rod clamp.
- 5) Remove two bolts, and then remove the key cylinder and outer handle cover (A).



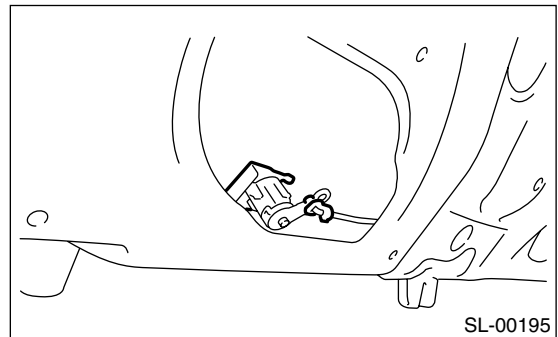
- 6) Remove the hooks (two), and then remove the key cylinder lock switch (A) to replace the key cylinder.



2. TRUNK LID

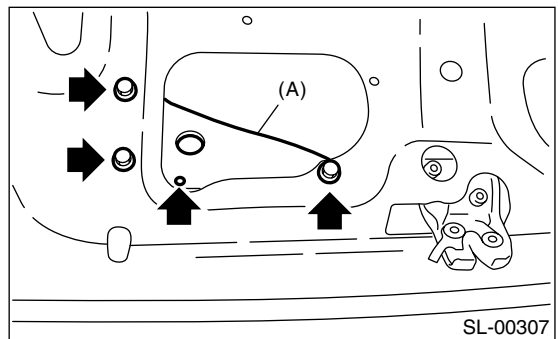
• Without double lock

- Remove the rod clamp. Remove the lock plate. Replace the key cylinder.



• With double lock

- 1) Remove the four bolts, and remove the bracket (A).



- 2) Remove the rod clamp on key cylinder side.
- 3) Remove the stopper of key cylinder, and then replace the key cylinder.

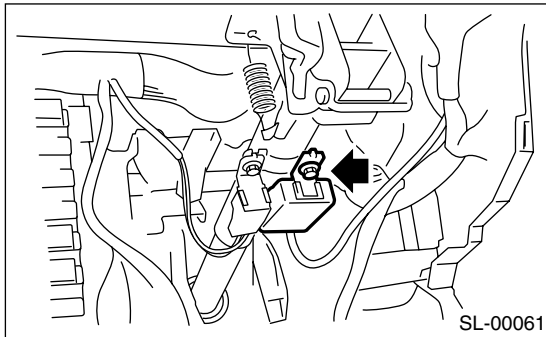
20. Immobilizer Control Module

A: REMOVAL

NOTE:

The following positions for removal and installation are for LHD models. The positions for RHD models are symmetrically opposite.

- 1) Disconnect the ground cable from battery.
- 2) Remove the instrument panel lower cover. <Ref. to EI-43, REMOVAL, Instrument Panel Assembly.>
- 3) Disconnect the connector from immobilizer control module.
- 4) Remove the immobilizer control module.



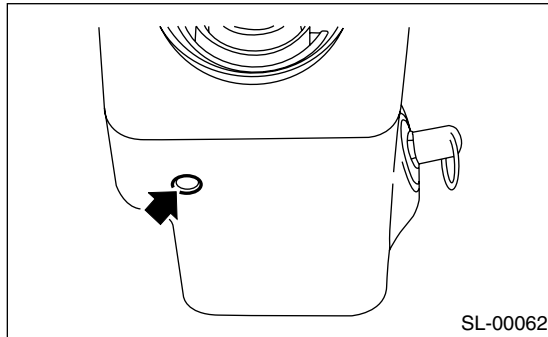
B: INSTALLATION

Install in the reverse order of removal.

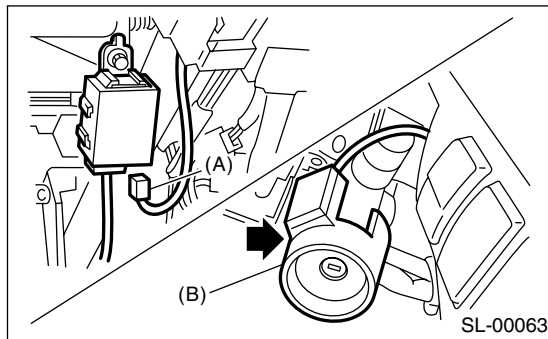
21. Immobilizer Antenna

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the instrument panel lower cover. <Ref. to EI-43, REMOVAL, Instrument Panel Assembly.>
- 3) Remove the screws, separate upper column cover and lower column cover.



- 4) Disconnect the immobilizer antenna connector (A) from immobilizer control module.
- 5) Remove the screw, and detach the immobilizer antenna (B).



