



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 20

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1031214


Procurement Type: Central Master Agreement

Vendor ID: VS0000004719 

Legal Name: Rohrer Enterprises Inc

Alias/DBA:

Total Bid: \$0.00

Response Date: 05/12/2022 

Response Time: 9:32

Responded By User ID: TClawson 

First Name: Teresa

Last Name: Clawson

Email: tclawson@rohrerbus.com

Phone: 800-735-3900

SO Doc Code: CRFQ

SO Dept: 0805

SO Doc ID: PTR2200000010

Published Date: 5/11/22

Close Date: 5/12/22

Close Time: 13:30

Status: Closed

Solicitation Description: ADA Lowered Floor Minivans

Total of Header Attachments: 20

Total of All Attachments: 20



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder: 1031214
Solicitation Description: ADA Lowered Floor Minivans
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2022-05-12 13:30	SR 0805 ESR05122200000007094	1

VENDOR
 VS0000004719
 Rohrer Enterprises Inc

Solicitation Number: CRFQ 0805 PTR2200000010
Total Bid: 0
Response Date: 2022-05-12
Response Time: 09:32:40
Comments:

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	ADA Lowered Floor Minivans	0.00000	EA	1263150.000000	0.00

Comm Code	Manufacturer	Specification	Model #
25101502			

Commodity Line Comments: Thank you for the opportunity to bid.
Please reach our to me if you have any questions at all.
David M Clawson
Senior Vice President Sales
Rohrer Bus Sales
540-729-3751

Extended Description:
ADA Lowered Floor Minivans



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote

Proc Folder: 1031214		Reason for Modification:	
Doc Description: ADA Lowered Floor Minivans			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-04-22	2022-05-11 13:30	CRFQ 0805 PTR2200000010	1

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: VS0000004719
Vendor Name : Rohrer Enterprises, Inc. DBA Rohrer Bus Sales
Address : 1515 State Road PO Box 100
Street :
City : Duncannon
State : PA **Country :** USA **Zip :** 17020
Principal Contact : David M Clawson, Senior Vice President Sales
Vendor Contact Phone: 540-729-3751 **Extension:**

FOR INFORMATION CONTACT THE BUYER
 David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X  **FEIN#** 23-2059976 **DATE** 5-9-22

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The State of West Virginia Purchasing Division, is soliciting bids for the Public Transit Division, to establish an open-end contract for ADA compliant Lowered Floor Minivans, per the attached documentation.

Federal Terms and Conditions Apply, see attached.

INVOICE TO

SHIP TO

PUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 663

1900 KANAWHA BLVD E
CHARLESTON WV
US

PUBLIC TRANSIT DIVISION
OF
KANAWHA VALLEY
REGIONAL
TRANSPORTATION
AUTHORITY

1550 FOURTH AVE
CHARLESTON WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	ADA Lowered Floor Minivans	0.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25101502	Chrysler	Voyager w/ Brain LF Conv.	LX

Extended Description:
ADA Lowered Floor Minivans

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due by 10:00 am	2022-04-29

	Document Phase	Document Description	Page
PTR220000010	Final	ADA Lowered Floor Minivans	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote

Proc Folder: 1031214		Reason for Modification: Addendum No. 1 To respond to vendor technical questions.
Doc Description: ADA Lowered Floor Minivans		
Proc Type: Central Master Agreement		
Date Issued	Solicitation Closes	Solicitation No
2022-04-29	2022-05-11 13:30	CRFQ 0805 PTR2200000010
		Version
		2


BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: VS0000004719
Vendor Name : Rohrer Enterprises, Inc. DBA Rohrer Bus Sales
Address : 1515 State Road PO Box 100
Street :
City : Duncannon
State : PA **Country :** USA **Zip :** 17020
Principal Contact : David M Clawson, Senior Vice President Sales
Vendor Contact Phone: 540-729-3751 **Extension:**

FOR INFORMATION CONTACT THE BUYER
 David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X 

FEIN# 23-2059976 **DATE** 5-9-22

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

Addendum No. 1

To respond to vendor technical questions, see attached.

To modify specifications as per vendor requests, see attached.

Bid opening remains May, 11 2022, at 1:30 pm est.

No other changes.

