

1. Pre-delivery Inspection

A: GENERAL

The purposes of the pre-delivery inspection (PDI) are as follows.

- Remove the additional parts used for ensuring the vehicle quality during transportation and restore the vehicle to its normal state.
- Check if the vehicle before delivery is in a normal state.
- Check for any damage or missing parts that may have taken place during transportation or storage.
- Make sure to provide a complete vehicle to the customer.

Because of the above reasons, all dealerships must always carry out the PDIs before delivering a vehicle.

In addition, all franchised shops and PDI centers must check the status of every vehicle received to identify who is responsible for any possible defects.

B: PDI PROCEDURE

Follow the procedures shown in the table below.

Static Checks Just After Vehicle Receipt

Step	Check point
1. Appearance check	(1) If the vehicle is covered with protective coating, visually check the vehicle body for damage and dents. If the protective coating has been removed, visually check the body paints for small areas of damage or stains. (2) Visually check the glass and light lenses for any damage and cracks or excessive gaps to the body sheet metal. (3) Visually check the plated parts for any damage.
2. Tire check	(4) Check the tires for damage, abnormal conditions, and dents on the wheels. (5) Check the tire air pressure.
3. Fuse installation	(6) If the vehicle is about to be delivered to the customer, attach a room lamp fuse.
4. Check the doors for lock/unlock and open/close operations.	(7) Using the key, check if the door can be locked and unlocked normally. (8) Open and close all doors to see that there are no abnormal conditions. (9) Operate the power door locking switch to check that all doors is locked and unlocked normally. (10) Operate lock knobs to check that the door locks operate normally.
5. Child door lock system operation check	(11) Check that the child lock system operates normally .
6. Power window operation check	(12) Check the power window for correct operations.
7. Check the trunk lid open/close operations.	(13) Operate the trunk lock release lever to check that the trunk opens normally. (14) Using the key, check if the trunk lid can be unlocked normally. (15) Open and close the trunk lid to see that there are no abnormal conditions. (16) Using the valet key, check if the trunk lid cannot be opened.
8. Check the rear gate for lock/unlock and open/close operations.	(17) Using the key, check if the rear gate can be lock and unlocked normally. (18) Open and close the rear gate to see that there are no abnormal conditions. (19) Operate the power door locking switch to check that the rear gate is locked and unlocked normally.
9. Operation check of trunk lid release handle	(20) Operate the trunk lid release lever to check the trunk is unlocked normally.
10. Operation check of fuel lid opener lock release lever	(21) Operate the fuel lid opener to check that the fuel lid is unlocked normally.
11. Accessory check	Check the following accessories are provided: <ul style="list-style-type: none"> • Owner's manual • Warranty booklet • Service booklet • Spare key • Jack • Tool set • Spare tire
12. Operation check of hood lock release system	(22) Operate the hood lock release lever to check that the hood opens normally.
13. Connection of air conditioner harness	(23) If the vehicle is about to be delivered to the customer, connect the air conditioner harness.
14. Battery	(24) Check the battery for any abnormal conditions such as rust and trace of battery fluid leaks.
15. Brake fluid	(25) Check the fluid amount.
16. Engine oil	(26) Check the oil amount.
17. Transmission fluid	(27) Check the fluid amount. (28) For AT, check the front differential oil.
18. AT front differential oil	(29) Check the AT front differential oil amount.
19. Coolant	(30) Check the coolant amount.

PRE-DELIVERY INSPECTION

PRE-DELIVERY INSPECTION

Step	Check point
20. Clutch fluid	(31) Check the clutch fluid amount.
21. Window washer fluid	(32) Check the window washer fluid amount.
22. Hood latch check	(33) Check that the hood is closed and latched securely.
23. Keyless entry system	(34) Check that the keyless entry system operates normally.
24. Security system	(35) Check that the security system operates normally.
25. Seat	(36) Check the seat surfaces for smears or dirt. (37) Check the seat installation conditions and functionality.
26. Seat belt	(38) Check the seat belt installation conditions and functionality.
27. Wheel alignment	(39) Check that the wheel alignments are properly adjusted.

Checks with the Engine Running

Step	Check point
28. Test mode connectors	(1) Disconnect the test mode connectors
29. Starting condition	(2) Start the engine and check that the engine starts smoothly.
30. Exhaust system	(3) Check that the exhaust noise is normal and no leaks are found.
31. Indicator light	(4) Check that all indicator lights operate normally.
32. Clock	(5) Check that the clock operates normally.
33. Radio	(6) Check that the radio system operates normally.
34. Cigarette lighter	(7) Check that the cigarette lighter operates normally.
35. Lighting system	(8) Check that the lighting systems operate normally.
36. Window washer	(9) Check that the window washer system operates normally.
37. Wiper	(10) Check that the wiper system operates normally.

Dynamic Test with the Vehicle Running

Step	Check point
38. Brake test	(1) Check that the foot brake operates normally.
39. Parking brake	(2) Check that the parking brake operates normally.
40. AT shift control	(3) Check that the AT shift patterns are correct.
41. Heater & ventilation	(4) Check that the heater & ventilation system operates normally.
42. Air conditioner	(5) Check that the air conditioner operates normally.
43. Cruise control	(6) Check that the cruise control system operates normally.

