

## FOREWORD

Welcome to the growing family of new NISSAN owners. This vehicle is delivered to you with confidence. It was produced using the latest techniques and strict quality control.

This manual was prepared to help you understand the operation and maintenance of your vehicle so that you may enjoy many miles (kilometers) of driving pleasure. Please read through this manual before operating your vehicle.

**A separate Warranty Information Booklet explains details about the warranties covering your vehicle. The “NISSAN Service and Maintenance Guide” explains details about maintaining and servicing your vehicle. Additionally, a separate Customer Care/Lemon Law Booklet (U.S. only) will explain how to resolve any concerns you may have with your vehicle, as well as clarify your rights under your state’s lemon law.**

Your NISSAN dealership knows your vehicle best. When you require any service or have any questions, they will be glad to assist you with the extensive resources available to them.

## READ FIRST—THEN DRIVE SAFELY

Before driving your vehicle please read this Owner’s Manual carefully. This will ensure familiarity with controls and maintenance requirements, assisting you in the safe operation of your vehicle.

### WARNING

#### **IMPORTANT SAFETY INFORMATION REMINDERS FOR SAFETY!**

**Follow these important driving rules to help ensure a safe and complete trip for you and your passengers!**

- **NEVER** drive under the influence of alcohol or drugs.
- **ALWAYS** observe posted speed limits and never drive too fast for conditions.
- **ALWAYS** give your full attention to driving and avoid using vehicle features or taking other actions that could distract you.
- **ALWAYS** use your seat belts and appropriate child restraint systems. Preteen children should be seated in the rear seat.
- **ALWAYS** provide information about the proper use of vehicle safety features to all occupants of the vehicle.
- **ALWAYS** review this Owner’s Manual for important safety information.

#### **MODIFICATION OF YOUR VEHICLE**

**This vehicle should not be modified. Modification could affect its performance, safety or durability, and may even violate governmental regulations. In addition, damage or performance problems resulting from modifications may not be covered under NISSAN warranties.**

## WHEN READING THE MANUAL

This manual includes information for all options available on this model. Therefore, you may find some information that does not apply to your vehicle.

All information, specifications and illustrations in this manual are those in effect at the time of printing. NISSAN reserves the right to change specifications or design without notice and without obligation.

### IMPORTANT INFORMATION ABOUT THIS MANUAL

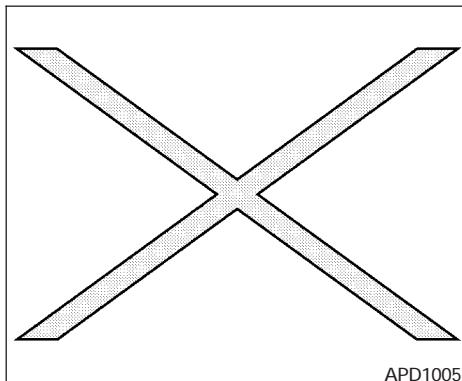
You will see various symbols in this manual. They are used in the following ways:

#### WARNING

**This is used to indicate the presence of a hazard that could cause death or serious personal injury. To avoid or reduce the risk, the procedures must be followed precisely.**

#### CAUTION

**This is used to indicate the presence of a hazard that could cause minor or moderate personal injury or damage to your vehicle. To avoid or reduce the risk, the procedures must be followed carefully.**



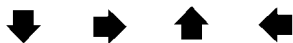
If you see this symbol, it means **“Do not do this”** or **“Do not let this happen.”**



If you see a symbol similar to these in an illustration, it means the arrow points to the front of the vehicle.



Arrows in an illustration that are similar to these indicate movement or action.



Arrows in an illustration that are similar to these call attention to an item in the illustration.

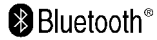
## CALIFORNIA PROPOSITION 65 WARNING

### WARNING

**Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.**

## CALIFORNIA PERCHLORATE ADVISORY

**Some vehicle parts, such as lithium batteries, may contain perchlorate material. The following advisory is provided: “Perchlorate Material – special handling may apply, See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate).”**



BLUETOOTH® is a  
trademark owned by  
Bluetooth SIG, Inc.,  
U.S.A. and licensed to  
Xanavi Informatics  
Corporation.

© 2006 NISSAN NORTH AMERICA, INC.

All rights reserved. No part of this Owner's Manual may be reproduced or stored in a retrieval system, or transmitted in any form, or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of Nissan North America, Inc.

# NISSAN CUSTOMER CARE PROGRAM

## **NISSAN CARES . . .**

Both NISSAN and your NISSAN dealer are dedicated to serving all your automotive needs. Your satisfaction with your vehicle and your NISSAN dealer are our primary concerns. Your NISSAN dealer is always available to assist you with all your automobile sales and service needs.

