

2014-2016 **NV200**

TAXI

BODY BUILDER'S GUIDE

NISSAN | Commercial Vehicles



SHIFT_the way you move

FOREWORD

This manual contains body builder's information for the 2014-2016 NISSAN NV200 Taxi.

In order to assure your safety and the efficient functioning of the vehicle, this guide should be read thoroughly.

All information in this guide is based on the latest product information at the time of publication. The right is reserved to make changes in specifications and methods at any time without notice.

IMPORTANT SAFETY NOTICE

The proper performance of procedures is essential for both the safety of the technician and the efficient functioning of the vehicle. The methods in this Body Builder's Guide are described in such a manner that they may be performed safely and accurately. Methods vary with the procedures used, the skills of the technician and the tools and parts available. Accordingly, anyone using procedures, tools or parts which are not specifically recommended by Nissan must first be completely satisfied that neither personal safety nor the vehicle's safety will be jeopardized by the method selected.

WARNINGS, CAUTIONS AND NOTES USED IN THIS MANUAL



WARNING:

This is used to indicate the presence of a hazard that could cause death or serious 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.

NOTE:

This is used to provide additional information.



NISSAN NORTH AMERICA, INC.
Technical Publications Department

Edition: July 2013

Revision: January 2016

Publication Number: BG16EMM20TU0

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GENERAL INFORMATION

DISCLAIMER

Important Regulatory Information

Emission standards and motor vehicle safety standards for new vehicles and equipment have been established by the United States Government under the provisions of the Clean Air Act, the Noise Control Act, and the National Traffic and Motor Vehicle Safety Act. These Acts govern Nissan as the original equipment manufacturer of the NISSAN NV200 Taxi vehicles. They also govern dealers, body builders, and all others who manufacture and market new motor vehicles and equipment. Part 568 of the Title 49 Code of Federal Regulations (CFR) describes requirements for intermediate manufacturers, final-stage manufacturers, and manufacturers who assume legal responsibility for a vehicle. This Body Builder's Guide (Guide) partially fulfills Nissan's obligations as the original equipment manufacturer. Additionally, this guide identifies regulatory requirements to assist intermediate and final stage manufacturers to determine their obligations to conform with these standards.

Compliance labels affixed to NISSAN NV200 Taxi vehicles indicate the status of initial compliance as of the date of manufacture by Nissan. Any subsequent modifications made to this vehicle may affect the final certification of the engine, vehicle or equipment. The body builder, conversion company, or dealer responsible for any modification has the responsibility to certify that the modified vehicle and equipment complies or continues to comply with all applicable motor vehicle safety standards and emissions regulations. The body builder, conversion company, or dealer is responsible for making sure the modifications or installed equipment do not affect the safety of the vehicle, including modifications which may result in a collision, property damage, personal injury or death.

Nissan does not assume responsibility as the final stage manufacturer for modified or altered vehicles. Nissan is not responsible for final certification, product liability claims, or warranty claims, resulting from any component, assembly, or system altered by or at the request of the body builder, conversion company, dealer or vehicle purchaser. Nissan is not responsible for modifications which cause the vehicle to become noncompliant with any of the motor vehicle safety standards, emissions regulations, or modifications that cause the vehicle to be or become defective or unsafe.

Disclaimer

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.

The body builder, conversion company, aftermarket equipment manufacturer, second stage manufacturer, upfitter, dealer and the vehicle purchaser are responsible to abide by all regulations issued by the National Highway Traffic Safety Administration (NHTSA), the Occupational Safety and Health Act (OSHA), state, local, or provincial government laws. These regulations and laws may require the installation of additional equipment for the intended use of the vehicle.

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SERVICE INFORMATION AND TOOLS

For service information, refer to www.nissan-techinfo.com.

For special service tools, refer to www.nissantechmate.com.

CONTACT INFORMATION**General**

Nissan Commercial and Fleet Aftermarket Engineering 1 (855) 651-6655 or by E-mail at Nissan-AET@Nissan-USA.COM.

WARRANTY**Emissions Control System Warranty**

For Nissan warranty information, refer to the Warranty Information Booklet in the Owner's Manual package.

DEFINITIONS OF TERMS

The following definitions are from Title 49, Code of Federal Regulations, Parts 567.3, 568.3, 571.108 and 571.3 where noted. Nissan definitions are for the purpose of this publication only. Some terms are followed by an abbreviation that is used throughout this publication.

Brake Switch — Brake switch signal is applied to the ECM through the stop lamp switch when the brake pedal is depressed. This signal is used mainly to decrease the engine speed while driving the vehicle.

Commission — NYC Taxi and Limousine Commission.

Completed Vehicle — A vehicle that requires no further manufacturing operations to perform its intended function, other than the addition of readily attachable components, such as mirrors or tire and rim assemblies, or minor finishing operations such as painting. (49CFR568.3)

Curb Weight — Is the weight of a motor vehicle with standard equipment; maximum capacity of engine fuel, oil, and coolant; and if so equipped, air conditioning and additional weight optional engine. (49CFR571.3)

Designated Seating Position — Any seating position that can be adjusted to conform to different configurations.

Engine Control Module (ECM) — The ECM consists of a microcomputer and connectors for signal input and output and for the power supply, and also controls the engine.

Gross Combination Weight Rating (GCWR) — The value specified by the manufacturer as the loaded weight of a combination vehicle. (49CFR571.3)

Gross Vehicle Weight Rating (GVWR) — The value specified by the manufacturer as the loaded weight of a single vehicle. (49CFR571.3)

HO2 Heated Oxygen Sensor — The sensor after the three-way catalyst (manifold) that monitors the oxygen level in the exhaust gas on each bank.

Lamps, Reflective Devices, and Associated Equipment — A lamp that is mounted on a multipurpose passenger vehicle, truck, or bus for the purpose of providing illumination to load or unload cargo. (49CFR571.108)

Multipurpose Passenger Vehicle — Multipurpose passenger vehicle means a motor vehicle with motive power, except a low-speed vehicle or trailer, designed to carry 10 persons or less which is constructed either on a truck chassis or with special features for occasional off-road operation (49CFR571.3).

SgRP — The theoretical hip point used by manufacturers when designing a vehicle. More specifically, it describes the relative position of the seated dummy's hip point when the seat is set in the rearmost and lowermost seating position. Also known as the "H-point" (reference point).

Taxicab — A motor vehicle licensed and approved as a Nissan Taxi of Tomorrow.

Taxicab technology service provider — A vendor who has contracted with the Commission to install and maintain the taxicab technology system in Taxicabs.

Taxicab technology system — A hardware and software that provides the following four core services, (1) credit, debit and prepaid card payment, (2) text messaging, (3) trip data collection and transmission, and (4) data transmission with the passenger information monitor.

Taximeter — An instrument or device approved by the Commission by which the charge to a passenger of a taxicab is automatically calculated and on which such charge is plainly indicated.

Throttle Position Sensor (TPS) — The electric throttle control actuator that consists of the throttle control motor, throttle position sensor, etc. The throttle position sensor responds to the throttle valve movement.

Vehicle Speed Sensor (VSS) — ECM receives vehicle speed signals from two different paths via CAN communication line: One is from the ABS actuator and electric unit (control unit) via the combination unit, and the other is from the TCM.

SAFETY INFORMATION

SUPPLEMENTAL RESTRAINT SYSTEM (SRS) PRECAUTIONS

Precautions for Supplemental Restraint System (SRS) "Air Bag" and "Belt Pre-Tensioner"

**WARNING:**

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which could result in air bag inflation, it is recommended that all maintenance and repair be performed by an authorized NISSAN/INFINITI dealer.
- Improper repair, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system or failure of the system to work properly in the event of an accident.
- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, the front passenger seat cannot be permanently removed.
- Do not use electrical test equipment on any circuit related to the SRS. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

Precautions When Using Power Tools (Air or Electric) and Hammers

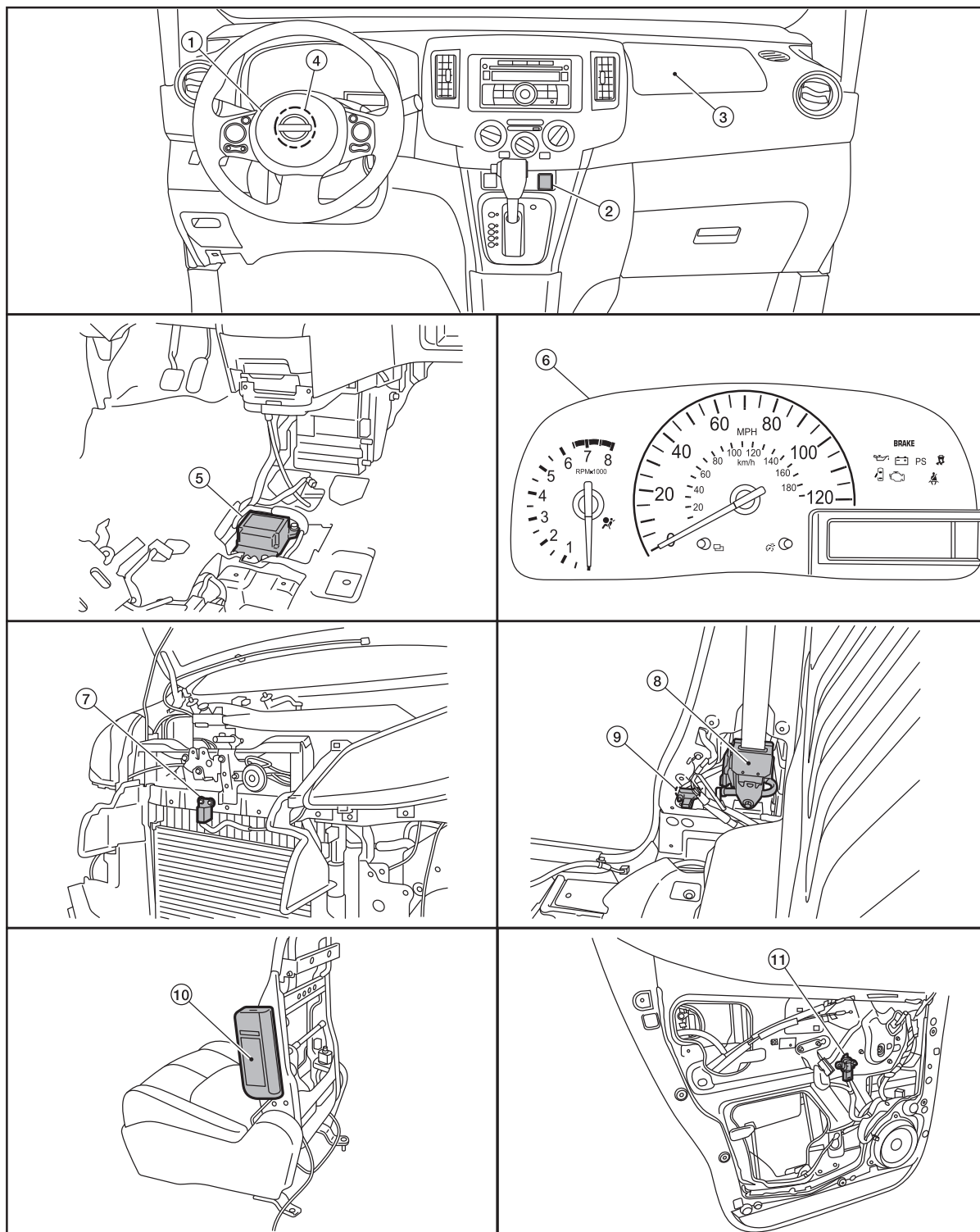
**WARNING:**

- When working near the Air bag Diagnosis Sensor Unit or other Air bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery or batteries, and wait at least 3 minutes before performing any service. Care should be taken to avoid damaging or contacting SRS components. Doing so may cause the system to improperly operate in the event of a collision.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS) COMPONENT LOCATIONS

[SAFETY INFORMATION]

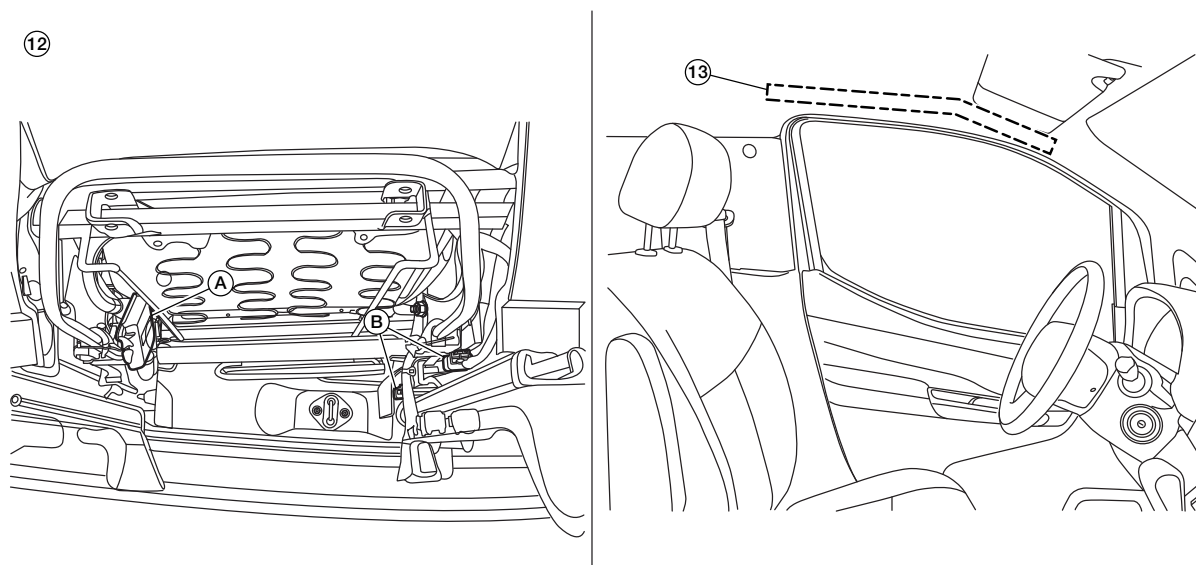
SUPPLEMENTAL RESTRAINT SYSTEM (SRS) COMPONENT LOCATIONS



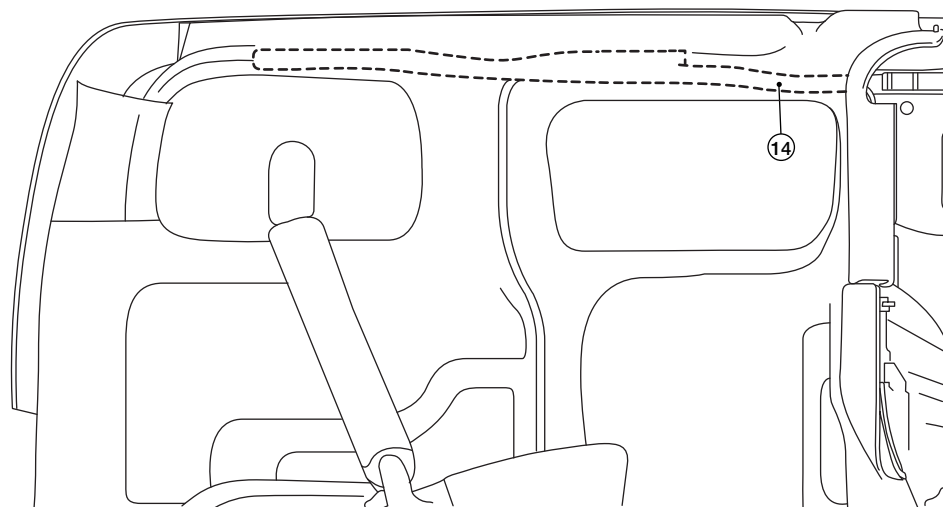
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SUPPLEMENTAL RESTRAINT SYSTEM (SRS) COMPONENT LOCATIONS

[SAFETY INFORMATION]



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- | | |
|--|--|
| 1. Driver air bag module | 2. Passenger air bag OFF indicator |
| 3. Front passenger air bag module | 4. Spiral cable |
| 5. Air bag diagnosis sensor unit (view with center console removed) | 6. Instrument Cluster (SRS warning light) |
| 7. Crash zone sensor (view with front grille removed) | 8. Front LH seat belt pre-tensioner (RH similar) (view with lower center pillar cover removed) |
| 9. Front side air bag satellite sensor LH (RH similar) | 10. Front LH side air bag module (RH similar) |
| 11. Front door satellite sensor LH (view with front door finisher LH removed) (RH similar) | 12. A. Occupant classification control unit
B. Occupant classification system sensor |
| 13. LH side front curtain air bag module (RH similar) | 14. LH side rear curtain air bag module (RH similar) |

OCCUPANT CLASSIFICATION SYSTEM

**WARNING:**

After removal and installation of the front passenger seat, a zero point reset function must be performed. It is recommended that this be performed by a NISSAN dealer using a special tool. If zero point reset is not performed, the occupant classification system may not operate normally which may increase the risk of serious injury or death in a collision.

**WARNING:**

Do not disturb or modify the front passenger seat wiring. Failure to follow this instruction may cause incorrect operation of the occupant classification system and front passenger air bag or system failure and may increase the risk of serious injury or death in a collision.

The front passenger seat is equipped with seat weight sensors as part of the supplemental restraints occupant classification system. The occupant classification sensors (weight sensors) are on the seat cushion frame under the front passenger seat and are designed to detect an occupant and objects on the seat. The front passenger air bag status lamp is illuminated when the system is disabled. For occupant classification system and front passenger air bag operation, refer to the Owner's Manual. For repair of the front passenger seat, occupant classification system, air bags or if an air bag warning lamp is illuminated, It is recommended that you visit a NISSAN dealer.

FRONT AIR BAG DEPLOYMENT ZONES

FRONT AIR BAG MODULE LOCATIONS



WARNING:

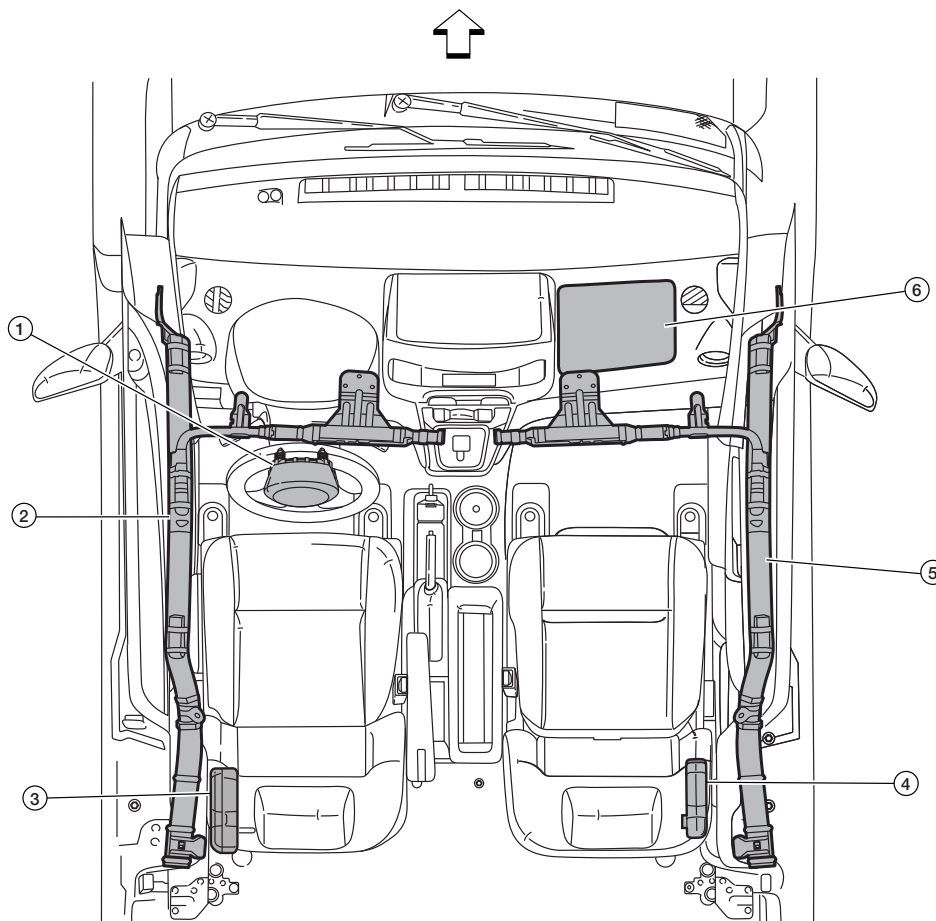
Modifications must not interfere with air bag modules or deployment zones. Damage to air bag modules may cause serious personal injury or death. Objects placed within air bag deployment zones may cause serious personal injury or death.

NOTE:

Do not add accessory items that, when installed, will interfere with the installed position of the air bag or the zones of the deploying air bags.

Front Air Bag Modules — Overhead View

 = Air Bag Module Locations (No modifications in these areas.)



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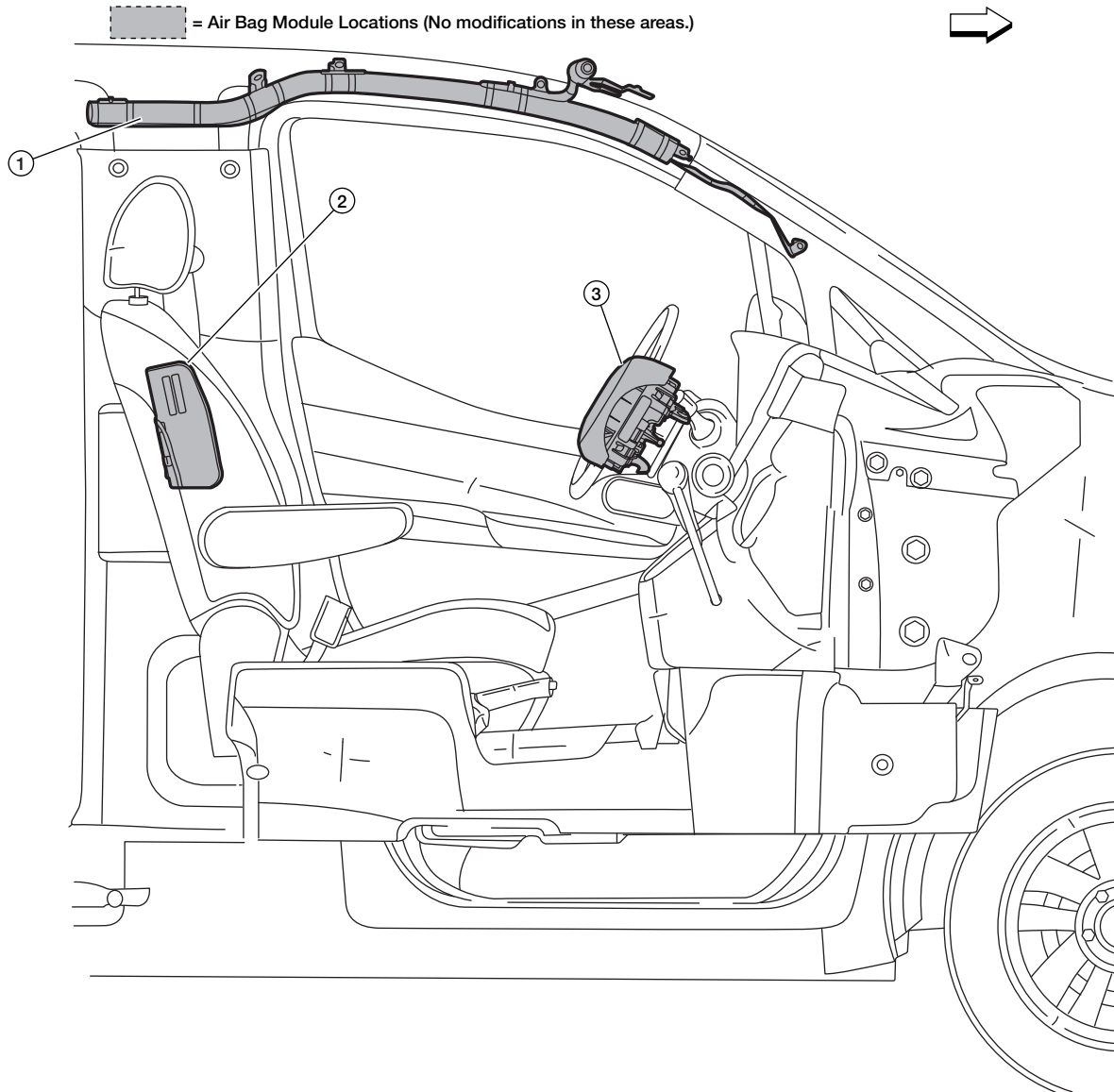
↖: Front of vehicle.