Checks after Dynamic Test

Step	Check point
44. ATF level	(1) Check that the ATF level is normal.
45. Power steering fluid level	(2) Check that the power steering fluid level is normal.
46. Fluid leak check	(3) Check for fluid/oil leaks.
47. Water leak check	(4) Spray the vehicle with water and check for water leaks.
48. Appearance check 2	(5) Remove the protective coating (wrap guards) if any. (6) Check the body paints for damage and smears. (7) Check the plated parts for damage and rust.

1. APPEARANCE CHECK

- If the vehicle is covered with protective coating (wrap guards), visually check the vehicle body for damage and dents.
- If there is no protective coating (wrap guards), check the body paints for small areas of damage or stains and repair as necessary.
- Check the window glass, door glass, and lights for any cracks or damage and repair or replace the parts as necessary.
- Check the plated parts, such as the grilles and door knobs, for damage or loss of gloss and repair or replace the parts as necessary.

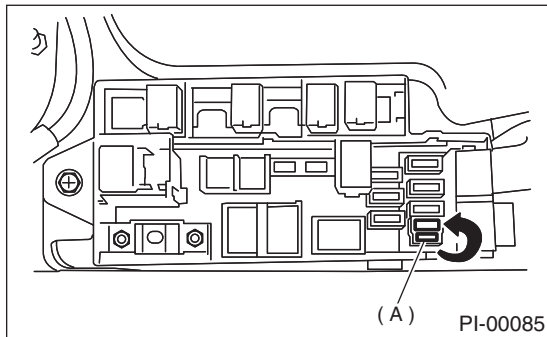
2. TIRE CHECK

- Check the tire outer faces for any damage.
- Check the tire air pressure by referring to the following table.

Tire size	Tire inflation pressure kPa (kg/cm ² , psi)	
	Front	Rear
P195/60R15 87H	220 (2.2, 32)	200 (2.0, 25)
P205/55R16 89V	220 (2.2, 32)	200 (2.0, 25)
215/45R17 87W	230 (2.3, 33)	220 (2.2, 32)

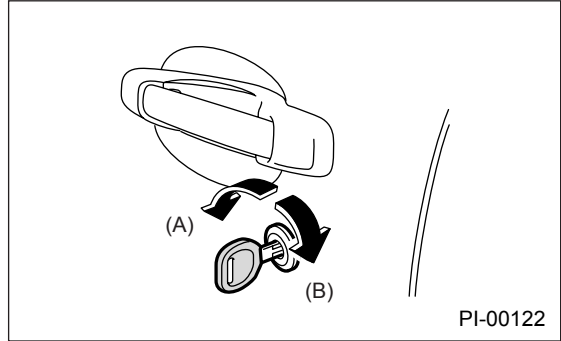
3. FUSE INSTALLATION

A vehicle just delivered has no fuses for the room lamp circuit to prevent battery discharge. Attach a 15 A fuse (A) as shown in the figure.



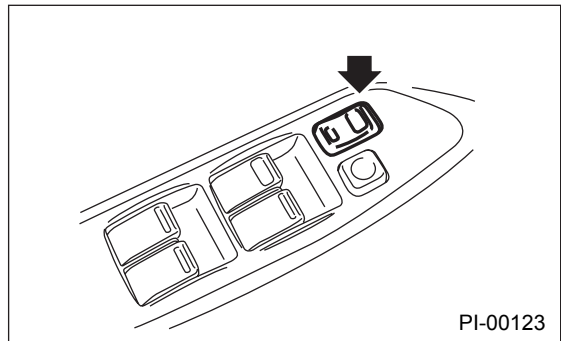
4. CHECK THE DOOR OPERATIONS, LOCK/UNLOCK AND OPEN/CLOSE, AS FOLLOWS.

Using the key, lock and unlock the door several times to check for normal operation. Open and close the door several times for smooth movement.

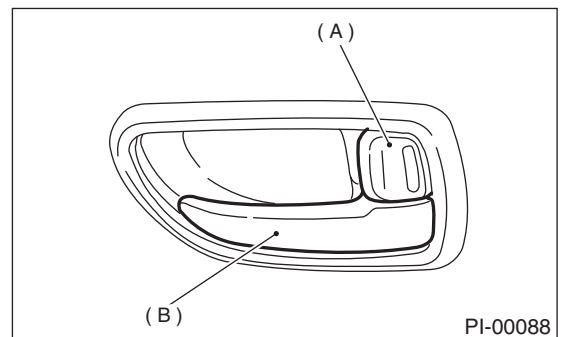


- (A) Unlock
- (B) Lock

Operate the power door locking switch on the front door arm rest, and check that all doors lock and unlock normally.



Sit in the driver's seat, close the door completely, and move the lock lever to the locked position. Then, pull the inner door handle to check that the door will not open. Check all remaining doors in the same manner.



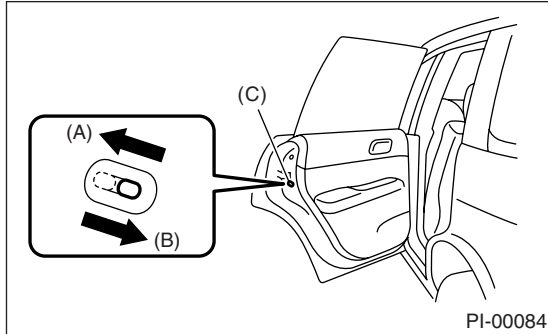
- (A) Lock lever
- (B) Inner door handle

PRE-DELIVERY INSPECTION

PRE-DELIVERY INSPECTION

5. CHILD SAFETY LOCK OPERATION CHECK

- 1) Place the child safety lock on the rear door to the locked position.
- 2) Close the rear door completely.
- 3) Make sure that the lock lever on the rear door is in the unlocked position. Then, check that the door cannot be opened by pulling the inner door handle on the rear door.
- 4) Check that the door can be opened by pulling the outer door handle on the rear door.