However, if there is something that your NISSAN dealer cannot assist you with or you would like to provide NISSAN directly with comments or questions, please contact the NISSAN Consumer Affairs Department using our toll-free number:

### **For U.S. customers**

**1-800-NISSAN-1**

**(1-800-647-7261)**

### **For Canadian customers**

**1-800-387-0122**

The Consumer Affairs Department will ask for the following information:

- Your name, address, and telephone number
- Vehicle identification number (attached to the top of the instrument panel on the driver's side)
- Date of purchase
- Current odometer reading
- Your NISSAN dealer's name
- Your comments or questions

OR

You can write to NISSAN with the information at:

### **For U.S. customers**

**Nissan North America, Inc.**

**Consumer Affairs Department**

**P.O. Box 685003**

**Franklin, TN 37068-5003**

### **For Canadian customers**

**Nissan Canada Inc.**

**5290 Orbitor Drive**

**Mississauga, Ontario L4W 4Z5**

We appreciate your interest in NISSAN and thank you for buying a quality NISSAN vehicle.

# Table of Contents

<b>Illustrated table of contents</b>	<b>0</b>
<b>Safety—Seats, seat belts and supplemental restraint system</b>	<b>1</b>
<b>Instruments and controls</b>	<b>2</b>
<b>Pre-driving checks and adjustments</b>	<b>3</b>
<b>Monitor, climate, audio, phone and voice recognition systems</b>	<b>4</b>
<b>Starting and driving</b>	<b>5</b>
<b>In case of emergency</b>	<b>6</b>
<b>Appearance and care</b>	<b>7</b>
<b>Maintenance and do-it-yourself</b>	<b>8</b>
<b>Technical and consumer information</b>	<b>9</b>
<b>Index</b>	<b>10</b>

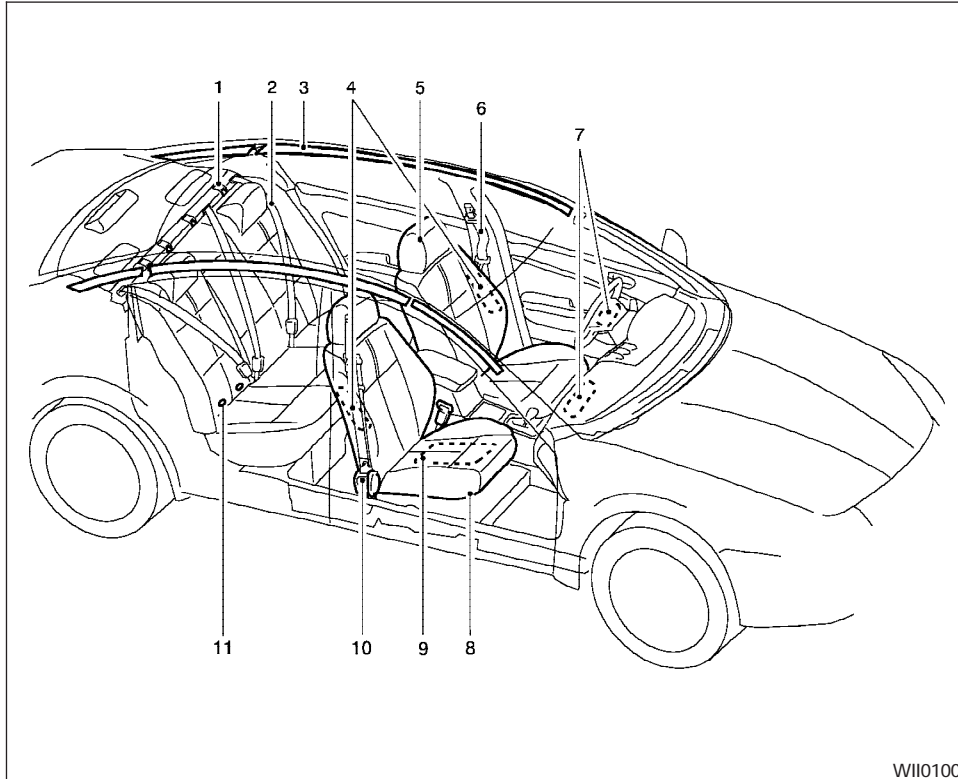


# 0 Illustrated table of contents

Airbags, seat belts and child restraints .....	0-2
Exterior front .....	0-3
Exterior rear .....	0-4
Passenger compartment .....	0-5

Instrument panel .....	0-6
Engine compartment check locations .....	0-7
Warning/indicator lights .....	0-9

