

1. WASHING VEHICLE

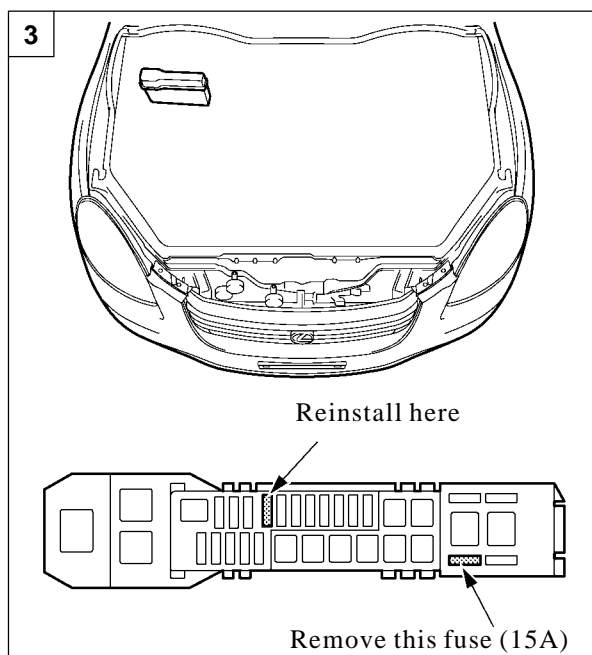
After thoroughly washing the vehicle, check it to make sure all the Rapgard has been removed.

Note: Hand washing of the vehicle is recommended.

2. WATER LEAK TEST

Visually and by hand check for water leaks in the vehicle interior from each of the following areas (make sure that the trim and floor carpet are not damp):

- a) Door glass weather strips
- b) Front cowl sides
- c) Around the front windshield
- d) Around the rear window
- e) Around the retractable hardtop



3. FUSE INSTALLATION

Install the 15-amp D/C CUT fuse in the engine compartment fuse block as shown. The fuse is removed at the factory prior to shipping to prevent battery discharge. The fuse is stored in the fuse block.

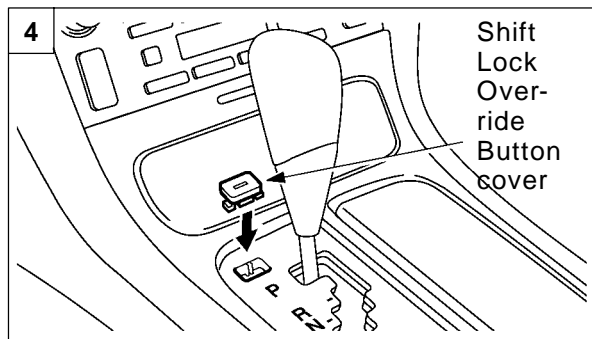
Note: When installing/removing the fuse, you should observe the following precautions:

All doors should be unlocked.

The key should not be left in either the ignition switch or in the vehicle.

One of the door windows should be kept open.

These precautions are necessary to prevent activation of the theft deterrent system prior to installing and/or removing the fuse.



4. SHIFT LOCK OVERRIDE BUTTON COVER INSTALLATION

Install the cover into the opening for the shift lock override button.

Note: The cover is in a plastic envelope attached to the transmission shift lever.

Note: This section represents an overview of the pre-delivery service only. For details of each inspection procedure, please refer to “Section III – Inspection Details” starting on page 15.

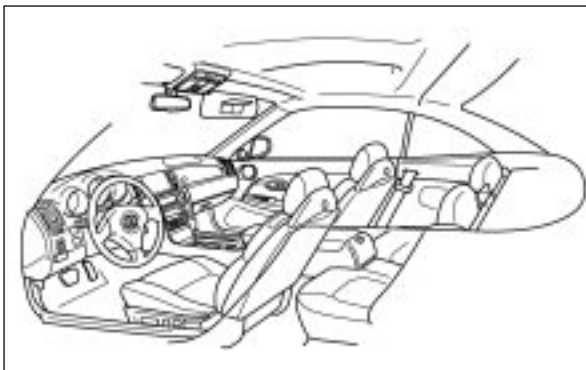
A. VEHICLE EXTERIOR



1. Inspect paint finish for blemishes, imperfections, scratches, etc.
2. Inspect exterior body parts for installation damage, rust, alignment, etc.
3. Check trunk lid operation.
4. Check door lock system and illuminated entry system operation.
5. Check wireless door lock remote control system operation.
6. Check theft deterrent system.
7. Check engine immobilizer system.
8. Check illumination of exterior lights.

For details, see p. 15–19.

B. VEHICLE INTERIOR

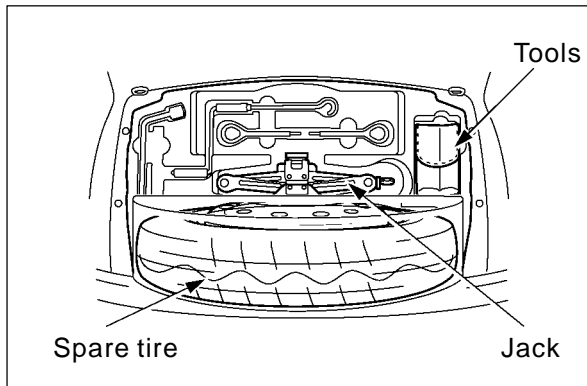


1. Inspect interior parts for dirt, damage and proper fit and alignment.
2. Inspect seat belts and operation.
3. Check power seats.
4. Check tilt and telescopic steering wheel.
5. Check outside rearview mirror operation.
6. Check front seat position memory system.
7. Check power windows and door locks.
8. Check trunk and fuel lid openers.
9. Check turn signals, headlights, high beams, emergency flasher indicator lights and horn operation.
10. Check wipers and washers.
11. Check headlight cleaner.
12. Check warning lights.
13. Check Trip Information Display.
14. Check Navigation System* operation.
15. Check air conditioning and heater.
16. Check seat heaters.

*Optional equipment

17. Check audio system.
18. Check clock.
19. Check cigarette lighter, ashtray and power outlet operation.
20. Check cup holder operation.
21. Check interior, personal, foot, vanity, door courtesy, glove compartment and ashtray lights.
22. Check inside rearview mirror.
23. Check garage door opener.
24. Check retractable hardtop.
25. Check on-board diagnostic system operation.

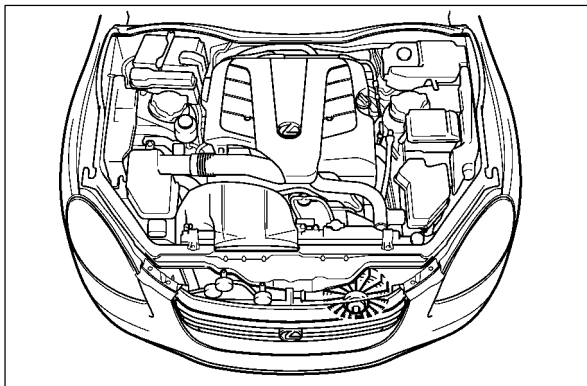
For details, see p. 20–35.



1. Check spare tire pressure.
2. Check spare tire and cover, jack tools, jack and jack handle.
3. Check operation of the manual fuel-lid release lever.
4. Inspect trim appearance and trunk mat fit.

For details, see p. 36.

D. UNDER HOOD



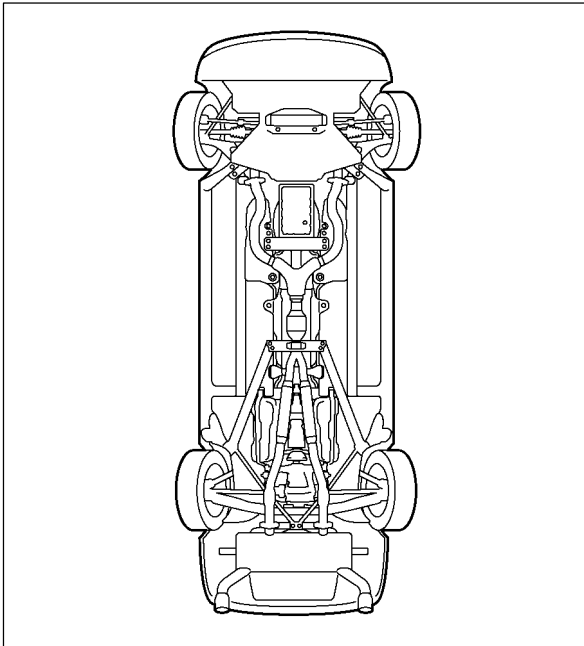
1. Check engine hood-lock release lever.
2. Check the engine oil level (engine not running).
3. Check brake fluid level.
4. Check power steering fluid level.
5. Check engine coolant fluid level.
6. Check washer fluid level.
7. Check battery terminal tightness and charge level.
8. Inspect wiring and hose condition.
9. Check engine operation (cold).
10. Check engine operation (during/after warm-up).
11. Check automatic transmission fluid level.
12. Check engine fans.
13. Inspect for fluid leaks.
14. Check headlight aim.
15. Install front license plate mounting bracket.

For details, see p. 37-42.

BEFORE LIFTING VEHICLE

1. Check wheel lug nut torque.
2. Install the wheel center caps.
3. Inspect tires for defects or damage.
Activate tire pressure sensing transmitters.
Adjust air pressure.

AFTER LIFTING VEHICLE



4. Remove disc brake anti-rust covers.
5. Inspect differential oil level.
6. Inspect chassis for leakage or damage.
7. Check and tighten all bolts on chassis.
8. Inspect exhaust system.
9. Install rubber body plugs into the torque box holes.

For details, see p. 43–46.

1. Check engine idle speed.
2. Check engine operation while driving.
3. Check brake and parking brake functions.
4. Check brake pedal height, free play and reserve stroke.
5. Check transmission operation.
6. Initialize Navigation System.*
7. Check ECT control functions, Vehicle Skid Control (VSC), and indicator lights.
8. Check cruise control operation.
9. Check steering operation and off-center.
10. Inspect for any abnormal noise or vibration.
11. Inspect for squeaks and rattles.

For details, see p. 47–51.

G. FINAL INSPECTION



1. Set ECT switch for customer comfort.
2. Set Navigation* Display cover to the “open” position.
3. Remove interior protective covers, etc.
4. Complete and sign the PDS Checksheet.
5. **Sign** the Teamwork in Quality Certificate.

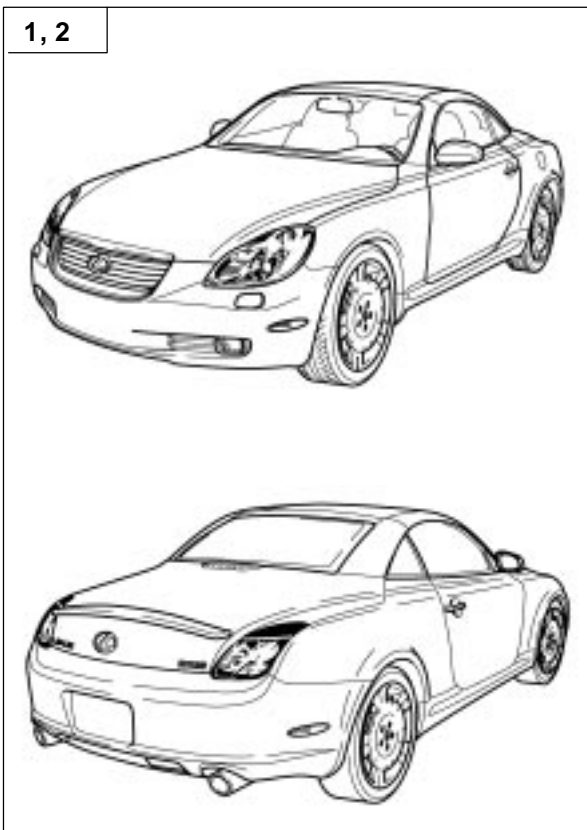
For details, see p. 52–53.

H. TWO HOURS BEFORE DELIVERY

1. Inspect glove box portfolio for contents and place inside the vehicle glove compartment.
2. Fill up fuel tank.
3. Wash and clean vehicle.

For details, see p. 54.

*Optional equipment



1. PAINT FINISH

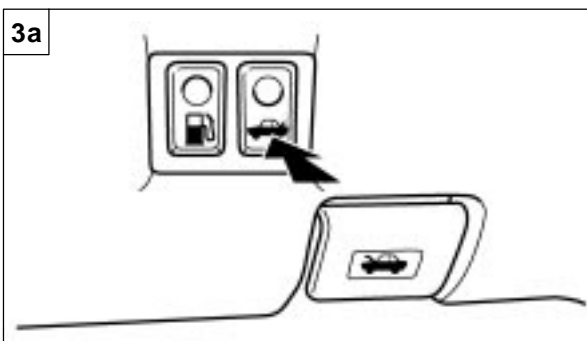
- a) Wash the vehicle. (Hand washing is recommended.)
- b) Visually and by hand inspect all body panels (doors, trunk lid, fenders, retractable hardtop) for surface damage from shipment or any abnormalities (surface rust, paint flaking, chips, dents or scratches).

Note: Use a well-illuminated area to clearly inspect all painted surfaces. 800-lux illumination is recommended.

2. EXTERIOR COMPONENT ALIGNMENT

Visually and by hand check the following parts for proper installation, rust, fit, misalignment and loose items:

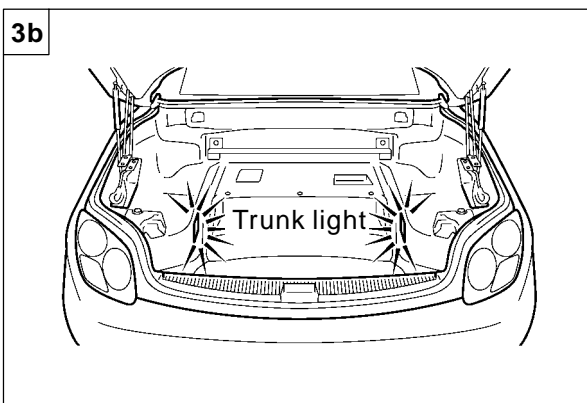
- a) Front and rear bumpers
- b) Window moldings (front, side and rear)
- c) Lexus emblems (front and rear)
- d) Outside rearview mirrors
- e) Headlights, turn signal lights, side marker lights, fog lights and taillight lenses
- f) Doors, engine hood, trunk lid and fuel door
- g) Retractable hardtop

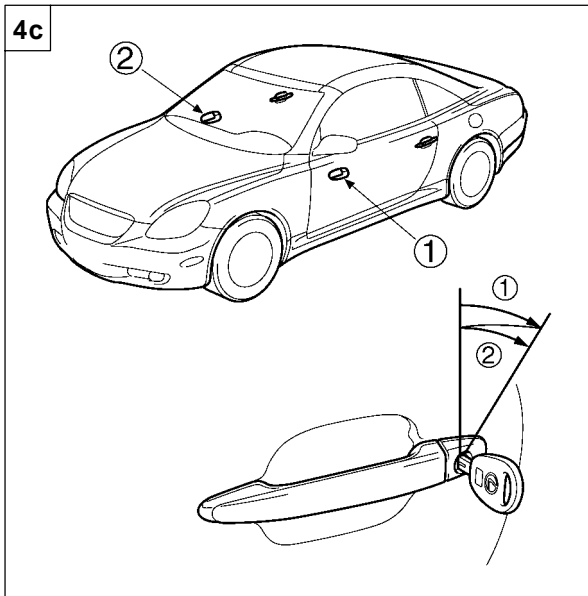


3. TRUNK LID

- a) Check opening and closing of the trunk lid. Each operation should be smooth.
- b) Check that the trunk lights illuminate when the trunk lid is open.