INVOICE TOPUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 6631900 KANAWHA BLVD E
CHARLESTON WV
US

WV

SHIP TOPUBLIC TRANSIT DIVISION
OFKANAWHA VALLEY
REGIONAL
TRANSPORTATION
AUTHORITY1550 FOURTH AVE
CHARLESTON WV
US

WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	ADA Lowered Floor Minivans	0.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25101502	Chrysler Voyager w/Brn LF Conversion		LX

Extended Description:

ADA Lowered Floor Minivans

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due by 10:00 am	2022-04-29

	Document Phase	Document Description	Page
PTR220000010	Draft	ADA Lowered Floor Minivans	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

SOLICITATION NUMBER: CRFQ PTR220000010
Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as ("PTR22*10) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

1. To respond to Vendor Technical questions, see attached
2. To modify specifications which are identified in the attached responses, see attached.
3. Bid opening date remains May 11, 2022, at 1:30 pm.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

CRFQ PTR22*10
ADA Lowered Floor Minivans
Vendor Questions and Agency Answers

Question: Request to remove Sections 15 and 15a because FTA does not allow "Preferences"

Answer: The Division will remove Section 15 and 15a.

Question: Section 2.1.1.10, Water Testing. Will the Division accept the water testing system that Braun Corporations uses as described in their documentation?

Answer: The Division will accept the water testing system used by Braun Corporation.

Question: Section 3.10.1 Please accept the OEM standard aluminum wheels as equal.

Answer: The Division will accept the OEM aluminum wheels.

Question: Section 2.14.7 OEM side slide doors; Please accept the standard OEM power sliding door as equal to the manual sliding doors requested in the specification.

Answer: The Division will accept the OEM power sliding door as equal.

Question: Section 2.18.8 Exterior Curb Lamp, please accept that the curb lamp described in this section is its' OEM "standard location" in an interior light that illuminates the exterior area as well.

Answer: The Division will accept this request.

Question: Section 3.19.2 Floor Covering? Please accept Gerflor (Tarabus Sirius) as equal to the Altro Flooring Specifications.

Answer: The Division will accept Gerflor Tarabus Sirius as long as it meets the minimum thickness of 2.2 mm and commercial grade.

Question: Section 3.25.2 Exterior Mirrors: Can the State clarify that they want OEM exterior mirrors? If OEM mirrors are desired, please remove the requirement for description, warranty, and literature for the exterior mirrors, OEM mirrors would be covered by the OEM warranty.

Answer: The Division is asking for OEM mirrors and does not need warranty literature for them.

Question: Section 3.28.2.7 Please accept that per Q'Straint, contrasting colored wheelchair and occupant restraint belts are no longer available.

Answer: The Division understands that its request can no longer be made and will accept a single-color restraint.

Question: Section 3.31.5 Camera System: Please accept a 2-camera video recording system with recorder cameras mounted to record audio and video of 1) driver area and passenger area looking from front to back; and 2) Front view camera mounted facing forward out the front window. Please accept the Vulcan Series 5 Channel HP/IP Mobile Digital Video Recorder as equal. System includes 512 GB SD Solid State Memory Card, Vulcan Series Panic Button Housing, Vulcan Series Anvil 3600 HD Low Profile Camera, Vulcan Series HDWS3600 1080P Windshield Camera, and (2) 13.12' HD Camera Cables. Also, please describe the desired location of the storage box. ✓

Answer: The Division will accept the request for the camera's location and the Vulcan Series 5 Channel HP/IP Mobile Digital Video Recorder as equal.

Question: Section 3.31.5 Camera System: Please describe the desired location of the surveillance system storage box or remove this requirement. This item is typical in a bus but not usually found in a minivan.

Answer: The Division will remove this section from the solicitation.

Question: Section 12. Will the State consider expanding the delivery days to up to 15 months? Current, ongoing supply chain issues may make this revised delivery timeframe necessary.

Answer: The Division will allow up to, but not to exceed 15 months on delivery time.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFO PTR22*10

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | | | |
|-------------------------------------|----------------|--------------------------|-----------------|
| <input checked="" type="checkbox"/> | Addendum No. 1 | <input type="checkbox"/> | Addendum No. 6 |
| <input type="checkbox"/> | Addendum No. 2 | <input type="checkbox"/> | Addendum No. 7 |
| <input type="checkbox"/> | Addendum No. 3 | <input type="checkbox"/> | Addendum No. 8 |
| <input type="checkbox"/> | Addendum No. 4 | <input type="checkbox"/> | Addendum No. 9 |
| <input type="checkbox"/> | Addendum No. 5 | <input type="checkbox"/> | Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company