## AIRBAGS, SEAT BELTS AND CHILD RESTRAINTS



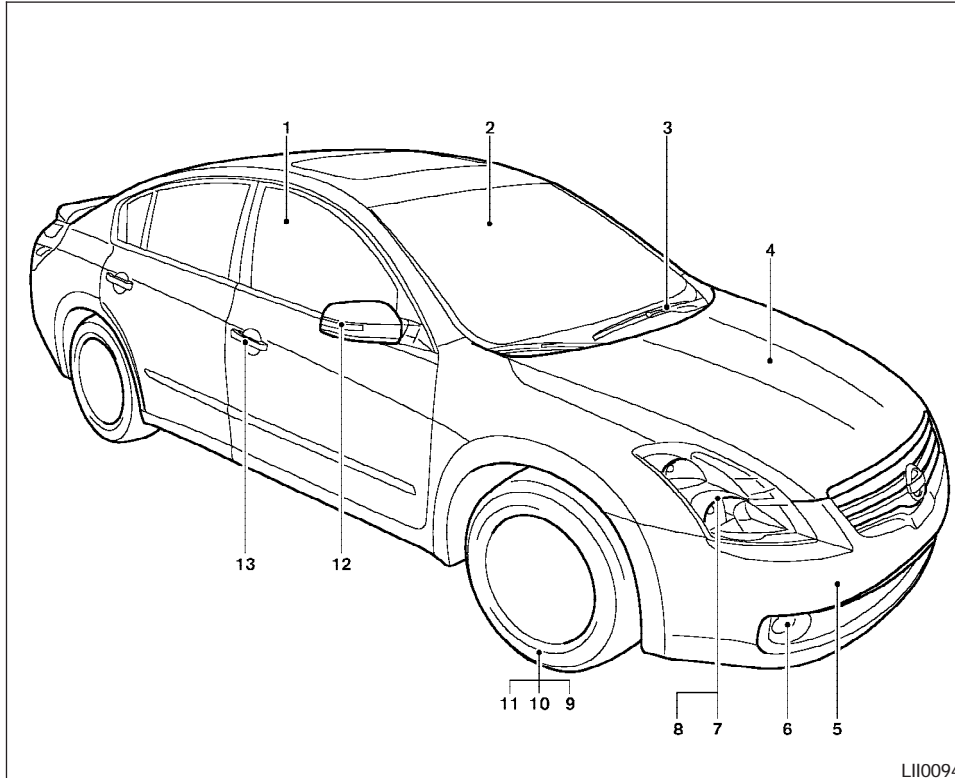
1. Top tether strap anchor (P. 1-20)
2. Rear seat belts (P. 1-9)
3. Supplemental curtain side-impact air bags (P. 1-35)
4. Supplemental side-impact air bags (P. 1-35)
5. Front head restraint (P. 1-7, P. 1-8)
6. Front seat belts (P. 1-9)
7. Supplemental front-impact air bags (P. 1-35)
8. Seats (P. 1-2)
9. Occupant classification sensor (pattern sensor) (P.1-42)
10. Seat belt pretensioners (P. 1-48)
11. LATCH (Lower Anchors and Tethers for Children) (P. 1-18)