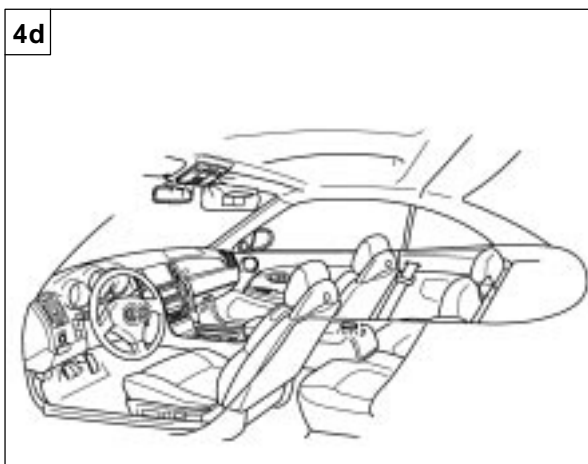
Note: The trunk lid will not open if the trunk lid opener main switch in the glove compartment is off.





4. DOOR LOCK SYSTEM AND ILLUMINATED ENTRY SYSTEM

- a) Check that all doors open and close smoothly using the interior and exterior door handles.
- b) Check that the doors cannot be opened by using the interior (passenger side only; the driver's side can be unlocked from the inside) and exterior door handles when the lock button is in the locked position.
- c) Check exterior key lock control system operation on driver's door (two-step unlock function):
 1. Turn the key once to unlock the driver's door.
 2. Turn the key twice to unlock the passenger's door.



- d) Check the illuminated entry system operation. The following lights will illuminate when the door is opened:

Interior lights (switch in the "DOOR" position)

Foot lights

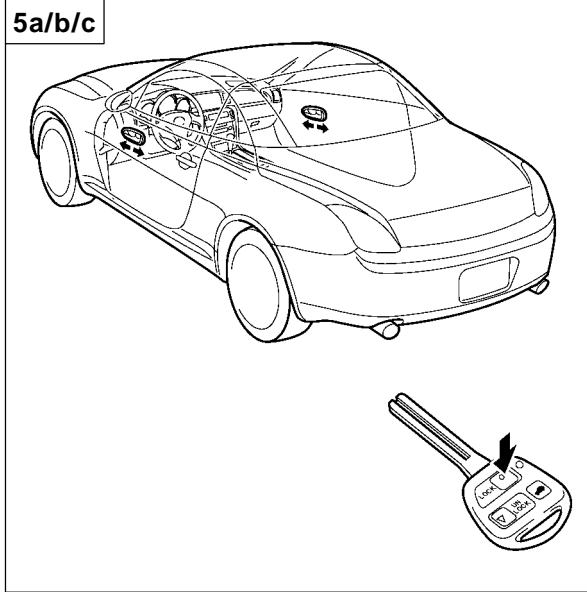
Scuff plate lights

Seat belt inner buckle lights

Ignition key cylinder light

Door courtesy lights

Note: When all doors are closed, all lights (except door courtesy lights) will remain on for about 15 seconds and then fade out. However, lights will fade out immediately when all doors are locked or the ignition key is turned to the "ACC" or "ON" position.



5. WIRELESS DOOR LOCK REMOTE CONTROL SYSTEM

Inspect the five functions of the system.

a) Locking the doors

1. Close all the doors.
2. Push the "LOCK" button on the master key to lock all the doors from outside the vehicle.

Note: Both turn signal lights will flash one time, sounding one beep. However, when you push the "LOCK" button with either door not closed securely, the buzzer sounds for 10 seconds or until both doors are closed securely.

b) Unlocking the doors

1. Push the "UNLOCK" button on the master key once to unlock the driver's door.
2. Push the "UNLOCK" button again within 3 seconds from unlocking the driver's door to unlock the passenger's door.

Note: The interior light will come on for about 15 seconds and both turn signal lights will flash two times, sounding two beeps.

3. Check that both doors automatically relock after 30 seconds when neither door is opened.

c) Unlocking the trunk lid

1. Keep the "TRUNK LID" button depressed for about one second to unlock the trunk lid.

Note: A single beep will sound.

d) Opening the windows

1. Keep the "UNLOCK" button depressed for about three seconds to roll down all the windows. When the button is released, the windows will stop opening.

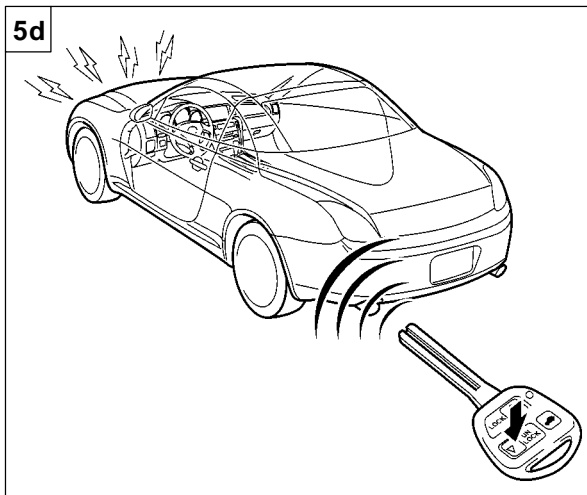
Note: As the windows start to roll down, a single beep will sound.

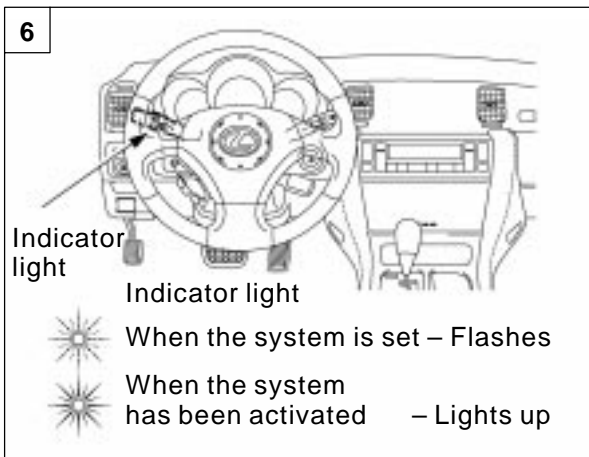
e) Sounding the alarm

1. Keep the "LOCK" button depressed for about three seconds to sound the alarm.

Note: All the headlights, taillights and turn signal lights flash.

2. To cancel the alarm, depress any of the buttons.



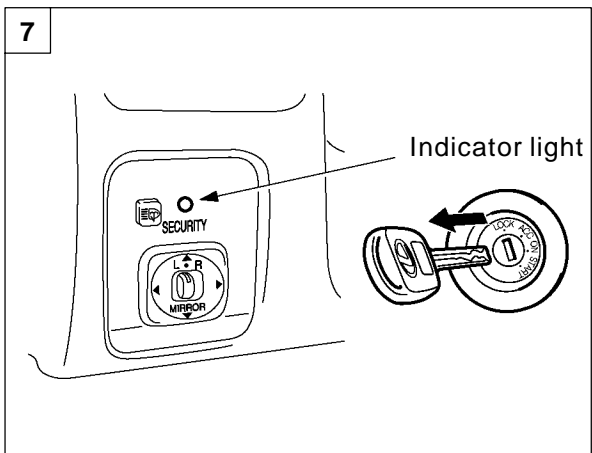


6. THEFT DETERRENT SYSTEM

With the doors, hood and trunk lid locked, check that the system operates properly.

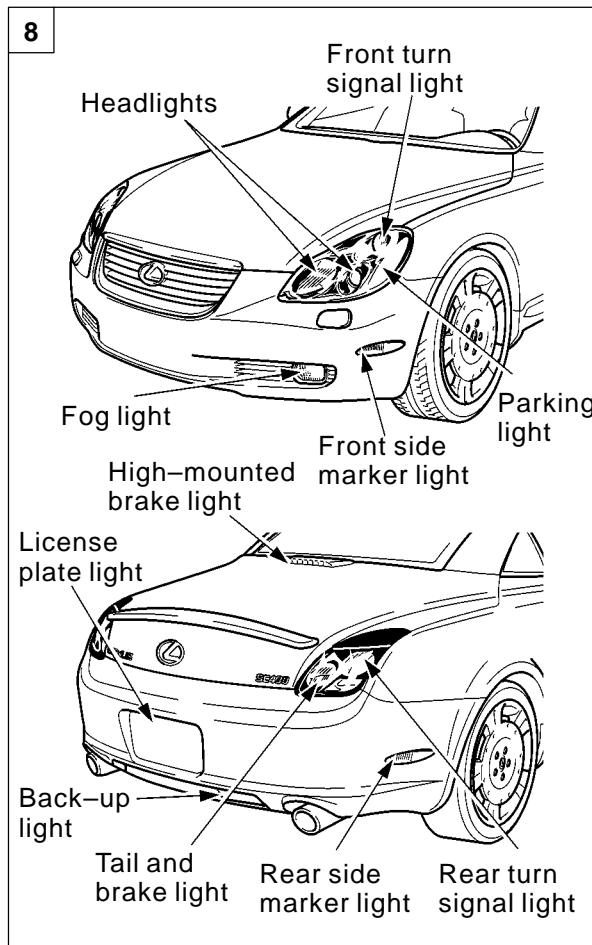
System test:

- a) Open the windows.
- b) Lock the doors using the key or wireless door lock system. Be sure to wait until the security light on the dash starts to flash.
- c) Unlock one of the doors using the inside door lock. The system should activate the alarm (sounding of the horn, blinking of the headlights, taillights and emergency flasher, lighting up interior lights).
- d) Cancel the system by unlocking either door with the key or remote.



7. ENGINE IMMOBILIZER SYSTEM

- a) Check that the security indicator flashes when the key is removed from the ignition switch.
- b) Check that the engine can be started using all keys (master and sub keys as well as card key).
- c) Check that the security indicator turns off when the master or sub keys are inserted into the ignition switch.
- d) Remove the key plate from the card key case and insert into the ignition switch. Check that the security indicator goes out when bringing the arrow head of the card key case closer to the ignition switch.

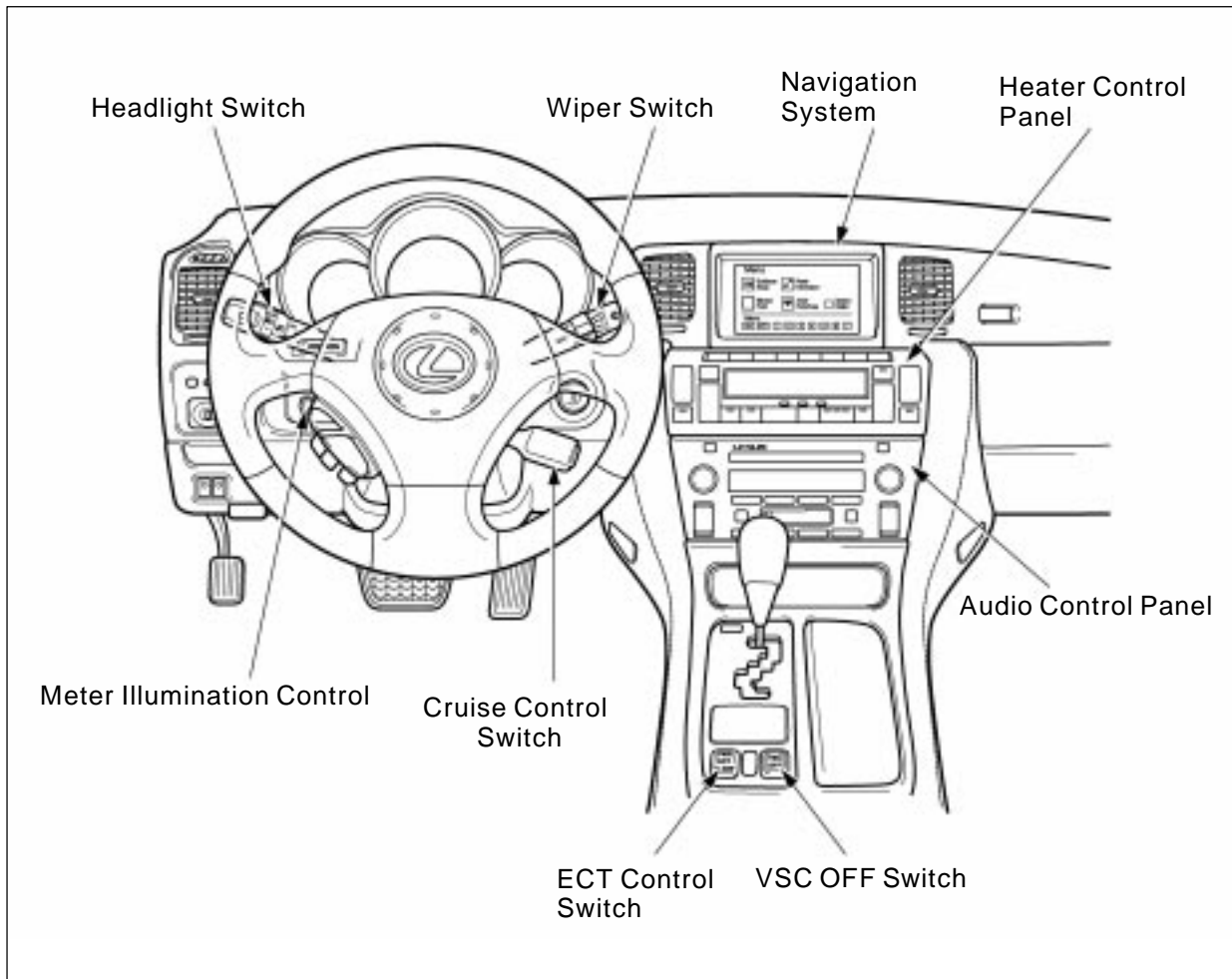


8. HEADLIGHTS, PARKING, SIDE MARKER, TAIL, TURN SIGNAL, FOG, LICENSE PLATE, BRAKE AND BACK-UP LIGHTS

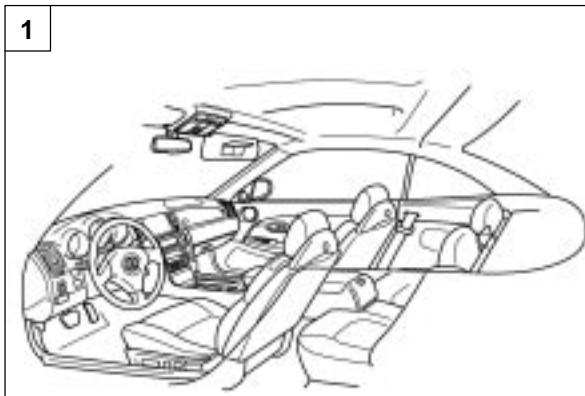
Walk around the vehicle and check that the following lights illuminate:

- a) Headlights
- b) Parking lights
- c) Side marker lights
- d) Taillights
- e) Turn signal lights
- f) Fog lights
- g) License plate lights
- h) Brake and high-mounted brake lights (when brake pedal is depressed)
- i) Back-up lights (when shift lever is placed in "R" with the ignition in the "ON" position)

ELECTRICAL SYSTEM / ACCESSORY CONTROLS



Note: Inspect interior parts after removing the factory interior protective covering. To prevent the battery from being discharged, the engine should be running when turning on the electrical control switches.