Authorized Signature

5-9-22

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Name, Title) _____, Senior Vice President Sales

(Printed Name and Title) David M Clawson, Senior Vice President Sales

(Address) 1515 State Road PO Box 100 Duncannon PA 17020

(Phone Number) / (Fax Number) 540-729-3751

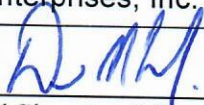
(email address) dclawson@rohrerbus.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

(Company) _____



_____, Senior Vice President Sales

(Authorized Signature) (Representative Name, Title)

David M Clawson, Senior Vice President Sales

(Printed Name and Title of Authorized Representative) (Date)

540-729-3751

(Phone Number) (Fax Number)

dclawson@rohrerbus.com

(Email Address)

REQUEST FOR QUOTATION – CRFQ PTR22*10
ADA Compliant Lowered Floor Minivans

BID FORM #1

REQUIRED BID FORM TO BE SUBMITTED WITH BID

Location(s) of the Technical Service Representative(s) and parts distribution center(s) closest or in the State of West Virginia.

Location(s) of the technical service representative(s).

Name: Ryan Renninger

Address: 1515 State Road PO Box 100

Duncannon, PA 17020

Telephone: 1-717-957-4774

Name: Roger Rittenhouse Rittenhouse Bus Line

Address: 31 East End Road

Smock, PA 15480

Telephone: 724-677-9900

Location(s) of parts distribution center(s).

Name: Rohrer Bus Sales

Address: 1515 State Road PO Box 100

Duncannon, PA 17020

Telephone: 717-957-4774

Name: N/A

Address:

Telephone:

BID FORM #2

**CERTIFICATION FOR AIR & WATER POLLUTION
REQUIRED BID FOR TO BE SUBMITTED WITH BID**

The Vendor certifies that the vehicles proposed:

ARE in compliance with the regulations in 40 CFR Part 85, 40 CFR Part 86,
40 CFR Part 600, Clean Water Act and the air/water pollution criteria established by the
Environmental Protection Agency of the United States Government.

ARE NOT _____ in compliance with the regulations in 40 CFR Part 85, 40 CFR Part 86,
40 CFR Part 600, Clean Water Act and the air/water pollution criteria established by the
Environmental Protection Agency of the United States Government.

5-9-22

Date



Authorized Signature

Senior Vice President Sales

Title

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company Name

BID FORM #3

**DISADVANTAGED BUSINESS ENTERPRISE
VENDORS/ MANUFACTURERS CERTIFICATION**

REQUIRED BID FOR TO BE SUBMITTED WITH BID

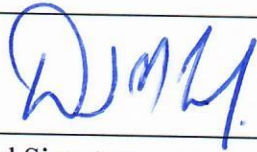
(Check appropriate statement)

The Vendor, if a transit vehicle manufacturer, hereby certifies that it has complied with the requirements of 49 CFR Section 26.49 by submitting an annual DBE goal to the Federal Transit Administration (FTA). The goal has either been approved or not disapproved by FTA.

The Vendor, if a non-manufacturing supplier, hereby certifies that the manufacturer of the transit vehicle to be supplied has complied with the above-referenced requirement of 49 CFR Section 26.49.

5-9-22

Date



Authorized Signature

Senior Vice President Sales

Title

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company Name

REQUEST FOR QUOTATION – CRFQ PTR22*10
ADA Compliant Lowered Floor Minivans

BID FORM #4

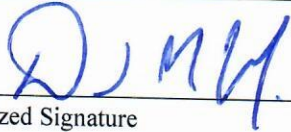
**BUY AMERICA CERTIFICATION
ROLLING STOCK
REQUIRED BID FOR TO BE SUBMITTED WITH BID**

Certificate of Compliance

The bidder or offeror hereby certifies that it will comply with the requirements of section 165(b) (3), of the Surface Transportation Assistance Act of 1982, as amended, and the applicable regulations of 49 CFR 661.11:

5-9-22

Date



Authorized Signature

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company Name

David M Clawson

Name

Senior Vice President Sales

Title

Certificate for Non-Compliance

The bidder or offeror hereby certifies that it cannot comply with the requirements of section 165(b) (3) of the Surface Transportation Assistance Act of 1982, as amended, but may qualify for an exception to the requirement consistent with section 165(b) (2) or (b) (4) of the Surface Transportation Assistance Act, as amended, and the applicable regulations in 49 CFR 661.7.