- | | | |
|-----------------------------------|---|-----------------------------------|
| 1. Driver air bag module | 2. Side curtain air bag module, driver | 3. Side air bag module, driver |
| 4. Side air bag module, passenger | 5. Side curtain air bag module, passenger | 6. Front passenger air bag module |

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Front Air Bag Modules — Driver Side



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↔: Front of vehicle.

1. Side curtain air bag module
(located behind LH side of headlining and across windshield header)

2. Side air bag module (located at
outboard side of driver seatback)

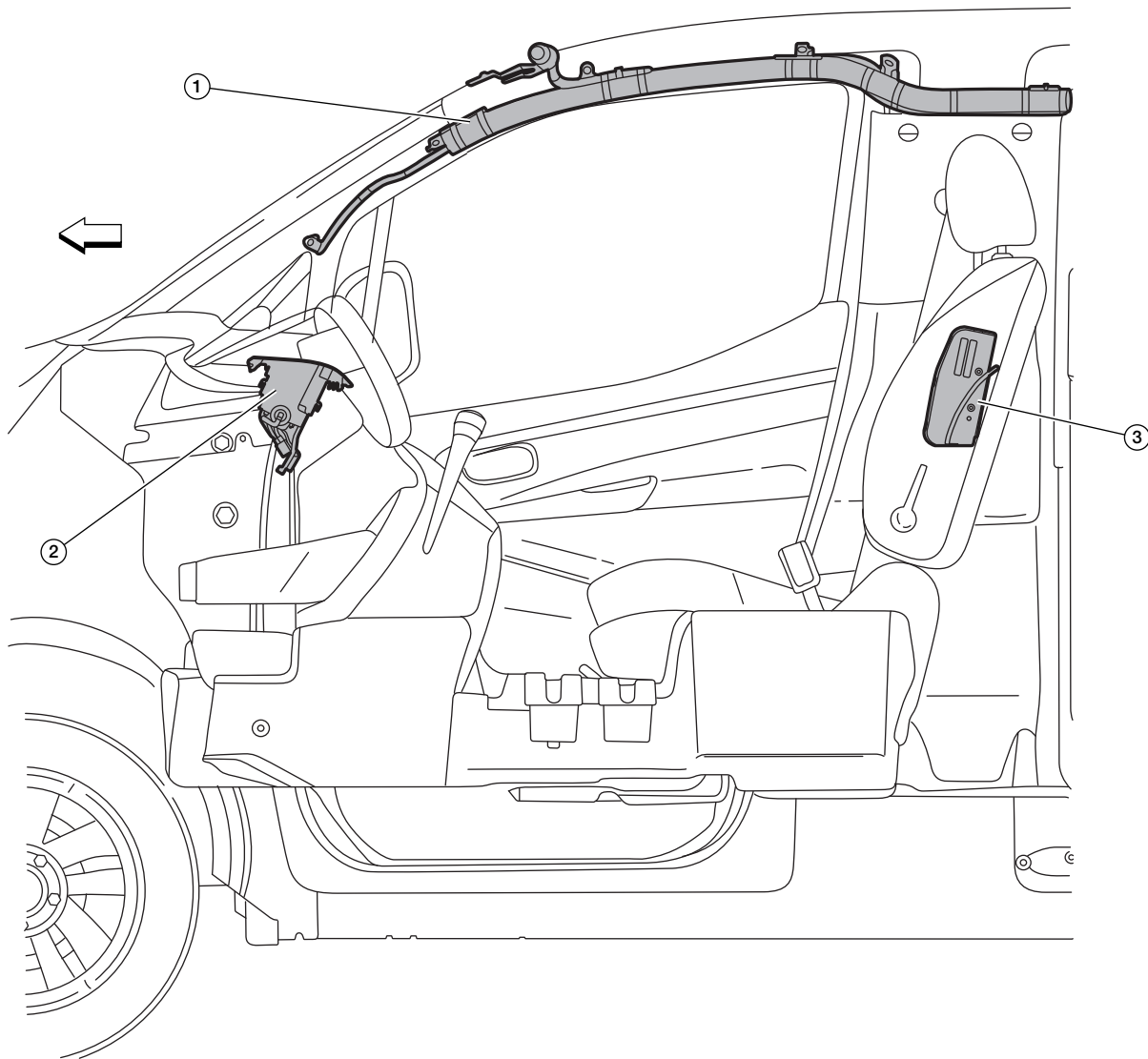
3. Driver air bag module (located in
steering wheel)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Front Air Bag Modules — Passenger Side

 = Air Bag Module Locations (No modifications in these areas.)



AAZIA0350GB

: Front of vehicle.

1. Side curtain air bag module
(located behind RH side of headlining and across windshield header)

2. Front passenger air bag module
(located in RH side of instrument panel)

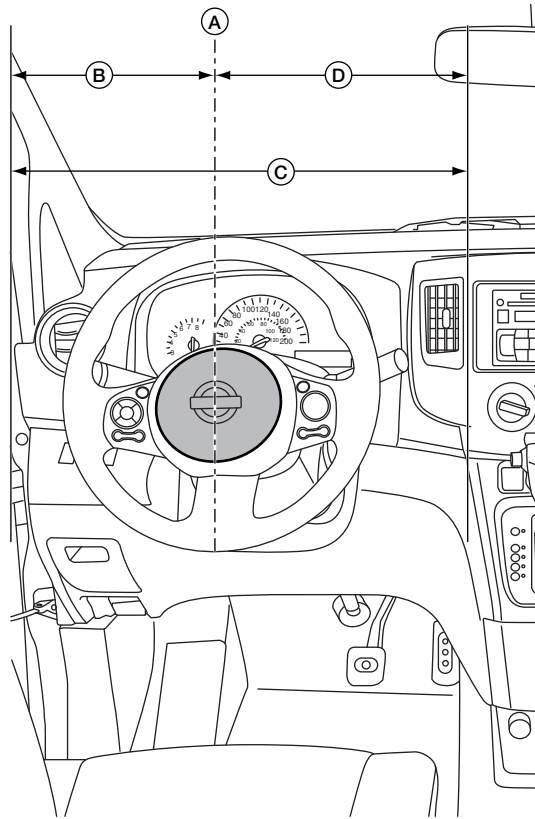
3. Side air bag module (located at outboard side of passenger seat-back)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Driver Air Bag Deployment Width

 = Driver Air Bag Module



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A. Center of the driver air bag module housing

B. 267.5 mm (10.53 in)

C. Maximum lateral projection of the deployed driver air bag 535 mm (21.06 in)

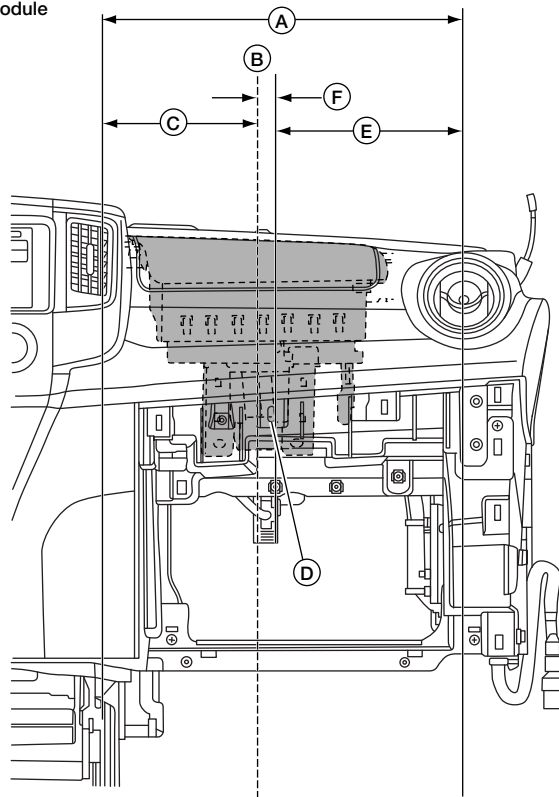
D. 267.5 mm (10.53 in)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Front Passenger Air Bag Deployment Width

 = Front Passenger Air Bag Module



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A. Maximum lateral projection of the deployed front passenger air bag
475 mm (18.7 in)

B. Center of front passenger air bag module housing

C. 237.5 mm (9.35 in)

D. Reference point: glove box striker inboard fastener

E. 199 mm (7.83 in)

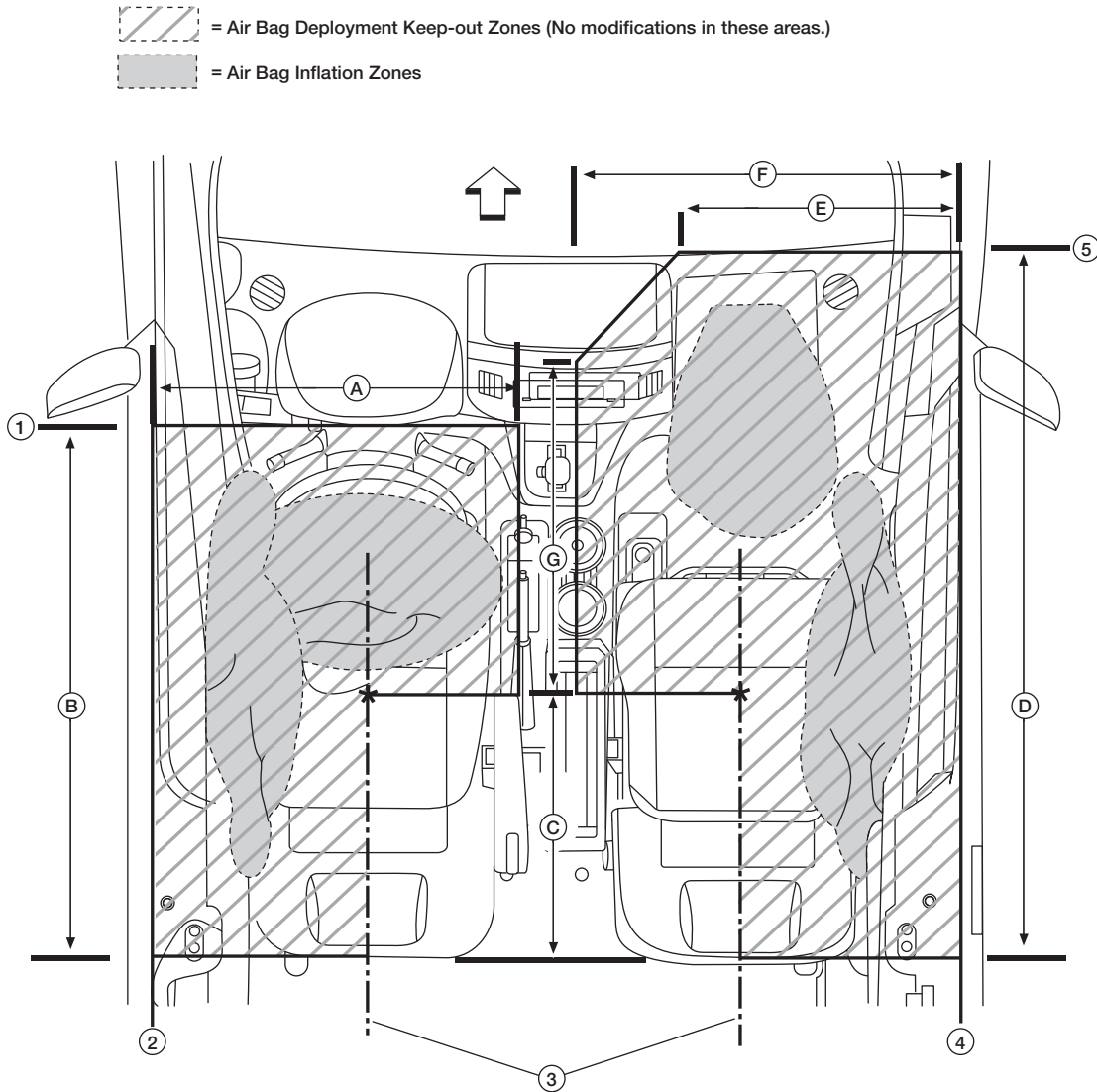
F. 38.5 mm (1.52 in)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

AIR BAG DEPLOYMENT KEEP-OUT ZONES

Front Air Bag Keep-Out Zones — Overhead View



AAZIA0354GB

↖: Front of vehicle.

* Center of seat

1. Reference point: instrument panel edge

2. Reference point: door glass trim edge

3. Reference point: seat center lines

4. Reference point: door glass trim edge

5. Reference point: instrument panel seam

A. 735 mm (28.94 in)

B. 1,050 mm (41.34 in)

C. 500 mm (19.69 in)

D. 1,415 mm (55.71 in)

E. 580 mm (22.83 in)

F. 732.1 mm (28.82 in)

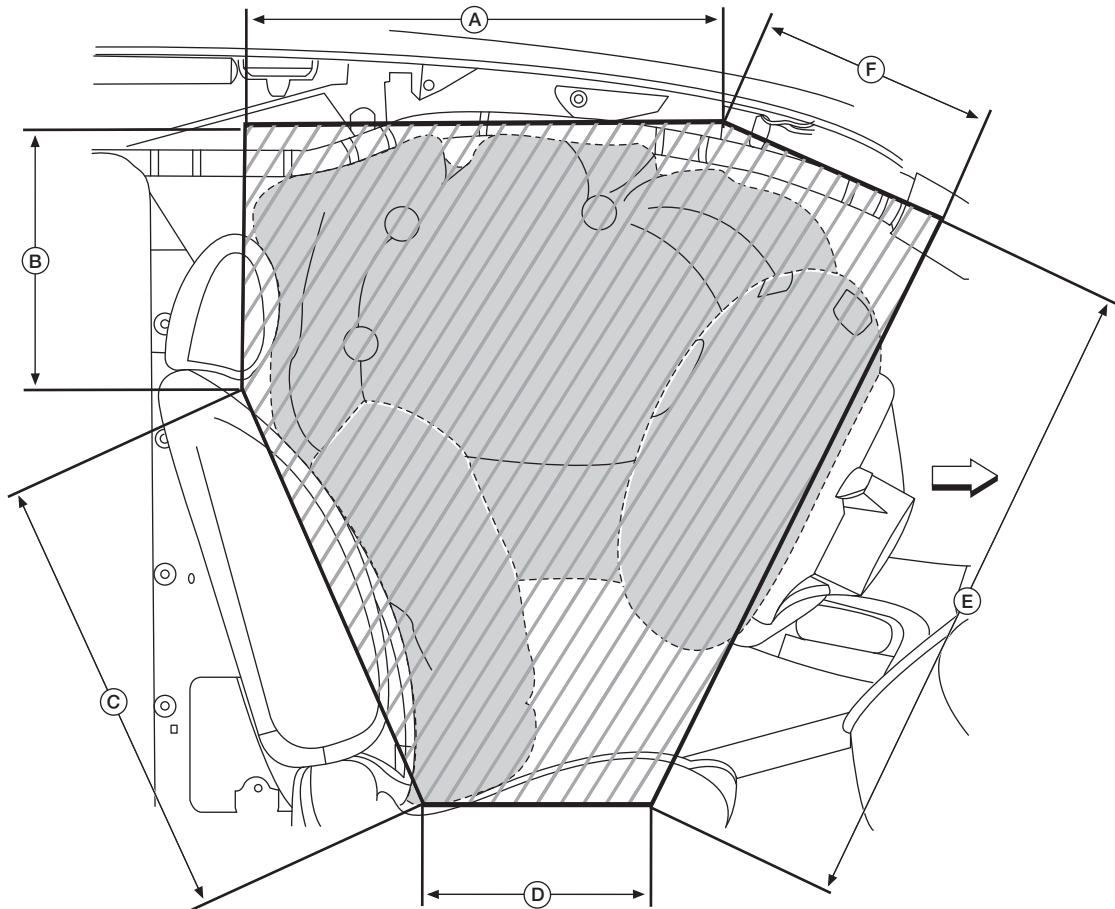
G. 651 mm (25.63 in)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Driver Side View

-  = Air Bag Deployment Keep-out Zone (No modifications in this area.)
 = Air Bag Inflation Zone



AAZIA0358GB

↖: Front of vehicle.

A. 635 mm (25 in)

B. 510 mm (20.08 in)

C. 685 mm (26.97 in)

D. 405 mm (15.94 in)

E. 915 mm (36.02 in)

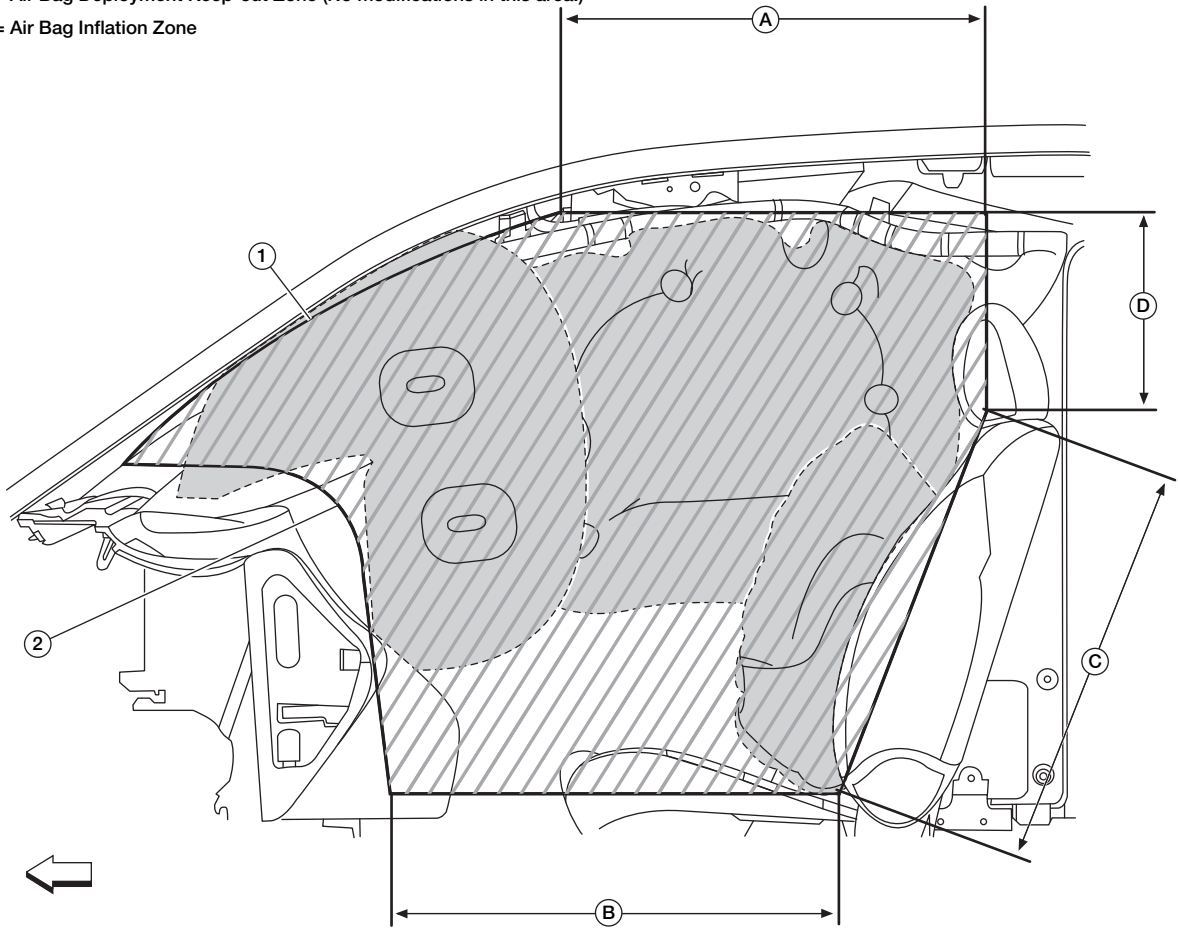
F. 355 mm (13.98 in)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Passenger Side View

-  = Air Bag Deployment Keep-out Zone (No modifications in this area.)
 = Air Bag Inflation Zone



AAZIA0359GB

↖: Front of vehicle.