1. INTERIOR PARTS

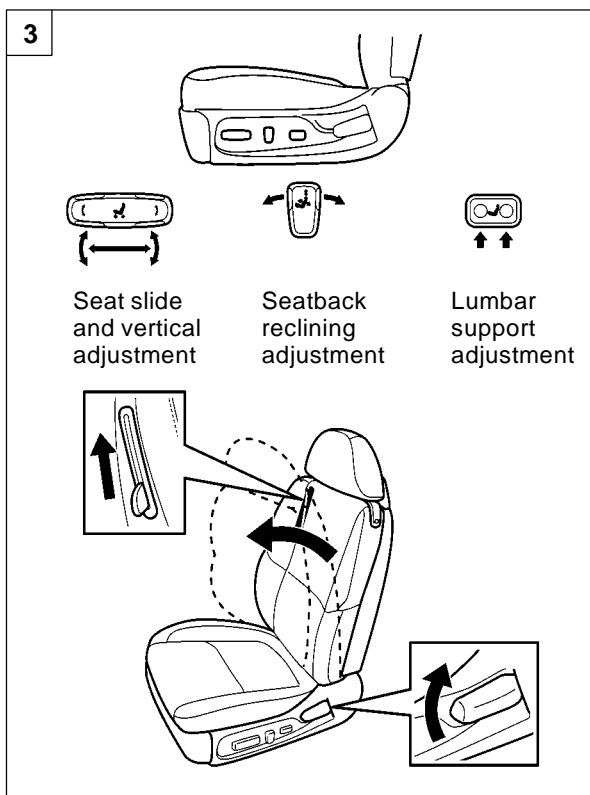
Visually inspect the appearance of the following interior parts for dirt, damage, and proper fit and alignment:

- a) Instrument panel, dashboard and glove compartment
- b) Front pillar and sun visors
- c) Door trim
- d) Seat upholstery, floor carpeting and door scuff plates
- e) Console box
- f) Steering wheel



2. SEAT BELTS

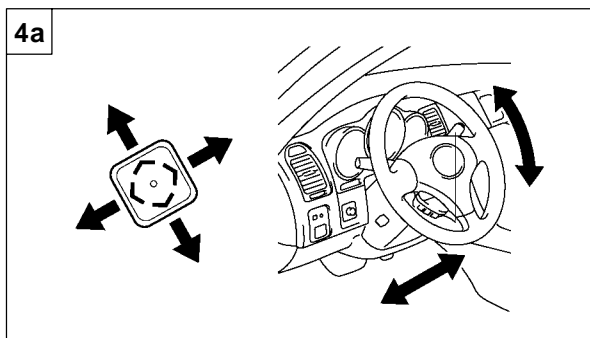
- a) Check seat belt operation.
- b) Check that each belt extends and retracts smoothly.
- c) Check that the belts are not twisted.
- d) Check that the buckles lock securely and release smoothly.



3. POWER SEATS

Check that the driver's and front passenger's seats slide smoothly, recline properly and lock securely in any position.

- Seat slide adjustment
- Seatback reclining adjustment
- Seat vertical adjustment
- Lumbar support adjustment
- Seatback lock release levers



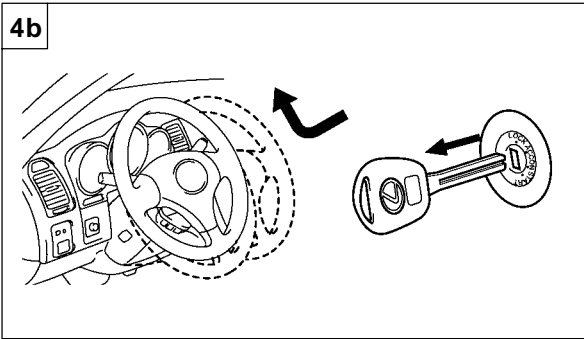
4. TILT AND TELESCOPIC STEERING WHEEL

Check tilt and telescopic steering wheel operation.

a) Manual Switch Operation

Tilt Steering Wheel: With the ignition key inserted in the ignition, push the control switch up or down to set the steering wheel to the desired height position.

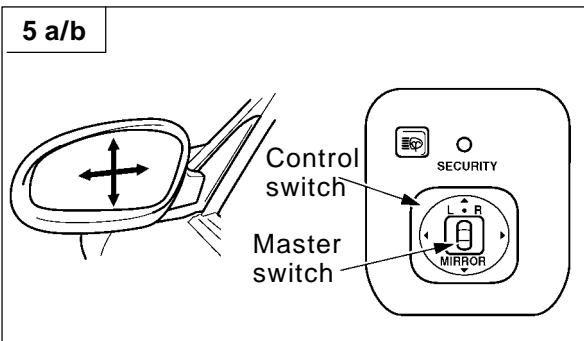
Telescopic Steering Wheel: With the ignition key inserted in the ignition, push the control switch forward or backward to set the steering wheel in the desired position.



b) Auto Tilt-Away Operation

When the ignition key is removed, the steering column moves forward and tilts up and away from the driver.

When the key is inserted in the ignition, the steering column returns to the previously set position.



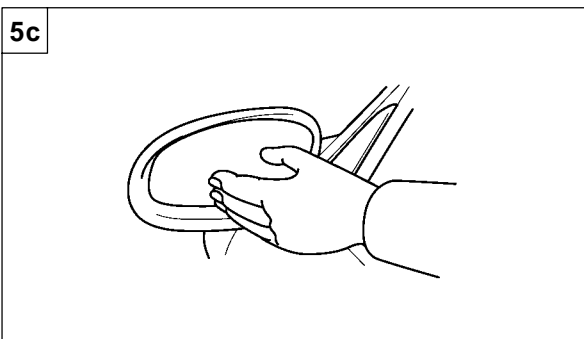
5. OUTSIDE REARVIEW MIRRORS

a) Check the power outside rearview mirror operation with the key in the “ACC” position.

Operate the master switch “R” and “L” and move the control switch in the desired direction (up, down or side-to-side). Check that the mirrors operate smoothly.

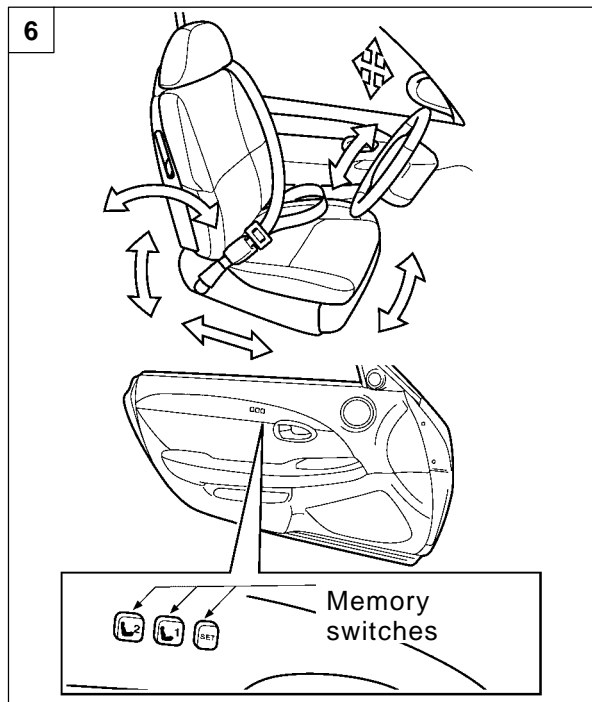
b) With the key in the “ON” position, check that the mirrors move down quickly when shifting into the “R” position.

Note: The main switch must be in the “L” or “R” position.



c) Check the operation of the mirror heaters.

Note: The mirror heaters are activated when the rear window defogger is “ON.”



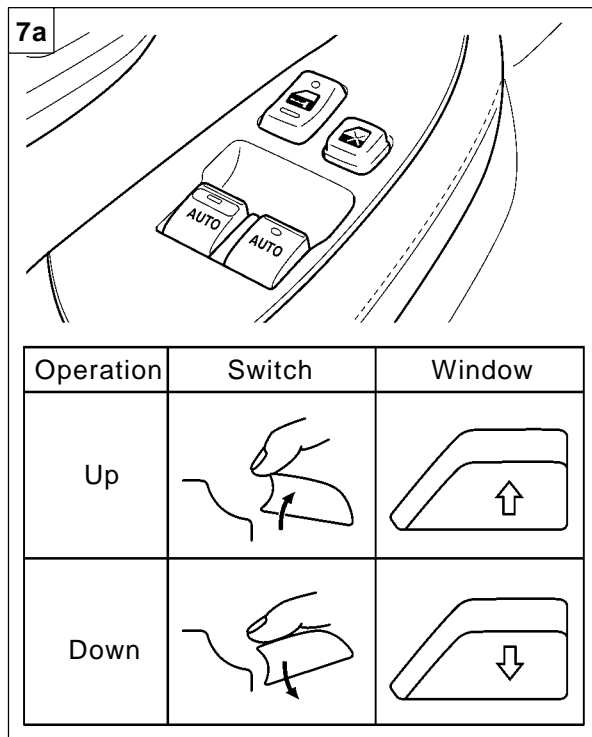
6. FRONT SEAT POSITION MEMORY SYSTEM

With the key in the “ON” position and the shift lever in “P,” test the following operations:

Adjust the driver’s seat, tilt and telescopic steering wheel and outside rearview mirrors to the desired positions.

With the “SET” button depressed, hold down button “1” or “2” until the beep sounds.

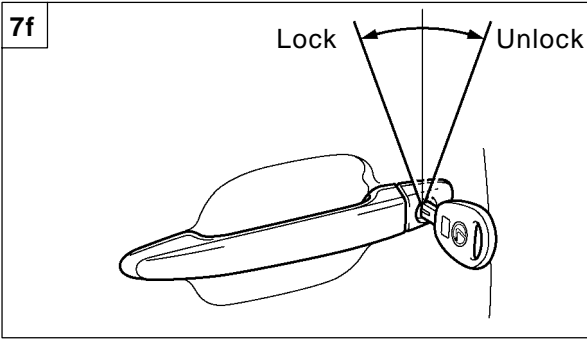
Check both buttons (1 and 2) to make sure that all memorized settings operate correctly.



7. POWER WINDOWS AND DOOR LOCKS

- With the ignition “ON,” operate the power window switch on each door. Check that the power window operation in both the up and down direction is smooth.
- Check that the passenger’s window cannot be operated after the window lock switch is on.
- Check operation of the power door lock switches from the driver’s side and passenger door.
- With the key in the “ACC” or “LOCK” position and the driver’s door open, check that the warning buzzer sounds and the door will not lock.
- With the doors closed, check that the power windows can be fully operated after the ignition key has been turned to the “ACC” or “LOCK” position.

Note: This feature is canceled after 45 seconds or if either door is opened.

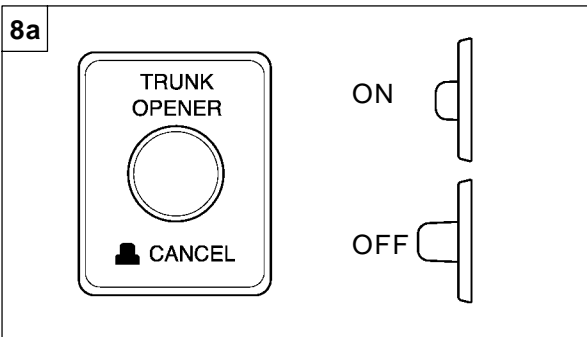


f) Check the operation of the window from outside the vehicle:

To close the window, insert the key into the door key cylinder and turn it in the locking direction.

To open the window, turn the key in the unlocking direction.

Note: The key must be held in the lock or unlock position for the window to close or open.

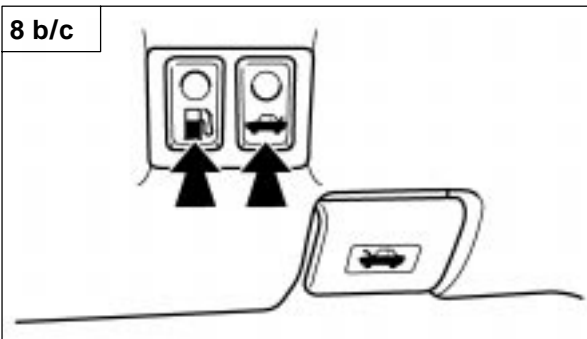


8. TRUNK AND FUEL LID OPENERS

a) Check that the trunk lid opener does not operate when the main switch in the glove compartment is "OFF."

b) Check operation of the trunk lid opener.

c) Check operation of the fuel lid opener.



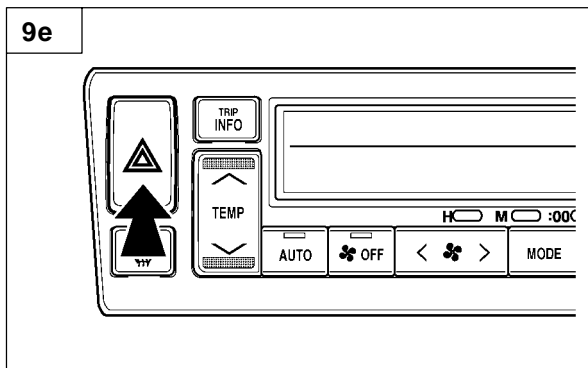
| | |
|----------|---|
| 9a/b/c/d | |
| | Right turn signal lights turn on |
| | Left turn signal lights turn on |
| | Parking, tail, license plate, side marker and instrument panel lights turn on |
| | Headlights also turn on |
| | Automatic light control |
| | High beam |
| | Headlight flasher |

9. TURN SIGNAL, HEADLIGHT, HIGH BEAM, AND EMERGENCY FLASHER INDICATOR LIGHTS AND HORN

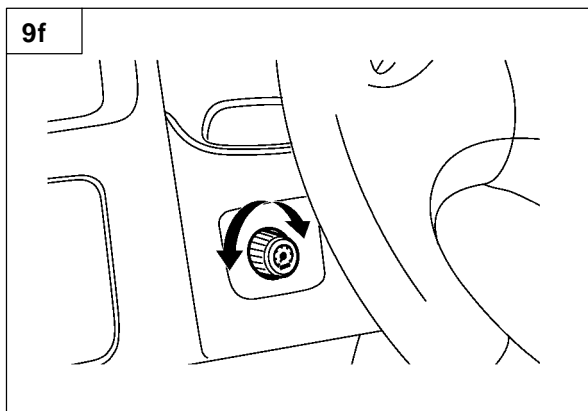
- a) With the key “ON,” check that the turn signal indicator lights on the instrument panel illuminate when the turn signal lever is moved up or down.
- b) Check that the headlight indicator light illuminates when the headlights are on.

Note: Headlights automatically turn off about 30 seconds after the ignition key is removed and the driver’s door is opened and closed.

- c) Check the operation of the automatic light control function.
- d) Check that the high beam indicator light illuminates when the high beams are on.



- e) Check that the turn signal indicator lights blink when the emergency flasher switch is on.



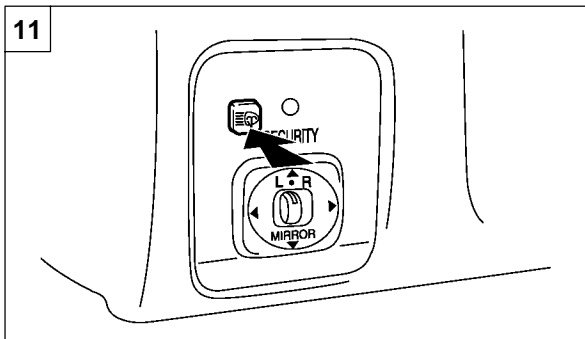
- f) Check to make sure the instrument panel light control knob operates properly. Check that it turns from bright to dark with lights on and lights off.
- g) Check that the horn sounds when the horn button is depressed.

| | | |
|-----------|--|------------------------|
| 10 | | Mist wiper operation |
| | | Intermittent operation |
| | | Low speed operation |
| | | High speed operation |
| | | Washer on |

10. WIPERS AND WASHERS

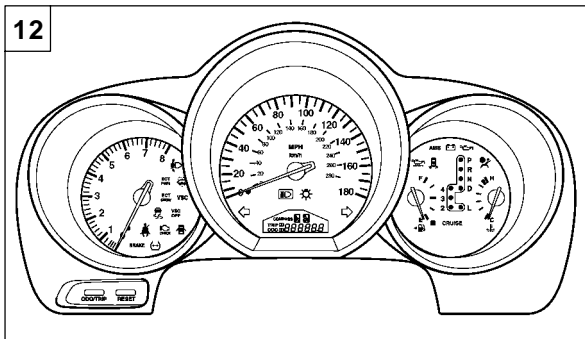
With the ignition switch “ON”:

- a) Push the tip of the wiper switch and check that washer fluid squirts onto the proper area of the windshield and that wipers activate. Wipers will make one additional pass after a three-second delay.
- b) Check wiper speed operation on mist, intermittent, low and high cycles. Check that the wiper blades wipe off the washer fluid completely.
- c) The wipers should not make any abnormal noise when operating.