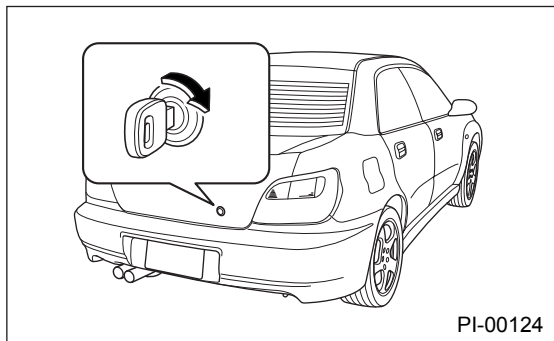
- (A) Unlock
- (B) Lock
- (C) Child safety lock

6. POWER WINDOW OPERATION CHECK

Manipulate the power window switches one by one to check that each of the power windows goes up and down with no abnormal noises.

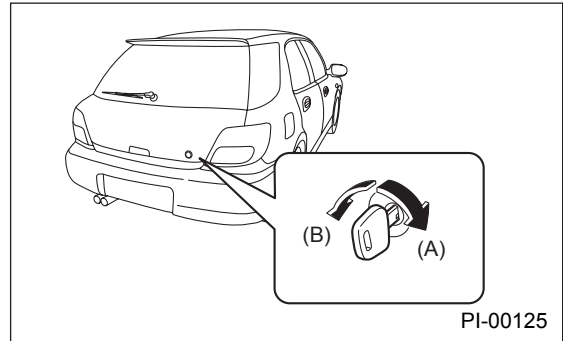
7. CHECK THE TRUNK LID OPERATIONS, OPEN/CLOSE, AS FOLLOWS.

- Operate the trunk lock release lever and verify that the trunk lid opens.
- Using the key, open the trunk lid several times to check for normal operation.
- Open and close the trunk lid several times for smooth movement.
- Check if the trunk lid cannot be opened with the valet key.



8. CHECK THE REAR GATE OPERATIONS, LOCK/UNLOCK AND OPEN/CLOSE, AS FOLLOWS.

- Using the key, lock and unlock the rear gate several times to check for normal operation.
- Open and close the rear gate several times for smooth movement.

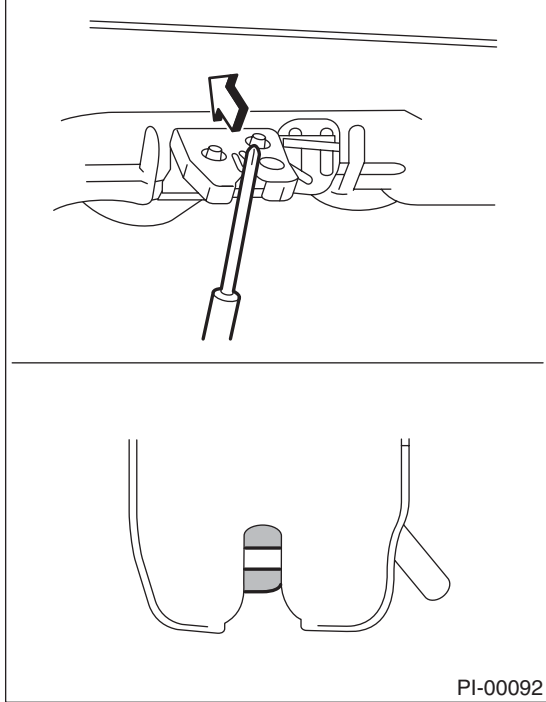


- (A) Unlock
- (B) Lock

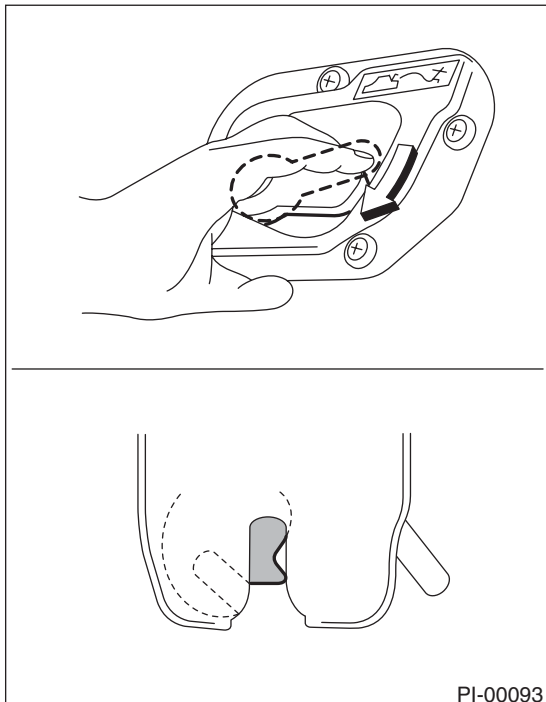
- Operate the power door locking switch to check that the rear gate is locked and unlocked normally.

9. OPERATION CHECK OF TRUNK LID RELEASE HANDLE

1) Use a screwdriver with a thin blade. Slide the screwdriver blade from the slit aperture of the lock assembly fully to the end until you hear a click. This places the latch in the locked position.



2) Move the release handle from outside the vehicle, in the direction of the arrow to check if the latch is released.