1. Reference point: zone follows windshield surface

B. 405 mm (15.94 in)

2. Reference point: zone follows instrument panel surface contour

C. 685 mm (26.97 in)

A. 635 mm (25.00 in)

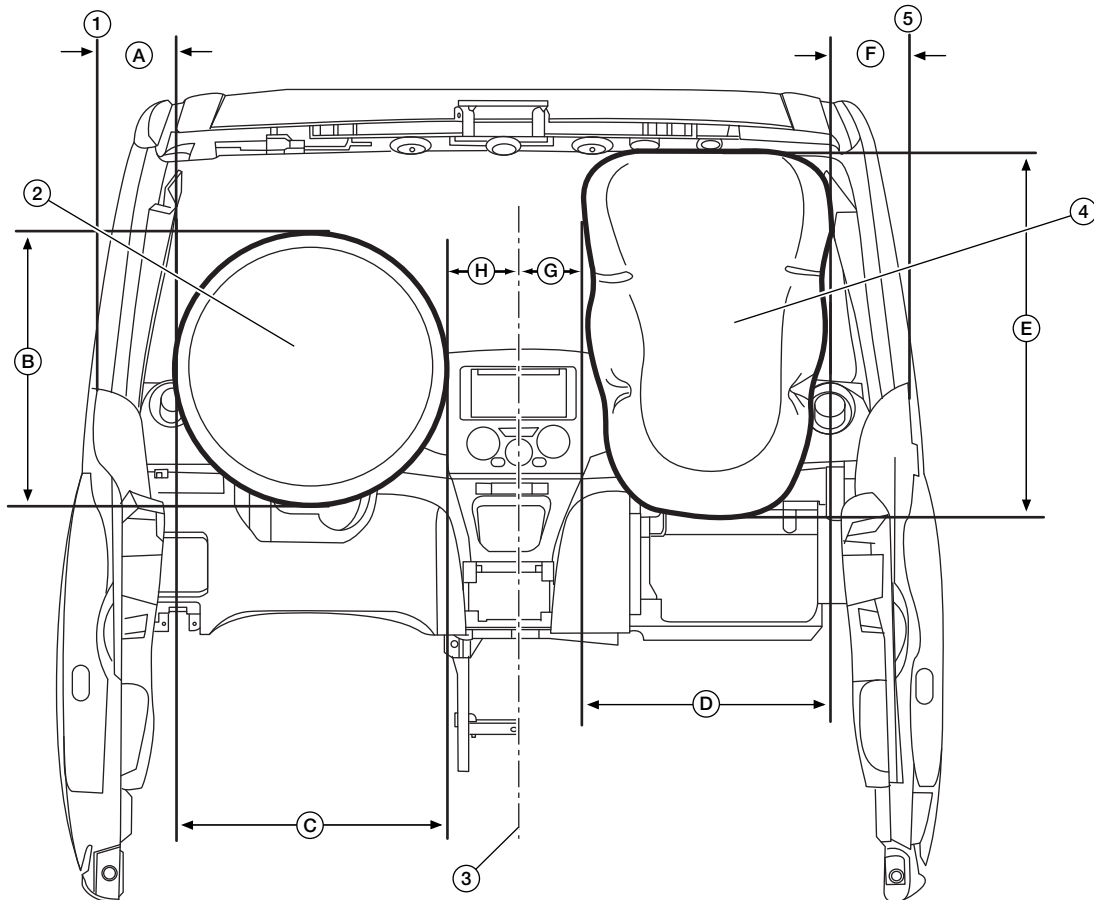
D. 510 mm (20.08 in)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

INFLATED AIR BAG ZONE DIMENSIONS

Driver and Passenger Air Bag Inflation Zones — Forward View



AAZIA0258ZZ

1. Reference point: door glass trim edge

4. Maximum inflated front passenger air bag

B. 535 mm (21.06 in)

E. 690 mm (27.17 in)

H. 125 mm (4.92 in)

2. Maximum inflated driver air bag

5. Reference point: door glass trim edge

C. 535 mm (21.06 in)

F. 150 mm (5.91 in) between door glass trim edge and air bag.

3. Reference point: vehicle center line

A. 150 mm (5.91 in) between door glass trim edge and air bag.

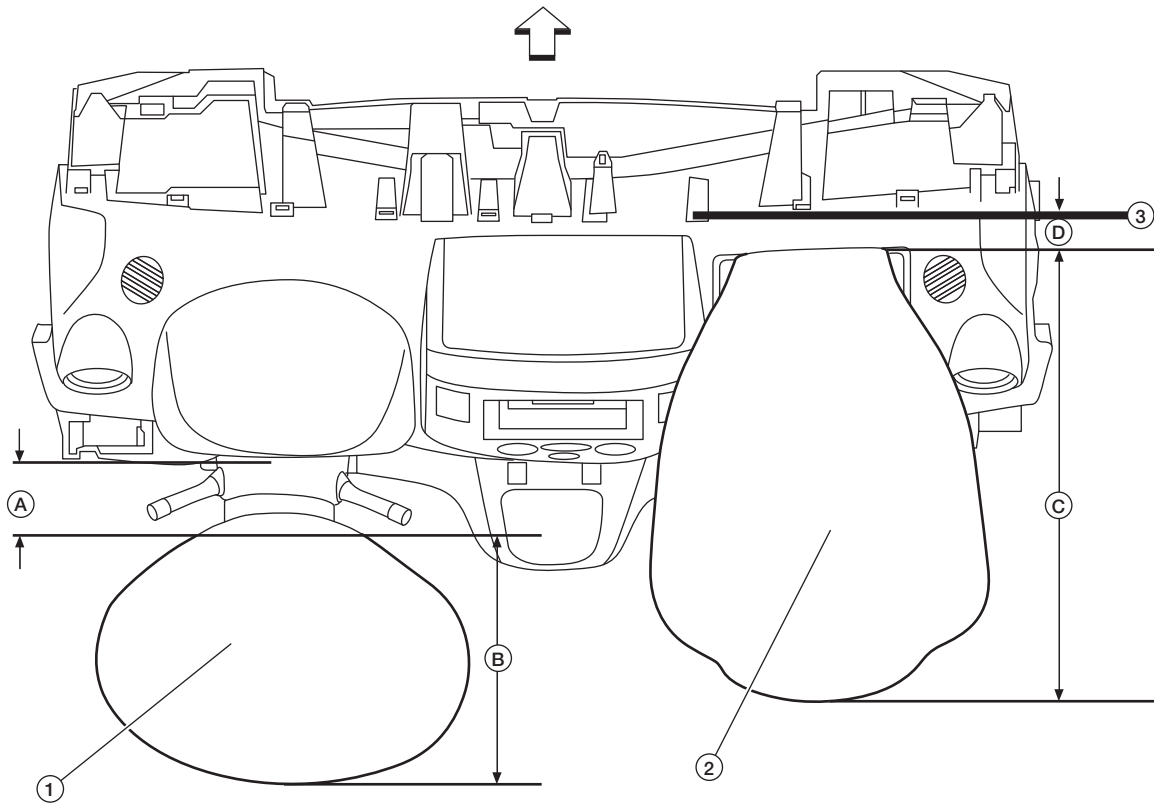
D. 475 mm (18.70 in)

G. 120 mm (4.72 in)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Overhead View



AAZIA0259ZZ

↖: Front of vehicle.

1. Maximum inflated driver air bag

2. Maximum inflated front passenger air bag

3. Reference point: instrument panel seam

A. 110 mm (4.33 in) between instrument panel and air bag.

B. 340 mm (13.39 in)

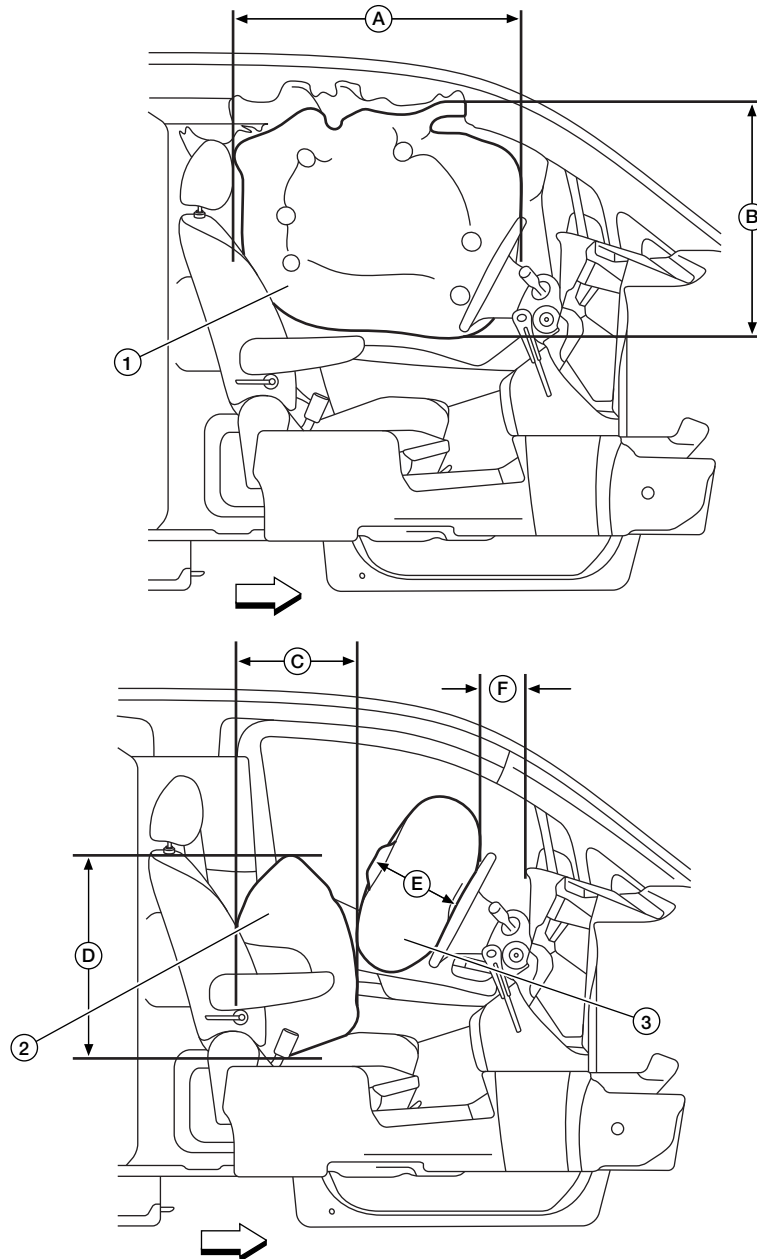
C. 645 mm (25.39 in)

D. 40 mm (1.57 in)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Driver Side View



AAZIA0256ZZ

↔: Front of vehicle.

1. Maximum inflated side curtain air bag

A. 760 mm (29.92 in)

D. 550 mm (21.65 in)

2. Maximum inflated side air bag

B. 750 mm (29.53 in)

E. 200 mm (7.87 in)

3. Maximum inflated driver air bag

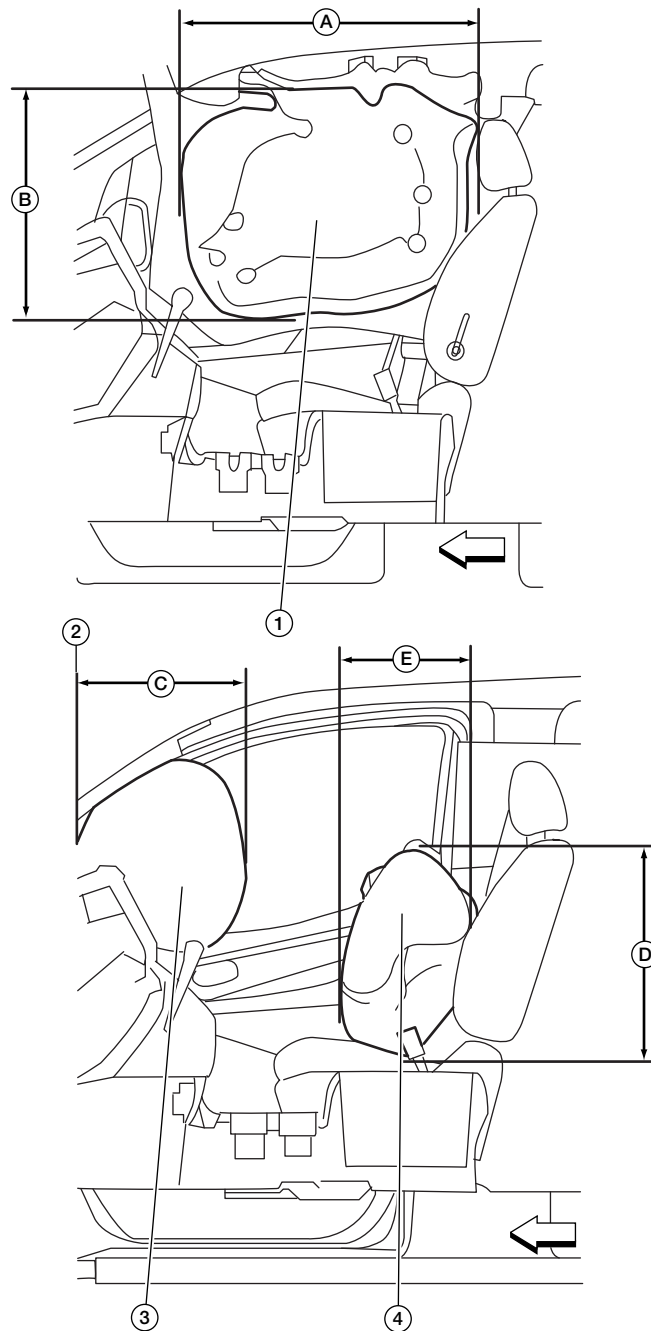
C. 350 mm (13.78 in)

F. 110 mm (4.33 in) between instrument panel and air bag.

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Passenger Side View



AAZIA0283ZZ

↔: Front of vehicle.

- 1. Maximum inflated side curtain air bag
- 4. Maximum inflated side air bag
- C. 645 mm (25.39 in)

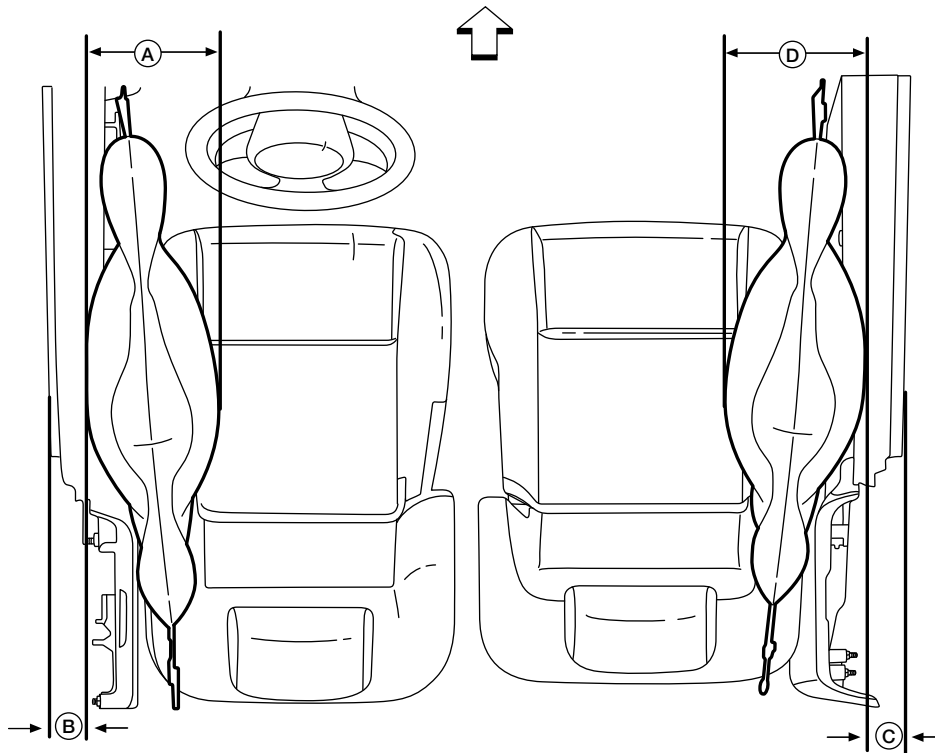
- 2. Front edge of front passenger air bag module
- A. 760 mm (29.92 in)
- D. 550 mm (21.65 in)

- 3. Maximum inflated front passenger air bag
- B. 750 mm (29.53 in)
- E. 350 mm (13.78 in)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Side Curtain Air Bag Inflation Zones — Overhead View



AAZIA0260ZZ

↖: Front of vehicle.

A. 210 mm (8.27 in)

B. 60 mm (2.36 in) between door glass trim edge and air bag.

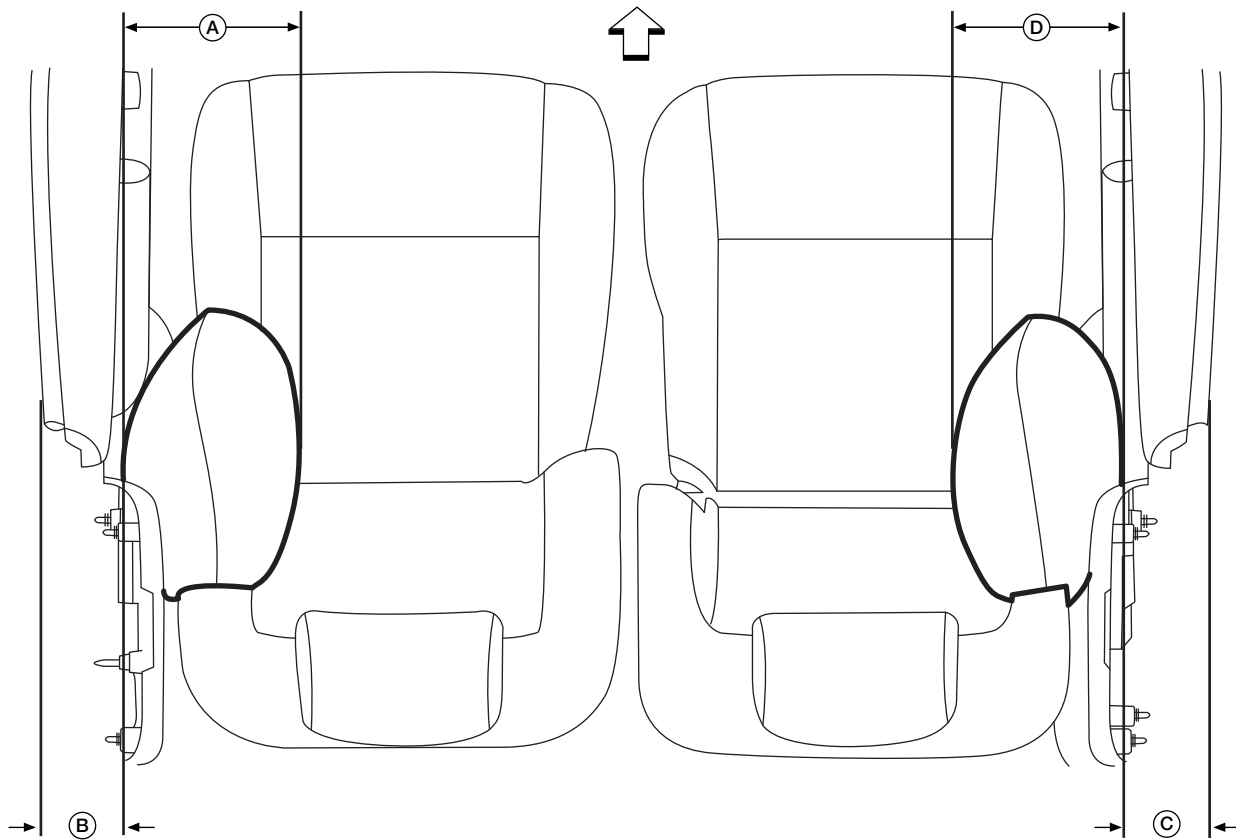
C. 60 mm (2.36 in) between door glass trim edge and air bag.

D. 210 mm (8.27 in)

FRONT AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Side Air Bag Inflation Zones — Overhead View



AAZIA0261ZZ

↖: Front of vehicle.

A. 200 mm (7.87 in)

B. 115 mm (4.53 in) between door glass trim edge and air bag.

C. 115 mm (4.53 in) between door glass trim edge and air bag.

D. 200 mm (7.87 in)

REAR SIDE CURTAIN AIR BAG DEPLOYMENT ZONES



WARNING:

Modifications must not interfere with air bag modules or deployment zones. Damage to air bag modules may cause serious personal injury or death. Objects placed within air bag deployment zones may cause serious personal injury or death.

NOTE:

Do not add accessory items that, when installed, will interfere with the installed position of the air bag or the zones of the deploying air bags.

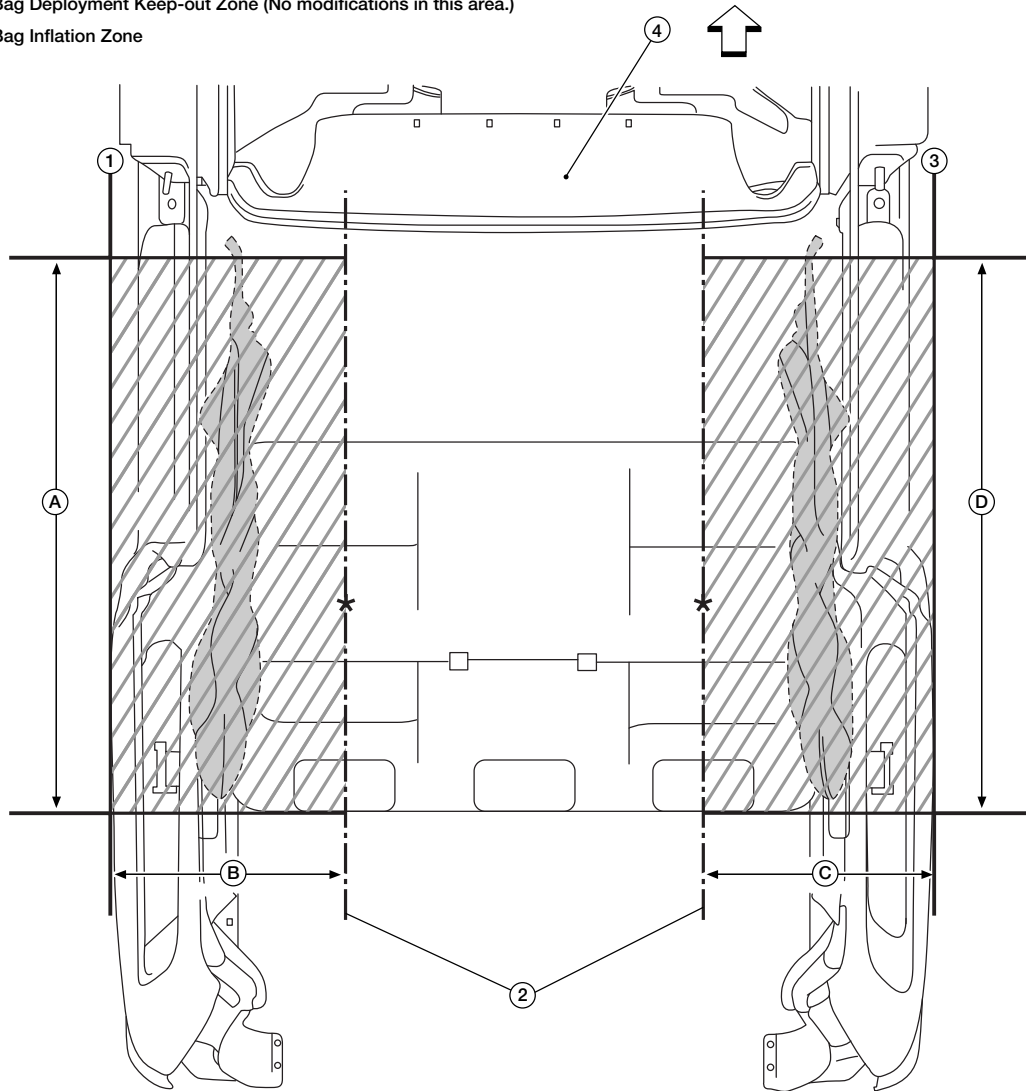
REAR SIDE CURTAIN AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

REAR SIDE CURTAIN AIR BAG DEPLOYMENT KEEP-OUT ZONES

Rear Side Curtain Air Bag Keep-Out Zones — Overhead View

-  = Air Bag Deployment Keep-out Zone (No modifications in this area.)
 = Air Bag Inflation Zone



AAZIA0345GB

↔: Front of vehicle.

* Center of seat

1. Reference point: Exterior body side surface

2. Reference point: seat center lines

3. Reference point: Exterior body side surface

4. Reference point: Partition panel assembly

A. 1,120 mm (44.09 in)

B. 480 mm (18.90 in)

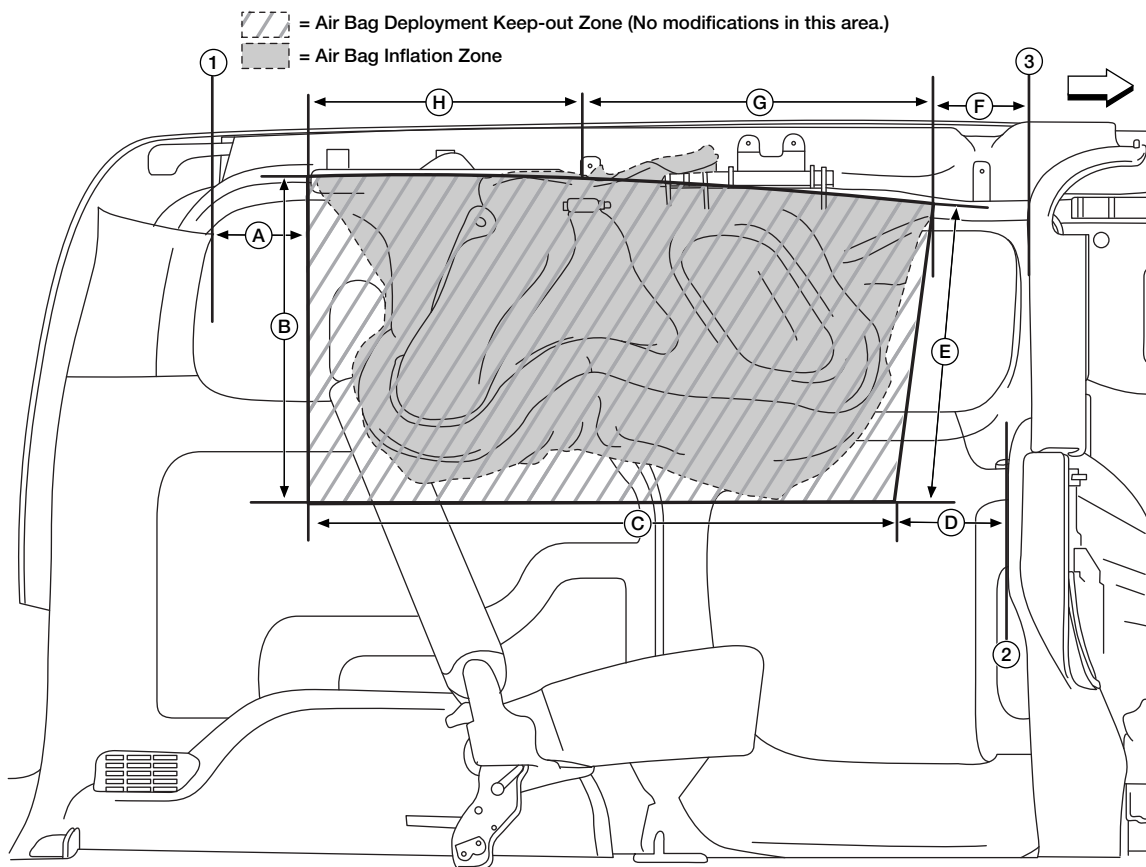
C. 480 mm (18.90 in)

D. 1,120 mm (44.09 in)

REAR SIDE CURTAIN AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Rear Side Curtain Air Bag Keep-Out Zone — Driver Side View



AAZIA0346GB

←: Front of vehicle.