11. HEADLIGHT CLEANER

With the key “ON” and the headlights “ON,” push the headlight cleaner switch and check that washer fluid squirts onto the headlights.



12. WARNING LIGHTS

With the key “ON,” check illumination of the following warning and/or indicator lights:










- ABS
- SRS Airbag
- VSC
- VSC OFF
- Slip
- Low Tire Pressure

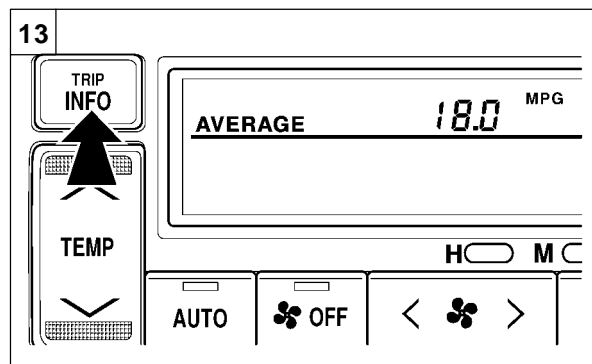
Note: ABS, VSC OFF, VSC, Slip and Low Tire Pressure indicator lights go off after about three seconds and airbag indicator light goes off after about six seconds.

Note: The tire pressure warning light will remain on until all tire pressure sensing transmitters are activated during Pre-Delivery Service (see section E “Under Vehicle”).

Refer to “Warning Lights and Buzzers” on page 19 for details.

| Warning Lights and Buzzers | | |
|----------------------------|---|--|
| Light & Buzzer | Function | |
| BRAKE | Brake System Warning Light | <p>Parking Brake Reminder</p> <p>If this light is on, make sure the parking brake is fully released. The light should go off.</p> <p>Low brake fluid level warning.</p> <p>EBD (Electronic Brake Force Distribution) system and/or brake system failure</p> <p>This light comes on when the EBD system and/or brake system failure is detected.</p> <p>Lamp check</p> <p>This light comes on for about 3 seconds to check the lamp after the key is turned to the "ON" position.</p> |
| | Seat Belt Warning Light and Buzzer | The light comes on if the driver is not wearing a seat belt. The buzzer will operate for about 4 to 8 seconds each time the key is turned to "ON" or "START" if the driver's seat belt is not fastened. |
| PASSENGER | Front Passenger's Seat Belt Reminder Light | Once the key is turned to "ON" or "START," the reminder light flashes if a passenger sits in the front passenger's seat and does not fasten the seat belt. Unless the front passenger fastens the belt, the light remains flashing. |
| CRUISE | Cruise Control Indicator Light | This light comes on when the main switch is turned on. This means that the system is in the ready mode. |
| ECT PWR | ECT Power Mode Indicator Light | This light comes on when the driving pattern selector switch on the "PWR" side is pushed on. This means that the system is in this mode. |
| ECT SNOW | ECT Snow Mode Indicator Light | This light comes on when the driving pattern selector switch on the "SNOW" side is selected. This means that the system is in this mode. |
| VSC | Vehicle Skid Control Warning Light | This light comes on when the ignition key is turned to "ON" and goes off after 3 seconds. This indicates that the system is operating properly. The light stays on only when there is a problem with the VSC system. |
| VSC OFF | Vehicle Skid Control System OFF Indicator Light | This light comes on when the ignition key is turned to "ON" and goes off after 3 seconds. This indicates that the system is operating properly. This light stays on when the "VSC OFF" switch is selected or if there is a problem with the VSC system. |
| | Traction Control Slip Indicator Light | This light comes on when the key is turned "ON" and will go off after about 3 seconds. This light will flash when the traction control system is operating. |
| | SRS Airbag Warning Light | This light will come on when the key is turned "ON." After about 6 seconds, the light will go off. This means that the system is operating properly. |
| | Discharge Warning Light | This light comes on if the battery is being discharged. |
| | Low Engine Oil Pressure Warning Light | This light comes on if the engine oil pressure is too low. |
| | Low Engine Oil Level Warning Light | This light comes on if the engine oil is too low. |

| Light & Buzzer | Function | |
|---|---|---|
|  | Malfunction Indicator Lamp | This lamp comes on if there is a problem somewhere in the engine electrical system, automatic transmission electrical system or electronic throttle control system, the fuel tank is completely empty or the fuel tank cap is not tightened securely. |
| ABS | Anti-lock Brake System Warning Light | This light comes on when the key is turned "ON" and will go off after 3 seconds. This means that the system is operating properly. The light warns that there is a problem somewhere in the anti-lock braking system. |
|  | Open Door Warning Light | This light remains on until all doors are completely closed. |
|  | Rear Light Failure Warning Light | If this light comes on when the headlight switch is turned "ON" (at the first or second clickstop), one or more of the taillights are burned out. If it comes on when the brake pedal is depressed, one or more stop lights are burned out. |
|  | Low Washer Fluid Warning Light | This light comes on when the washer fluid in the tank becomes nearly empty. |
|  | Automatic Headlight Leveling System Warning Light | This light comes on if there is a problem somewhere in the automatic headlight leveling system. |
|  | Low Tire Pressure Warning Light and Chimes | This light comes on when the key is turned "ON" and will go off after 3 seconds. The light and chimes come on if the tire pressure is too low. |
|  | Low Fuel Level Warning Light | This light comes on when the fuel level in the tank becomes nearly empty. |
|  | Key Reminder Buzzer | This buzzer reminds you to remove the key when you open the driver's door with the key in the "ACC" or "LOCK" position. |
|  | Open Retractable Hardtop Warning Chimes | The chimes sound when the retractable hardtop is not closed or opened completely during driving. |



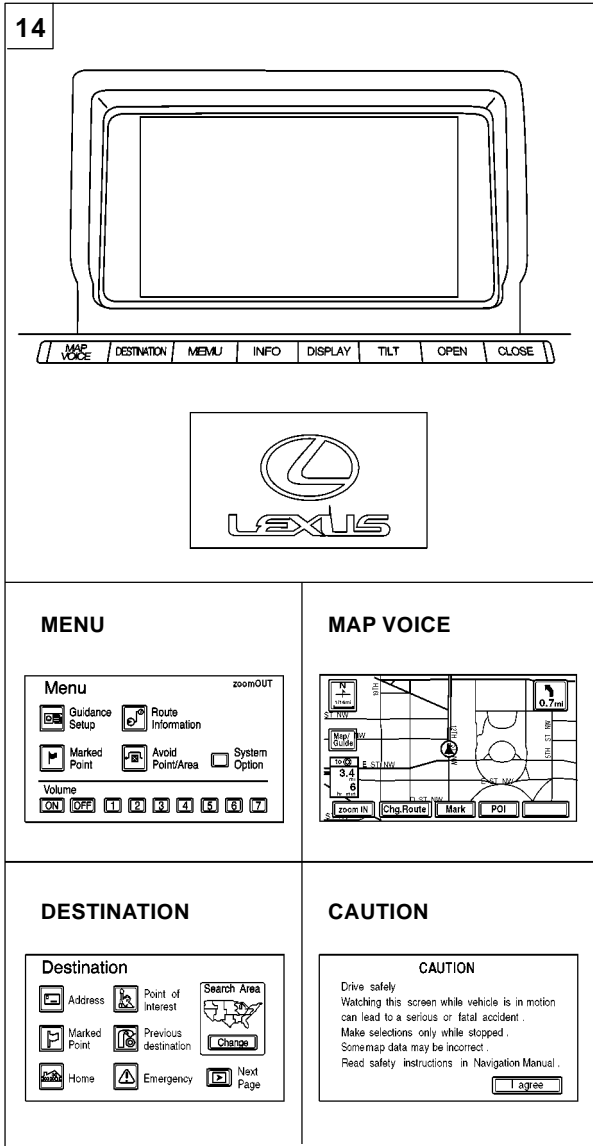
13. TRIP INFORMATION DISPLAY

The Trip Information Display provides information on vehicle driving conditions. Review the following functions:

With the key “ON,” select “TRIP INFO” and cycle through the following modes:

- Available driving distance
- Average fuel consumption
- Average vehicle speed
- Blank

Note: Refer to the Trip Information Display section in the *Owner's Manual* for a comprehensive list of the system's functions and displays.



14. THE LEXUS NAVIGATION SYSTEM*

- a) Turn the key to “ACC” or “ON” and press the “OPEN” button if the navigation display cover is closed.
- b) Check that the LEXUS” screen appears for a few seconds and then changes to the “MENU” or “CAUTION” screen, depending on the previous display.

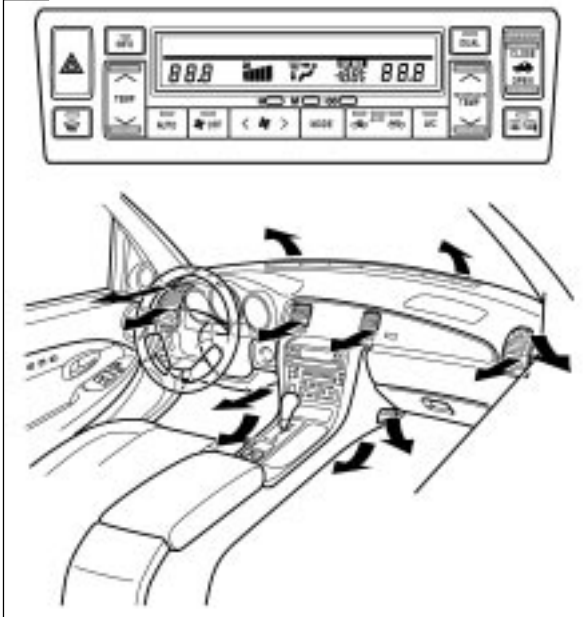
Note: “CAUTION” screen appears if “MAP VOICE” or “DESTINATION” screen was displayed during last use.

- c) Push the “MENU,” “MAP VOICE” or “DESTINATION” buttons and check that the display changes accordingly.

Note: To display the “MAP VOICE” or “DESTINATION” screen, touch “I agree” on the “CAUTION” screen after the key is turned to “ACC” or “ON.”

*Optional equipment

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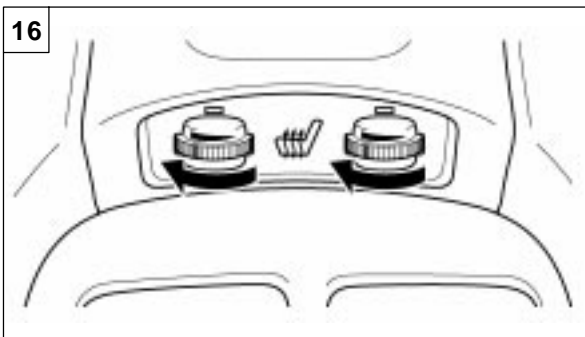


15. AIR CONDITIONING AND HEATER

Warm up the engine and turn on the A/C switch. Check for smooth operation of each control as follows:

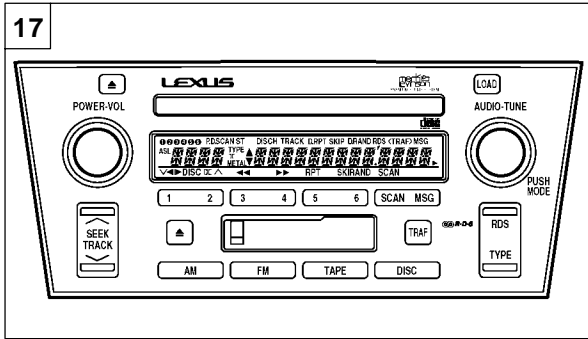
- a) Set the blower switch to (Hi) and the temperature to "85°F" (using the "TEMP" button).
- b) Press the front defroster button and check that hot air flows out of the front defroster nozzles.
- c) Set the air flow mode to "FOOT" with the "MODE" button and check that hot air flows out of the foot vents.
- d) Check that the air flow volume changes when the air intake control button is pressed.
- e) Press the "AUTO" button and then the "DUAL" button (indicator on) and lower the temperature of the driver's side (using the "TEMP" button).
- f) Check that the display showing air flow mode and air flow volume changes automatically.
- g) Set the temperature of the driver's side to "65°F."
- h) Check that the temperature of the passenger side remains at "85°F."
- i) Set the air flow mode to "FACE" using the "MODE" button.
- j) Check that cool air flows out of the driver's side center vent and hot air flows out of the passenger's side center vent.
- k) Select the "DUAL" button (indicator off) and check that cool air flows out of both center vents.
- l) Check that cool air flows out of the side vents.
- m) Check the outside temperature display.
- n) Press the "OFF" button.
- o) Turn on the rear window defogger switch and check that the indicator light illuminates.

16



16. SEAT HEATERS

With the key "ON," turn the dials towards the passenger side. Check that the indicator lights come on properly. Turn the dials towards the driver side to turn heaters off after testing.



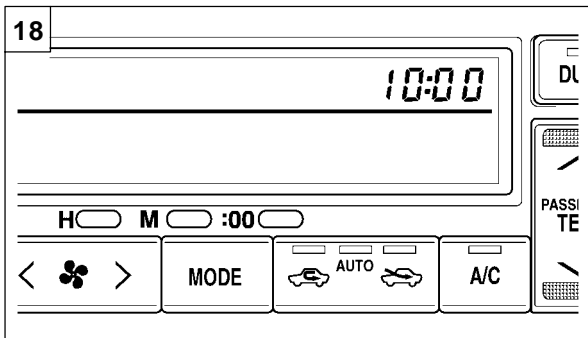
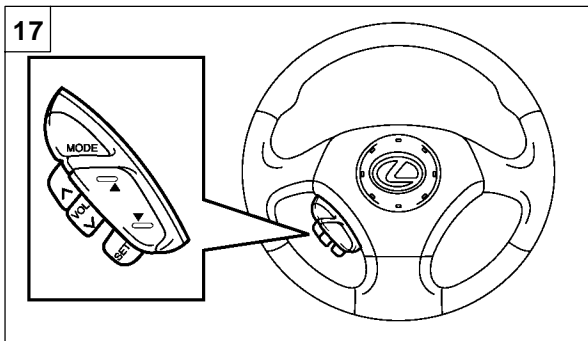
17. AUDIO SYSTEM

- a) Turn the key to “ACC” or “ON” and open the audio door.
- b) Turn the power/volume knob on and check for proper operation of both AM and FM stations.
- c) Pre-set all the station selector buttons to local broadcast frequencies.
- d) Pre-set the bass, mid, treble, balance and fader knobs to center positions.
- e) Check the cassette operation by inserting a cassette into the tape player (seek, rewind, fast forward).
- f) CD player should be inspected for proper operation prior to delivery.

Checking audio functions of the steering pad controls

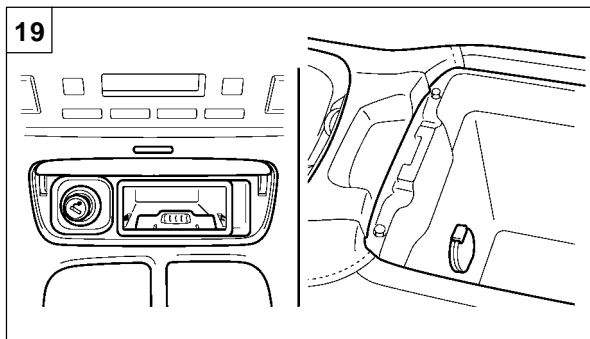
With the key “ON,” select the mode button located on the steering wheel and check that the mode changes as follows:

FM→TAPE→CD→AM



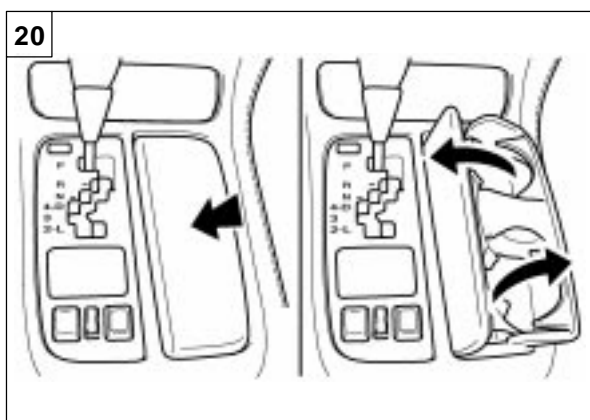
18. CLOCK

- a) Turn the key to “ACC” or “ON,” and check that the clock is operating.
- b) Set the clock to the proper time using the reset buttons.