**See the page number indicated in parentheses for operating details.**

WI10100



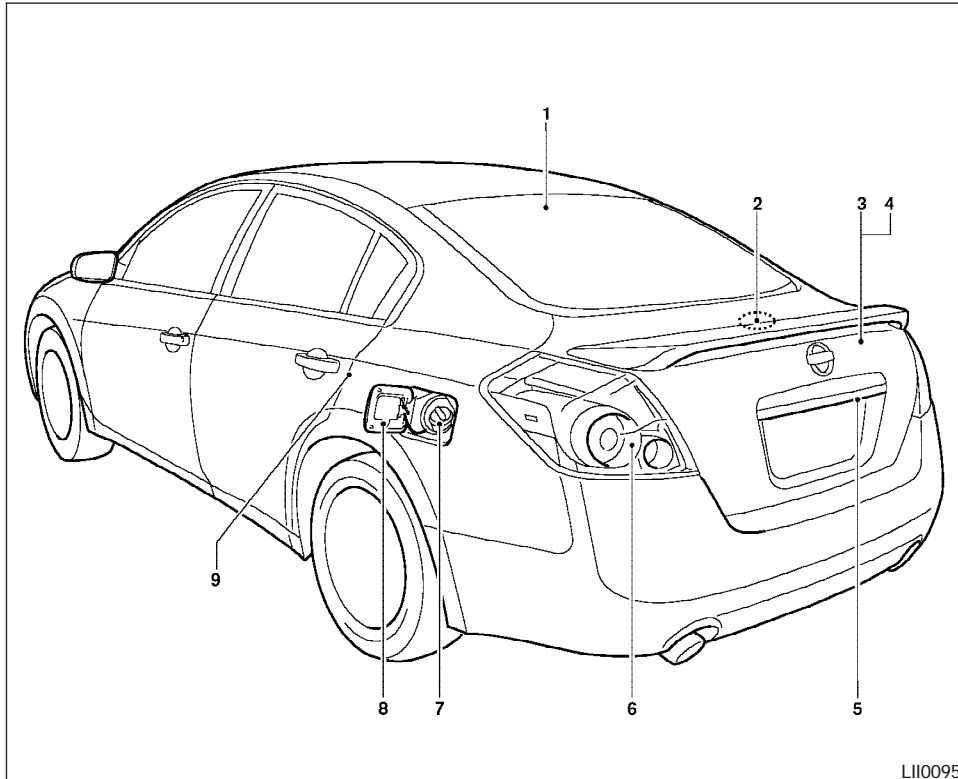
## EXTERIOR FRONT



1. Power windows (P. 2-41)
  2. Windshield (P. 8-19)
  3. Windshield wiper and washer switch (P. 2-25)
  4. Engine hood (P. 3-17)
  5. Tie down/towing hooks (P. 6-12)
  6. Fog light switch (if so equipped) (P. 2-31)
  7. Headlight and turn signal switch (P. 2-26)
  8. Replacing bulbs (P. 8-26)
  9. Tire pressure (P. 8-31)
  10. Flat tire (P. 6-2)
  11. Tire chains (P. 8-38)
  12. Mirrors (P. 3-22)
  13. Door locks, Intelligent key system, keys, request button (P. 3-3, 3-6, 3-2, 3-8)
- See the page number indicated in parentheses for operating details.**

LII0094

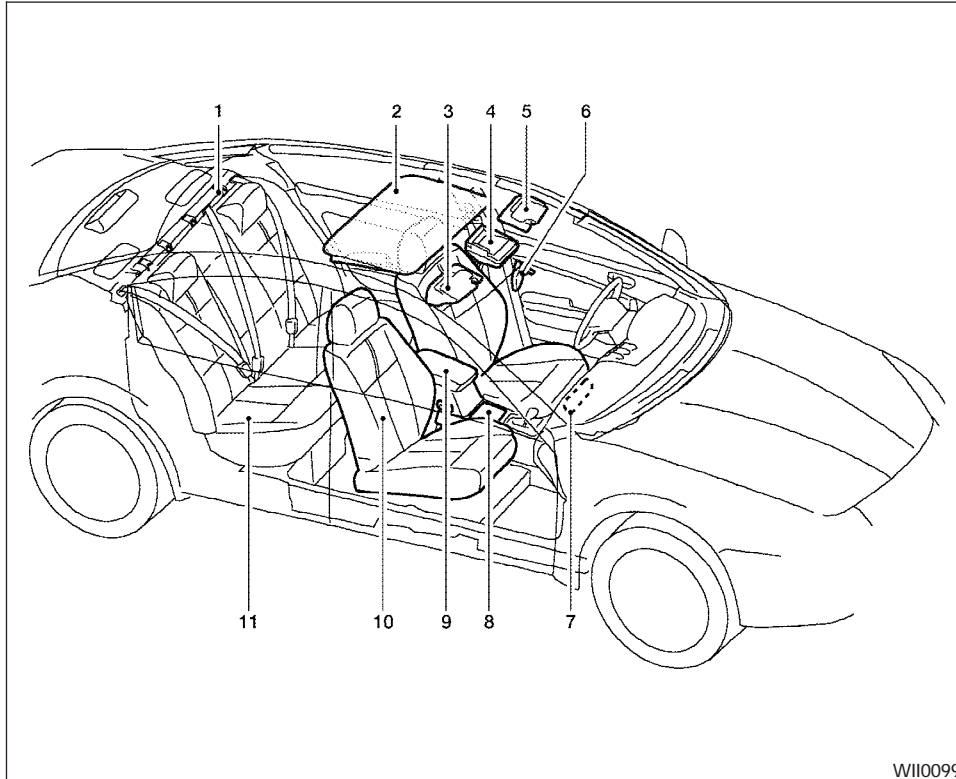
## EXTERIOR REAR



1. Rear window defroster switch (P. 2-26)
2. Interior trunk lid release (P. 3-18)
3. Trunk lid (P. 3-17)
4. Vehicle loading (P.9-12)
5. Exterior trunk lid release/request button (P.3-12)
6. Replacing bulbs (P. 8-26)
7. Fuel-filler cap, fuel recommendation (P. 3-19, P. 9-3)
8. Fuel-filler door (P. 3-19)
9. Child safety locks (P. 3-5)