1. Reference point: Forward edge of interior trim panel

A. 195 mm (7.68 in)

D. 230 mm (9.06 in)

G. 705 mm (27.76 in)

2. Reference point: Partition finish panel

B. 595 mm (23.43 in)

E. 540 mm (21.26 in)

H. 415 mm (16.34 in)

3. Reference point: Partition window surface

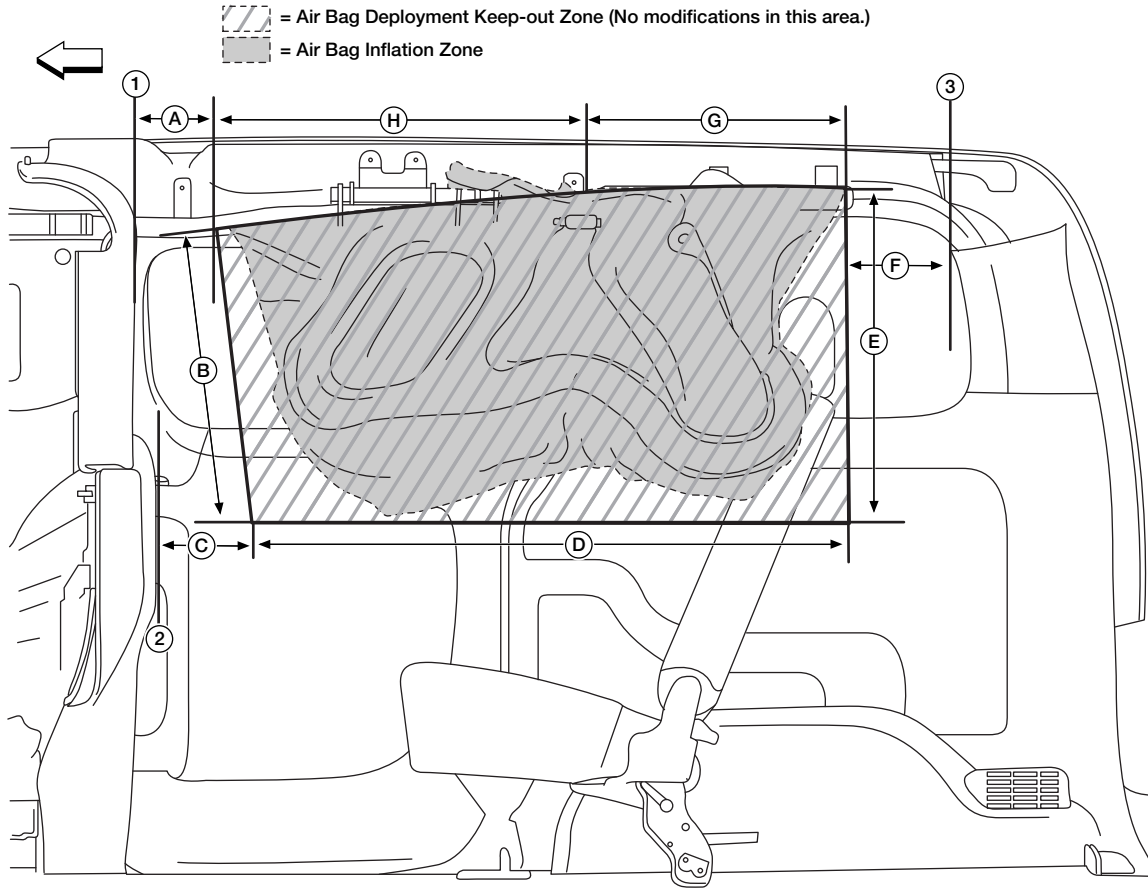
C. 1,025 mm (40.35 in)

F. 165 mm (6.50 in)

REAR SIDE CURTAIN AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Rear Side Curtain Air Bag Keep-Out Zone — Passenger Side View



AAZIA0380GB

↖: Front of vehicle.

1. Reference point: Partition window surface

A. 165 mm (6.50 in)

D. 1,025 mm (40.35 in)

G. 415 mm (16.34 in)

2. Reference point: Partition finish panel

B. 540 mm (21.26 in)

E. 595 mm (23.43 in)

H. 705 mm (27.76 in)

3. Reference point: Forward edge of interior trim panel

C. 230 mm (9.06 in)

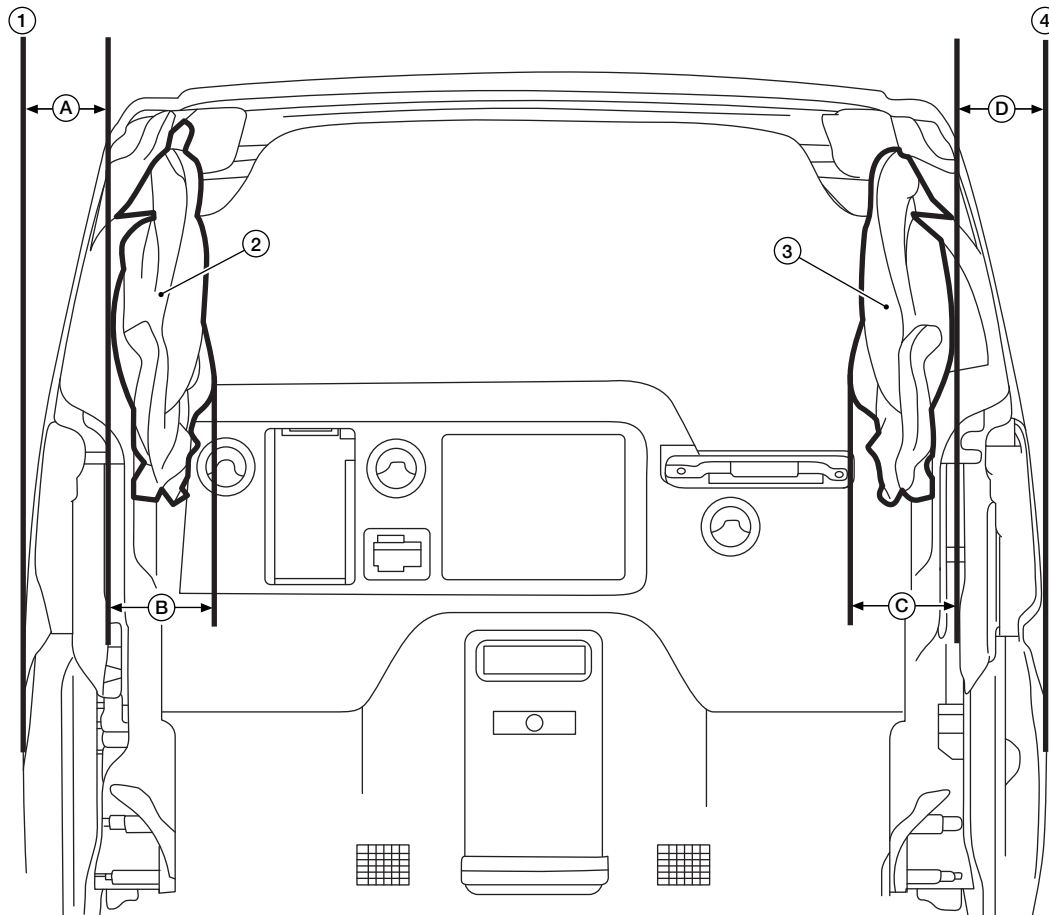
F. 195 mm (7.68 in)

REAR SIDE CURTAIN AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

INFLATED REAR SIDE CURTAIN AIR BAG ZONE DIMENSIONS

Rear Side Curtain Air Bag Inflation Zones — Forward View



AAZIA0475ZZ

1. Reference point: Exterior body side surface

4. Reference point: Exterior body side surface

C. 175 mm (6.89 in)

2. Maximum inflated rear side curtain air bag

A. 155 mm (6.10 in)

D. 155 mm (6.10 in)

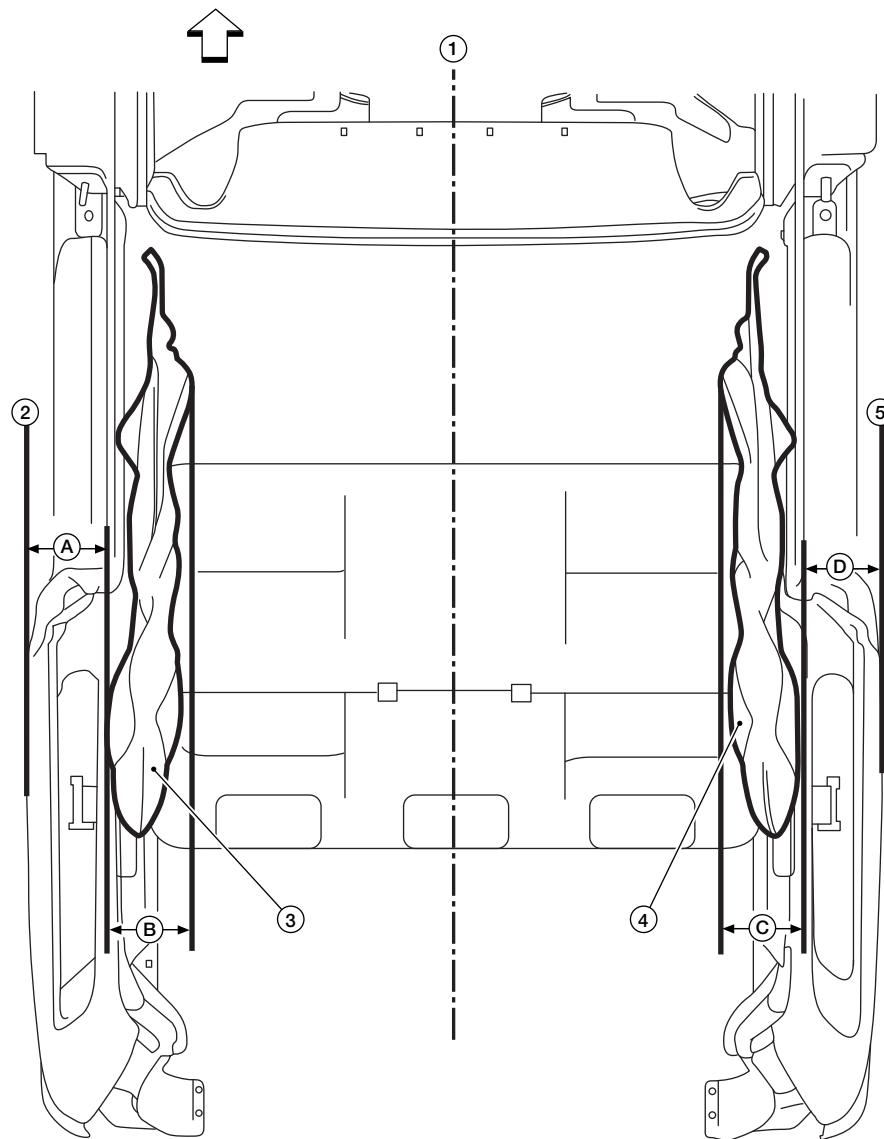
3. Maximum inflated rear side curtain air bag

B. 175 mm (6.89 in)

REAR SIDE CURTAIN AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Rear Side Curtain Air Bag Inflation Zones — Overhead View



AAZIA0263ZZ

↖: Front of vehicle.

1. Reference point: vehicle center line

4. Maximum inflated rear side curtain air bag

B. 175 mm (6.89 in)

2. Reference point: Exterior body side surface

5. Reference point: Exterior body side surface

C. 175 mm (6.89 in)

3. Maximum inflated rear side curtain air bag

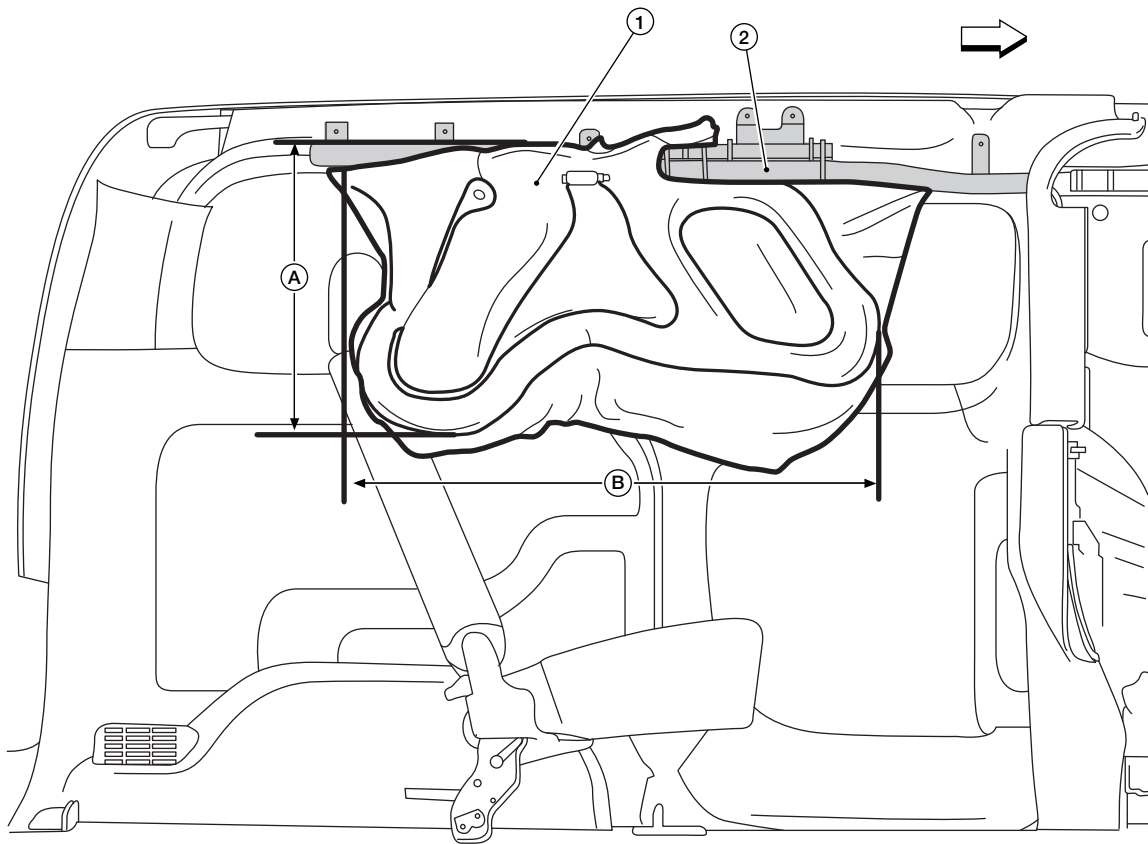
A. 155 mm (6.10 in)

D. 155 mm (6.10 in)

REAR SIDE CURTAIN AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Rear Side Curtain Air Bag Inflation Zones — Driver Side View



AAZIA0264ZZ

↖: Front of vehicle.

1. Maximum inflated rear side curtain air bag

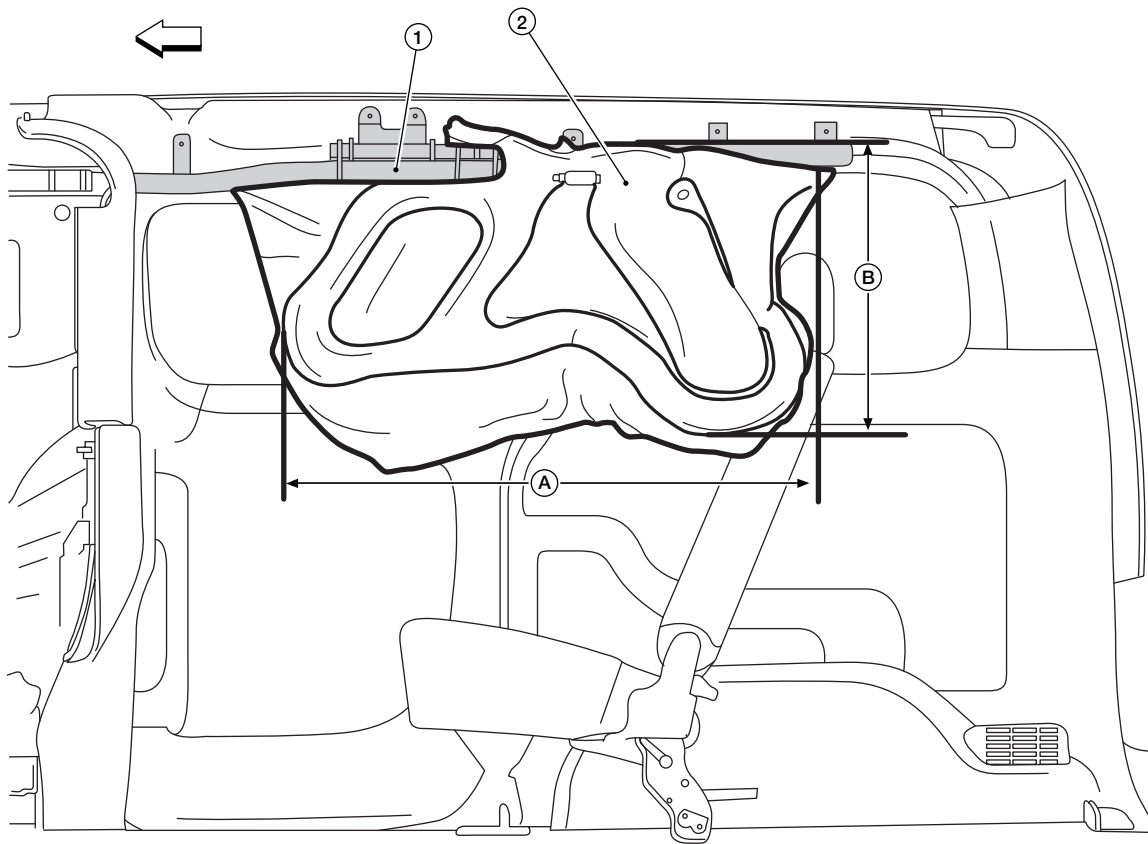
B. 965 mm (37.99 in)

2. Rear side curtain air bag module A. 530 mm (20.87 in)

REAR SIDE CURTAIN AIR BAG DEPLOYMENT ZONES

[SAFETY INFORMATION]

Rear Side Curtain Air Bag Inflation Zones — Passenger Side View



AAZIA0265ZZ

↖: Front of vehicle.

1. Rear side curtain air bag module

2. Maximum inflated rear side curtain air bag

A. 965 mm (37.99 in)

B. 530 mm (20.87 in)

ALTERED VEHICLES

Safety / Emissions

Certification Labels for Altered Vehicles

A person or company who alters a previously certified vehicle before the first purchase by the final customer in such a manner that its stated weight ratings are revised, is required by Federal Regulation (49 CFR Part 567.7) to affix an Altered Vehicle Certification Label in addition to the FMVSS Certification Label. The label must be affixed to the vehicle in the manner and form described in 49 CFR Part 567.4:

- The label shall, unless riveted, be permanently affixed in such a manner that it cannot be removed without destroying or defacing it.
- The label shall be affixed to either the hinge pillar, B-pillar, or the door edge that meets the door-latch post next to the driver's seating position or, if none of these locations is practicable, to the left side of the instrument panel (other permissible locations are also specified in 49 CFR Part 567.4).
- The lettering on the label shall be of a color that contrasts with the background of the label.
- The label shall contain the required statements in the English language and lettered in block capitals and numerals not less than three thirty-seconds of an inch high.
- The lettering shall be permanent. If typed or written, a protective clear cover may be necessary to prevent information from being wiped off.
- Label must not cover or obscure the FMVSS Certification Label.

The label must meet the following requirements as described in Section 9:

- Shall be permanently attached.
- Shall be affixed adjacent to the original compliance label required by Section 6.
- The lettering of the label shall be clear, indelible, indented, or embossed, or of a color that contrasts with the background color of the label, and in block capitals and numerals not less than 2.0 mm (0.1 in) high.
- The label shall be permanently affixed to the same surface as that to which the FMVSS label is affixed.

BRAKE COMPLIANCE GUIDELINES

Brake Compliance Guidelines (FMVSS)

Any changes to the vehicle must still comply with FMVSS allowing for the following provisions:

- No alterations, modifications or replacements are made to the following systems:
 - parking brake
 - anti-lock brakes
 - engine vacuum
 - steering
 - wheels or tires
 - brakes
 - indicator lamps and wiring
 - brake system reservoir labeling
 - suspension ride height or spring rate
- The vehicle is re-balanced by the addition of an equivalent weight if components are permanently removed.
- The applicable GAWRs and GVWR weights are not exceeded.
- The vertical distance from the ground to the completed vehicle center of gravity should not exceed 703 mm (27.7 in) at the Gross Vehicle Weight Rating (GVWR).

FMVSS REGULATION LIST**Standards**

For FMVSS standards, refer to the following website:

<http://www.nhtsa.gov/staticfiles/rulemaking/pdf/FMVSS-QuickRefGuide-HS811439.pdf>

PRECAUTIONS

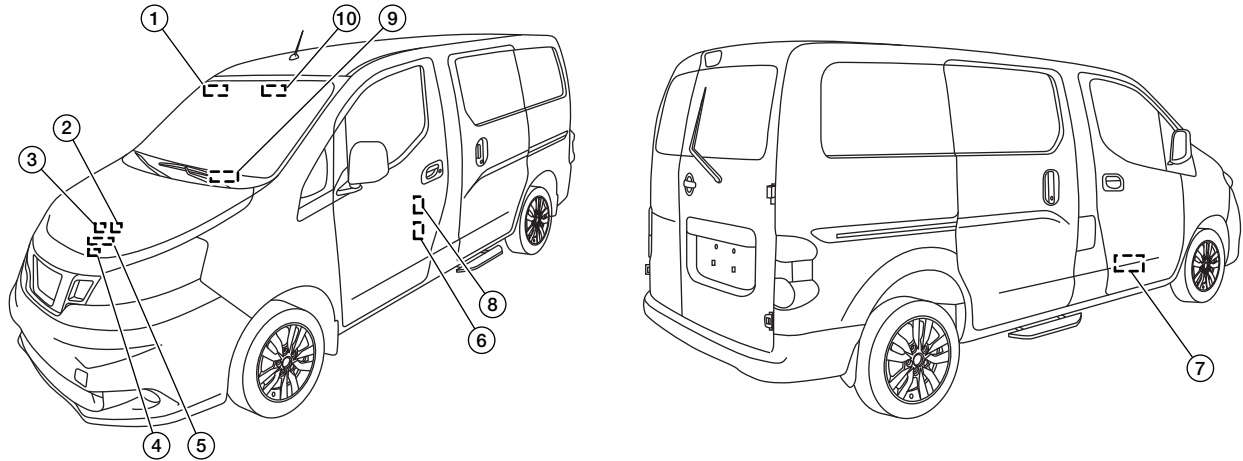
Precautions For Electrical CAN (Controller Area Network) System

- Do not modify the CAN system.
- For additional information and identification of CAN system, refer to the Service Manual or contact Nissan Commercial and Fleet Aftermarket Engineering 1 (855) 651-6655 or by E-mail at Nissan-AET@Nissan-USA.COM.