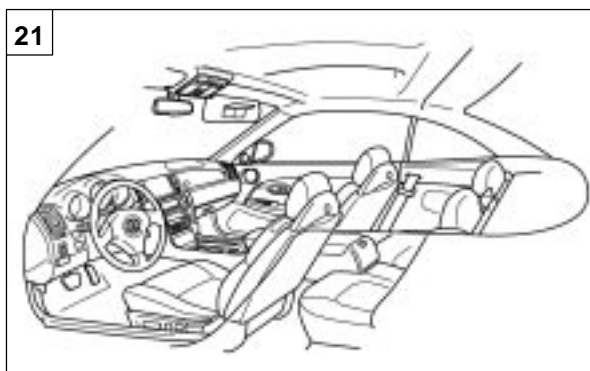
19. CIGARETTE LIGHTER, ASHTRAY AND POWER OUTLET

- a) Check opening and closing of ashtray.
- b) With the key in the “ACC” position, push in the cigarette lighter and check that the coils are glowing bright red when the lighter automatically pops out.
- c) With the key in the “ACC” or “ON” position, check the power outlet in the console box using an electrical accessory designed for this use.



20. CUP HOLDERS

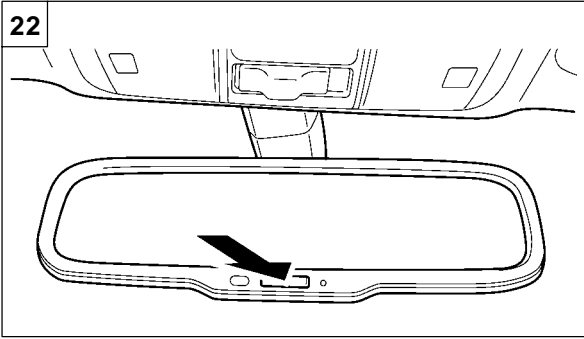
Check that the cup holders operate smoothly and that they do not make any noise during operation.



21. INTERIOR, PERSONAL, FOOT, VANITY, DOOR COURTESY, GLOVE COMPARTMENT AND ASHTRAY LIGHTS

Check operation of the following lights:

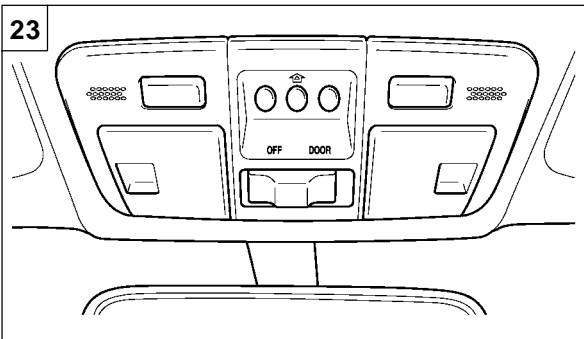
- a) Interior lights
- b) Personal lights
- c) Foot lights
- d) Vanity lights
- e) Door courtesy lights
- f) Glove compartment light (illuminates only when the headlight switch is “ON”)
- g) Ashtray lights (illuminates only when the headlight switch is “ON”)



22. INSIDE REARVIEW MIRROR

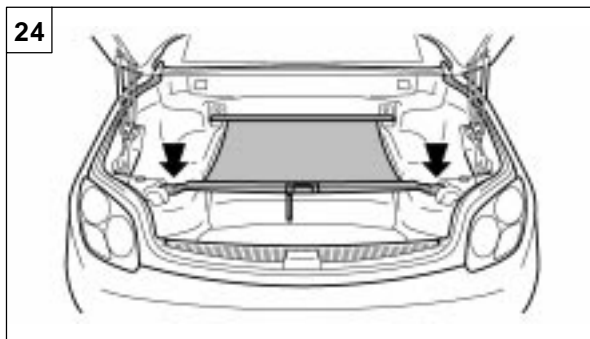
Check the inside rearview mirror operation.

1. Turn the key to "ON," and check that the mode indicator on the inside rearview mirror illuminates ("AUTO" mode).
2. Check that the mode changes between "AUTO" mode (indicator on) and "DAY" mode (indicator off) when the "AUTO" mode switch is selected.
3. Turn the interior light to the "ON" position and cover the rearview mirror forward light sensor (located front side of mirror). The rearview mirror and both outside mirrors should darken. When the interior light is "OFF" and your finger is removed, the mirror should brighten.



23. GARAGE DOOR OPENER

Check the garage door opener by pressing each of the three buttons and observing that the indicator light illuminates. Final operational check requires programming.



24. RETRACTABLE HARDTOP

Prior to retractable hardtop inspection, check the following:

- The luggage cover in the trunk is properly set.

- The trunk lid is closed.

- The trunk lid opener main switch in the glove compartment is on (button is pushed in).

With the key “ON”:

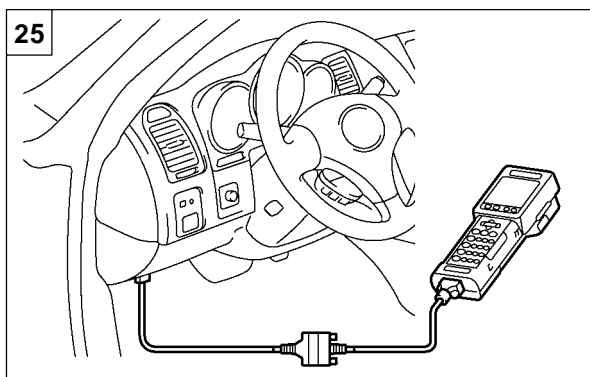
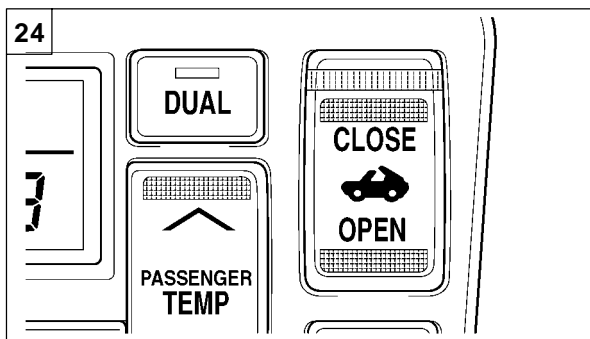
- a) Check that holding down the retractable hardtop switch in the “OPEN” position opens the trunk lid, retractable hardtop, side windows and quarter windows smoothly, and then closes the trunk lid smoothly. Check also that the indicator light goes off and a single beep sounds when the retractable hardtop is fully opened.

Note: If the voltage of the battery is too low, the indicator blinks and the retractable hardtop will not activate.

- b) Check that holding down the switch in the “OPEN” position with the retractable hardtop fully opened closes the side windows.

- c) Check that holding down the switch in the “CLOSE” position opens side windows and the trunk lid, and closes the retractable hardtop and quarter windows smoothly and then closes the trunk lid smoothly. Check also that the indicator light goes off and a single beep sounds when the retractable hardtop is fully closed.

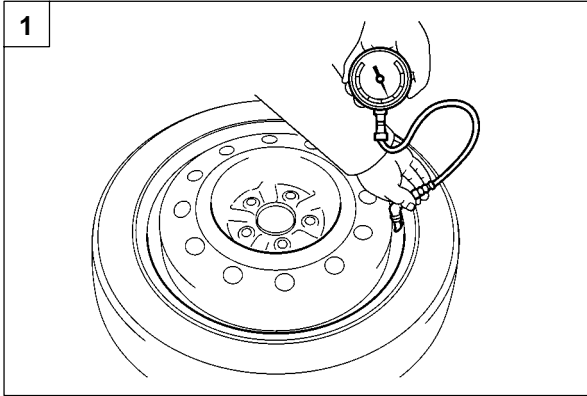
- d) Check that holding down the switch in the “CLOSE” position with the retractable hardtop fully closed, closes the side windows.



25. ON-BOARD DIAGNOSTIC SYSTEM OPERATION

Using the OBD II scan tool (Lexus hand-held tester), check the on-board diagnostic system function.

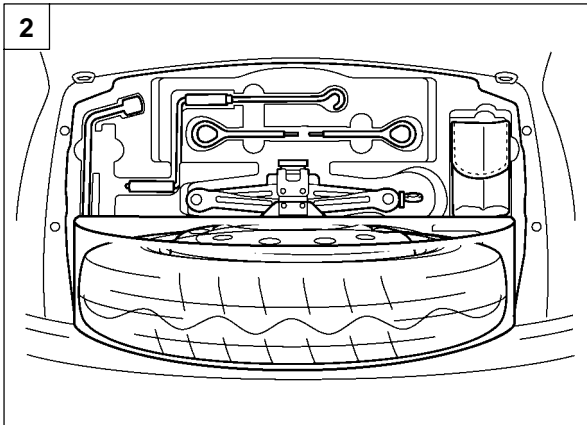
For details of this procedure, refer to the Engine Troubleshooting section of the *Repair Manual*.



1. SPARE TIRE PRESSURE

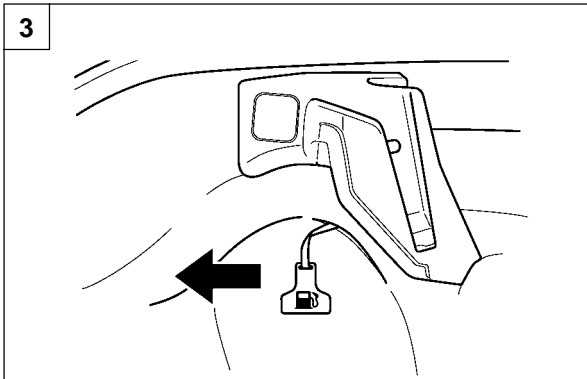
Check and adjust inflation pressure to specification. Air pressure for the spare tire should be 60 psi or 4.2 kgf/cm².

Note: If the run-flat tires are mounted on the vehicle, a spare tire is not needed.



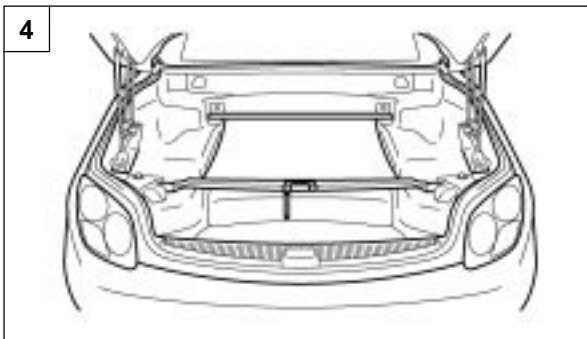
2. SPARE TIRE AND COVER, TOOLS, JACK AND JACK HANDLE

Check that the spare tire and cover, tools, jack and jack handle are properly installed.



3. MANUAL FUEL LID RELEASE LEVER

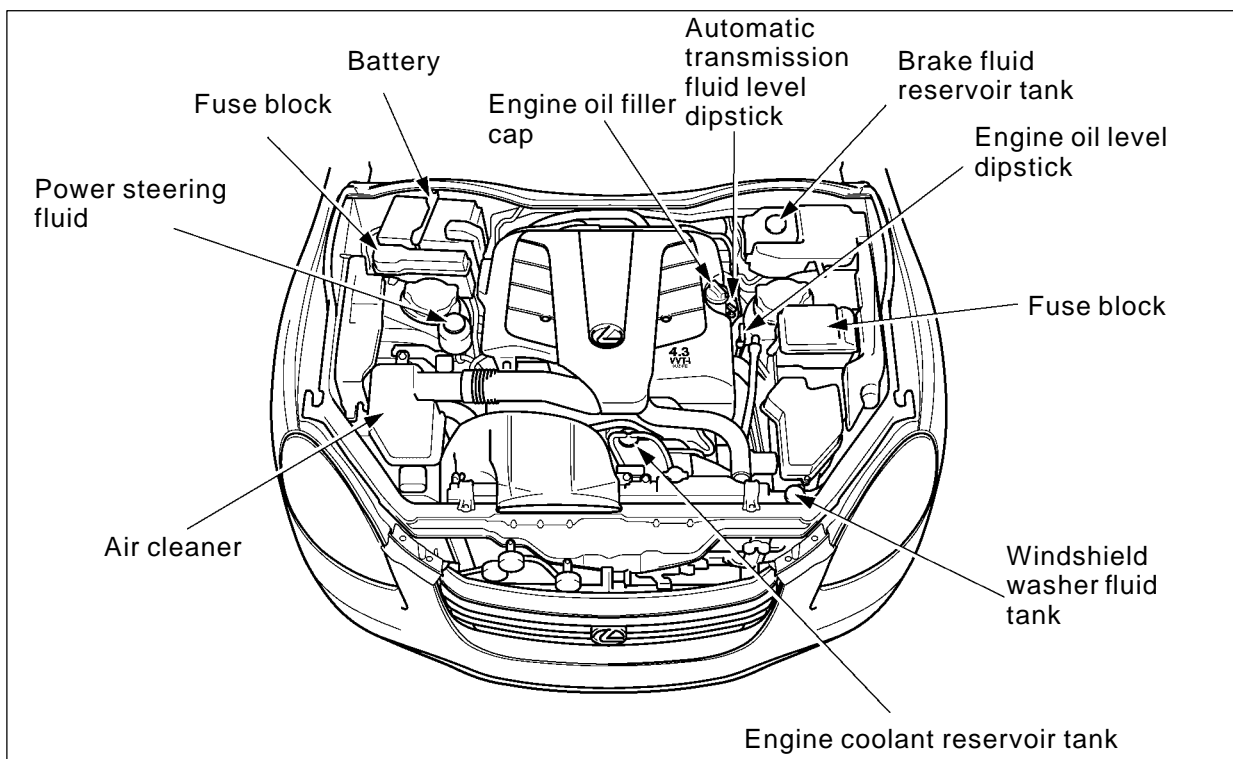
Check for proper operation of the manual fuel lid release lever in the trunk.



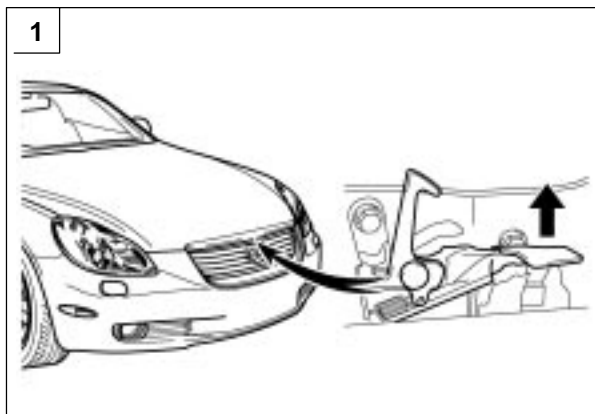
4. TRIM APPEARANCE AND TRUNK MAT FIT

Inspect the luggage trim and luggage mat for proper installation and appearance.

ENGINE COMPARTMENT OVERVIEW

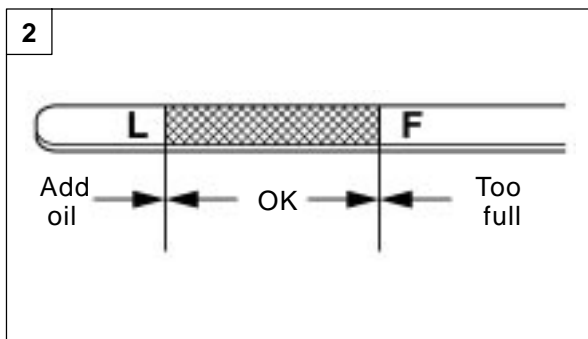


Note: Install protective fender covers prior to beginning the underhood inspection.