Date

Authorized Signature

Company Name

Name

Title

REQUEST FOR QUOTATION – CRFQ PTR22*10
ADA Compliant Lowered Floor Minivans

BID FORM #5

**FEDERAL MOTOR VEHICLE
SAFETY STANDARDS CERTIFICATION**

REQUIRED BID FORM TO BE SUBMITTED WITH BID

The vendor hereby certifies that it shall submit, as required by Title 49 of the CFR, Part 663 - Subpart D, its self-certification information stating that the vehicle(s) will comply with the relevant Federal Motor Vehicle Safety Standards issued by the National Highway Traffic Safety Administration in Title 49 of the Code of Federal Regulations, Part 571.

5-9-22

Date



Authorized Signature

Senior Vice President Sales

Title

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company Name

REQUEST FOR QUOTATION – CRFQ PTR22*10
ADA Compliant Lowered Floor Minivans

BID FORM #6
U.S. Comptroller's Debarment List Certification
REQUIRED BID FOR TO BE SUBMITTED WITH BID

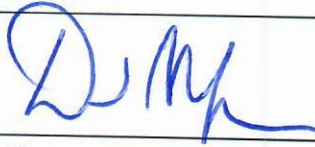
Rohrer Enterprises, Inc. DBA Rohrer Bus Sales hereby certifies that it

 IS or

IS NOT (specify one) included on the U.S. GSA's debarment and suspension information available at <https://www.sam.gov>.

5-9-22

Date



Authorized Signature

Senior Vice President Sales

Title

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company Name

REQUEST FOR QUOTATION
ADA Compliant Lowered Floor Mini-Van

BID FORM #9
REQUIRED BID FOR TO BE SUBMITTED WITH BID

CERTIFICATION OF RESTRICTIONS ON LOBBYING

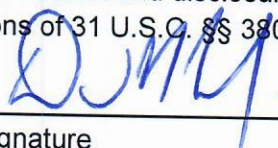
The undersigned (Vendor, Contractor) certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influence or attempt to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress regarding the award of a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance, or the extension, continuation, renewal, amendment, or modification of any Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance.
2. If any funds other than Federal appropriated funds have been or will be paid to any person to influence or attempt to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or any employee of a Member of Congress in connection with any application for a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance, the undersigned assures that it will complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," Rev. 7-97; and
3. The undersigned understands that the language of this certification shall be included in the award documents for all sub awards at all tiers (including subcontracts, sub grants, sub agreements, and contracts under grants, loans (including a line of credit), cooperative agreements, loan guarantees, and loan insurance.

Undersigned understands that this certification is a material representation of fact upon which reliance is placed by the Federal government and that submission of this certification is a prerequisite for providing a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance for a transaction covered by 31 U.S.C. 1352. The undersigned also understands that any person who fails to file a required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The (Vendor, Contractor) Rohrer Enterprises, Inc. DBA Rohrer Bus Sales, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the (Vendor, Contractor) understands and agrees that the provisions of 31 U.S.C. §§ 3801, et seq., apply to this certification and disclosure.

5-9-22
Date


Authorized Signature

Senior Vice President Sales
Title

REQUEST FOR QUOTATION
ADA Compliant Lowered Floor Mini-Van

BID FORM #10

REQUIRED BID DOCUMENTATION CHECKLIST

Model Year: 2022 Model: Chrysler Voyager LX w/ Braun LF Conversion

Mandatory Bid Forms – must be submitted with bid:

- Bid Form #1: Locations of Technical Service Representatives and Parts Distribution Centers
- Bid Form #2: Certification for Air & Water Pollution
- Bid Form #3: Disadvantaged Business Enterprise Vendors/Manufacturers Certification
- Bid Form #4: Buy America Certification Rolling Stock
- Bid Form #5: Federal Motor Vehicle Safety Standards Certification
- Bid Form #6: U.S. Comptroller's Debarment List Certification
- Bid Form #7: Certification of Primary Participant Regarding Debarment, Suspension, and Other Responsibility Matters
- Bid Form #8: Vendor's Certification of Understanding and Acceptance
- Bid Form #9: Certification of Restrictions on Lobbying
- Exhibit A Pricing Page

CHRYSLER



2022 WARRANTY INFORMATION - ALL VEHICLES

CHRYSLER



Please note that this new vehicle limited warranty contains a binding arbitration provision that may affect your legal rights, and you agree that, pursuant to the arbitration provision contained in this book, that either you or FCA US LLC may elect to resolve any dispute by neutral, binding arbitration and not by a court action. See the binding arbitration provision contained in "section 1.2" of this new vehicle limited warranty for additional information concerning the agreement to arbitrate. The binding arbitration provision contained in this warranty book does not affect any rights a consumer has to participate in any of FCA's nonbinding arbitration programs or any voluntary arbitration programs sponsored by any state or government agency.