MODEL INFORMATION

LABEL INFORMATION

Identification Number



AAZIA0284ZZ

- | | | |
|---|---|--|
| 1. SRS air bag warning label | 2. Air conditioning specification label | 3. Transmission fluid specification label |
| 4. Brake fluid warning label | 5. Emission control information label | 6. FMVSS Certification Label |
| 7. Vehicle identification number (Chassis number) (located near right side of passenger seat) | 8. Tire and loading information label | 9. Vehicle identification number (VIN) plate |
| 10. SRS air bag warning label | | |

VEHICLE CODING INFORMATION

Vehicle Identification

Vehicle Identification Number Arrangement

Position	Character	Qualifier	Definition
1	3N8	Manufacturer	3N8: Mexico produced Nissan MPV
2			
3			
4	C	Engine type	C: MR20DE
5	M0	Vehicle line	M0: Model Code M20
6			
7	J	Body type	J: Taxi
8	T	Gross vehicle weight rating	T: 2+3 Seating Capacity, 2WD, Class C 1st Row: Driver and Passenger 3-Point Manual Belts, Frontal Air Bags, Side Air Bags and Curtain Side Air Bags 2nd Row Outboard: 3-Point Manual Belts and Curtain Side Air Bags 2nd Row Center: 3-Point Manual Belt
9	*	Check digit	(0 to 9 or X) The code for the check digit is determined by a mathematical computation.
10	E	Model year	E: 2014
	F		F: 2015
	G		G: 2016
11	K	Manufacturing plant	K: CIVAC (Cuernavaca, Mexico)
12	XXXXXX	Vehicle serial number	Chassis number
13			
14			
15			
16			
17			

CLASS**Model Variation**

Prefix and suffix designations:

Position	Character	Qualifier	Definition
1	T	Body type	T: MPV
2	DR	Engine	DR: MR20DE (2.0L)
3			
4	A	Axle	A: 2WD
5	L	Drive	L: LH
6	D	Grade	D: S
7	V	Transmission	V: CVT
8	M20	Model	M20: NV200 Taxi
9			
10			
11	E	Intake	E: EGI
12	U	Zone	U: USA
13	T	Equipment	T: Taxi Equipment
14	XXXXX	Option Codes	Option Codes
15			
16			
17			
18			

Body	Engine	Transmission	Destination	Grade	Equipment	Model
Taxi	MR20DE (2.0L)	CVT	USA	S	NV200 Taxi	TDRALDV-EUT

GVWR CAPACITY

Gross Vehicle Weight Rating (GVWR) is the weight specified by Nissan as the maximum allowable weight for the loaded vehicle.

The GVW must not exceed the Gross Vehicle Weight Rating (GVWR) shown on the FMVSS Certification Label. The GVW equals the combined weight of the unloaded vehicle, passengers, luggage and any other optional equipment. In addition, front or rear GAW must not exceed the Gross Axle Weight Rating (GAWR) shown on the FMVSS Certification Label.

DIMENSIONS

Resource Chart

Item	Grade →	TAXI
Base Curb Weight - Total	kg (lbs)	1,645 (3,627)
Base Curb Weight - Rear	kg (lbs)	706 (1,557)
Base Curb Weight - Front	kg (lbs)	939 (2,070)
2014 Model Year: Maximum GVWR - Max. Pass., Plus Cargo	kg (lbs)	2,140 (4,718)
2015-2016 Model Years: Maximum GVWR - Max. Pass., Plus Cargo		2,205 (4,862)
Max. Tires and Load Rating @ 290 kPa (42 psi) - Rear	kg (lbs)	185/65R15 92T XL 480 (1,058)
Max. Tires and Load Rating @ 290 kPa (42 psi) - Front	kg (lbs)	185/65R15 92T XL 480 (1,058)
2014 Model Year: Maximum Payload	kg (lbs)	495 (1,091)
2015-2016 Model Years: Maximum Payload		560 (1,235)
2014 Model Year: Rear GAWR	kg (lbs)	1,140 (2,513)
2015-2016 Model Years: Rear GAWR		1,145 (2,525)
Front GAWR	kg (lbs)	1,060 (2,338)
Maximum Cargo Width at Wheel Wells	mm (in)	1,188.2 (46.8)
Maximum Cargo Width at Floor	mm (in)	1,192.5 (46.9)
Maximum Cargo Height	mm (in)	1,309 (51.5)
Maximum Cargo Length at Floor - Behind Seat	mm (in)	726.6 (28.6)
Maximum Cargo Length- Behind Seat Back in Upright Position	mm (in)	544 (21.4)
Cargo Volume	m ³ (ft ³)	1.031 (36.4)
Vehicle Height	Without Roof Lamp mm (in) →	1,872.7 (73.7)
	With Roof Lamp mm (in) →	1,893.3 (74.5)
Wheelbase	mm (in)	2,925 (115.2)
Wheel Type	—	Aluminum
Front Tread Width	mm (in)	1,525 (60)
Rear Tread Width	mm (in)	1,520 (59.8)
Turning Radius	m (ft)	11.2 (36.7)
Cargo Area Lifter Height	mm (in)	537.2 (21.1)

DIMENSIONS

[MODEL INFORMATION]

Item	Grade →	TAXI
Slide Door Opening Width - Maximum Clearance, Without Door	Without Door Seal and Interior Trim mm (in) →	819.5 (32.3)
	With Door Seal and Interior Trim mm (in) →	812.8 (32)
Slide Door Opening Width - Maximum Clearance, With Door	Without Door Seal and Interior Trim mm (in) →	673.7 (26.5)
	With Door Seal and Interior Trim mm (in) →	670.4 (26.4)
Slide Door Opening Height - Maximum Clearance	Without Door Seal and Interior Trim mm (in) →	1,184.1 (46.6)
	With Door Seal and Interior Trim mm (in) →	1,155.5 (45.5)
Vehicle Length	Without License Bracket mm (in) →	4,732.5 (186.3)
	With License Bracket mm (in) →	4,746.9 (186.9)
Front Overhang	Without License Bracket mm (in) →	961.3 (37.8)
	With License Bracket mm (in) →	975.8 (38.4)
Rear Overhang	mm (in)	845.7 (33.3)
Rear Door Opening Height - Maximum Clearance	mm (in)	1,231.2 (48.5)
Rear Door Opening Width - Maximum Clearance	mm (in)	1,222.7 (48.1)
Vehicle Width - With Mirrors	mm (in)	2,010.1 (79.1)
Vehicle Width - With Mirrors Folded	mm (in)	1,852.8 (72.9)
Vehicle Width - With Mirrors Folded and Auto Steps Retracted	mm (in)	1,834.3 (72.2)
Vehicle Width - With Slide Doors Open	mm (in)	1,990.1 (78.35)
Ground Clearance - With Vehicle Parked	mm (in)	146.3 (5.8)
Ground Clearance - With Vehicle Running	mm (in)	140.5 (5.5)
Step-in Height - Front	mm (in)	376.8 (14.8)
Step-in Height - From Slide Door Opening	mm (in)	487.6 (19.2)
Step-in Height - From Entry Step	mm (in)	263.9 (10.4)
Step-in Height - Rear	mm (in)	537.2 (21.2)

ELECTRICAL

SELF-TEST MODE

This vehicle is capable of performing a function test of various systems on the vehicle.

To enter the Self-Test Mode

1. Close the hood and front door RH, and lift the wiper arms from the windshield (to prevent windshield damage due to wiper operation).

NOTE:

When this test mode is performed with hood opened, sprinkle water on windshield beforehand.

2. Turn the ignition switch OFF.
3. Turn the ignition switch ON, and within 20 seconds, press the driver door switch 10 times. Then turn the ignition switch OFF.
4. Turn the ignition switch ON within 10 seconds. After that the horn sounds once and the auto active test starts
5. After a series of the following operations is repeated 3 times, auto active test is complete

When the vehicle in this Self-Test Mode the following devices on the vehicle will momentarily operate in the order shown to verify that the systems are functioning correctly.

- Front wipers (HI, LO)
- Parking lamp
- License plate lamp
- Tail lamp
- Headlamp (LO, HI)
- A/C compressor (magnetic clutch)
- Cooling fan

After the self-test has been completed (3 on/off cycles) the vehicle will be returned to normal operating mode. If the operator wishes to terminate the test early they may do so by turning the ignition switch OFF.

SHIPPING (EXTENDED STORAGE) MODE CONTROL SYSTEMS

Determining Shipping (Extended Storage) Mode Status

1. Turn ignition switch ON.
2. Check that extended storage warning message is not displayed in instrument cluster or display after 20 seconds.

If the extended storage warning message is displayed in instrument cluster or display refer to [Canceling Extended Storage \(pg. 48\)](#)

SHIPPING MODE (EXTENDED) STORAGE SYSTEM CANCEL

Canceling Extended Storage

1. Turn ignition switch OFF.
2. Press in (turn off) the extended storage switch. Refer to [Extended Storage Switch \(pg. 48\)](#)

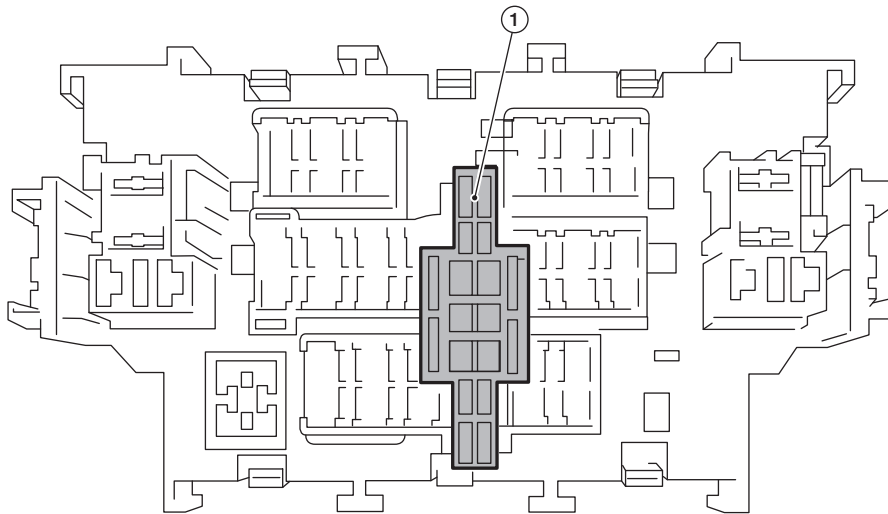
NOTE:

Pressing in the switch moves the mode from shipping to normal.

Extended Storage Switch

The following switch may be mounted on the fuse block (Junction Box) for transportation and storage.

The fuse block (Junction Box) is located in the glove box, refer to [Fuse and Relay Information \(pg. 56\)](#)



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1. Extended storage switch

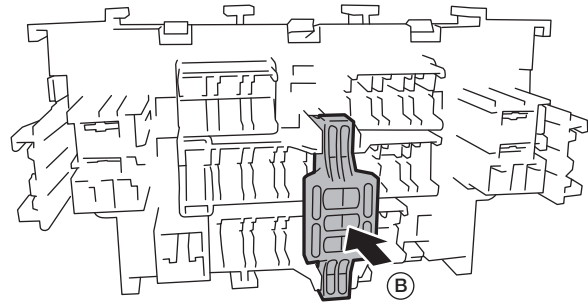
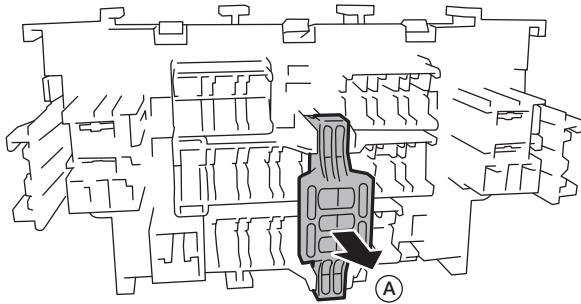
Remove the extended storage switch if it causes interference when checking fuses, refer to [How to remove the Extended Storage Switch \(pg. 50\)](#).

How to turn the Extended Storage Switch ON/OFF



CAUTION:

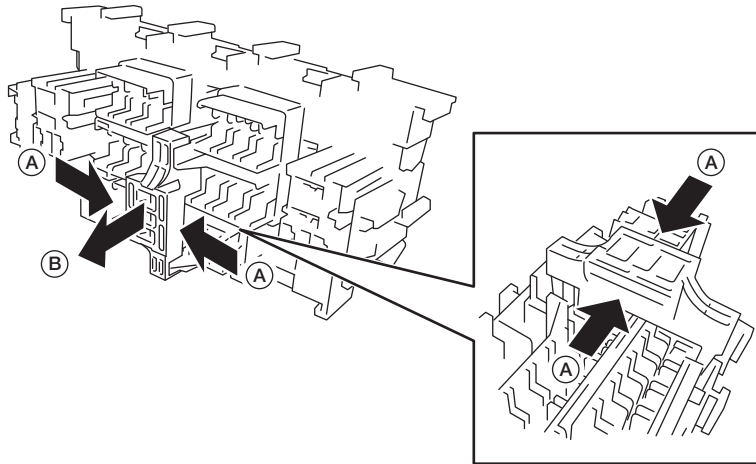
- Turn the ignition switch **OFF** when operating the extended storage switch.
- Under normal conditions, keep the extended storage switch in **ON** state. Never operate the extended storage switch except when necessary.



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- To turn the extended storage switch **ON**, pull it up in direction A as shown in the figure.
- To turn the extended storage switch **OFF**, press it in direction B as shown in the figure.

How to remove the Extended Storage Switch



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1. Turn the ignition switch OFF.
2. Turn the extended storage switch OFF.
3. Pinch tabs A and and firmly pull out the extended storage switch in B direction to remove the extended storage switch.



CAUTION:

For bus bar type extended storage switch, never replace bus bar with a fuse, or fuse may continually open.

NOTE:

- Extended storage switch and fuse (or bus bar) are removed together. Remove fuse (or bus bar) from extended storage switch, if necessary.
- Install removed fuse (or bus bar) to fuse block.
- Extended storage switch is for transportation and storage. Reinstallation of switch is not required after removal, but fuse (or bus bar) must be reinstalled/pushed back in to activate all electrical systems and turn message off (which may be shown in meter/display).

BCM TRANSIT MODE

Description

Systems that are affected by BCM Transit mode are the Lock/Unlock/Panic via Remote Keyless Entry (remote key fob, when applicable), the Interior Illumination and the Head Lights. These systems will not operate while the ignition is OFF, but will operate with it ON

Determining BCM Transit Mode Status

To determine if the BCM Transit Mode is still active turn the ignition to ON. If the vehicle is still in BCM Transit Mode, the hazard lights in the instrument cluster will illuminate for 1 minute .

Canceling BCM Transit Mode Status

1. Turn the ignition OFF.
2. Do the following at the same time for 2 seconds:
 - Move wiper switch to the high position (all the way down), and
 - Move turn signal switch to the left position (all the way down).
3. To confirm Transit Mode is OFF:
 - Move the turn signal switch to the center (neutral) position.
 - Turn the ignition ON – the turn signal indicators should stay OFF (not illuminate).

NOTE:

Some important facts to remember:

- BCM Transit Mode can only be canceled.
- You cannot switch back to BCM Transit Mode once it has been canceled.
- BCM Transit Mode should not be canceled until just prior to customer delivery.

FUSE AND RELAY INFORMATION

Fuses and Relays — Engine Compartment



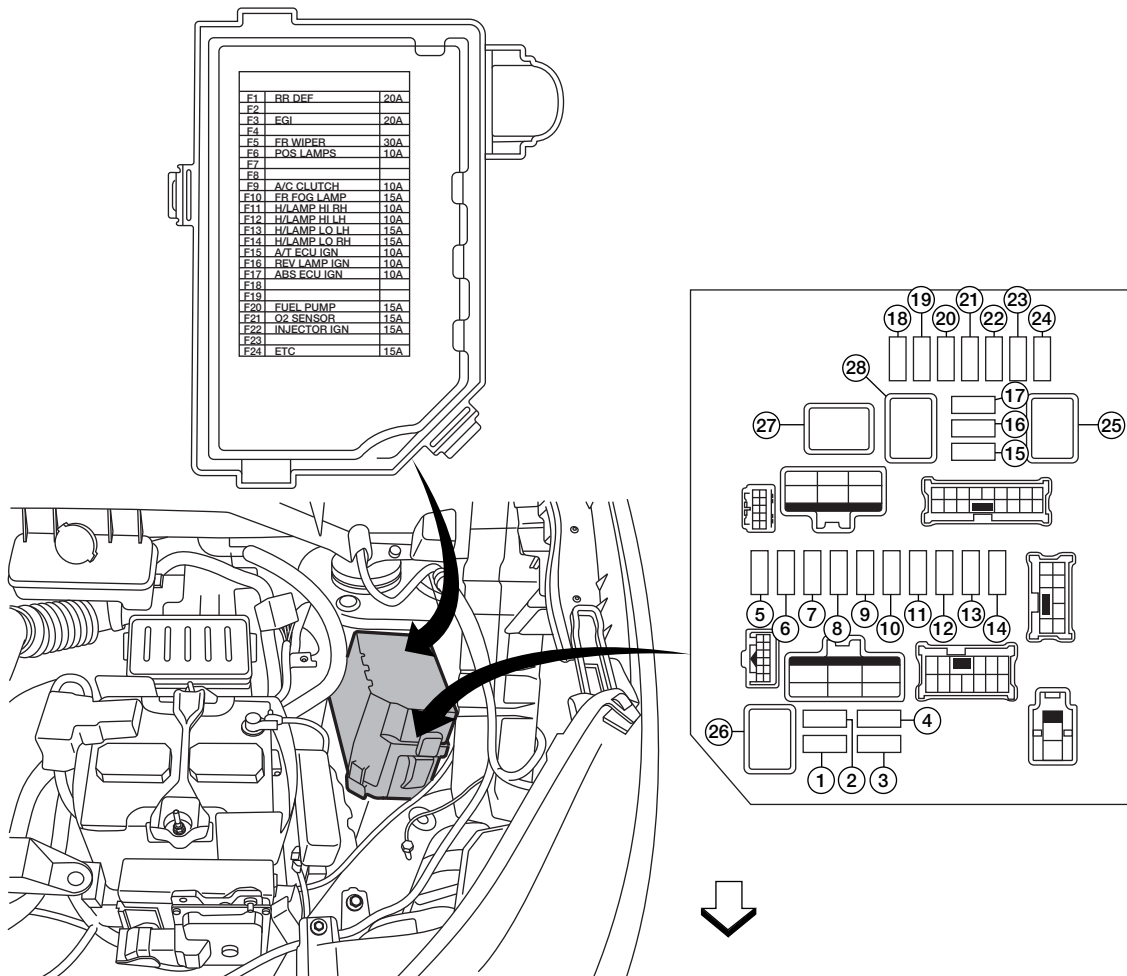
WARNING:

Tampering with or modifying the electrical system may cause safety equipment malfunction possibly resulting in serious injury or death.



CAUTION:

This information is reference only. To avoid damage, modification of the vehicle's electrical systems is not recommended. For pre-wiring access points, refer to **CUSTOMER PRE-WIRING ACCESS** (pg. 62).



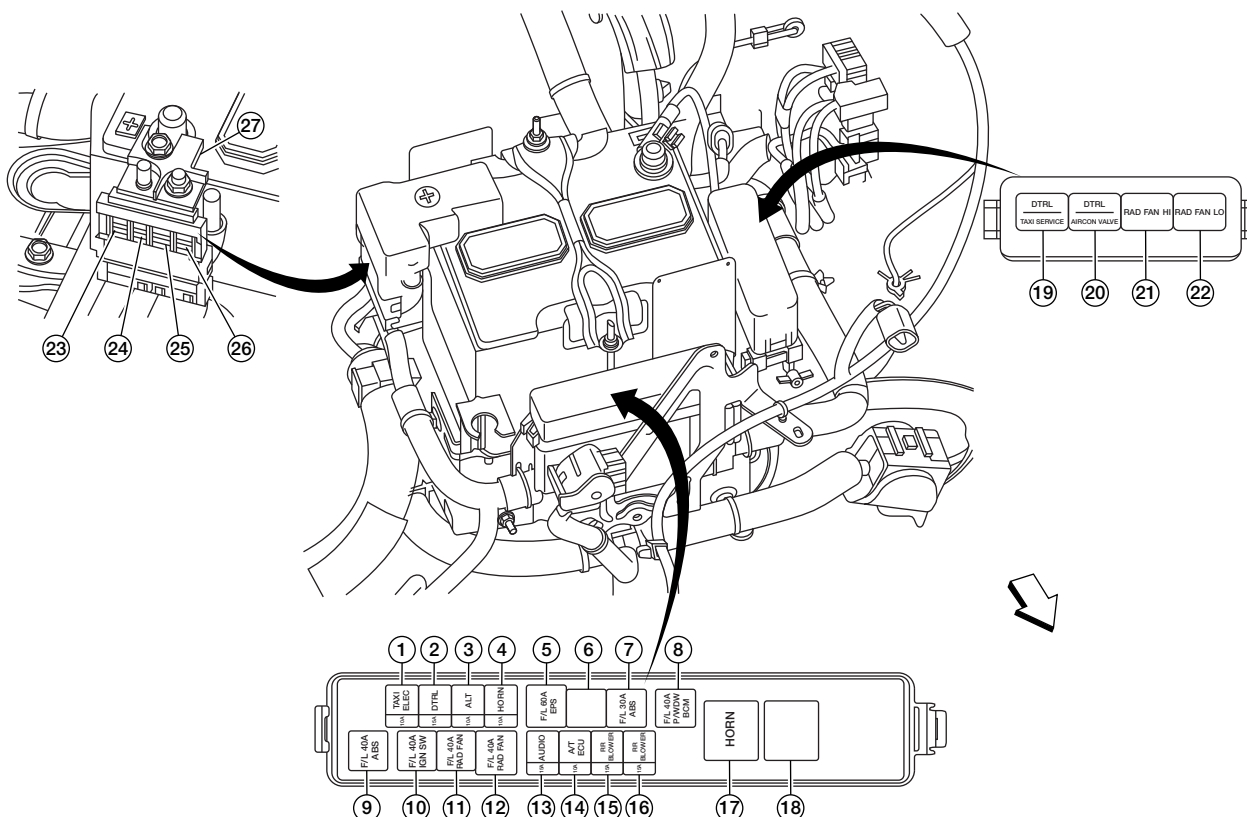
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← : Front of vehicle.

FUSE AND RELAY INFORMATION

[ELECTRICAL]

Item	Fuse/relay color	Fuse rating	Power supply condition	Fuse/relay name
1	Yellow	20A	Battery	Rear window defogger
2	—	—	—	Not used
3	Yellow	20A	Battery	ECM relay
4	—	—	—	Not used
5	Green	30A	Battery	Front wiper
6	Red	10A	Battery	Parking, license plate and tail lamps
7	—	—	—	Not used
8	—	—	—	Not used
9	Red	10A	Battery	A/C clutch
10	Blue	15A	Battery	Front fog lamp
11	Red	10A	Ignition	Headlamp (high RH)
12	Red	10A	Ignition	Headlamp (high LH)
13	Blue	15A	Ignition	Headlamp (low LH)
14	Blue	15A	Ignition	Headlamp (low RH)
15	Red	10A	Ignition, Start	A/T control system
16	Red	10A	Ignition, Start	REV lamp IGN
17	Red	10A	Ignition, Start	ABS control
18	—	—	—	Not used
19	—	—	—	Not used
20	Blue	15A	Ignition, Start	Fuel pump
21	Blue	15A	Ignition, Start	O ₂ sensor
22	Blue	15A	Ignition, Start	Fuel injector
23	—	—	—	Not used
24	Blue	15A	Battery	Throttle control motor
25	Black	—	—	Ignition relay
26	Black	—	—	Rear window defogger relay
27	Black	—	—	Cooling fan relay - 1
28	Black	—	—	Cooling fan relay - 2



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← : Front of vehicle.