LI10095

## PASSENGER COMPARTMENT

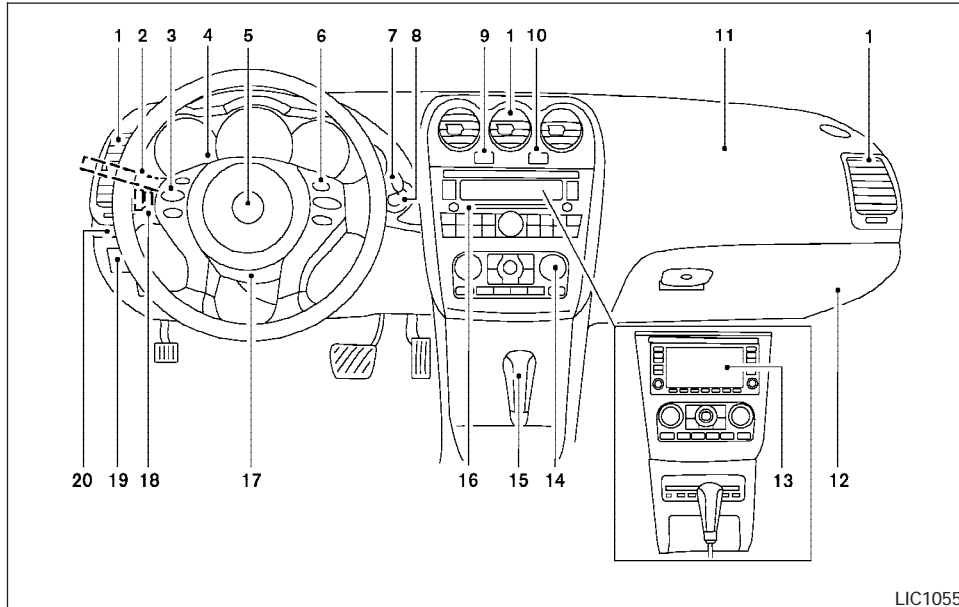


1. Interior trunk access (P. 1-5)
2. Sunroof (if so equipped) (P. 2-44)
3. Sun visors (P. 3-21)
4. Interior lights, illuminated entry (P. 2-45)
5. HomeLink® (if so equipped) (P. 2-47)
6. Automatic anti-glare inside mirror (if so equipped) (P. 3-22)
7. Glove box (P. 2-38)
8. Front cup holders (P. 2-37)
9. Front console (P. 2-38)
10. Front seat (P. 1-2)
11. Rear seat (P. 1-5)

**See the page number indicated in parentheses for operating details.**

WI10099

## INSTRUMENT PANEL



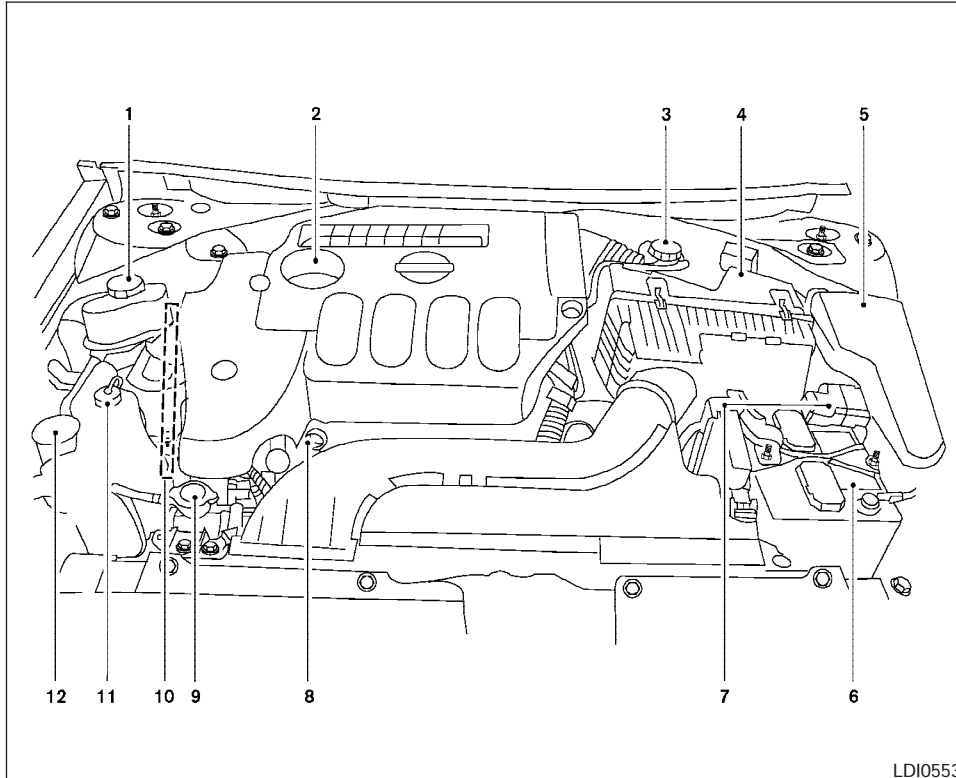
1. Driver, center and passenger ventilators (P. 4-9)
2. Headlight/fog light (if so equipped)/turn signal switch (P. 2-26)
3. Steering wheel switch for audio control (if so equipped) (P. 4-43)
4. Meters and gauges (P. 2-3)
5. Driver supplemental air bag/horn (P. 1-35, 2-32)
6. Cruise control main/set switch (if so equipped) (P. 5-17)