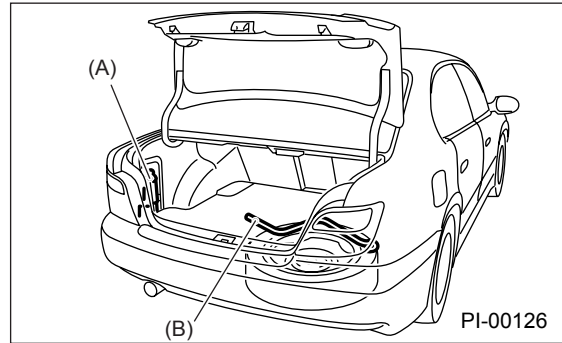
10. OPERATION CHECK OF FUEL LID OPENER LOCK RELEASE LEVER

Operate the fuel lid opener and verify that the fuel lid opens normally. Check that the filler cap is securely closed.

11. ACCESSORY CHECK

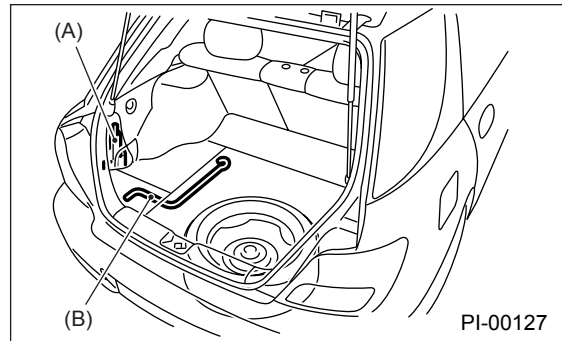
Check that the following accessories are provided in the luggage compartment or cargo area.

- Owner's manual
- Warranty booklet
- Service booklet
- Spare key
- Jack
- Tool set
- Spare tire
- Sedan



- (A) Jack
- (B) Jack handle

- Wagon



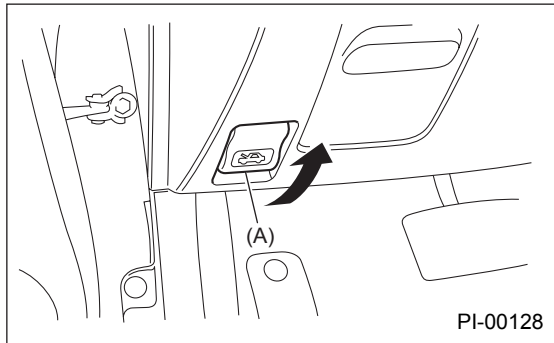
- (A) Jack
- (B) Jack handle

PRE-DELIVERY INSPECTION

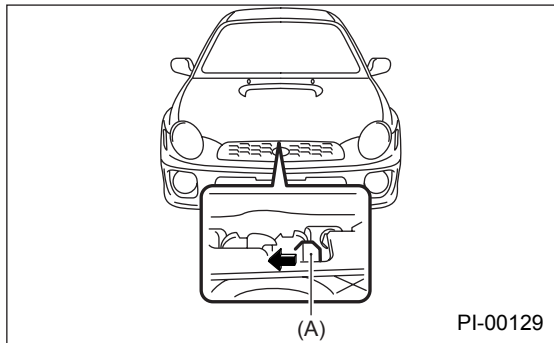
PRE-DELIVERY INSPECTION

12. OPERATION CHECK OF HOOD LOCK RELEASE SYSTEM

Operate the hood release knob (A) and check that the hood is unlocked normally.

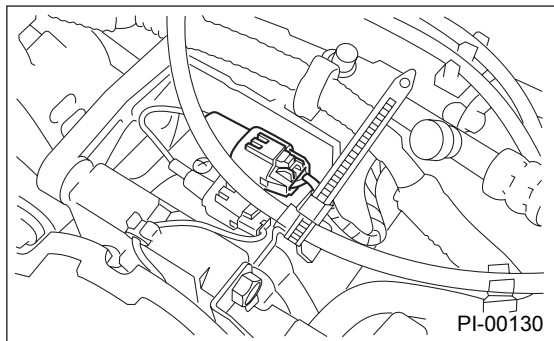


Operate the lever (A) and check that the hood is opened normally. Then support the hood with hood stay.



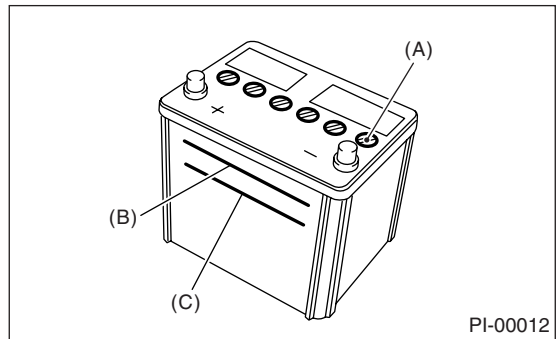
13. CONNECTION OF AIR CONDITIONER HARNESS

A vehicle just delivered has its air conditioner harness disconnected to protect the air conditioner compressor. Connect the harness as shown in the figure.



14. BATTERY

Check the battery terminals to make sure that no rust or corruptions due to fluid leaks are found. Check that the battery caps are securely tightened.