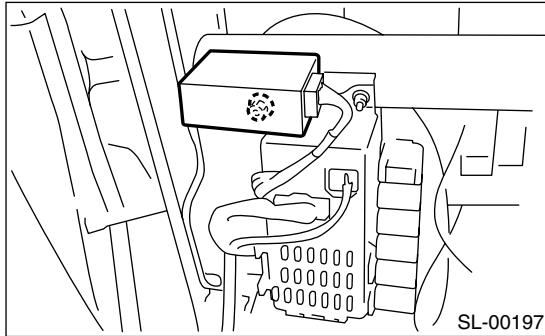
B: INSTALLATION

Install in the reverse order of removal.

22. Keyless Entry Control Module

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the instrument panel lower cover. <Ref. to EI-43, REMOVAL, Instrument Panel Assembly.>
- 3) Remove the nut, and then remove the keyless entry control module while disconnecting connector.



- 4) Disconnect the keyless entry control module and other electrical control module.

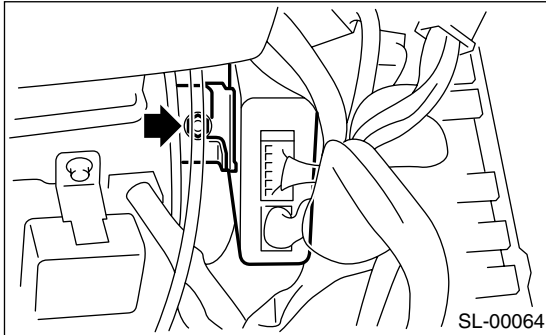
B: INSTALLATION

Install in the reverse order of removal.

23. Double Lock Module

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the instrument panel lower cover. <Ref. to EI-43, REMOVAL, Instrument Panel Assembly.>
- 3) Remove the nut, then remove the double lock module while disconnecting the connector.



B: INSTALLATION

Install in the reverse order of removal.

24. Keyless Transmitter

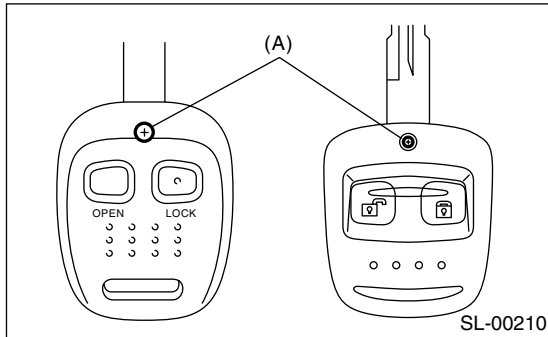
A: REMOVAL

1. TRANSMITTER BATTERY

Remove the screw (A) from transmitter, and then remove the battery.

NOTE:

To prevent static electricity damage to transmitter printed circuit board, touch the steel area of building with hand to discharge the static electricity carried on body or clothes before disassembling transmitter.



(A) Screw

B: INSTALLATION

1. TRANSMITTER BATTERY

Install in the reverse order of removal.

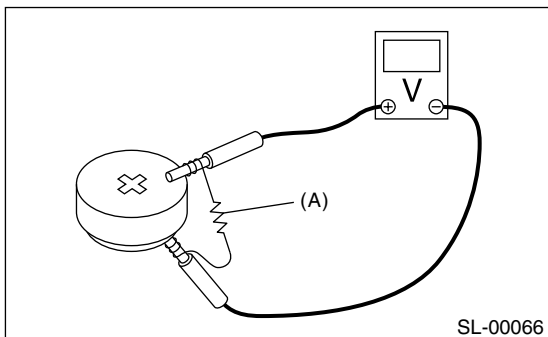
C: INSPECTION

1. TRANSMITTER BATTERY

Measure the voltage between battery (+) terminal and (-) terminal.

NOTE:

Battery discharge occurs during measurement. Complete the measurement within 5 seconds.



(A) Resistance 270 — 300 Ω

Tester connection		Standard
(+)	(-)	
Battery (+) terminal	Battery (-) terminal	2.5 — 3.0 V

If NG, replace the battery. (Use CR1620 or equivalent.)

D: REPLACEMENT

1. TRANSMITTER REGISTRATION

NOTE:

- A maximum of three transmitters can be registered for each individual vehicle.
- When replacing the transmitter (key), registration to immobilizer system is also necessary.

- 1) Remove the side sill cover at driver's side, then connect the registration connectors at front pillar lower section.
- 2) Push the door lock switch at driver's side to UNLOCK, and then unlock the door lock.
- 3) Press any button of the transmitter twice to be registered, while pushing the door lock switch to UNLOCK.
- 4) The door lock will automatically lock and unlock in sequence. This indicates the completion of transmitter registration for first transmitter.
- 5) If the registration of second and third transmitter is now to be carried out, repeat the procedure 3) and 4).
- 6) Disconnect the registration connectors after the completion of all registration operations. After confirming the operation of door lock using newly registered transmitter(s), reinstall the side sill cover at driver's side.

Keyless Transmitter

SECURITY AND LOCKS