1. ENGINE HOOD RELEASE LEVER

Check that the opening and closing of the hood is smooth and that the latch operates properly using the hood release lever.

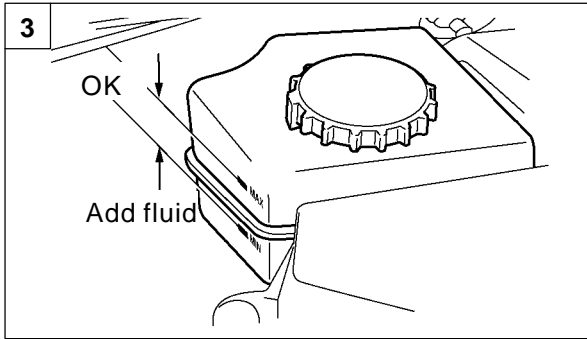


2. ENGINE OIL LEVEL (ENGINE NOT RUNNING)

a) Remove the engine oil dipstick and wipe it clean. Reinsert the dipstick and pull it out to check the oil level. The level should be between the “F” and “L” indicators.

b) Check for dirt or impurities in the oil.

Note: If the oil level is too low, add specified engine oil and check for oil leaks.

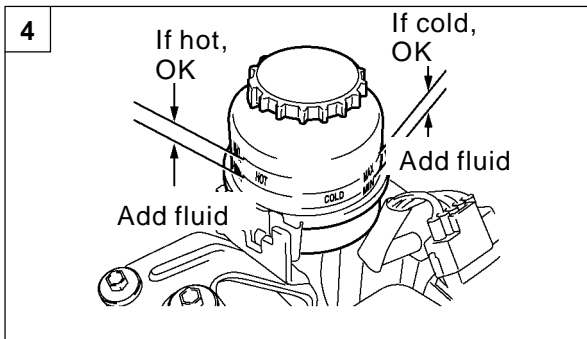


3. BRAKE FLUID

Visually check the fluid level through the reservoir. If low, replenish the brake fluid reservoir with FMVSS No. 116 DOT 3 or SAE J1703 brake fluid and check for fluid leaks.

Brake fluid level should be within 5 mm (0.2 in.) below the "MAX" line.

Note: Refer to the *Repair Manual* for fluid specifications.

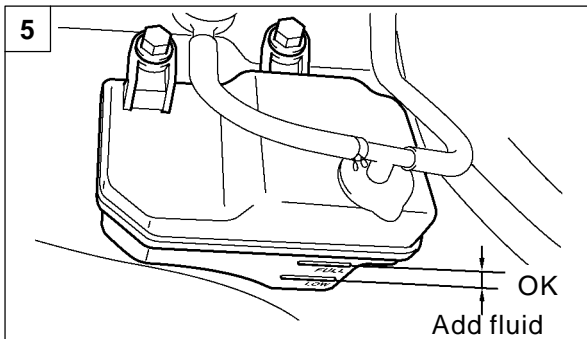


4. POWER STEERING FLUID

Visually check the fluid level through the reservoir.

- a) If the fluid temperature is hot (140 – 175 F), the reading should be in the "hot" range.
- b) If the fluid temperature is cold (50 – 85 F), the reading should be in the "cold" range.

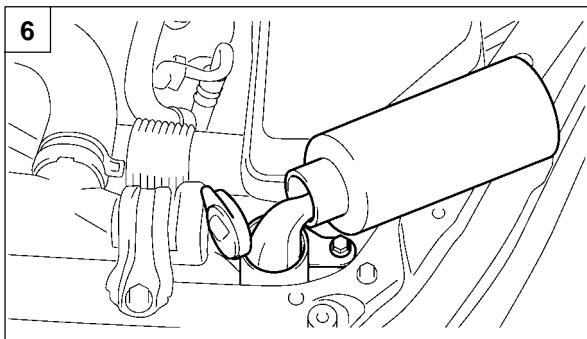
If low, replenish with DEXRON® II or III automatic transmission fluid.



5. COOLANT FLUID

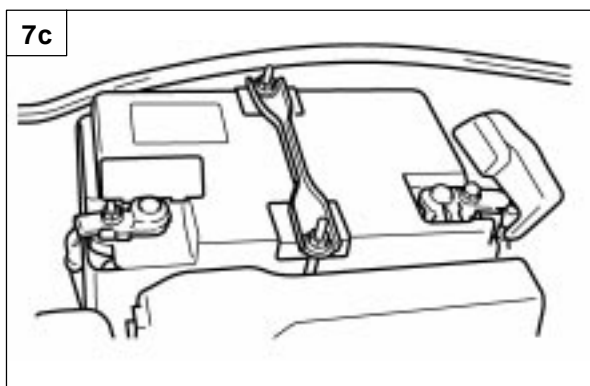
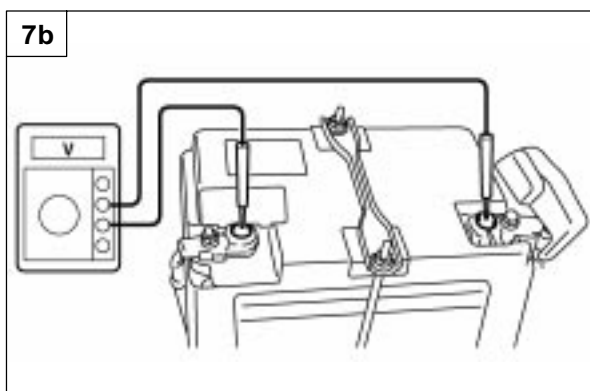
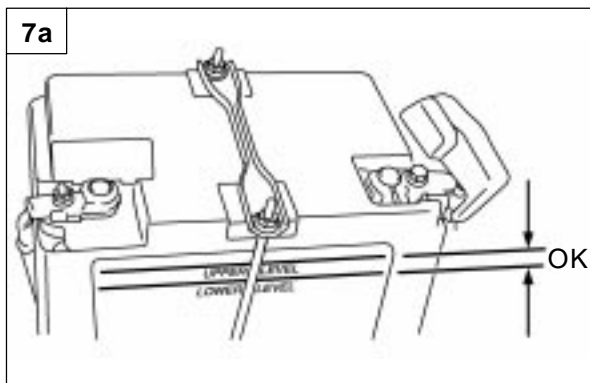
Visually check the coolant level through the coolant reservoir tank when the engine is cool. The coolant level is satisfactory if the level is between the "FULL" and "LOW" lines on the tank.

CAUTION: To prevent burning yourself, do not remove the radiator cap when the engine is hot.



6. WASHER FLUID

Open the washer tank cap and visually check the washer fluid level in the washer tank. The fluid level should be visible from the top. Add fluid if necessary.



7. BATTERY TERMINAL TIGHTNESS AND CHARGE

- a) Check the electrolyte level. If the electrolyte level is low, check the battery case for leakage.

Note: The maintenance-free PANASONIC battery can be replenished with distilled water only.

- b) Check the battery charge. Measure the open-circuit battery voltage between the terminals. If the voltage reading is less than 12.2 volts, recharge the battery with a low current of 5 amps or less.

Note: Before measuring the voltage, remove the key from the ignition key cylinder and turn off all electrical systems. Wait 60 seconds or more to remove the surface charge.

If the engine was running before measuring the voltage, wait 20 minutes or more after the engine stops to remove the surface charge.

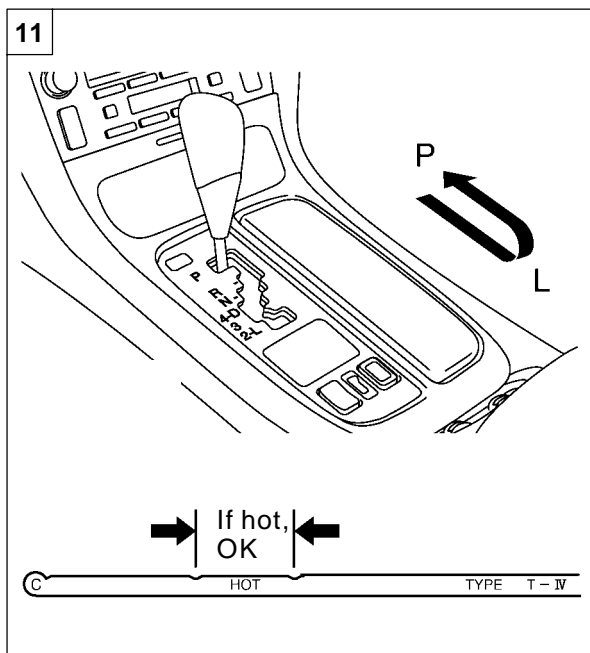
- c) Check that the battery terminals are properly connected and that the clamp is firmly installed.

8. WIRING AND HOSES

- a) Check hoses, hose connectors and various clamps for tightness.
- b) Visually inspect the condition of all harness connectors and terminals for proper installation and tightness.

9. ENGINE OPERATION

Check that the engine operation is smooth when cold (engine startability, no noise, no engine vibration or rough idle, etc.).



10. ENGINE OPERATION (DURING/AFTER WARM-UP)

Check that the engine operation is smooth during and after warm-up (no abnormal noise, engine vibration, rough idle, etc.).

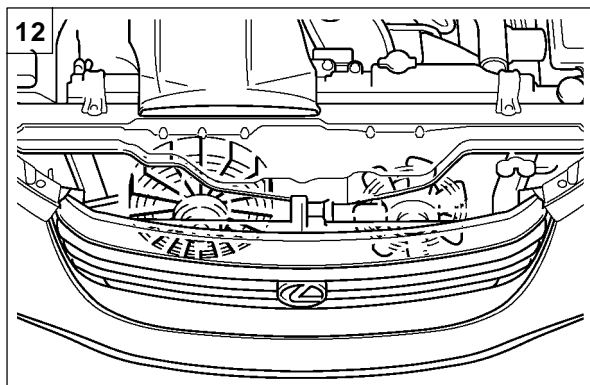
11. AUTOMATIC TRANSMISSION FLUID

Check the fluid level using the dipstick gauge when the transmission is at normal operating temperature.

- Park the vehicle on a level surface and firmly apply the parking brake.
- With the engine idling, shift the selector lever into each range from "P" through "L", and then shift back into "P."
- After shifting into "P" and with the engine idling, check the fluid level. The fluid should be in the "HOT" range.

Note: If the vehicle has been driven over 10 miles (15 miles in extremely cold temperatures) and the fluid temperature is 160 – 175 F, the transmission is at normal operating temperature.

Note: Use the "COOL" range on the dipstick only as a rough reference when the fluid is replaced.



12. ENGINE FANS

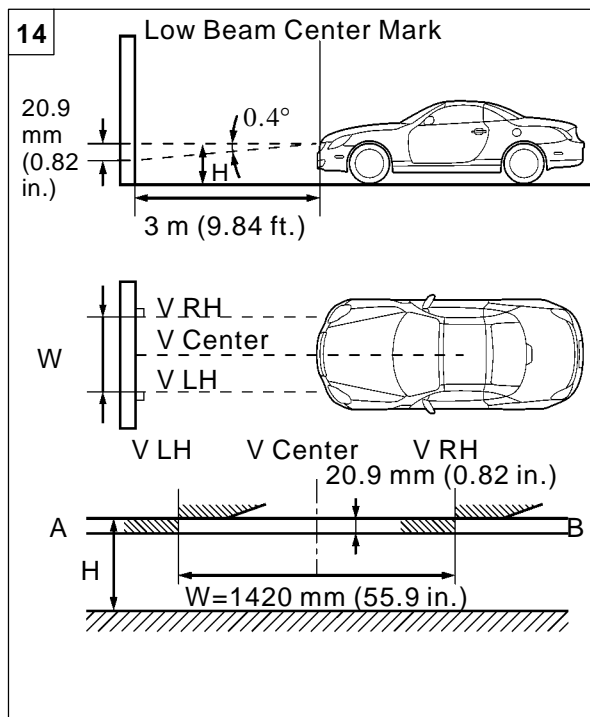
- Check that the engine cooling fans rotate smoothly when the engine coolant is hot.
- With the air conditioning turned on and after sufficient pressure has built up, check that the engine fans turn on and rotate smoothly.

Note: The electric motor fan is controlled by engine water temperature and air conditioning refrigerant pressure. Do not touch the fan when the engine is hot.

13. FLUID LEAKS

Look for fuel, oil, coolant or other fluid leaks around the following components:

- Engine (cylinder head and head cover)
- Transmission
- Power steering lines and hoses
- Brake lines and hoses
- Radiator and hoses
- Fuel lines and hoses



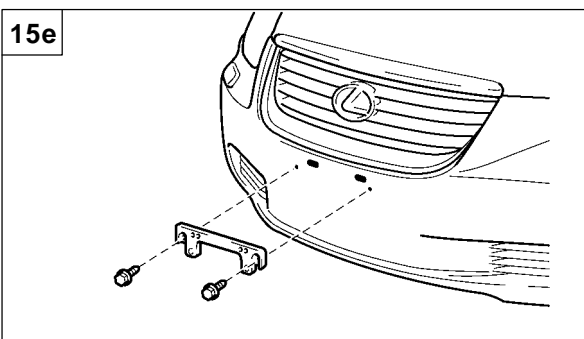
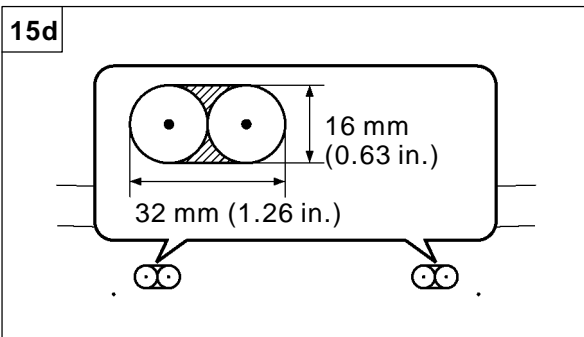
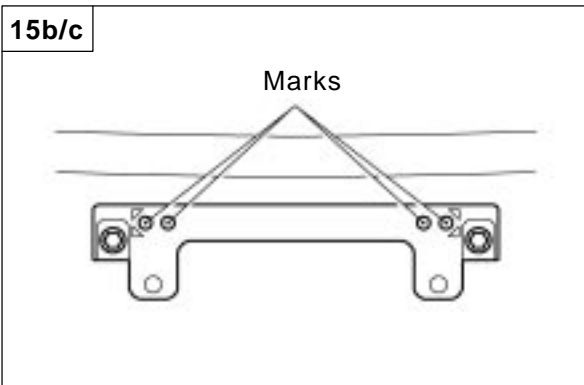
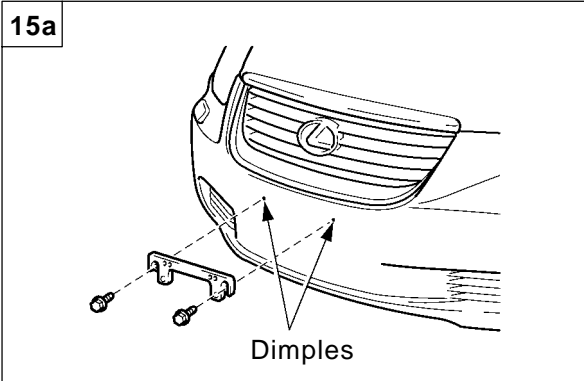
14. HEADLIGHT AIM (MANDATORY)

It is mandatory that respective vehicle headlights are aimed during PDS.

- a) Prepare the vehicle as follows:
 - Make sure the body around the headlight is not damaged or deformed.
 - Fill up fuel tank.
 - Check that tire inflation is set to the specified level.
 - Park vehicle on a level spot.
 - A person of average weight should sit in the driver's seat and bounce the vehicle several times.
- b) Prepare some thick, white paper as follows:
 - Draw the horizontal line (A–B) on the paper where the headlights (low beam center marks) of the vehicle are to be.
 - Draw the vertical line on the paper where the center line of the vehicle is to be (V Center).
 - Draw the vertical lines on the paper where the headlights (low beam center marks) of the vehicle are to be (V RH and V LH).
- c) Stand the paper upright and ensure that the distance from the paper to the headlights is 3 m (9.84 ft.).
- d) Ensure that the center lines of the vehicle and the paper are at 90° (angle as shown in the illustration).
- e) Turn on the headlights (Low Beam).
- f) Check that the headlights light up the paper as shown in the illustration.