7. Windshield wiper/washer switch (P. 2-25)
8. Push Button Ignition (P. 0-0)
9. Hazard warning flasher switch (P. 2-31)
10. Front passenger air bag status light (P. 1-44)
11. Front passenger supplemental air bag (P. 1-35)
12. Glove box (P. 2-38)
13. Navigation system\* (if so equipped) (P. 4-2)
14. Heater and air conditioner (manual or automatic) (if so equipped) (P. 4-10, P. 4-18)
15. Shift selector lever (P. 5-10)
16. Audio system controls (if so equipped) (P. 4-20)
17. Tilt/telescopic steering wheel controls (P. 3-21)
18. Vehicle Information display controls (P. 2-15)
19. Intelligent Key port (P. 3-6)
20. Trunk opener (P. 3-17)

\*: Refer to the separate Navigation System Owner's Manual.

**See the page number indicated in parentheses for operating details.**

## ENGINE COMPARTMENT CHECK LOCATIONS

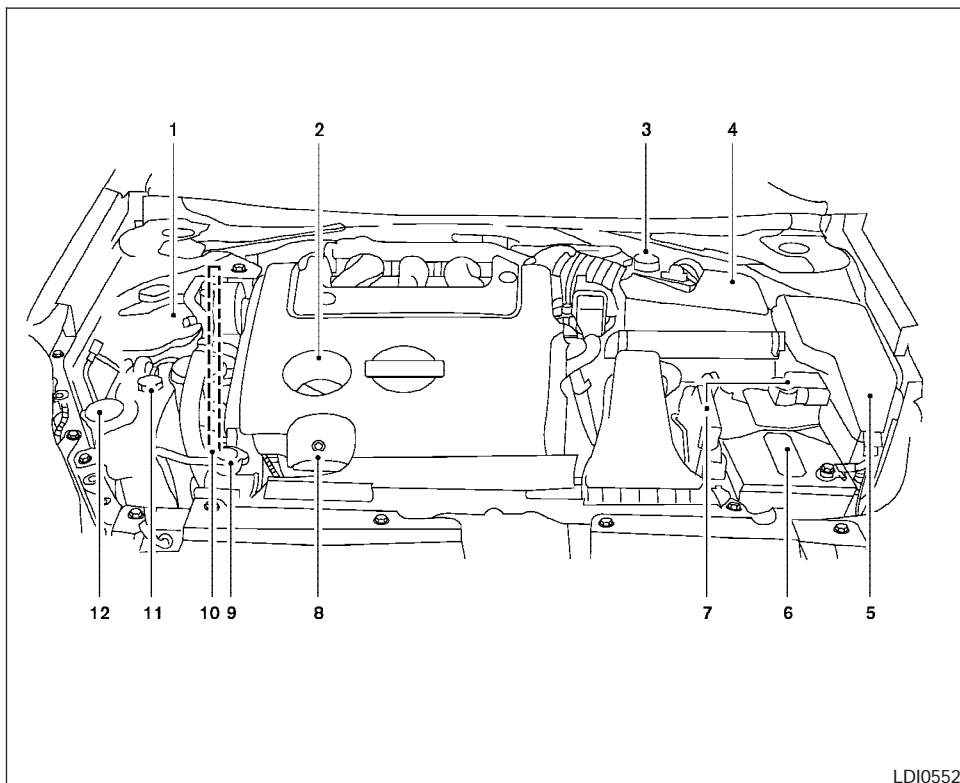


LDI0553

### QR25DE engine

1. Power steering fluid reservoir (P. 8-13)
2. Engine oil filler cap (P. 8-9)
3. Brake fluid reservoir/Clutch fluid reservoir (M/T model) (P. 8-13, 8-14)
4. Air cleaner (P. 8-18)
5. Fuse block (P. 8-21)
6. Battery (P. 8-15)
7. Fuse/fusible link box (P. 8-21)
8. Engine oil dipstick (P. 8-9)
9. Radiator cap (P. 8-8)
10. Drive belt location (P.8-16)
11. Engine coolant reservoir (P. 8-8)
12. Windshield washer fluid reservoir (P. 8-14)