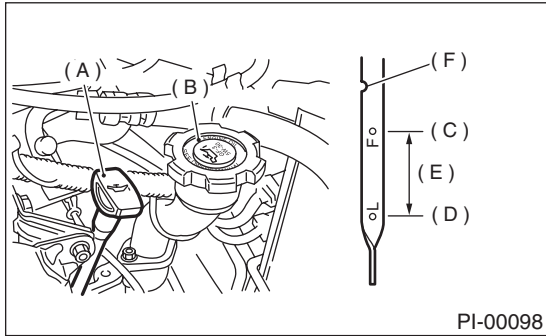
- (A) Cap
- (B) Upper level
- (C) Lower level

15. BRAKE FLUID

Check the brake fluid amount. If the amount is insufficient, carry out a brake line test to identify brake fluid leaks and check the brake operation. After that, refill the brake fluid tank with the specified type of fluid.

16.ENGINE OIL

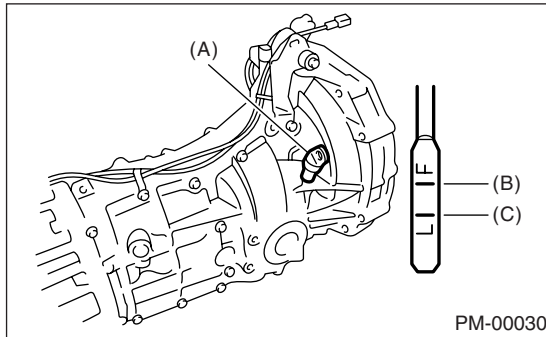
Check the engine oil amount. If the amount is insufficient, check that no leaks are found. Then, add the necessary amount of the specified engine oil.



- (A) Oil level gauge
- (B) Engine oil filler cap
- (C) Upper level
- (D) Lower level
- (E) About 1.0 liter (1.1 US qt, 0.9 Imp qt)
- (F) Notch mark

17.TRANSMISSION FLUID

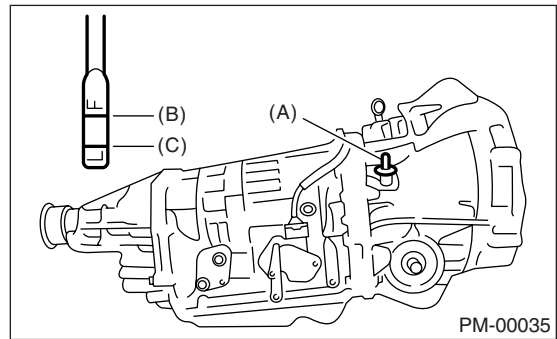
Check the transmission fluid amount. If the amount is insufficient, check that no leaks are found. Then, add the necessary amount of the specified fluid.



- (A) Oil level gauge
- (B) Upper level
- (C) Lower level

18.AT FRONT DIFFERENTIAL OIL

Check the AT front differential oil amount. If the amount is insufficient, check that no leaks are found. Then, add the necessary amount of the specified AT front differential oil.



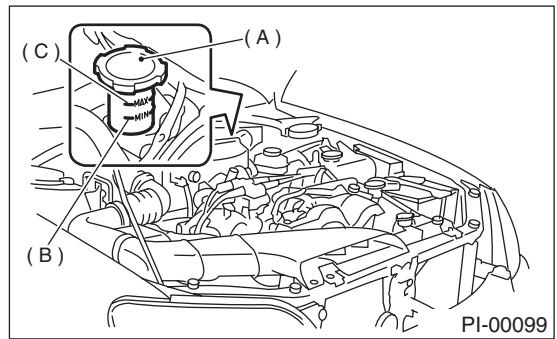
- (A) Oil level gauge
- (B) Upper level
- (C) Lower level

19.COOLANT

Check the coolant amount on the reservoir. If the amount is insufficient, check that no leaks are found. Then, add the necessary amount of coolant with the specified concentration.

20.CLUTCH FLUID

Check the clutch fluid amount. If the amount is insufficient, check that no leaks are found. Then, add the necessary amount of the specified fluid.



- (A) Reservoir tank
- (B) MIN level
- (C) MAX level

21.WINDOW WASHER FLUID

Check the window washer fluid amount. If the amount is insufficient, check that no leaks are found. Then, add the necessary amount of washer fluid commercially available.

22.HOOD LATCH CHECK

Retract the hood stay and close the hood. Check that the hood is securely latched.

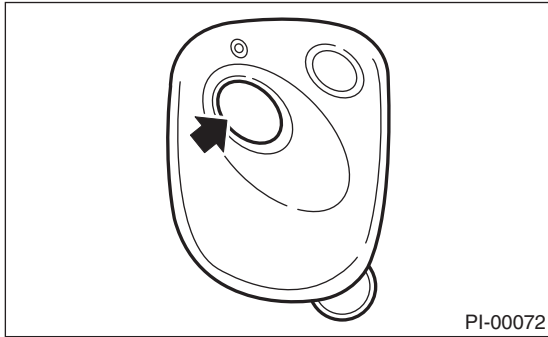
PRE-DELIVERY INSPECTION

PRE-DELIVERY INSPECTION

23. KEYLESS ENTRY SYSTEM

Check the keyless entry system operations as follows:

- Fully open all the door windows.
- Remove the key from the ignition switch and close all the doors including rear gate (wagon).
- Press the "LOCK/ARM" button on the transmitter momentarily once and check if all the doors are locked and the horn chirps once.