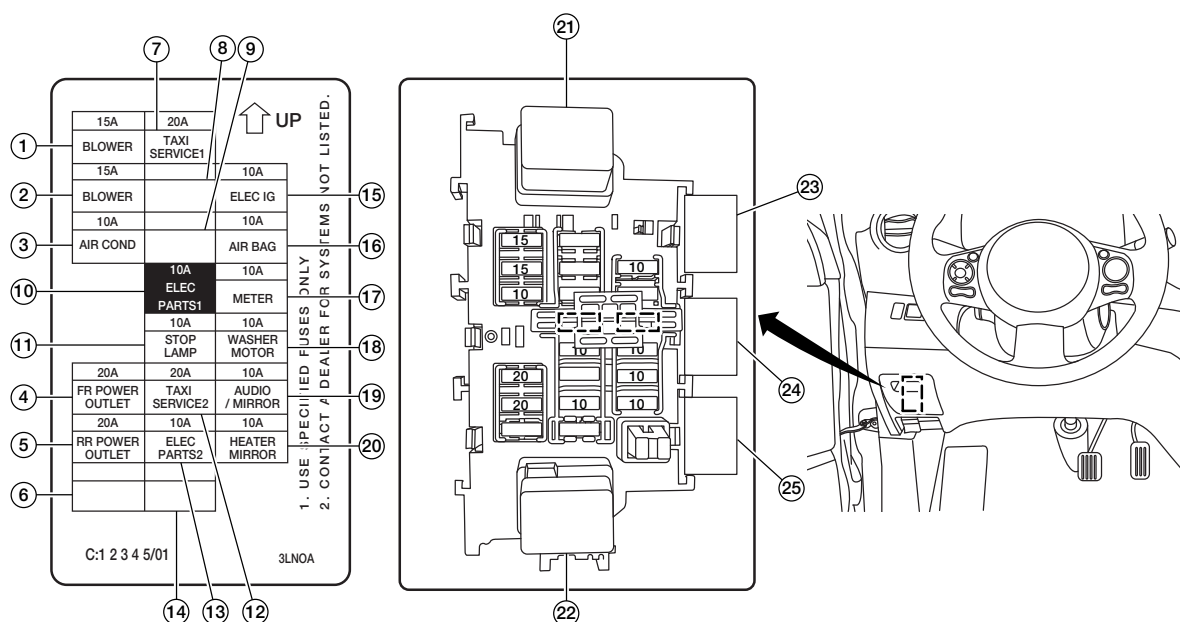
Item	Fuse/relay color	Fuse rating	Power supply condition	Fuse/relay name
1	Red	10A	—	Taxi Electrical
2	Red	10A	Battery	Daytime light relay 1
3	Red	10A	Battery	Charging system
4	Red	10A	Battery	Horn relay
5	Yellow	60A	Battery	Electronically controlled power steering control unit
6	—	—	—	Not used
7	Yellow	30A	Battery	ABS solenoid
8	Blue	40A	Battery	BCM power window relay
9	Blue	40A	Battery	ABS motor
10	Green	40A	Battery	Starting system
11	Green	40A	Battery	Engine cooling fan system

FUSE AND RELAY INFORMATION

[ELECTRICAL]

Item	Fuse/relay color	Fuse rating	Power supply condition	Fuse/relay name
12	Green	40A	Battery	Engine cooling fan system
13	Blue	15A	Battery	Audio
14	Red	10A	Battery	CVT system
15	Blue	15A	—	RR Blower
16	Blue	15A	—	RR Blower
17	Black	—	—	Horn relay
18	—	—	—	Not used
19	Blue	—	—	Daytime light relay 2 Taxi Service
20	Black	—	—	Daytime light relay 1 Air conditioning valve
21	Blue	—	—	Engine cooling fan system (HI)
22	Blue	—	—	Engine cooling fan system (LO)
23	—	80A	Battery	Air conditioning, mirror, power socket and body systems
24	—	60A	Battery	Ignition, power train, transmission and body systems
25	—	80A	Battery	Lighting, body, charging systems
26	—	100A	Battery	BCM, engine cooling, starting, transmission control and audio systems
27	—	120A	Battery	Alternator

Fuses and Relays — Interior



AAZIA0267ZZ

Item	Fuse/Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
1	Blue	15A	Ignition	Air conditioning system
2	Blue	15A	Ignition	Air conditioning system
3	Red	10A	Ignition	Air conditioning system
4	Yellow	20A	Accessory, Ignition	Front 12V power socket
5	Yellow	20A	Accessory, Ignition	Rear 12V power socket
6	—	—	—	Not used
7	Yellow	20A	—	Taxi Equipment
8	—	—	—	Not used
9	—	—	—	Not used
10	Red	10A	B+	Meter, key switch, CONSULT

FUSE AND RELAY INFORMATION

[ELECTRICAL]

Item	Fuse/Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
11	Red	10A	B+	Stop lamp system
12	Yellow	20A	—	Taxi Equipment
13	Red	10A	B+	BCM
14	—	—	—	Not used
15	Red	10A	Ignition	Ignition system
16	Red	10A	Ignition	Air bag system
17	Red	10A	Ignition	Meter, Bluetooth® control unit, IT master, stop lamp, EPS, CONSULT system
18	Red	10A	Ignition	Wiper and washer system switch
19	Red	10A	Accessory, Ignition	BCM, Bluetooth® control unit, audio, mirror and telematics system
20	Red	10A	Accessory, Ignition	Heater mirror
21	Blue	—	Ignition	Blower relay
22	Blue	—	Accessory	Accessory relay
23	Black	—	—	Taxi meter relay
24	Blue	—	—	Rear blower relay
25	Blue	—	Ignition	Taxi service relay

GROUND S

Grounds



CAUTION:

- **Do not ground accessories directly to the battery negative terminal on any Nissan vehicle. Doing so may interfere with the power generation voltage variable control system and cause poor or inoperative battery charging. Refer to [BATTERY VOLTAGE CONTROL SYSTEM \(pg. 60\)](#) in this section.**
- **Install electrical accessories using suitable body ground connections or ground to the engine block area.**

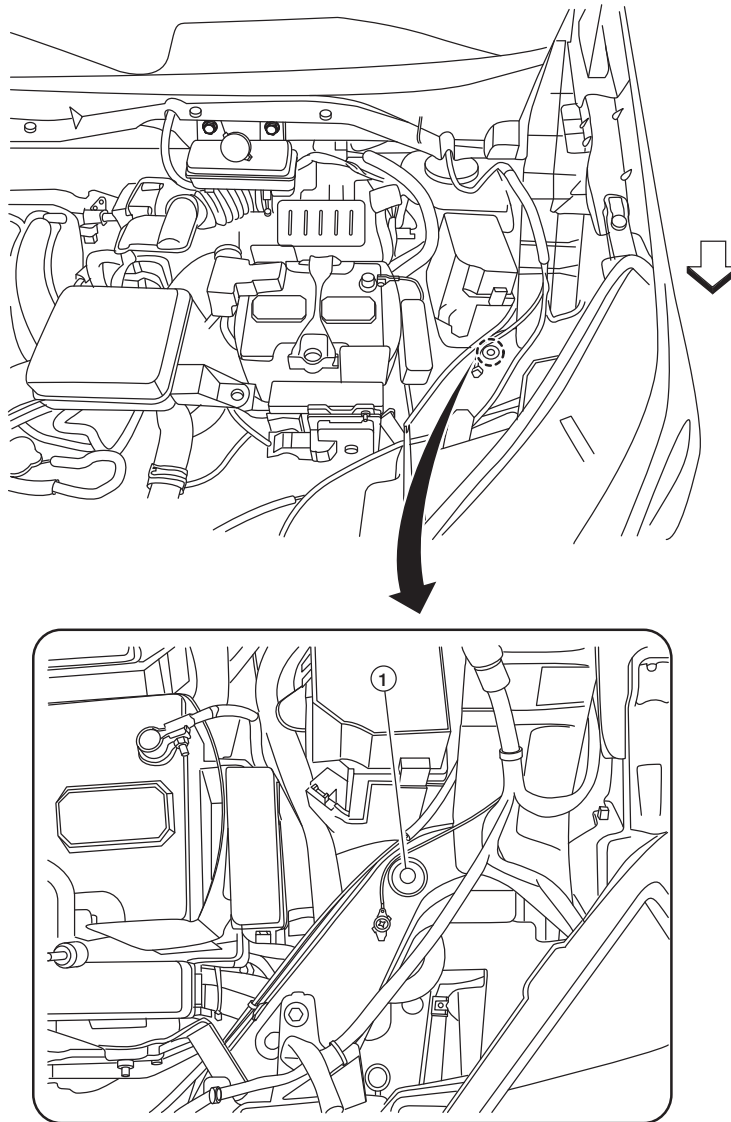
It is the responsibility of the vehicle upfitter to install any grounds necessary for equipment from aftermarket or second stage equipment manufacturers. Nissan factory grounds should not be altered.

Permissible Ground Locations

Primary Location — Taxi Service Connector

Use Pins 5 and 7 in the taxi service connector for ground. Be sure to keep circuit load within specified maximum amperage. Refer to Connector Terminal Layout in [CUSTOMER PRE-WIRING ACCESS \(pg. 62\)](#).

Secondary Location — Underhood



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↖: Front of vehicle.

1. Permissible ground location.

Use a bolt, nut and washers or self-tapping screw with dielectric grease to fasten additional underhood accessory grounds.

BATTERY VOLTAGE CONTROL SYSTEM**CAUTION:**

- **Do not ground accessories directly to the battery negative terminal on any Nissan vehicle. Doing so may interfere with the power generation voltage variable control system and cause poor or inoperative battery charging.**
- **Install electrical accessories using suitable body ground connections or ground to the engine block area.**
- **Use electrical accessories with the engine running to avoid discharging the vehicle battery.**

Adding electrical devices puts more load on the electrical system and the battery. The engine control module (ECM) monitors battery voltage. If battery voltage drops below 12 volts, engine RPM is increased up to 900 RPM (maximum for idle condition when the engine is at normal operating temperature). RPM will decrease as battery voltage increases. Engine RPM changes are gradually ramped up and down by ECM control.

BATTERY VOLTAGE CONNECTION

**CAUTION:**

To avoid vehicle damage, any aftermarket wiring installations must not interfere with OEM wiring or electrical systems. It is the upfitter's responsibility to take the following precautionary measures when any aftermarket electrical wiring is being installed:

- The upfitter is responsible to calculate all additional current load specifications and install appropriately rated wiring and fuse protection.
- The upfitter is responsible to not exceed the vehicle's maximum rated current capacity.
- The upfitter is responsible to maintain integrity of the vehicle's electrical systems.
- The upfitter is responsible for safety testing of any electrical modifications to the vehicle.

Refer to manufacturer specifications for aftermarket electrical accessories to be installed before making any voltage connections and protect vehicle electrical systems by installing appropriate fusing devices.

For information on ground connections, refer to [GROUNDS \(pg. 58\)](#) in this section.

CUSTOMER PRE-WIRING ACCESS

Connector Terminal Layout

Connector No.	M175
Connector Name	TAXI SERVICE WIRING CONNECTOR
Connector Color	GRAY

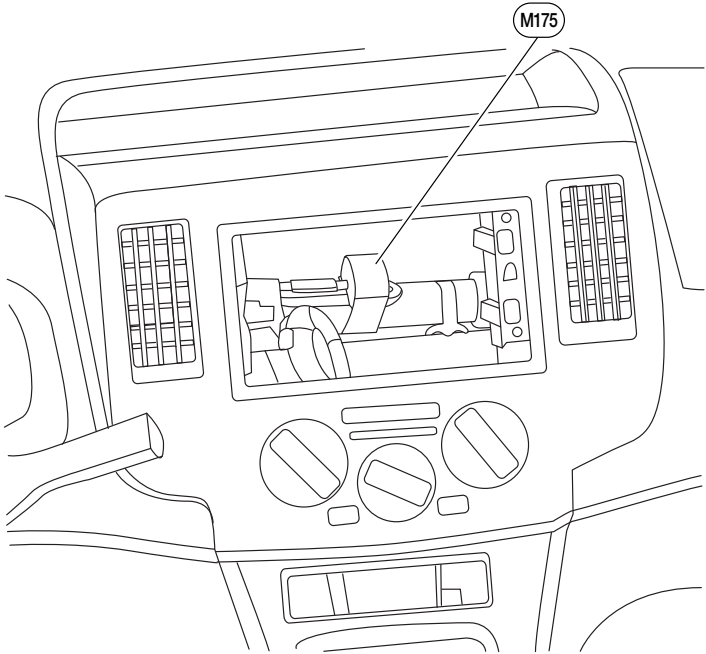


1	2	3	4
5	6	7	8

Terminal No.	Color of Wire	Signal Name	Wire Gauge	Maximum Load
1	Red	IGN	20	20A
2	Green	BATT	20	20A
3	Violet	ILL	28	3A
4	White	8 Pulse	28	–
5	Black	GND	20	20A
6	Gray	TAXI+12V	28	250mA
7	Pink	TAXI GND	28	250mA
8	–	NOT USED	–	–

UPFITTER PRE-WIRING (TAXI SERVICE WIRING CONNECTOR)

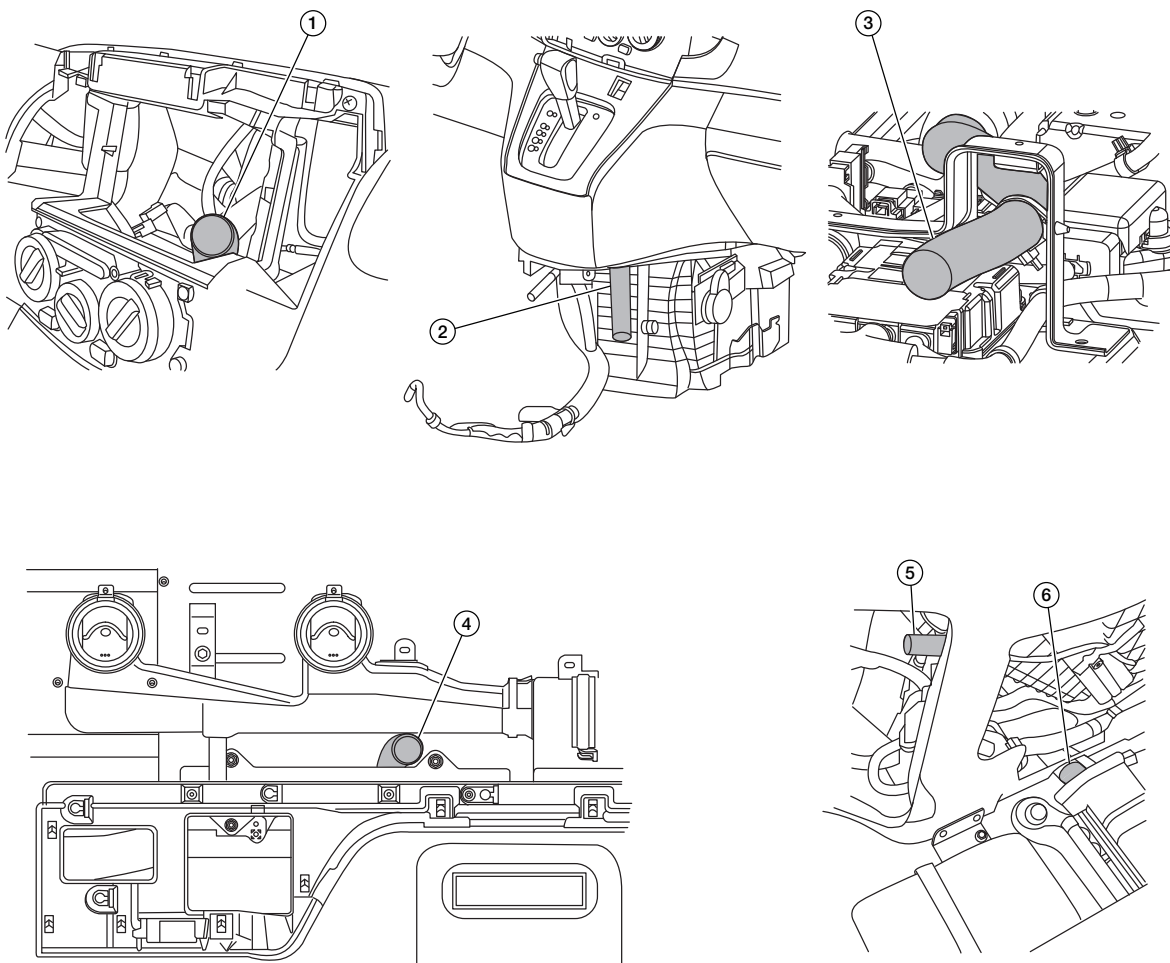
Note: Connector and harness may be taped back to main harness.
Remove tape for access.
Note: Illustration shown with AV Control Unit removed.



T-PEP Harness Routing Conduit

NOTE:

For T-PEP equipment mounting, refer to [T-PEP EQUIPMENT \(pg. 69\)](#).

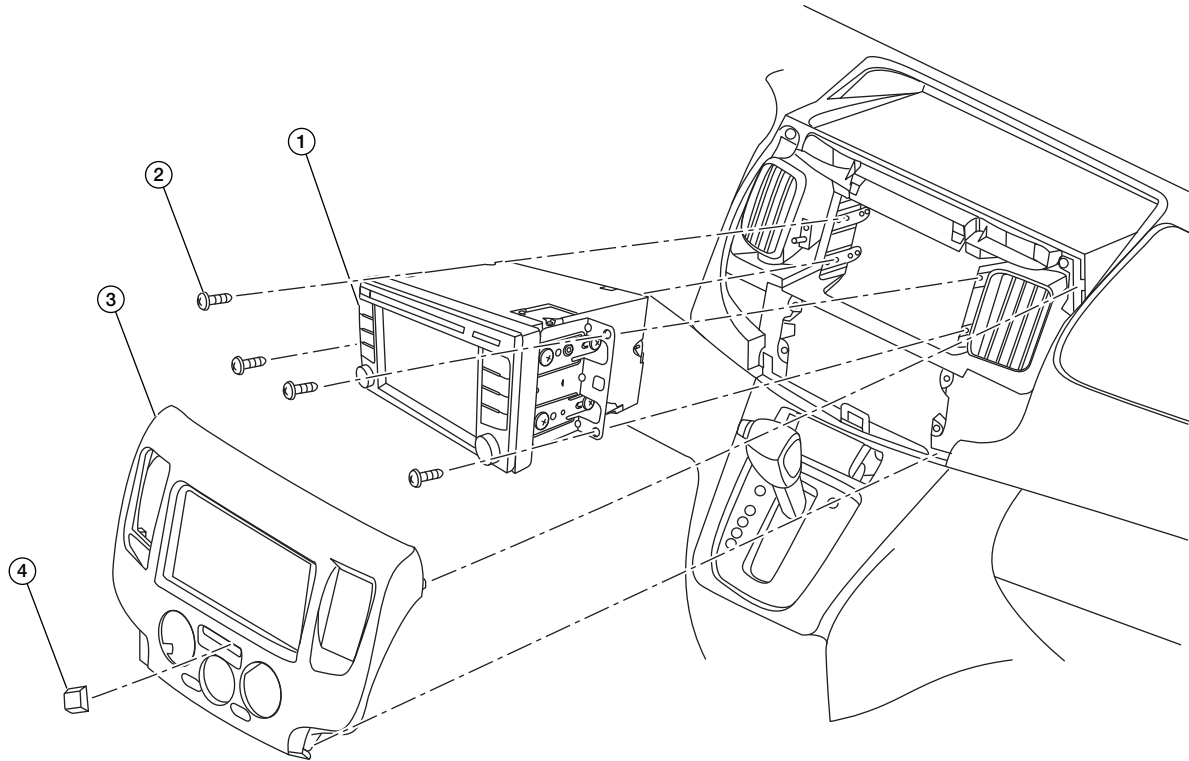


AAZIA0353ZZ

All conduit openings are 30 mm (1.18 in) ID.

- | | | |
|---|--|---|
| 1. Conduit opening at instrument panel behind AV control unit | 2. Conduit opening below instrument panel at front of center console | 3. Conduit opening at front of center console |
| 4. Conduit opening at partition behind PIM mounting area | 5. Conduit opening at partition behind front passenger seat | 6. Conduit opening at floor behind center console |

AV Control Unit and Finish Panel — Exploded View



AAZIA0305ZZ

- | | | |
|---------------------------------|-----------------------------|---------------------------------|
| 1. AV control unit | 2. Screw, Phillips head (4) | 3. AV control unit finish panel |
| 4. Recirculation control button | | |

AV Control Unit Removal and Installation

Removal



CAUTION:

Use care not to scratch or damage plastic trim parts during removal. Use a plastic trim tool or wrap a cloth or shop towel around tools when separating finish panels and releasing retainers.



CAUTION:

Remove battery terminal and AV control unit after a lapse of 30 seconds or more after turning the ignition switch OFF.

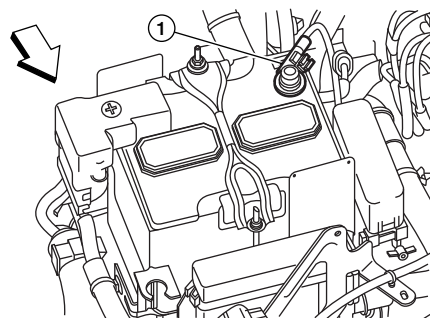
NOTE:

After the ignition switch is turned OFF, the AV control unit continues operating for approximately 30 seconds. Therefore, data corruption may occur if battery voltage is cut off within 30 seconds.

NOTE:

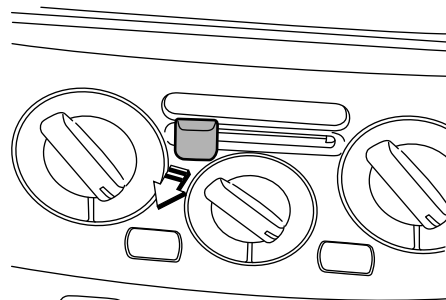
For parts locations and fasteners, refer to the **AV Control Unit and Finish Panel — Exploded View (pg. 64)**.

1. Disconnect the negative battery terminal (1).  : Front of vehicle.



AAZIA0278ZZ

2. Pull and remove the recirculation control button from the front air control.

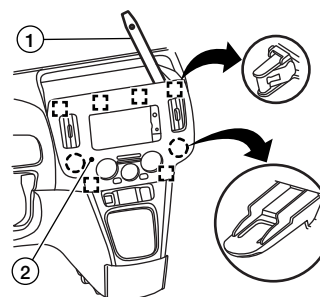


AAZIA0302ZZ

3. Insert a plastic trim tool (1) behind the upper LH and RH corners of the AV control unit finish panel (2) and gently pry to release the upper retainer clips. Pull to release the lower retainer clips and remove the AV control unit finish panel (2) from the instrument panel.