**See the page number indicated in parentheses for operating details.**



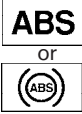

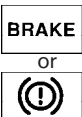




### VQ35DE engine




1. Power steering fluid reservoir (P. 8-13)
2. Engine oil filler cap (P. 8-9)
3. Brake fluid reservoir/Clutch fluid reservoir (M/T model) (P. 8-13, 8-14)
4. Air cleaner (P. 8-18)
5. Fuse block (P. 8-21)
6. Battery (P. 8-15)
7. Fuse/fusible link box (P. 8-21)
8. Engine oil dipstick (P. 8-9)
9. Radiator cap (P. 8-8)
10. Drive belt location (P.8-16)
11. Engine coolant reservoir (P. 8-8)
12. Windshield washer fluid reservoir (P. 8-14)





**See the page number indicated in parentheses for operating details.**






LDI0552

## WARNING/INDICATOR LIGHTS

Warning light	Name	Page
	Anti-lock Braking System (ABS) warning light (if so equipped)	2-9
	Automatic transmission check warning light (if so equipped)	2-10
	Brake warning light	2-10
	Charge warning light	2-10
	Engine oil pressure warning light	2-10
	Intelligent Key system warning light	2-11
	Low tire pressure warning light	2-11

Warning light	Name	Page
	Master warning light	2-12
	Seat belt warning light and chime	2-12
	Supplemental air bag warning light	1-50

Indicator light	Name	Page
	Continuously Variable Transmission (CVT) position indicator light	2-13
	Front passenger air bag status light	2-13
	High beam indicator light (blue)	2-13
	Malfunction indicator light (MIL)	2-13

Indicator light	Name	Page
	Security indicator light	2-24
	Slip indicator light (if so equipped)	2-14
	Traction control system off indicator light (if so equipped)	2-33
	Turn signal/hazard indicator lights	2-14
	Vehicle dynamic control off indicator light (if so equipped)	2-34

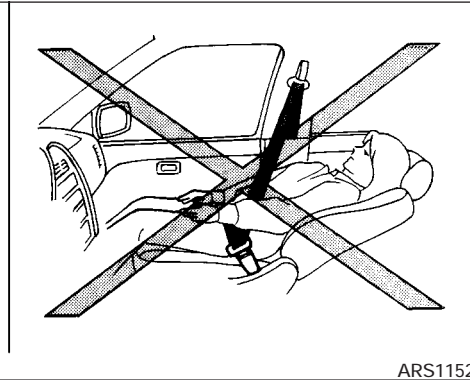
# MEMO



# 1 Safety—Seats, seat belts and supplemental restraint system

Seats .....	1-2	Precautions on child restraints .....	1-16
Front manual seat adjustment .....	1-2	Lower Anchors and Tethers for Children System (LATCH) .....	1-18
Front power seat adjustment (if so equipped for driver's seat) .....	1-4	Top tether strap child restraint .....	1-20
Folding rear seat .....	1-5	Child restraint installation using LATCH .....	1-21
Head restraint adjustment .....	1-7	Child restraint installation using the seat belts .....	1-24
Active head restraint (front seats) .....	1-8	Booster seats .....	1-30
Seat belts .....	1-9	Precautions on booster seats .....	1-30
Precautions on seat belt usage .....	1-9	Booster seat installation .....	1-33
Child safety .....	1-11	Supplemental restraint system .....	1-35
Pregnant women .....	1-13	Precautions on supplemental restraint system .....	1-35
Injured persons .....	1-13	Supplemental air bag warning labels .....	1-49
Three-point type seat belt with retractor .....	1-13	Supplemental air bag warning light .....	1-50
Seat belt extenders .....	1-16		
Seat belt maintenance .....	1-16		
Child restraints .....	1-16		