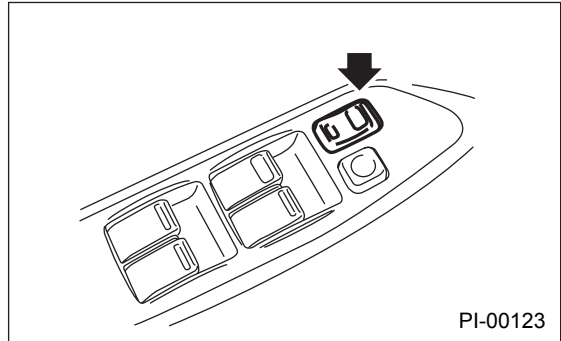


- Press the "UNLOCK/DISARM" button on the transmitter momentarily once and check if the driver's door is unlocked, the horn chirps twice and the dome light illuminates.



- Press the "UNLOCK/DISARM" button on the transmitter momentarily once again within five seconds and check if all the doors including the rear gate on wagon are unlocked.
- Press the "LOCK/ARM" button on the transmitter a little bit of time (approx. 2 sec.) and check if a panicking condition occurs; the horn sounds continuously. Also, check if that condition lasts for 30 seconds or until any button of the transmitter is pressed.
- Press the "LOCK/ARM" button on the transmitter momentarily once with one of the doors including the rear gate (wagon) open and check if the horn chirps three times to warn of a door ajar. Then, bring all the doors including the rear gate (wagon) in closed condition and check if all the doors are locked and the horn chirps once.
- Press the "LOCK" side of the power door locking switch with any one of the doors including the rear gate (wagon) open. Then, bring all the doors in-

cluding the rear gate (wagon) in the closed condition and check if all the doors are locked and the horn chirps once.



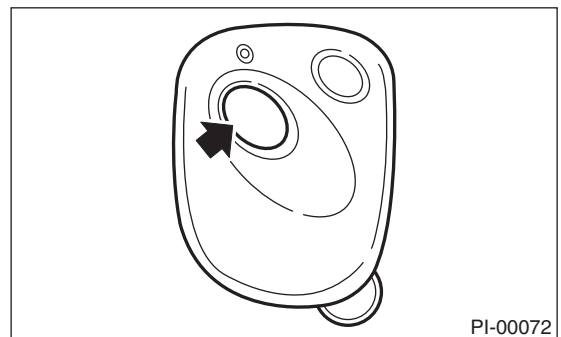
Check selecting audible signal operation.

- Using the horn, the system will give you an audible signal when the doors lock and unlock. If desired, you may turn the audible signal off. To turn the audible signal off, carry out the unlocking procedure of keyless entry system, then simultaneously depress LOCK/ARM and UNLOCK/DISARM buttons for more than two seconds. The horn will sound two times to inform you that the audible signal has been turned off. To turn the audible signal on again, carry out the unlocking procedure of keyless entry system, then simultaneously depress LOCK/ARM and UNLOCK/DISARM buttons for more than two seconds. The horn will sound one time to inform you that the audible signal has been turned on.

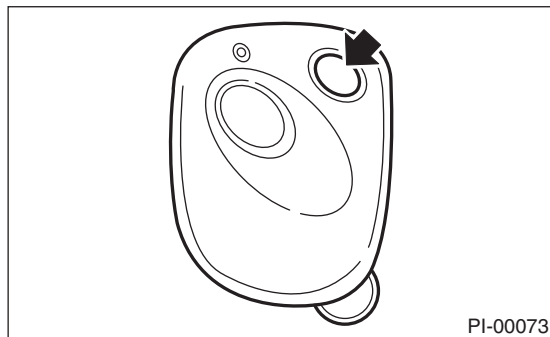
24. SECURITY SYSTEM

Check the security system operations as follows:

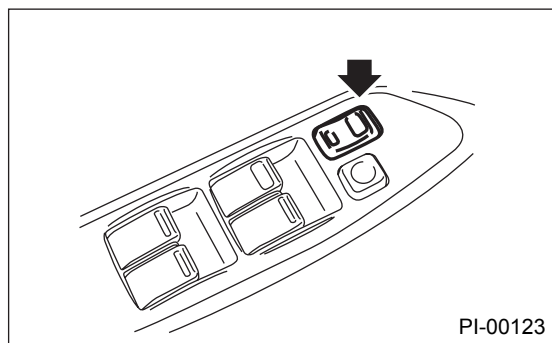
- Fully open all the door windows.
- Remove the key from the ignition switch and close all the doors including rear gate (wagon).
- Press the "LOCK/ARM" button on the transmitter momentarily once and check if all the doors are locked, the horn chirps once, the parking lights flash once and the security indicator light flashes slowly to ensure that the security system has been brought into the arming state.



- Press the “UNLOCK/DISARM” button on the transmitter momentarily once and check if the driver’s door is unlocked, the horn chirps twice, the parking light flash twice, the dome light illuminates and the security indicator light goes off to ensure that the system has been brought into the disarming state.



- Press the “UNLOCK/DISARM” button on the transmitter momentarily once again within five seconds and check if all the doors including the rear gate on wagon are unlocked.
- Press the “LOCK/ARM” button on the transmitter a little bit of time (approx. 2 sec.) and check if a panicking condition occurs; the horn sounds continuously, the parking lights flash and the security indicator light flashes rapidly. Also, check if that condition lasts for 30 seconds or until any button of the transmitter is pressed.
- Press the “LOCK/ARM” button on the transmitter momentarily once with one of the doors including the rear gate (wagon) open and check if the horn chirps three times to warn of a door ajar. Then, bring all the doors including the rear gate (wagon) in closed condition and check if the arming condition is brought about; all the doors are locked, the horn chirps once and the parking lights flash once.
- Press the “LOCK” side of the power door locking switch with any one of the doors including the rear gate (wagon) open. Then, bring all the doors including the rear gate (wagon) in the closed condition and check if all the doors are locked, the horn chirps once and the parking lights flash once to ensure that the security system has been brought into the arming state.