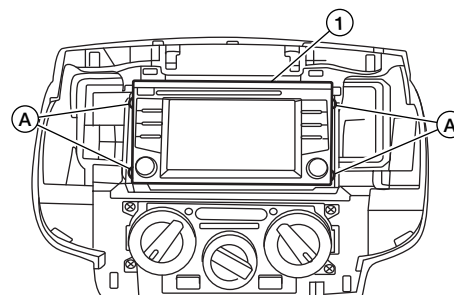
: Metal clip

: Plastic retainer



AAZIA0279ZZ

4. Remove the 4 Phillips head screws (A) from the AV control unit (1) mounting brackets.

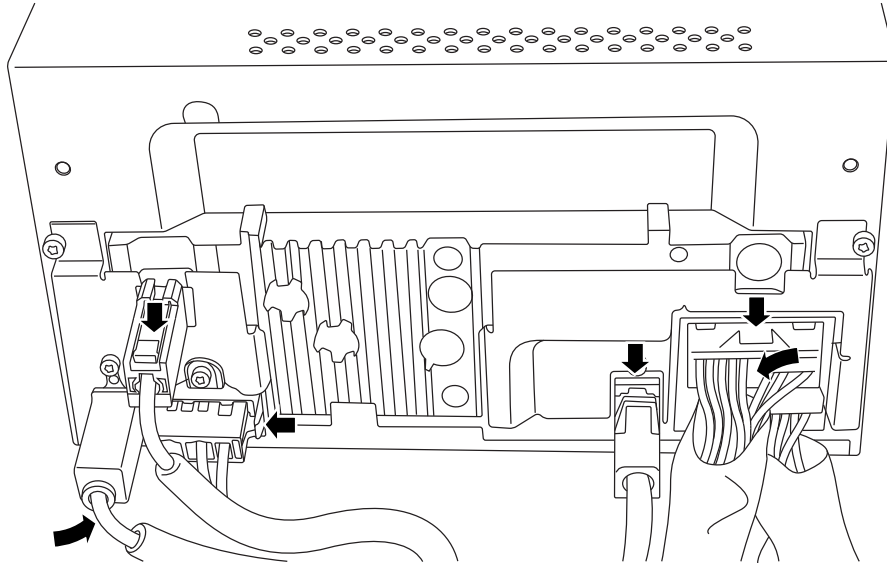


AAZIA0281ZZ

5. Lift and pull out the AV control unit to access the wiring harness and connectors.
6. Depress the release tabs, disconnect the 6 electrical harness connectors from the AV control unit and remove.

NOTE:

Arrows in illustration indicate electrical connector release tab locations.



AAZIA0301ZZ

Installation

1. To install, reverse the removal procedure steps.

ADDING LIGHTS OR DEVICES

Added Lights or Accessories Controlled By Added Switches

This section describes the connection points for added electrical accessories when these accessories are to be controlled by added switches not a part of the Nissan released vehicle. The added switches and wiring must have sufficient electrical capacity for the accessory load and must be protected by appropriate fuses or circuit breakers. Also, added current draw must not cause total loads to exceed capabilities of the base vehicle wiring.

Electrical Wiring — Adding Lights or Electrical Devices



WARNING:

Although there are many points in the electrical system to connect additional circuits, certain connection points are recommended for reliability and convenience. This section defines the recommended connection points. Alternative connections or wiring practices are not recommended as certain modifications may result in other circuits becoming nonfunctional.



CAUTION:

Improper electrical tie-ins may affect vehicle operation (i.e., engine, transmission). After all electrical or vehicle modifications, confirm that no Diagnostic Trouble Codes (DTCs) are present and all systems operate normally. Road test the vehicle to verify that no DTCs are present. If DTCs are generated, perform the appropriate diagnostic procedures and repairs. Vehicle operation (engine/transmission) maybe affected if DTCs are not serviced.

Disconnect the battery negative (ground) cable prior to any vehicle modification. Upon completion of body or equipment installation, all wiring should be checked for proper routing, etc. to preclude electrical shorts upon reconnecting the battery negative cable.

Connect only to the upfitter connections identified in the "customer pre-wiring access" section of this manual. Connecting to any component or wires other than those identified may adversely affect other systems and their operation.

Radio Frequency Interference (RFI)

During modifications to the vehicle, manufacturers, service technicians, owners and users should take the necessary precautions to maintain the RFI integrity of components. (United States has RFI regulations in effect.) Precautionary procedures and components listed below are examples and do not necessarily represent a complete list.

1. All components required to suppress RFI emissions, which are removed during service, repair, or modification to the vehicle, must be reinstalled in the manner in which they were installed by Nissan.
2. Do not modify or change any RF device in a manner not expressly approved by Nissan.
3. Shields on ignition components must remain installed.
4. Replacement of ignition components which are not OEM is not recommended by Nissan.
5. Electrical grounds on all components must be retained.
6. Metallic components installed on the body or chassis must be grounded to the chassis.
7. Electrical circuits added to the vehicle should not be installed near the ignition components.
8. Only "static conductive" accessory drive belts should be used.
9. Drive belts should be of the OEM type or equivalent that will not build up a static electrical charge.
10. Additional measures may be needed to adequately suppress RFI emissions.

REGULATIONS FOR ADDING COMMUNICATION EQUIPMENT**FCC Regulations**

The FCC rules and regulations are compiled in Title 47 of the Code of Federal Regulations (CFR). They are initially published in the Federal Register. After October 1 of each year, the GPO compiles all the changes, additions, and deletions to the FCC rules and publishes an updated CFR. Refer to the FCC website for the most up-to-date information. The rules are provided in text version and in portable document format (PDF) and can be viewed using the Adobe Acrobat Reader. The FCC does not maintain a database of its rules nor does it print or stock copies of the rules and regulations. To order a copy of Title 47 of the Code of Federal Regulations visit:

<http://www.fcc.gov/encyclopedia/rules-regulations-title-47>

FCC Notice:

These devices must comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. The device may not cause harmful interference.
2. The device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

T-PEP EQUIPMENT

NOTE:

For pre-wiring electrical connection and harness routing, refer to [CUSTOMER PRE-WIRING ACCESS](#) (pg. 62).

NOTE:

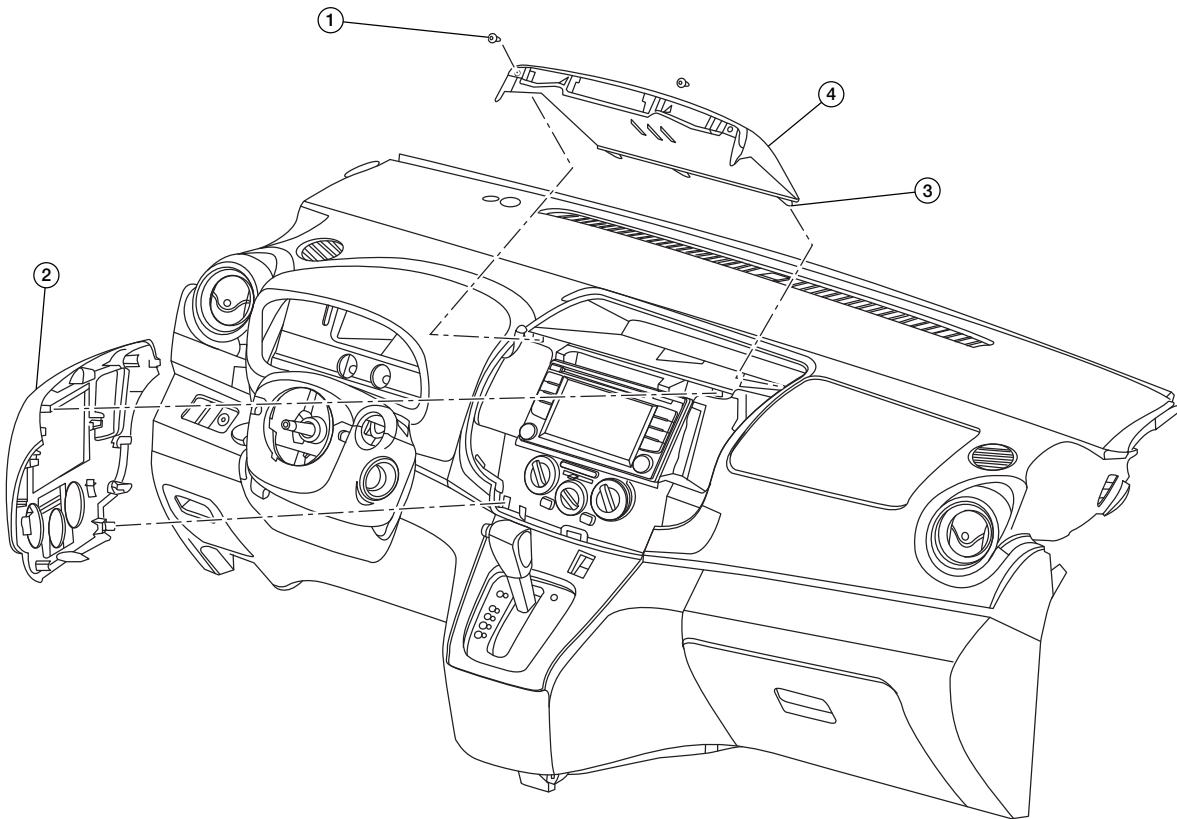
The AV control unit must be removed to access the taxi service wiring connector. Refer to [AV Control Unit Removal and Installation](#) (pg. 64).

TAXI METER MOUNTING

NOTE:

Use appropriate type and size fasteners to avoid interference with any existing components or wiring.

Taxi Meter Mounting — Exploded View



AAZIA0303ZZ

1. Screw, Phillips head (2)

2. AV control unit finish panel

3. Guide tab (3)

4. Storage tray

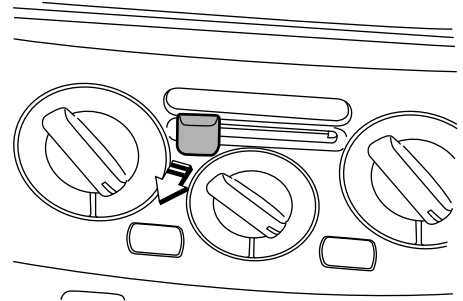
Taxi Meter Mounting — Finish Panels Removal and Installation

Removal

**CAUTION:**

Use care not to scratch or damage plastic trim parts during removal. Use a plastic trim tool or wrap a cloth or shop towel around tools when separating finish panels and releasing retainers.

1. Pull and remove the recirculation control button from the front air control.

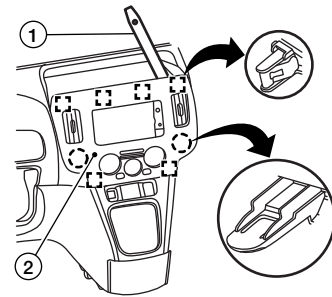


AAZIA0302ZZ

2. Insert a plastic trim tool (1) behind the upper LH and RH corners of the AV control unit finish panel (2) and gently pry to release the upper retainer clips. Pull to release the lower retainer clips and remove the AV control unit finish panel (2) from the instrument panel.

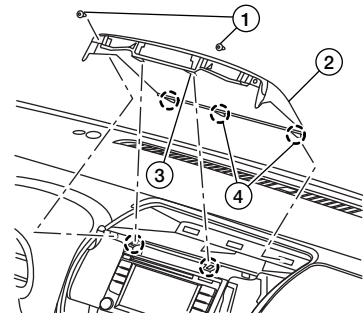
□: Metal clip

○: Plastic retainer



AAZIA0279ZZ

3. Remove the 2 Phillips head screws (1).
4. Pull upward to release the 2 front retainer clips (3) and lift out the storage tray (2), releasing the rear guide tabs (4).

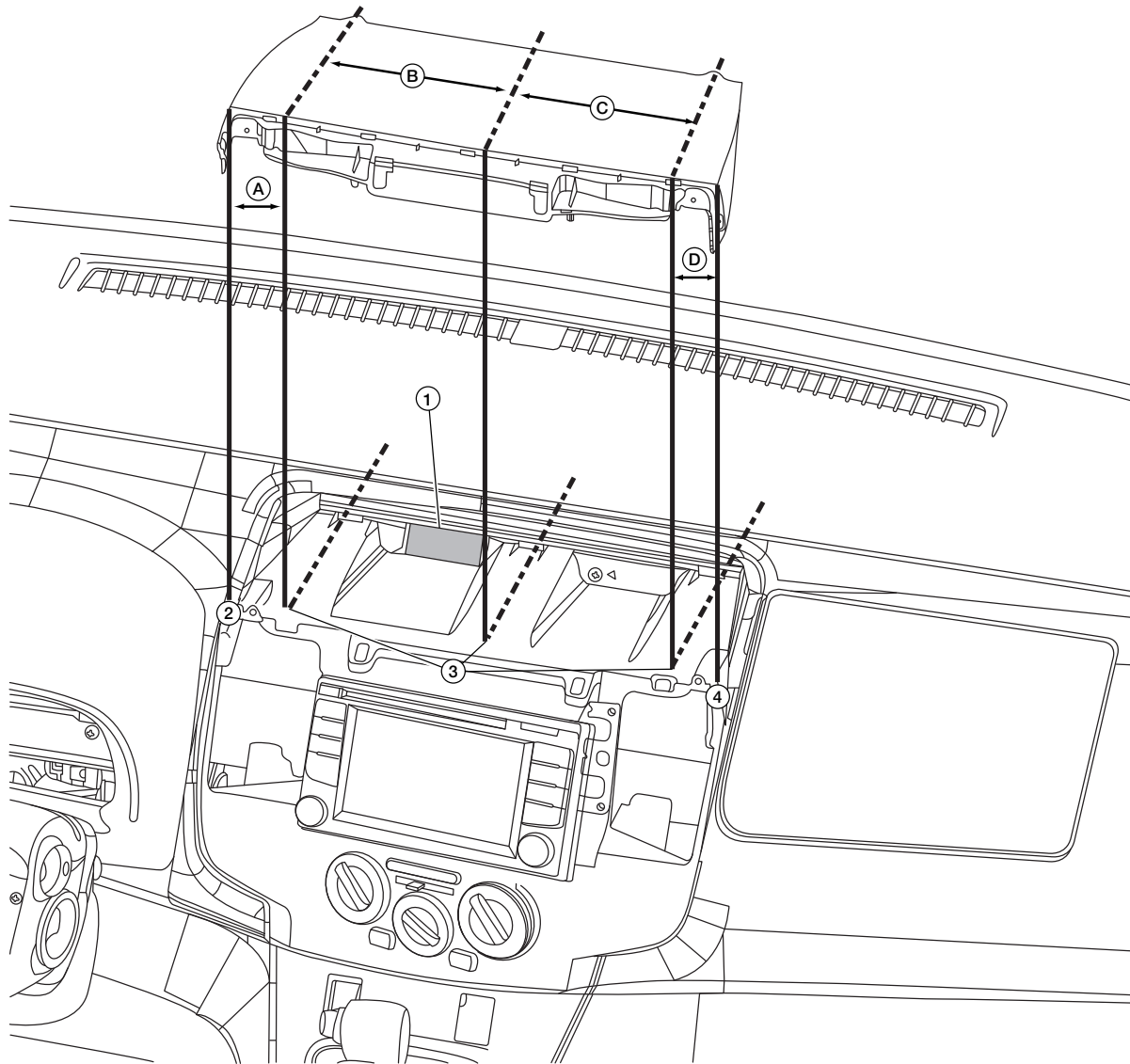


AAZIA0306ZZ

Installation

1. To install, reverse the removal procedure steps.

Taxi Meter Mounting Dimensions



AAZIA0268ZZ

1. Wire harness access opening
[25 mm x 67 mm (0.98 in x 2.63 in)]

4. Storage tray outer edge

2. Storage tray outer edge

A. 30 mm (1.18 in)

3. Reinforcement center lines

B. 172.9 mm (6.81 in) Taxi meter
mounting area

C. 147.7 mm (5.81 in)

D. 29.8 mm (1.17 in)

NOTE:

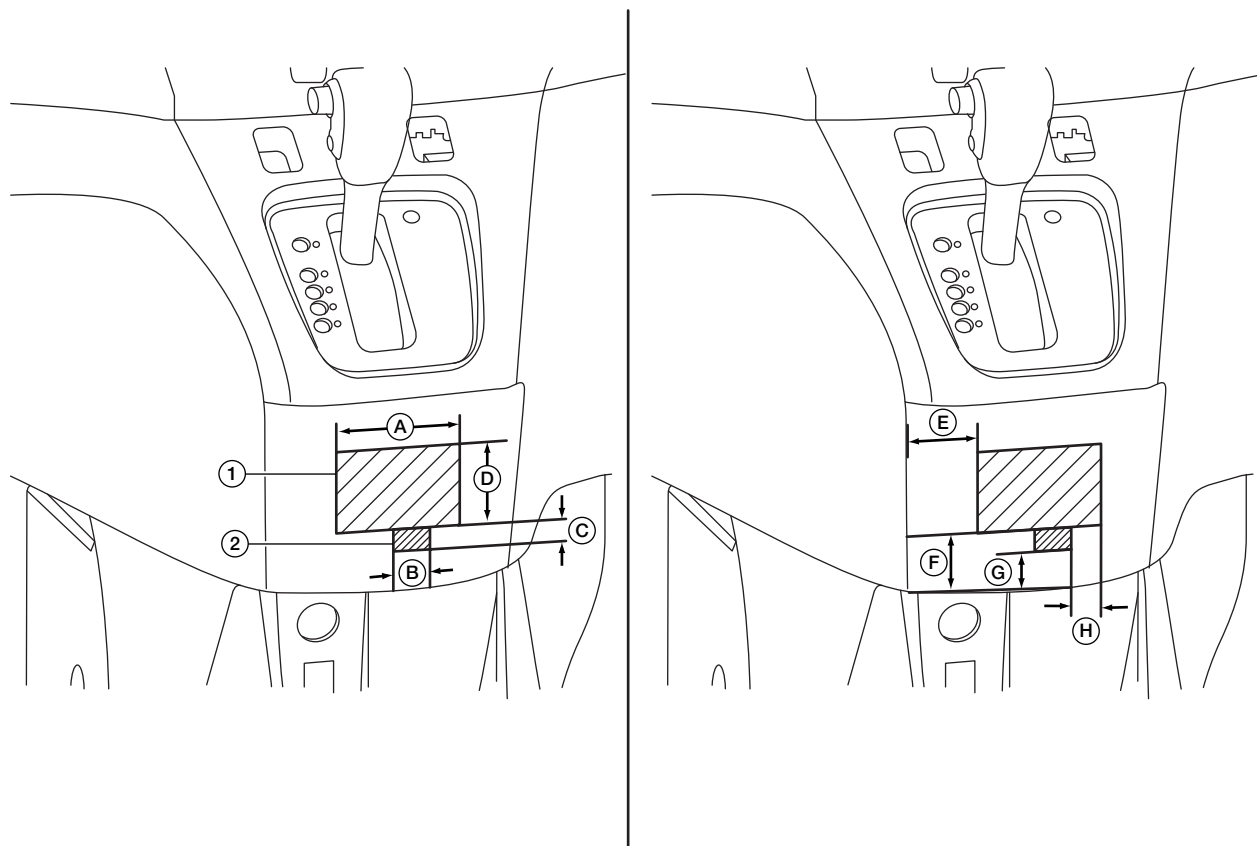
For taxi meter attachment, use M6 bolts and nuts with washers (12mm minimum diameter).

DRIVER INFORMATION MODULE (DIM) MOUNTING

NOTE:

Use appropriate type and size fasteners (such as M5 screws) to avoid interference with any existing components or wiring.

DIM Dimensions



AAZIA0272ZZ

1.  : DIM mounting area

2.  : Cutting area for DIM Bracket

A. 114 mm (4.49 in)

B. 40 mm (1.57 in)

C. 11 mm (0.43 in)

D. 53 mm (2.09 in)

E. 30 mm (1.18 in)

F. 22 mm (0.87 in)

G. 16 mm (0.63 in)

H. 7 mm (0.28 in)

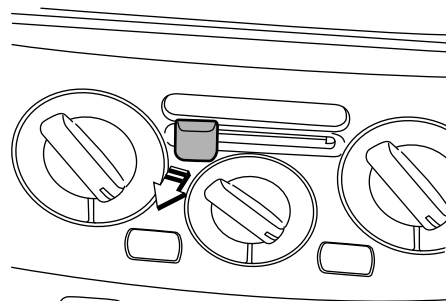
Removal



CAUTION:

Use care not to scratch or damage plastic trim parts during removal. Use a plastic trim tool or wrap a cloth or shop towel around tools when separating finish panels and releasing retainers.

1. Pull and remove the recirculation control button from the front air control.

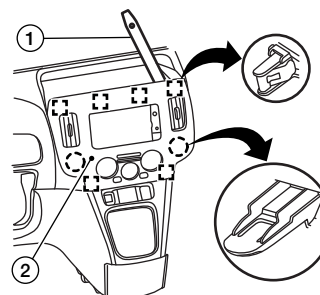


AAZIA0302ZZ

2. Insert a plastic trim tool (1) behind the upper LH and RH corners of the AV control unit finish panel (2) and gently pry to release the upper retainer clips. Pull to release the lower retainer clips and remove the AV control unit finish panel (2) from the instrument panel.

□: Metal clip

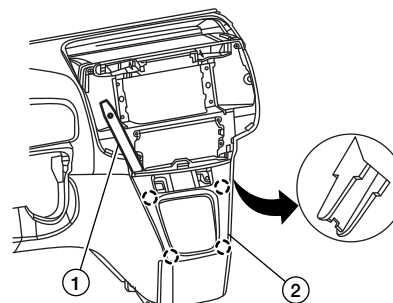
○: Plastic retainer



AAZIA0279ZZ

3. Insert a plastic trim tool (1) behind the upper LH and RH corners of the shift selector finish panel (2) and gently pry to release the upper retainer clips. Pull to release the lower retainer clips and position the panel aside.

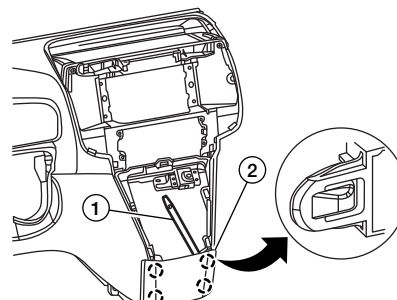
○: Plastic retainer



AAZIA0280ZZ

4. Insert a plastic trim tool (1) behind the upper LH and RH corners of the lower center finish panel (2) and gently pry to release the upper retainer clips. Pull to release the lower retainer clips and remove.