## SEATS

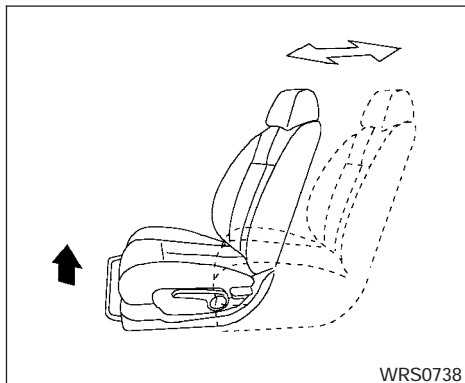


## FRONT MANUAL SEAT ADJUSTMENT

### WARNING

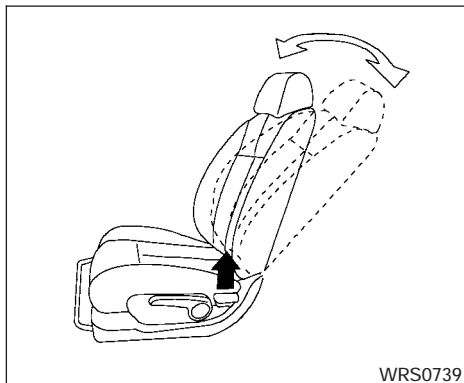
- Do not ride in a moving vehicle when the seatback is reclined. This can be dangerous. The shoulder belt will not be against your body. In an accident, you could be thrown into it and receive neck or other serious injuries. You could also slide under the lap belt and receive serious internal injuries.

- For the most effective protection when the vehicle is in motion, the seat should be upright. Always sit well back in the seat with both feet on the floor and adjust the seat properly. See “Precautions on Seat Belt Usage” later in this section.
- After adjustment, gently rock in the seat to make sure it is securely locked.
- Do not leave children unattended inside the vehicle. They could unknowingly activate switches or controls. Unattended children could become involved in serious accidents.



### Forward and backward

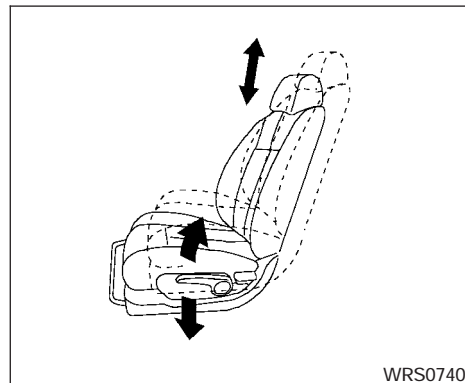
Pull the lever up and hold it while you slide the seat forward or backward to the desired position. Release the lever to lock the seat in position.



### Reclining

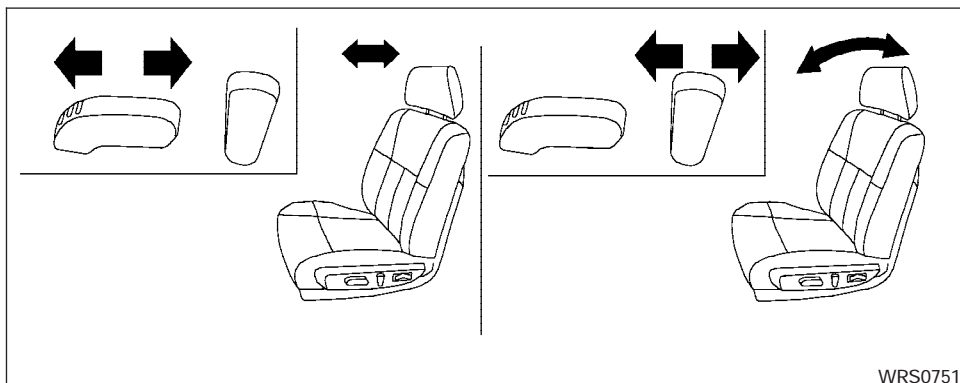
To recline the seatback, pull the lever up and lean back. To bring the seatback forward, pull the lever up and lean your body forward. Release the lever to lock the seatback in position.

The reclining feature allows adjustment of the seatback for occupants of different sizes for added comfort and to help obtain proper seat belt fit. See "Precautions on seat belt usage" later in this section. Also, the seatback can be reclined to allow occupants to rest when the vehicle is stopped.



### Seat lifter (if so equipped for driver's seat)

Pull up or push down the adjusting lever to adjust the seat height until the desired position is achieved.



## FRONT POWER SEAT ADJUSTMENT (if so equipped for driver's seat)

### Operating tips

- The power seat motor has an auto-reset overload protection circuit. If the motor stops during operation, wait 30 seconds, then reactivate the switch.
- Do not operate the power seat switch for a long period of time when the engine is off. This will discharge the battery.

### Forward and backward

Moving the switch forward or backward will slide the seat forward or backward to the desired position.

### Reclining

Move the recline switch backward until the desired angle is obtained. To bring the seatback forward again, move the switch forward and move your body forward. The seatback will move forward.

The reclining feature allows adjustment of the seatback for occupants of different sizes for added comfort and to help obtain proper seat

belt fit (see "Precautions on seat belt usage" later in this section). Also, the seatback can be reclined to allow occupants to rest when the vehicle is stopped.