- Unlock a door using the inner lock knob or the key and open the door while the security system is in the arming state. Check to ensure that the alarming condition occurs, i.e. the horn sounds continuously, the parking lights flash and security indicator light flashes rapidly, and that it lasts for 30 seconds or until the “UNLOCK/DISARM” button on the transmitter is pressed. Also, check to ensure that turning the ignition key to the “START” position in the arming state does not cause the starter motor to turn, thus the engine being prevented from starting.
- Apply a continuous shock to the vehicle body with the security system in arming state, and check to ensure that the alarming condition occurs.
- Troubleshoot the security system if any one of the above-mentioned checks does not meet the requirements.

25. SEAT

Check that each seat provides full functionality in sliding and reclining. Check all available functions of the rear seat such as a trunk-through center arm rest.

26. SEAT BELT

- Pull out the seat belt and then release it. Check that the belt webbing retracts smoothly.
- Check the seatbelt warning light and chime operations.

27. WHEEL ALIGNMENT

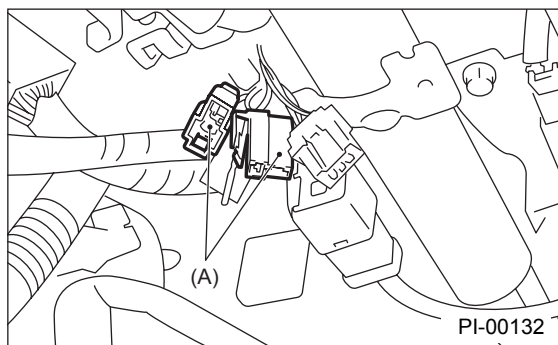
Check the wheel alignments. <Ref. to FS-8, Wheel Alignment.> and <Ref. to RS-9, Wheel Alignment.>

28. TEST MODE CONNECTOR

Turn the ignition switch to ON and check that the check-engine light starts blinking. If the light blinks, return the ignition key to LOCK and disconnect the test mode connector. Then, turn the ignition key to ON again. If the check-engine light blinks at that time in spite of the disconnected test mode connector, carry out an engine diagnosis.

PRE-DELIVERY INSPECTION

PRE-DELIVERY INSPECTION



(A) Test mode connector

29. KEY WARNING SYSTEM

Check that the chime sounds when the driver's door opens and the key is in the "LOCK" or "ACC" position.

30. STARTING CONDITION

Start the engine and check that the engine starts smoothly. If any battery voltage problems are found, recharge or replace the battery. If any abnormal noises are observed, immediately stop the engine and check and repair the necessary components.

31. EXHAUST SYSTEM

Listen to the exhaust noise to see if no abnormal noises are observed.

32. INDICATOR LIGHT

Check that all the indicator lights are off.

33. CLOCK

Check the clock for normal operations and enough accuracy.

34. RADIO

Check the radio for full functionality and normal noise level. Also check the CD unit operations.

35. CIGARETTE LIGHTER

Check the cigarette lighter operations.

36. LIGHTING SYSTEM

- Check the headlight operations.
- Check the brake light operations.
- Check the other lights for normal operations.
- Check the daytime running light system operations.
- Check the illumination brightness control system operations.

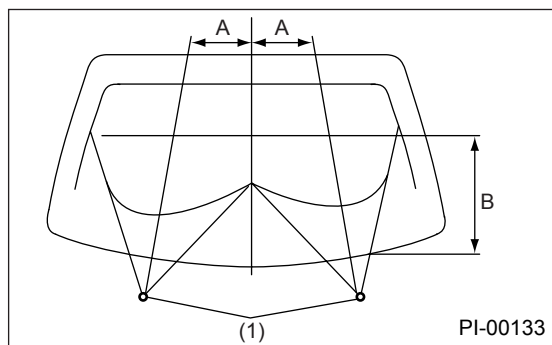
37. WINDOW WASHER

Check that the window washer system injects washer fluid to the specified area of the windshield shown in the figure.

Front Injection position:

A: 257mm (10.12 in)

B: 512mm (20.16 in)

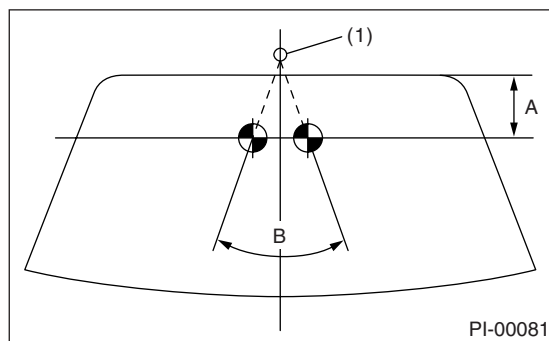


(1) Nozzle

Rear Injection position:

A: 39 mm (2.36 in)

B: 72°



(1) Nozzle

38. WIPER

Check the front and rear wipers for normal operations.