○: Plastic retainer



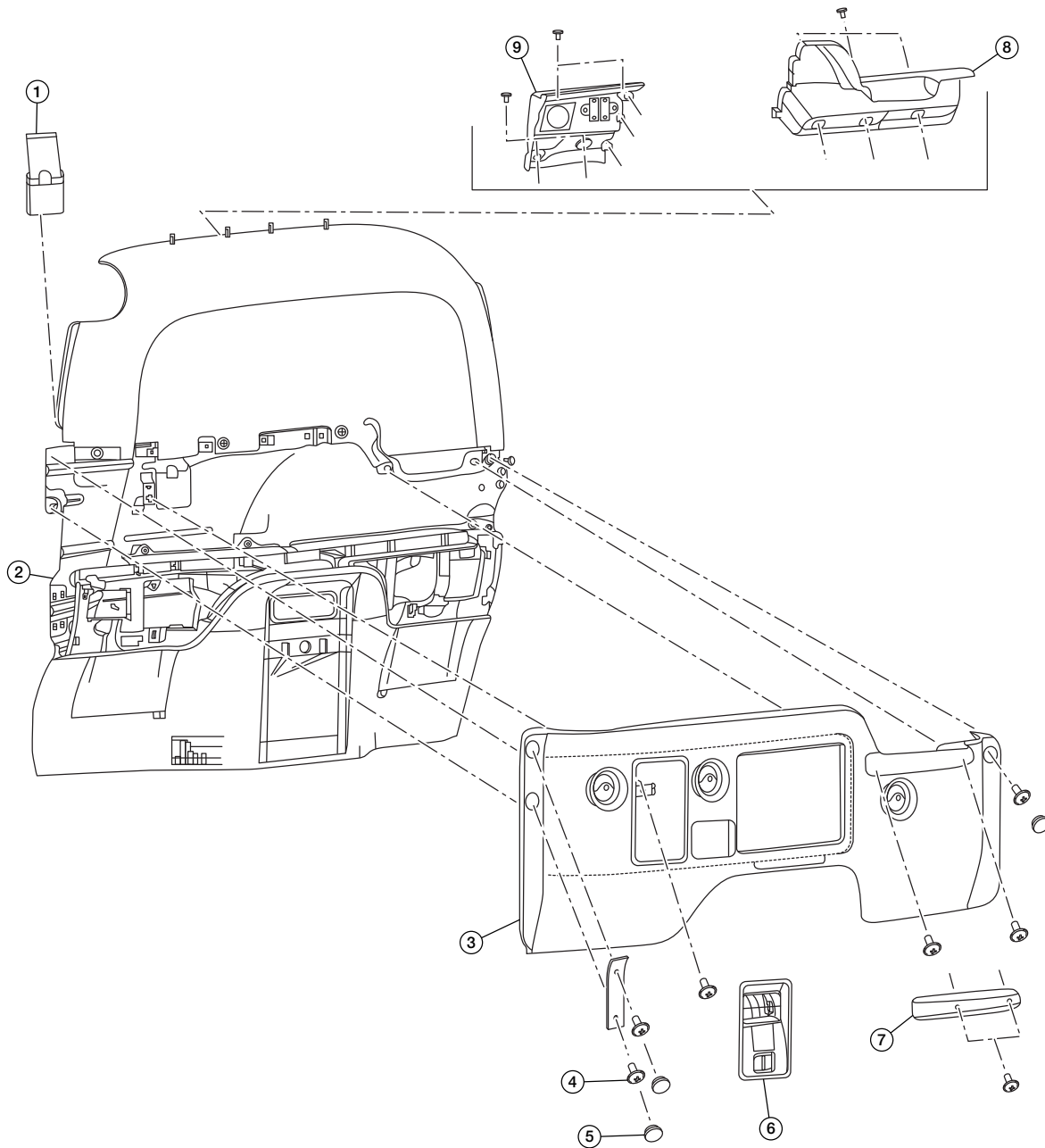
AAZIA0304ZZ

Installation

1. To install, reverse the removal procedure steps.

T-PEP PARTITION FINISH PANEL

Exploded View



AAZIA0476ZZ

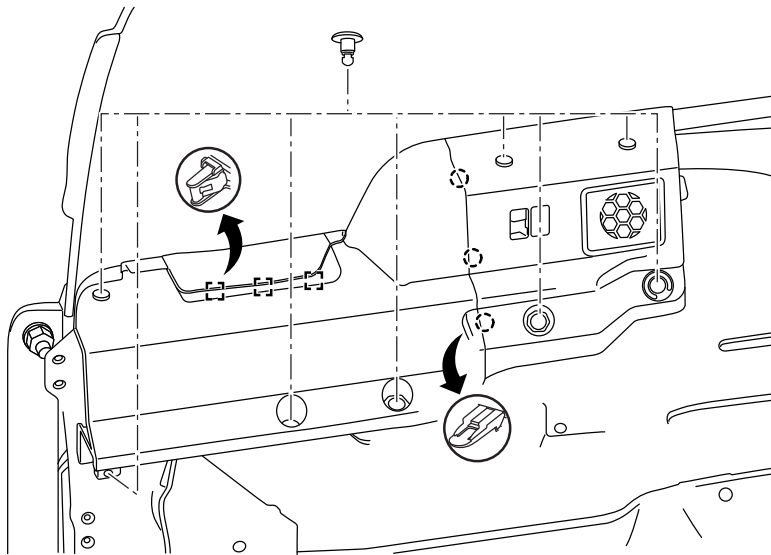
- | | | |
|----------------------|-----------------------------|---|
| 1. License holder | 2. T-PEP Partition assembly | 3. Rear upper instrument panel assembly |
| 4. Bolt (8) | 5. Mask (3) | 6. License finish panel |
| 7. Rear finish panel | 8. Tray assembly | 9. Front finish panel |

Removal

**CAUTION:**

Use care not to scratch or damage plastic trim parts during removal. Use a plastic trim tool or wrap a cloth or shop towel around tools when separating finish panels and releasing retainers.

1. Lift out and remove the license holder from the partition.
2. Remove the front finish panel and tray assembly using the following steps:
 - a. Disengage all the two piece plastic retainers using a Phillips style screwdriver and rotating the center portion 1/4 turn.
 - b. Insert the plastic trim tool behind the tray assembly and release the plastic retainers.
 - c. Insert the plastic trim tool underneath the top center of the tray assembly and release the metal clips.
 - d. Disconnect the electrical connector and remove the front finish panel and tray assembly together.



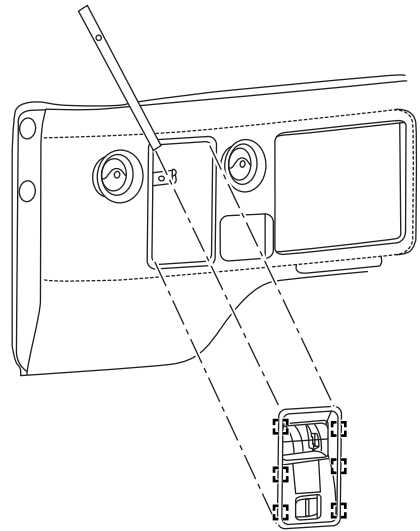
AAZIA0477ZZ

: Metal clips

: Plastic retainers

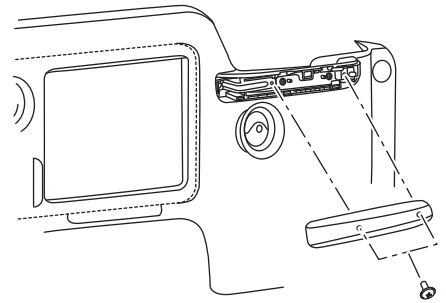
3. Remove the license finish panel using the following steps:
 - a. Insert a plastic trim tool behind the license finish panel and release all the metal clips.
 - b. Disconnect the electrical connectors.

 Metal clips



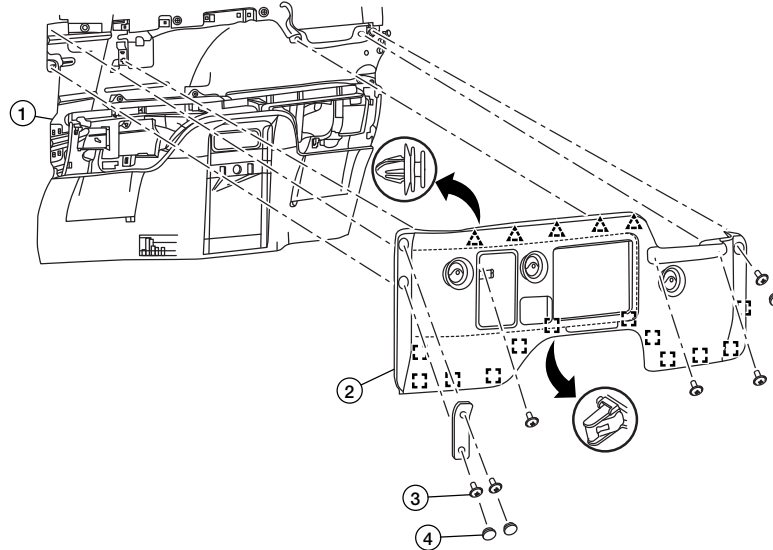
AAZIA0318ZZ

4. Remove the 2 bolts and rear finish panel.



AAZIA0317ZZ

5. Remove the rear upper instrument panel assembly using the following steps:
 - a. Insert a suitable small plastic trim tool behind the 3 masks, pry to release and remove the 3 masks for access to the 3 bolts. Remove the 3 bolts.
 - b. Remove the bolt behind the license finish panel mounting area.
 - c. Remove the 2 bolts behind the rear finish panel mounting area.



AAZIA0320ZZ

□: Metal clips

△: Plastic retainers

Installation

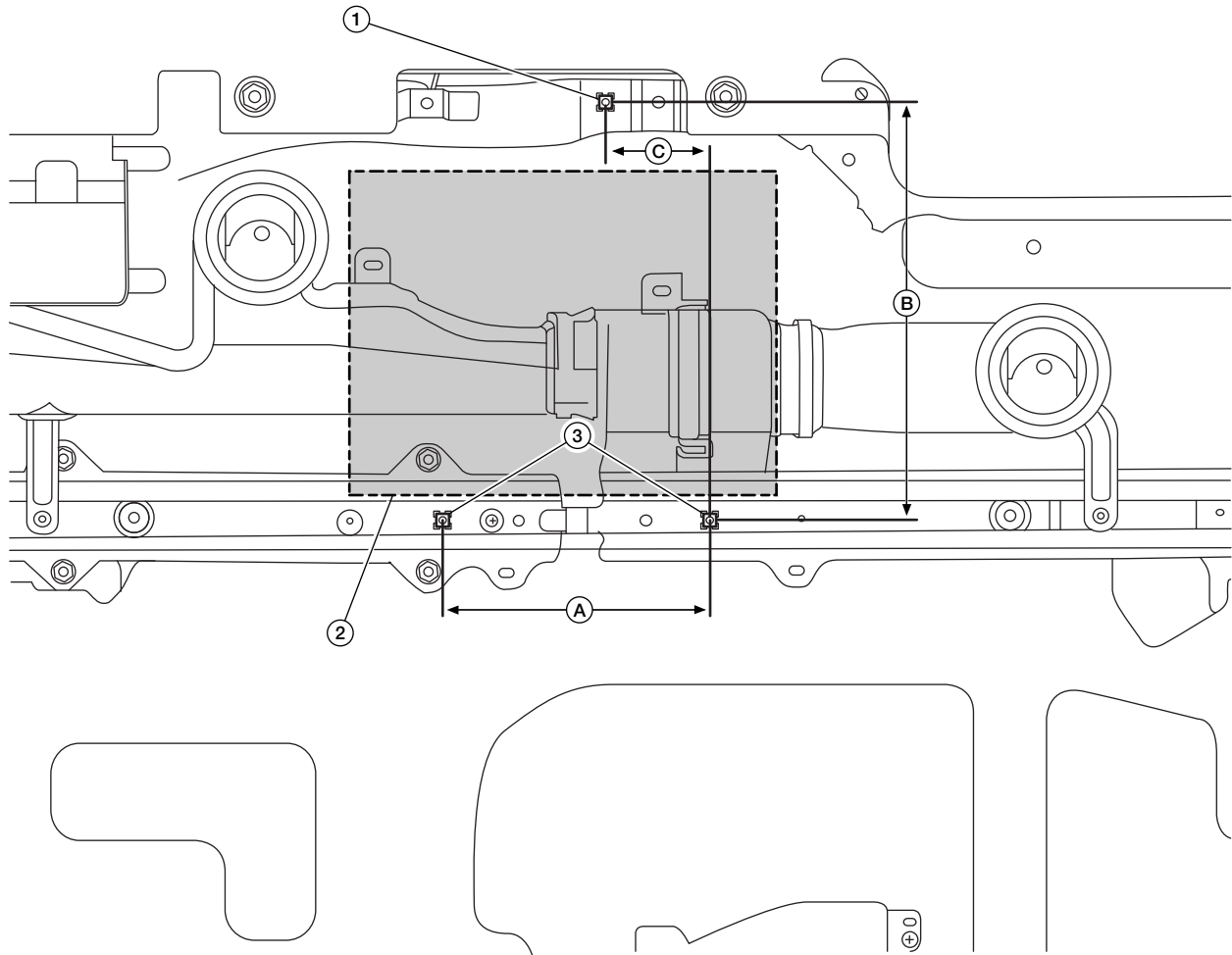
1. To install, reverse the removal procedure steps.

PASSENGER INFORMATION MODULE (PIM) MOUNTING

NOTE:

Partition finish panel must be removed for PIM installation. Refer to [T-PEP Partition Finish Panel \(pg. 74\)](#).

PIM Mounting Dimensions View



AAZIA0478ZZ

Mounting point loading not to exceed 13 kg (29 lbs) per weld nut. Total loading across all 3 mounting points not to exceed 40 kg (88 lbs).

1. PIM Mounting weld nut,
upper M6 x 1.0

A. 190 mm (12.6 in)

2. PIM Display opening area

B. 300 mm (11.81 in)

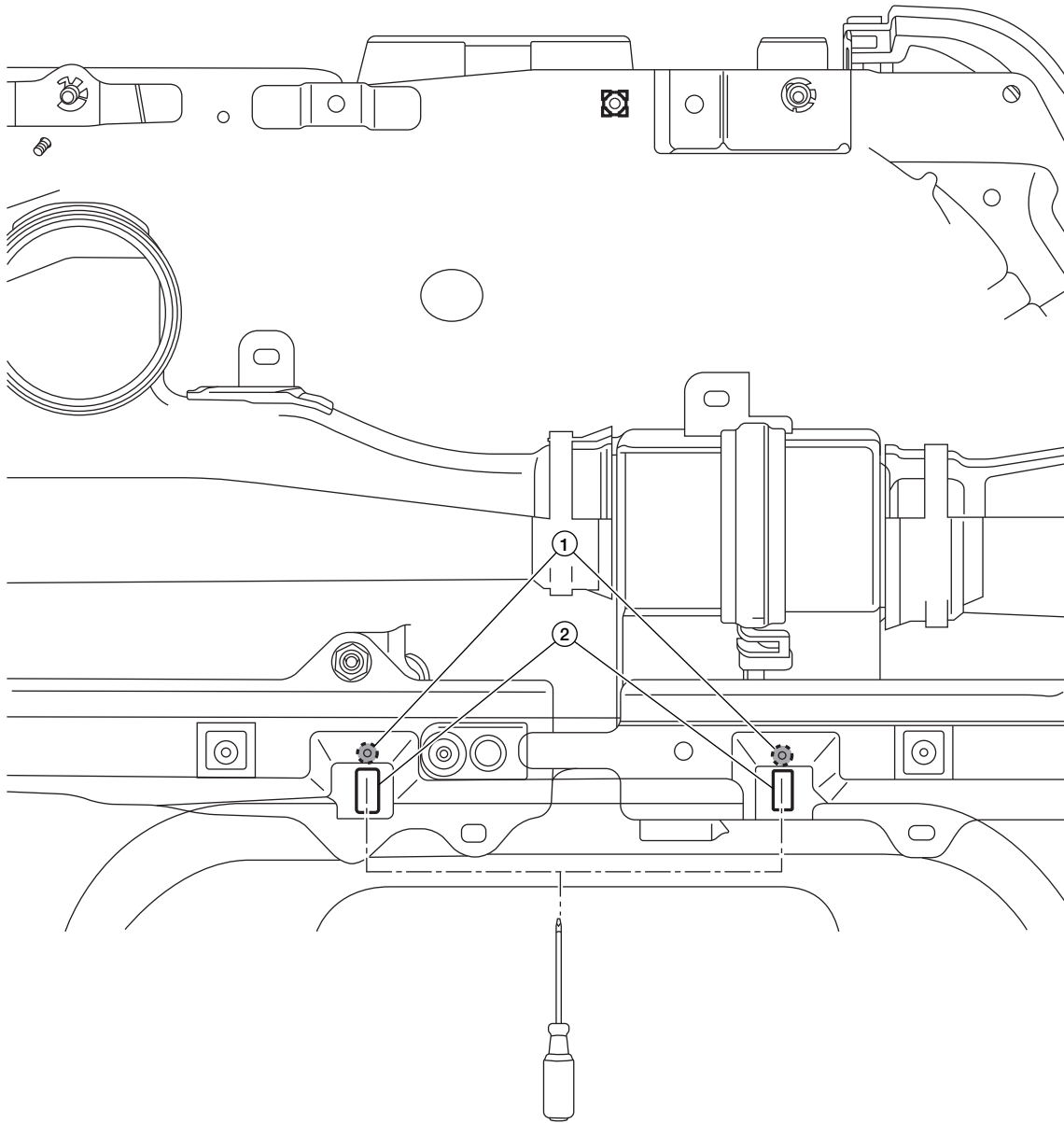
3. PIM Mounting screws,
lower M6 x 1.0 (2)

C. 80 mm (3.15 in)

PASSENGER INFORMATION MODULE (PIM) MOUNTING

[T-PEP EQUIPMENT]

PIM Fastener Locations View



AAZIA0315ZZ

1. PIM Mounting screws, lower M6 x 1.0 (2)

2. Trim clip holes (2)

Insert a torx bit driver through the trim clip holes, as shown. Loosen the 2 lower PIM mounting screws to fit slotted PIM mounting brackets and retighten (screw removal is not necessary).

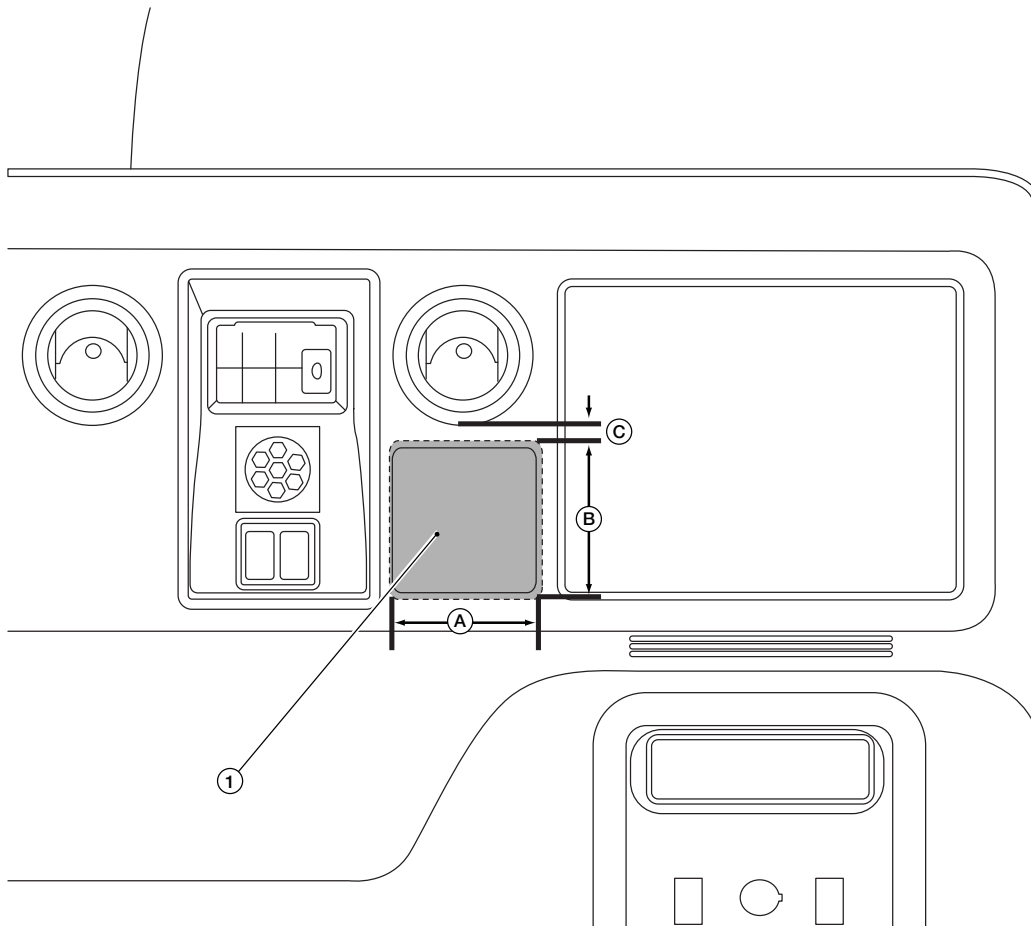
CREDIT CARD READER MOUNTING

NOTE:

Use appropriate type and size fasteners to avoid interference with any existing components or wiring.

NOTE:

The upfitter must modify the partition finish panel for credit card reader installation. Remove the partition finish panel prior to cutting the credit card reader opening. Refer to [T-PEP Partition Finish Panel \(pg. 74\)](#).



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1. Credit card reader mounting area

A. 111.6 mm (4.59 in)

B. 127.4 mm (5.02 in)

C. 10 mm (0.39 in) from bottom edge of vent

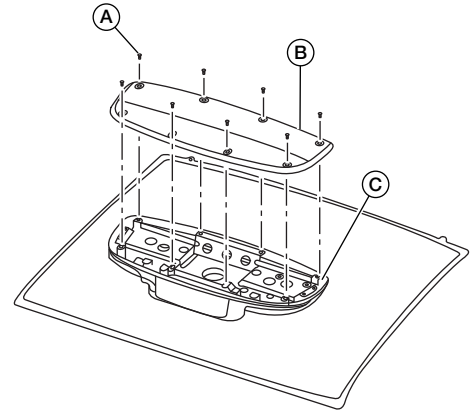
ROOF LIGHT UPPER HOUSING

Removal

1. Remove the 8 screws (A).
2. Separate the upper housing (B) from the roof light assembly (C) and remove.

Installation

1. To install, reverse the removal procedure steps.



AAZIA0350ZZ

ACRONYMS

ACRONYM LIST

Acronym	Description
2WD	Two Wheel Drive
ABS	Anti-lock Braking System
AC	Alternating Current
A/C	Air Conditioning
AKI	Anti-Knock Index
AM/FM	Amplitude Modulated/Frequency Modulated
API	American Petroleum Institute
A/T	Automatic Transmission
AT	Auto Transporter
ATV	All-Terrain Vehicle
BCM	Body Control Module
BT	Bus Trailer
CAN	Controller Area Network
CAN-H	Controller Area Network – High
CAN-L	Controller Area Network – Low
CD	C-Dolly
CG	Center of Gravity
DIM	Driver Information Module
DTCs	Diagnostic Trouble Codes
ECM	Engine Control Module
EGI	Electronic Gasoline Injection
EPS	Electric Power Steering
EVAP	Evaporative Emission
FCC	Federal Communications Commission (USA)
FFV	Flexible Fuel Vehicle
FMVSS	Federal Motor Vehicle Safety Standards
FSS	Front Sonar System
GAW	Gross Axle Weight
GAWR	Gross Axle Weight Rating
GCWR	Gross Combination Weight Rating
GVW	Gross Vehicle Weight
GVWR	Gross Vehicle Weight Rating
H.S.	Harness Side
HSS	High Strength Steel
HVAC	Heating, Ventilation, & Air Conditioning

Acronym	Description
IC	Inflatable Curtain
IDs	Identifications
ILSAC	International Lubricant Standardization and Approval Committee
IPDM E/R	Intelligent Power Distribution Module Engine Room
LDD	Load Divider Dolly
MH	Motor Home
MIL	Malfunction Indicator Light
MPV	Multi-purpose Passenger Vehicle
MSDS	Material Safety Data Sheet
NHTSA	National Highway Traffic Safety Administration
NNA	Nissan North America
OEM	Original Equipment Manufacturer
ORVR	On-Board Refueling Vapor Recovery
OSHA	Occupational Safety and Health Act
PIM	Passenger Information Module
RF	Radio Frequency
RFI	Radio Frequency Interference
RKE	Remote Keyless Entry
RPM	Revolutions Per Minute
SAE	Society of Automotive Engineers
SB	School Bus
SgRP	Seating Reference Point
SRS	Supplemental Restraint System
SUB	Second Unit Body
T-PEP	Taxicab Passenger Enhancements Project
TCD	Trailer Converter Dolly
TCM	Transmission Control Module
TPS	Throttle Position Sensor
TRA	Trailer
TRU	Truck
TT	Truck Tractor
USB	Universal Serial Bus
VDC	Vehicle Dynamic Control
VIN	Vehicle Identification Number
VSS	Vehicle Speed Sensor

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