If necessary, adjust aiming of the LH and RH lights respectively. See the *Repair Manual* under the lighting system section for additional details.

Note: Set headlights to factory specification. Modified or “Personal Preference” settings will be in violation of local and/or federal vehicle safety standards.



**15. FRONT LICENSE PLATE BRACKET
(Only if state requirement)**

The license plate bracket is located in the luggage compartment.

a) Align the installation holes of the mounting bracket with the dimples on the front bumper, and using 2 self-tapping screws, temporarily install the mounting bracket directly into the dimples.

Note: Do not pre-drill holes in the dimples. Screw in the driver's side self-tapping screw first.

b) Mark the 4 points at the 4 holes of the mounting bracket on the front bumper .

c) Remove the mounting bracket.

d) Drill holes in the 4 points marked on the front bumper.

Diameter of holes: 16.0 mm (0.63 in.)

Using a knife, cut out the shaded portion on both sides.

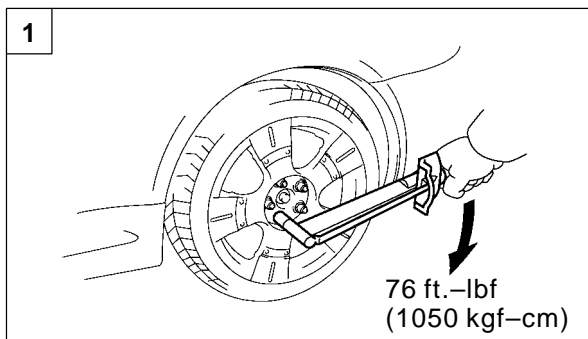
e) Align the installation holes of the mounting bracket with the dimples on the front bumper, and using 2 self-tapping screws, install the mounting bracket directly into the dimples.

Note: Do not pre-drill holes in the dimples. Screw in the driver's side self-tapping screw first.

Note: Install the front license plate onto the mounting bracket, using the bolts of a non-corroding type with the following sizes:

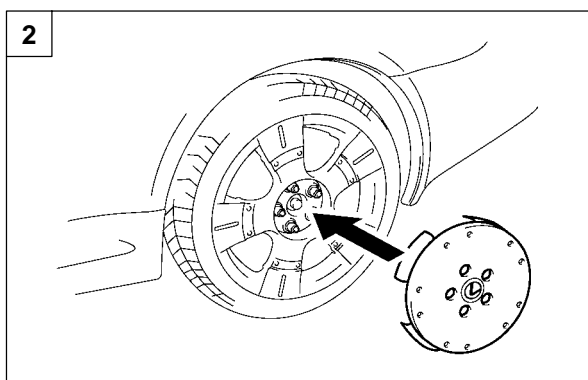
- Length 25mm (0.98 in.)
- Diameter 6.0 mm
- Pitch 1.0 mm

BEFORE LIFTING VEHICLE

**1. WHEEL LUG NUT TORQUE**

Using a torque wrench, tighten all wheel lug nuts to the specified torque.

Torque specifications: 76 ft.-lbf (1050 kgf-cm)

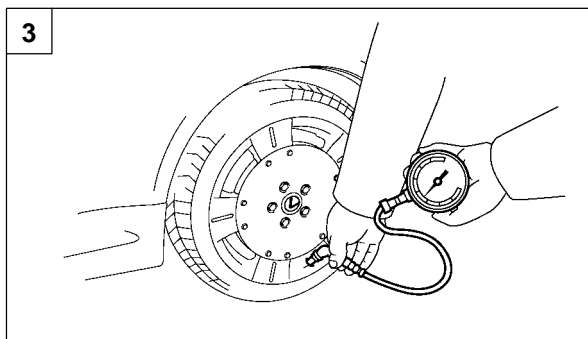
**2. WHEEL CENTER CAPS**

a) Install the wheel center caps on the wheels and tighten the 10 bolts by hand.

b) Using a 5 mm hexagon wrench, tighten the bolts to the specified torque.

Torque specifications: 14.8 ft.-lbf (204 kgf-cm)

Note: DO NOT use an impact wrench to tighten these bolts.

**3. TIRES**

a) Visually inspect all tires for damage and/or defects.

b) Activate the tire pressure sensing transmitters to operate the tire pressure warning system. Please refer to *Lexus Technical Information Bulletin (TSIB) No. PG006-01* for activation procedure.

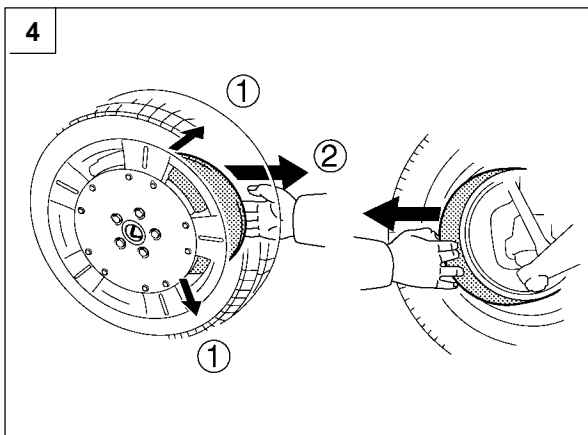
c) Using a tire pressure gauge, check and adjust the air pressure in each tire to specification.

Tire pressure (front and rear): 33 psi (2.3 kgf/cm²)

Refer to the *Owner's Manual* or the label affixed to the left center pillar for additional tire information.

Note: Tire pressure must be checked under "COLD" conditions (i.e. the car must not have been driven on the highway for at least 3 hours).

AFTER LIFTING VEHICLE

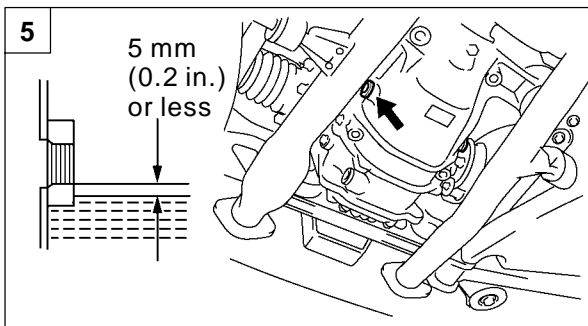


4. DISC BRAKE ANTI-RUST COVERS

Remove the front and rear disc brake anti-rust covers and inspect the rotor surface.

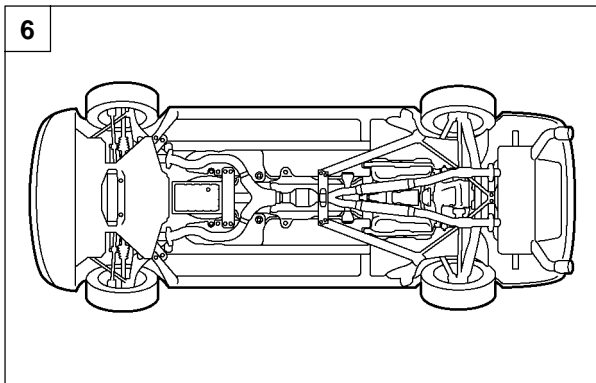
- a) The anti-rust covers can be removed by hand from behind without removing the wheels from the vehicle.
- b) The anti-rust covers are used for vehicle transport only. Never reinstall them.

CAUTION: To prevent damage to the wheel or the brake rotor, do not use any sharp instruments/tools to remove covers.



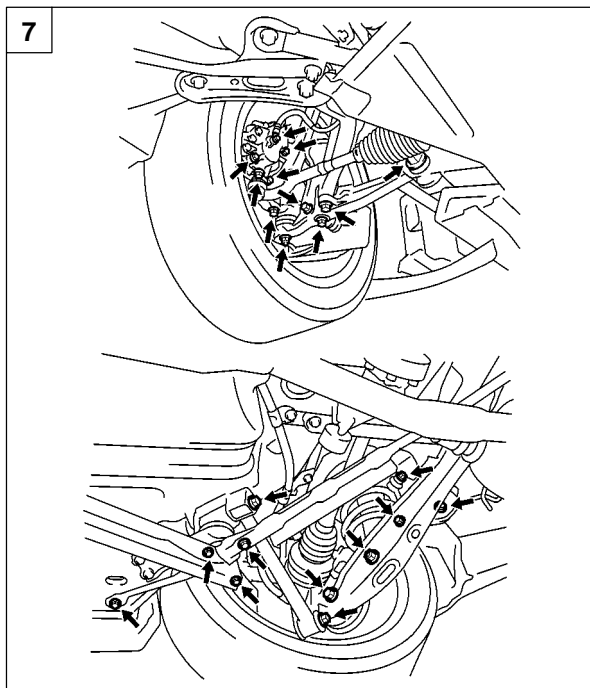
5. DIFFERENTIAL FLUID

Using a 10 mm (0.4 in.) Allen Wrench (or SST 09043-38100), remove the filler plug and inspect the differential oil level.



6. CHASSIS INSPECTION FOR LEAKAGE OR DAMAGE

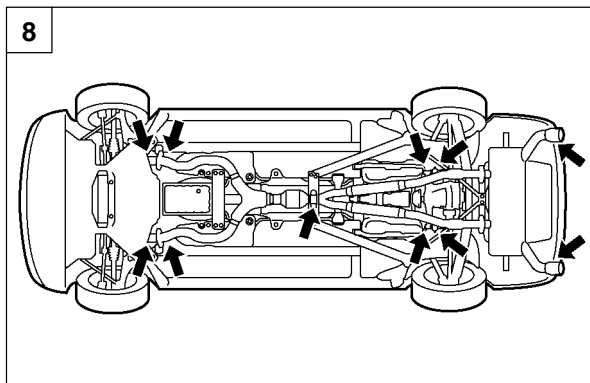
- a) Visually, and by hand, check the following components for proper installation, clamping, connection and for any damage:
 - Brake lines, hoses and protectors
 - Fuel lines, hoses and protectors
 - Steering linkage and dust boots
 - Drive shaft boots
 - Parking brake cable
- b) Visually check the following for fluid leakage:
 - Engine
 - Transmission
 - Steering gear
 - Brake lines
 - Fuel lines
 - Rear axle
- c) Visually check the entire underside of the body for proper rust-resistant coating.



7. CHECK AND TIGHTEN ALL CHASSIS BOLTS

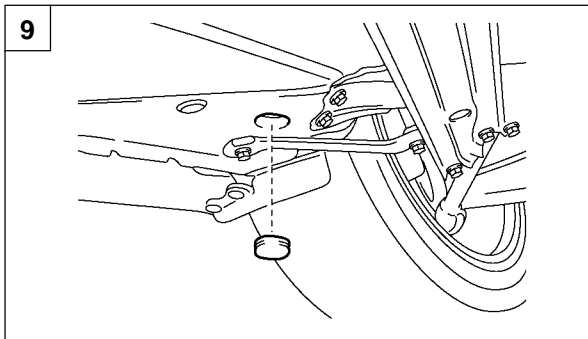
Check that all chassis bolts and nuts and suspension components are tight. See the *Repair Manual* for proper bolt torque specification.

- a) Front and rear suspension
- b) Steering linkages
- c) Propeller shaft
- d) Front/rear cross member
- e) Front/rear brakes
- f) Drive shaft



8. EXHAUST SYSTEM

Visually check for leaks and damage to the exhaust pipes and mufflers. Ensure that components are properly installed.



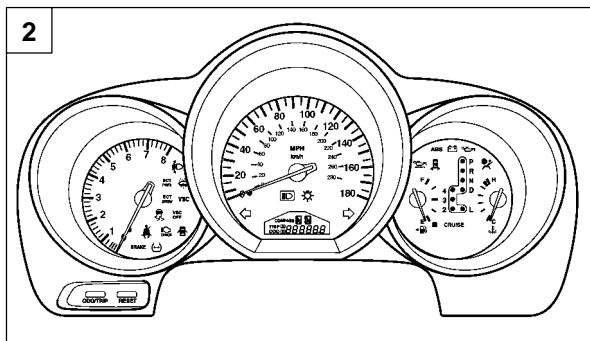
9. RUBBER BODY PLUGS

Install the rubber body plugs into the torque box holes.

Note: Plugs are shipped with the vehicle in the glove compartment.

A comprehensive road test is vital to ensuring that a perfect automobile is delivered to each Lexus customer. We recommend that you map out a specific road test course that includes a variety of road conditions including stop and go, highway speed and rough road surfaces. This will help you check for squeaks, rattles, drifts, pulls and a variety of other conditions that must be corrected prior to delivery.

Note: Make sure protective covers are in place on the seats and carpet prior to starting the road test.

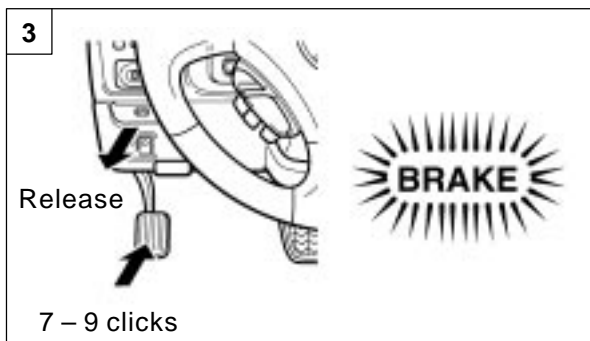


1. ENGINE IDLE SPEED

Check that the engine idle speed is smooth at normal operating temperatures with the transmission in “N” or “P” positions.

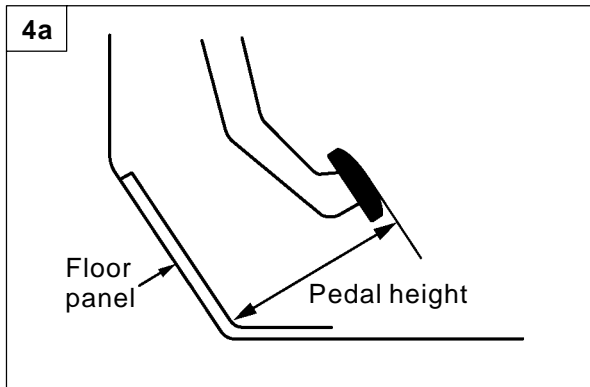
2. ENGINE OPERATION WHILE DRIVING

- a) Check engine performance over a broad range of driving conditions including acceleration, cruising and deceleration.
- b) Make sure engine operation is smooth and responsive.
- c) Make sure the gauges, speedometer and tachometer operations are smooth and accurate.



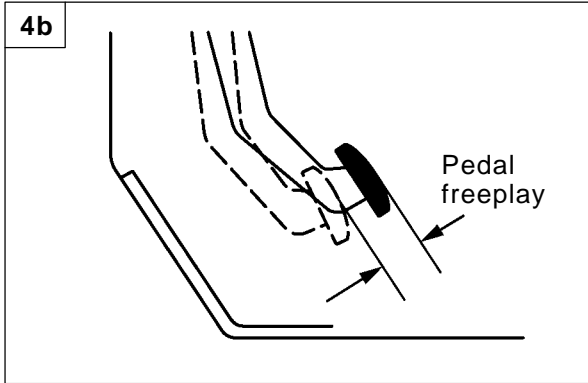
3. BRAKE AND PARKING BRAKE

- a) Check braking effort. Check for pull or any abnormal noise.
- b) Check the parking brake:
 - With the key “ON,” check that the brake warning light comes on when the parking brake is applied (and goes off when it is released).
 - Parking brake pedal travel at 300 N (31 kgf, 68.3 lbf):
 - 7 - 9 clicks



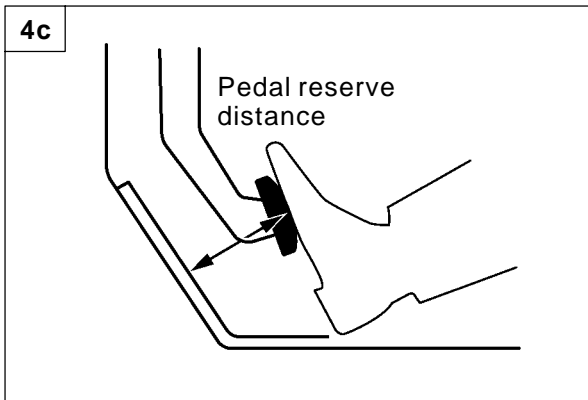
4. BRAKE PEDAL HEIGHT, FREE PLAY AND RESERVE DISTANCE

- a) Check the brake pedal height. Pedal height from asphalt sheet should be:
 - 154.0 - 164.0 mm (6.1 - 6.6 in.)