39. BRAKE TEST

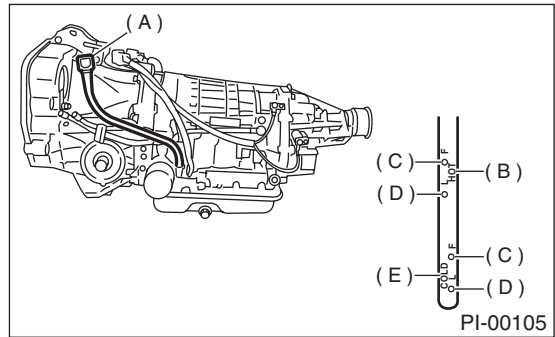
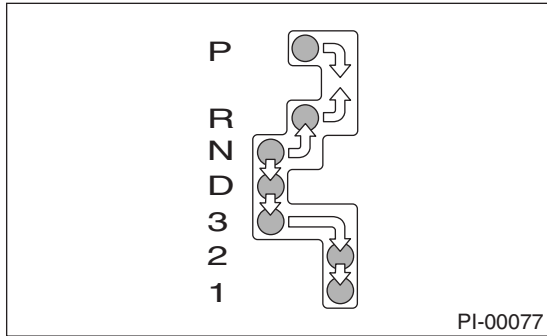
Check the foot brake for normal operations.

40. PARKING BRAKE

Check the parking brake for normal operations.

41. AT SHIFT CONTROL

Set the AT selector lever to each gear position while checking that the demanded gear position is correctly attained.



Selector Position	Gear Position			
	1st	2nd	3rd	4th
D	Yes	Yes	Yes	Yes
3	Yes	Yes	Yes	—
2	—	Yes	—	—
1	Yes	1	1	1

- (A) Level gauge
- (B) "HOT" side
- (C) Upper level
- (D) Lower level
- (E) "COLD" side

- Check the shift lock system operations.
- Check the key interlock system operations.

42. HEATER & VENTILATION

Operate the heater and ventilation system to check for normal airflow outlet control, air inlet control, air-flow capacity, and heating performance.

43. AIR CONDITIONER

Operate the air conditioner. Check that the A/C compressor operates normally and enough cooling is provided.

44. CRUISE CONTROL

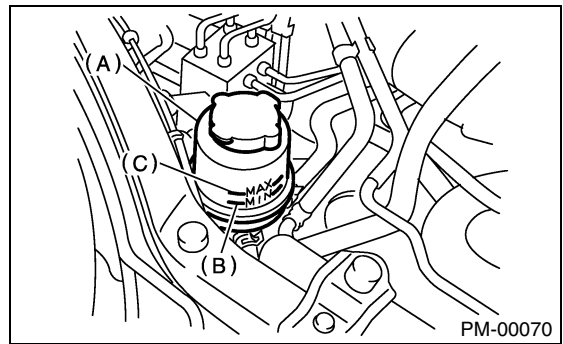
Operate the cruise control system. Check that the system is activated and deactivated correctly.

45. ATF LEVEL

Check that the ATF level is normal. If insufficient, check that no leaks are found. Then add the necessary amount of the specified ATF.

46. POWER STEERING FLUID LEVEL

Check that the power steering fluid level is normal. If insufficient, check that no leaks are found. Then add the necessary amount of the specified power steering fluid.



- (A) Reservoir tank
- (B) MIN level
- (C) MAX level

47. FLUID LEAK CHECK

Check the entire areas of the vehicle for any trace of coolant/oil/fluid leaks.

48. WATER LEAK TEST

Spray the vehicle with water and check that no water enters the passenger compartment.

- Before performing the water leakage test, remove anything that may obstruct the operation or which must be kept dry.
- Close all of the windows completely, and then close all of the doors tightly. Close the hood and trunk lid before starting the test.

PRE-DELIVERY INSPECTION

PRE-DELIVERY INSPECTION

- Connect a hose to a tap, and spray water on the vehicle. The rate of water discharge must be approx. 20 to 25 liters (5.3 to 6.6 US gal, 4.4 to 5.5 Imp gal) per minute.

When spraying water on areas adjacent to the floor and wheel house, increase the pressure. When directing water on areas other than the floor portion and wheel house, decrease the pressure. But the force of water must be made strong occasionally by pressing the end of the hose.

NOTE:

Be sure to keep the hose at least 10 cm (3.9 in) from the vehicle.

- Check the following areas:
 - Front window and body framework mating portion
 - Door mating portions
 - Glass mating portions
 - Rear quarter window mating portions
 - Rear window and body framework mating portion
 - Around roof drips
- If any dampness in the compartments is discovered after the water has been applied, carefully check all areas that may have possibly contributed to the leak.

49. APPEARANCE CHECK 2

1) Remove the protective coating (wrap guard) if any.

NOTE:

- Use of steam eases peeling off the wrap guard.
- When performing on the vehicles left for a long time, or during low temperature period, apply steam at 50 to 122°C (122 to 140°F) to the vehicle to raise its surface temperature before peeling off the wrap guard. Do not use the steam exceeding 60°C (140°F).
- If adhesive remains on the coated surface, rub the portion with a flannel rag, etc. soaked with a coat of coating wax or a solvent, such as oil benzene and IPA, and then wipe it off.
- Avoid adhesion of the solvent to resin or rubber components. Do not use coating wax or a solvent while the component surface temperature is high due to hot weather, etc.
- If the coated surface is swollen out due to seams or moisture, expose the vehicle to the sun light for a few hours. Otherwise, heat the portion with seams or moisture using a dryer, etc.
- Dispose of the peeled wrap guard as burnable industrial garbage.

2) Check the vehicle body paints, plated faces, glass, and lenses for any dirt or damage.