WARRANTY COVERAGE AT A GLANCE

Basic Limited Warranty Coverage 3 years/36,000 miles Specified Components 1 year/12,000 miles	Federal Emission Warranty 2 years/24,000 miles Specified Components 8 years/80,000 miles
Anti-Corrosion Perforation Limited Warranty All Panels 3 years/Unlimited mileage Outer Panels 5 years/Unlimited mileage	Emission Performance Warranty 2 years/24,000 miles
Powertrain Limited Warranty 5 years/60,000 miles	

1. Your Legal Rights Under These Limited Warranties.....	4
1.1. INCIDENTAL AND CONSEQUENTIAL DAMAGES NOT COVERED	4
1.2. VOLUNTARY BINDING ARBITRATION PROVISION	5
2. What Is Covered Under FCA US LLC's Warranties.....	6
2.1. BASIC LIMITED WARRANTY	6
A. Who Is Covered	6
B. What Is Covered.....	6
C. Items Covered By Other Warranties	6
D. Towing Costs Are Covered Under Certain Circumstances	6
E. When It Begins.....	7
F. When It Ends	7
G. Registration And Operation Requirements.....	7
2.2. CORROSION WARRANTY.....	8
A. Who Is Covered	8
B. What Is Covered.....	8
C. How Long It Lasts	8
D. What Is Not Covered	8
2.3. RESTRAINT SYSTEM LIMITED WARRANTY, VEHICLES SOLD AND REGISTERED IN THE STATE OF KANSAS ONLY.....	9
2.4. POWERTRAIN LIMITED WARRANTY.....	9
A. Who Is Covered	9
B. What Is Covered.....	9
C. How Long It Lasts	9
D. Towing Costs Are Covered.....	9
E. Parts Covered	10
F. Other Provisions Of This Powertrain Limited Warranty.....	10
3. What Is Not Covered.....	11
3.1. MODIFICATIONS NOT COVERED	11
A. Some Modifications Do Not Void The Warranties But Are Not Covered	11
B. Modifications That WILL Void Your Warranties	11
3.2. ENVIRONMENTAL FACTORS NOT COVERED.....	12
3.3. MAINTENANCE COSTS NOT COVERED.....	12
3.4. RACING NOT COVERED	13
3.5. CERTAIN KINDS OF CORROSION NOT COVERED	13
3.6. OTHER EXCLUSIONS	13
3.7. TOTAL LOSS, SALVAGE, JUNK, OR SCRAP VEHICLES NOT COVERED	14
3.8. RESTRICTED WARRANTY	14

4. Other Terms Of Your Warranties.....	15	6.3. EMERGENCY WARRANTY REPAIRS	22
4.1. EXCHANGED PARTS MAY BE USED IN WARRANTY REPAIRS.....	15	6.4. GETTING SERVICE UNDER THE FEDERAL EMISSION PERFORMANCE WARRANTIES.....	22
4.2. PRE-DELIVERY SERVICE	16	A. What To Do.....	22
4.3. PRODUCTION CHANGES	16	B. Further Steps You Can Take, And How To Get More Information.....	22
5. Emission Warranties Required By Law.....	17	7. How To Deal With Warranty Problems.....	23
5.1. FEDERAL EMISSION WARRANTY.....	17	7.1. STEPS TO TAKE	23
A. Parts Covered For Two Years Or 24,000 Miles.....	17	A. In General.....	23
B. Parts Covered For Eight Years Or 80,000 Miles.....	17	B. What FCA US LLC Will Do	23
5.2. EMISSION PERFORMANCE WARRANTY.....	18	C. If Your Problem Still Is Not Resolved For Customers Residing In Arkansas, Idaho, Kentucky, Minnesota And Montana ONLY.....	24
6. How To Get Warranty Service	19	D. Notice Under State Lemon Laws	25
6.1. WHERE TO TAKE YOUR VEHICLE.....	19	7.2. HELPFUL ADDRESSES AND TELEPHONE NUMBERS.....	26
A. In The United States, We Include US Possessions And Territories As Part Of The United States For Warranty Purposes	19	8. Optional Service Contract.....	27
B. In Canada And Mexico.....	19	9. Maintenance.....	28
C. In A Foreign Country Outside Of North America.....	19	9.1. GENERAL INFORMATION	28
D. If You Move	20	9.2. WHERE TO GO FOR MAINTENANCE	28
E. Notice	20		
6.2. HOW TO GET ROADSIDE ASSISTANCE SERVICE — US OR CANADA ONLY *	20		
A. Who Is Covered	20		
B. What To Do.....	20		
C. Covered Services	21		
D. If Unable To Contact Roadside Assistance.....	21		