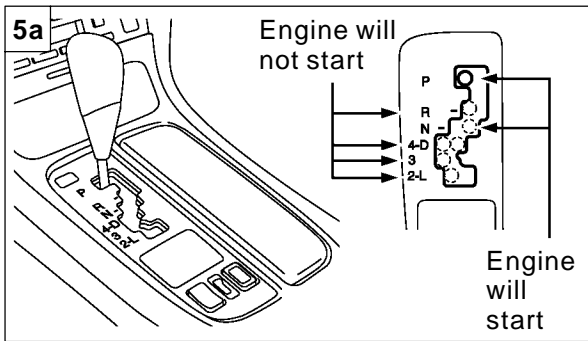
- b) Check the brake pedal freeplay.
Push in the pedal by hand and check that the pedal freeplay is within the specification.

Pedal freeplay: 0.2 – 2.0 mm (0.008 – 0.08 in.)



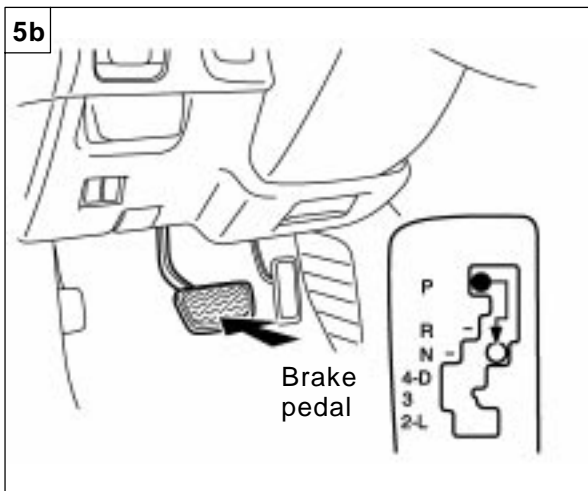
- c) Check brake pedal reserve distance.
Release the parking brake. With the engine running, depress the brake pedal and measure the pedal reserve distance.

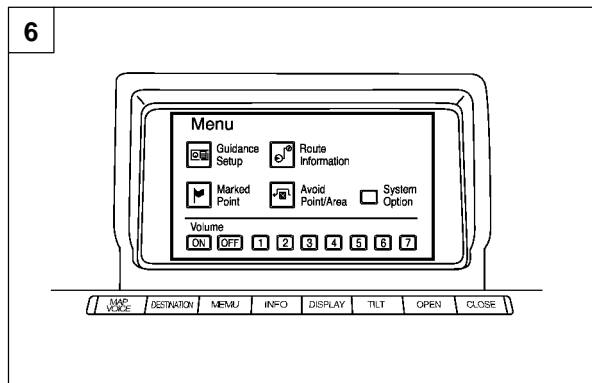
Pedal reserve distance from asphalt sheet at 196 N (20 kgf, 44 lbf) should be more than 100 mm (3.9 in.)



5. TRANSMISSION OPERATION

- a) Check that the engine will not start if the shift lever is in any other range except for “P” or “N.”
b) Check that the shift lever cannot be moved from the “P” range without depressing the brake pedal.
c) Check for smooth up-shift and down-shift operation over a broad range of driving conditions.



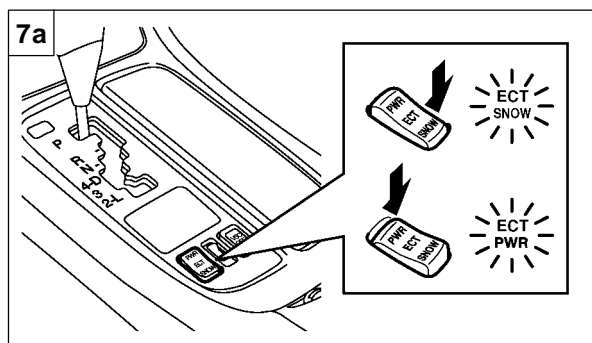


6. NAVIGATION SYSTEM* INITIALIZATION

While the vehicle is running, perform the following procedure:

- a) Push the “MENU” switch to display the “Menu” screen and then touch “SYSTEM OPTION.”
- b) Touch “POSITION” on the screen to display “Adjust Position” screen.
- c) Touch an ARROW facing your desired point and scroll the screen. Touch “ENTER” when the cursor moves to your desired point (the vehicle’s current location). The “Adjust Direction” screen will appear.
- d) Touch either the left or right ARROW to correct the direction of the current vehicle position mark on the road. Touch “ENTER” on the screen and the map screen will return.
- e) Drive the vehicle 4 – 6 miles and away from large buildings and confirm that the “GPS” mark appears on the map screen at the vehicle’s current location.

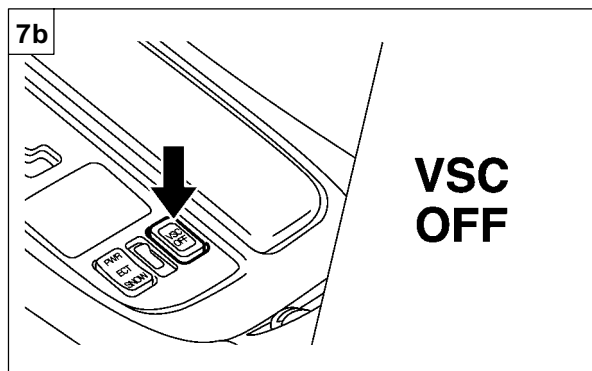
For detailed information, please consult the *Lexus Navigation System Owner’s Manual*.



7. ECT AND VSC FUNCTIONS

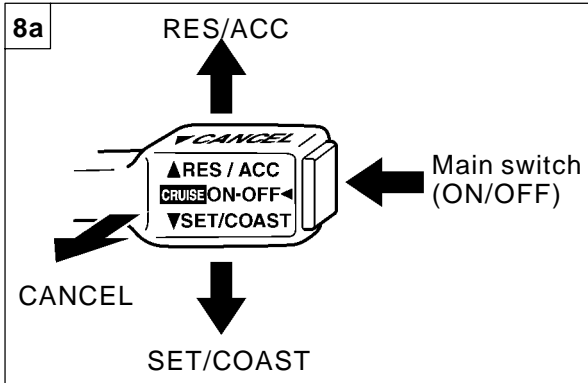
Check that the indicator lights come on when the switches are selected.

- a) Electronic Controlled Transmission (ECT)
 - The “ECT PWR” indicator light will illuminate when the “POWER” mode is selected.
 - The “ECT SNOW” indicator light will illuminate when the “SNOW” mode is selected.



- b) Vehicle Skid Control (VSC) System
 - Turn off the vehicle skid control system by pushing the “VSC-OFF” switch and check that the “VSC-OFF” indicator light illuminates.

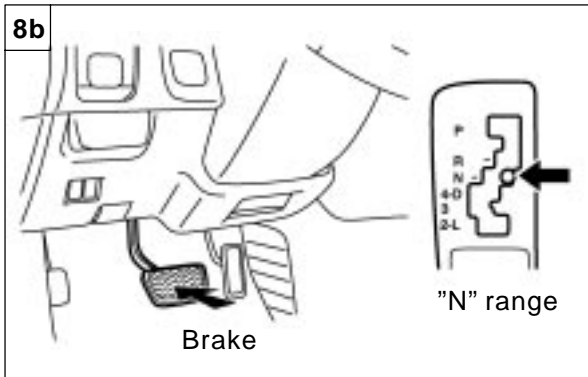
*Optional equipment



8. CRUISE CONTROL

a) Check the cruise control functions:

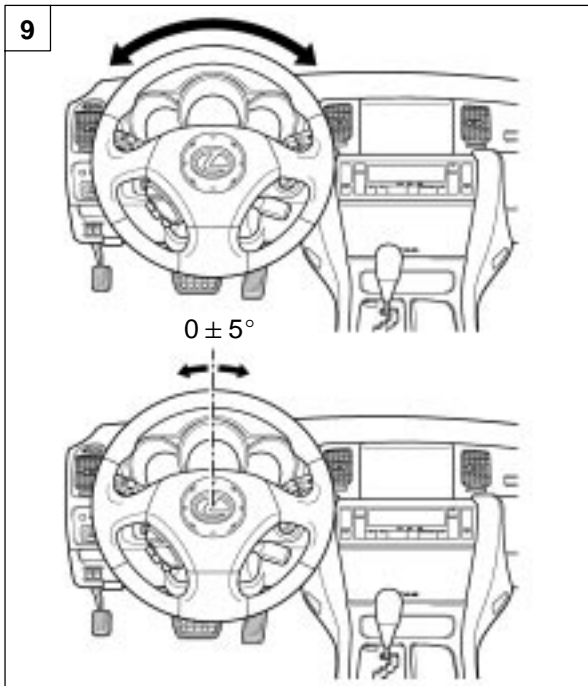
- Main switch (ON/OFF)
- SET/COAST
- RES/ACC
- CANCEL



b) Check that the preset speed is canceled by:

- Depressing the brake pedal
- Shifting the selector lever to "N" (neutral)
- Using cancel switch and "OFF" button

For details regarding the operation of the cruise control, refer to the *Owner's Manual*.



9. STEERING OPERATION AND OFF-CENTER

- a) Check steering for smooth turning operation and any unusual noise.
- b) Check that the steering wheel is correctly aligned when driving on a level road surface.

Note: For details about adjustment and inspection, refer to the *Repair Manual*.

10. ABNORMAL NOISE OR VIBRATION

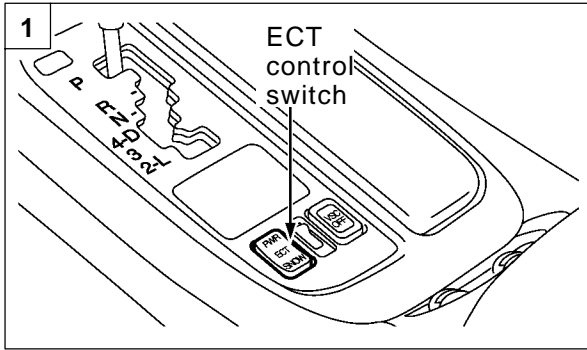
Check for vibration or abnormal noise while the vehicle is in motion.

- a) Wind noise
- b) Power train (engine, transmission, differential, propeller shaft)
- c) Road noise (tires)

11. SQUEAKS AND RATTLES

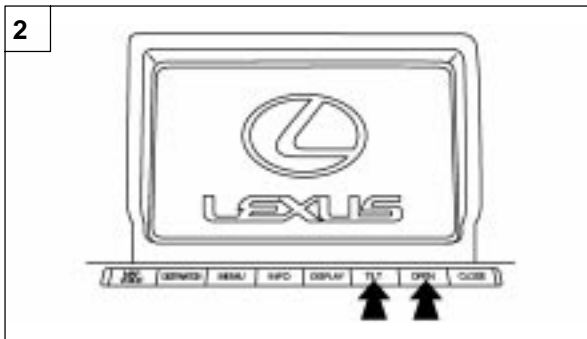
Check for squeaks and rattles in the following:

- a) Instrument panel
- b) Doors
- c) Trim
- d) Body



1. SET THE ECT SWITCH

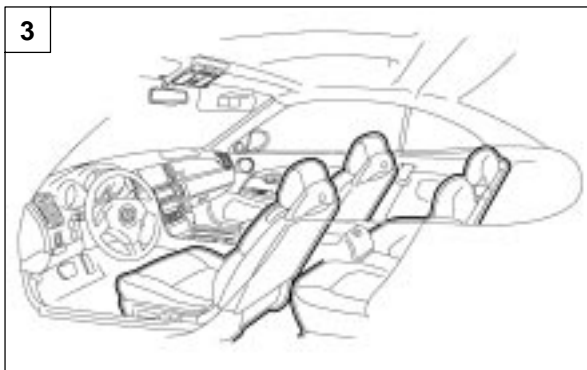
Set the ECT switch to the “NORMAL” mode to provide the customer with the best driving conditions.



2. SET THE NAVIGATION* DISPLAY COVER TO THE OPEN POSITION

1. Turn the key to “ACC” or “ON.”
2. If the navigation display cover is closed, press the “OPEN” button.
3. Press “TILT” to set the angle of the navigation display to the middle position.
4. Turn the key off and check that the navigation display cover closes.

Note: The next time that the key is turned to “ACC” or “ON,” the navigation display cover should open automatically with the angle of the navigation display in the middle position.



3. REMOVE INTERIOR PROTECTIVE COVERS, ETC.

Remove the remaining plastic covers from the side trim, seats, head restraints, console box cap and sun visors as required. Remove any unnecessary labels, tags and stickers.

It is recommended that the interior protective covers be removed just before delivery of the vehicle to the customer.

*Optional equipment

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4. PDS CHECKSHEET AND PRODUCT REPORTS

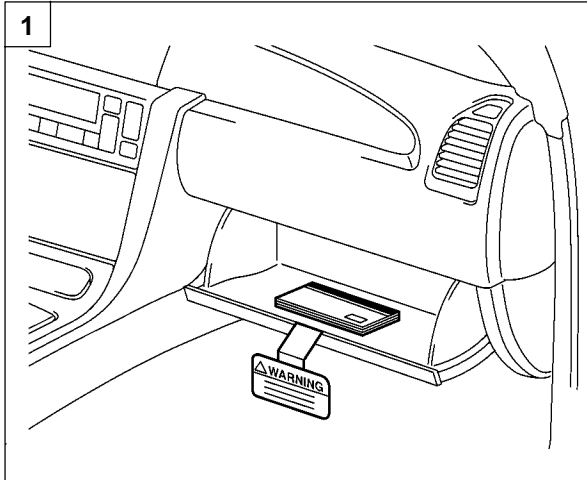
Check the appropriate boxes when noting any product/quality issues and sign the PDS checksheet.

- a) Submit one copy of the checksheet to your area office.
- b) Submit product technical reports regarding product/quality issues as required.

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5. COMPLETE THE SERVICE PORTION OF THE TEAMWORK IN QUALITY INSPECTION CERTIFICATE

- a) **Type** in VIN number.
- b) **Type** in the name of the dealership.
- c) Complete the service portion of the certificate. Both Diagnostic Specialist and Service Manager must sign the certificate.
- d) Place certificate in proper location in the vehicle for the delivery process.



1. GLOVE BOX PORTFOLIO

a) Check that the *Owner's Manual* portfolio includes the following:

- Owner's Manual
- Owner's Guide
- Owner's Manual Supplement
- Lexus Pen

Note: These items can be placed in the glove compartment.

- b) Place portfolio inside glove compartment.
- c) Check that the airbag information label is affixed to the glove compartment door.
-

2. FILL UP FUEL TANK

Fill fuel tank up to the "FULL" level with premium unleaded fuel that is Research Octane No.96 (Octane Rating 91) or higher.

3. WASH AND CLEAN VEHICLE

Wash and clean the exterior and interior of the vehicle. Use plenty of water and a soft sponge or cloth when washing the vehicle. Vacuum carpet and seats.

Note: It is recommended that you wash the vehicle by hand. If mechanical brushes are used in an "automatic car wash," the brushes could scratch the paint surface.