1. YOUR LEGAL RIGHTS UNDER THESE LIMITED WARRANTIES

The warranties contained in this booklet are the only express warranties that FCA US LLC ("FCA US") makes for your vehicle. **These warranties give you specific legal rights. You may also have other rights that vary from state to state.** For example, you may have some implied warranties, depending on the state where your vehicle was sold or is registered.

These implied warranties are limited, to the extent allowed by law, to the time periods covered by the express written warranties contained in this booklet.

If you use your vehicle primarily for business or commercial purposes, then these implied warranties do not apply and FCA US LLC completely disclaims them to the extent allowed by law. The implied warranty of fitness for a particular purpose does not apply if your vehicle is used for racing, even if the vehicle is equipped for racing.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

1.1. INCIDENTAL AND CONSEQUENTIAL DAMAGES NOT COVERED

Your warranties do not cover any incidental or consequential damages connected with your vehicle's failure, either while under warranty or afterward.

Examples of such damages include:

- Lost time
- Inconvenience
- The loss of the use of your vehicle
- The cost of rental vehicles, gasoline, telephone, travel, or lodging
- The loss of personal or commercial property
- The loss of revenue

Some states do not allow incidental or consequential damages to be excluded or limited, so this exclusion may not apply to you.

1.2. VOLUNTARY BINDING ARBITRATION PROVISION

Please carefully read this voluntary binding arbitration provision, which applies to any dispute between you and FCA US LLC and its affiliates (together “FCA”, “we” or “us”). If you have a concern or dispute, please send a written notice describing it and your desired resolution to FCA US LLC Office of the General Counsel, 1000 Chrysler Drive, CIMS 485-13-62, Auburn Hills, MI 48326-2766. This binding arbitration provision does not affect any rights a consumer has to participate in any of FCA US LLC’s nonbinding arbitration programs or any voluntary arbitration programs sponsored by any state or government agency.

If your concern or dispute is not resolved within 60 days, you agree that any dispute arising out of or relating to any aspect of the relationship between you and FCA US LLC will not be decided by a judge or jury but instead by a single arbitration administered by the **American Arbitration Association (AAA)** under its **Consumer Arbitration Rules** in effect at the time you signed the Agreement to Arbitrate. This includes claims arising out of your warranty and claims arising before this agreement, such as claims related to statements about our products.

FCA US LLC will pay all AAA fees and costs for any arbitration, which will be held in the city or county of your residence. To learn more about the rules and how to begin an arbitration, you may call any AAA office or go to www.adr.org.

The arbitrator may resolve only disputes between you and FCA US LLC and may not consolidate claims without the consent of all parties. You and FCA US LLC may bring claims against the other only in your or its individual capacity and not as a plaintiff or class member in any class or representative action. The arbitrator cannot hear class or representative claims on behalf of others purchasing or leasing FCA US LLC vehicles. If a court or arbitrator decides that any part of this agreement to arbitrate cannot be enforced as to a particular claim for relief or remedy (such as declaratory relief), then that claim or remedy (and only that claim or remedy) shall be severed and must be brought in court and any other claims must be arbitrated.

If you prefer, you may instead take an individual dispute to small claims court.

You may opt out of arbitration within 30 days after signing the agreement by sending a letter to: FCA US LLC Office of the General Counsel, 1000 Chrysler Drive, CIMS 485-13-62, Auburn Hills, MI 48326-2766, stating your name, Vehicle Identification Number (VIN), and intent to opt out of the arbitration provision. If you do not opt out, then this agreement to arbitrate is binding.

2. WHAT IS COVERED UNDER FCA US LLC'S WARRANTIES

2.1. BASIC LIMITED WARRANTY

A. WHO IS COVERED

You are covered by the Basic Limited Warranty if you are a purchaser for use of the vehicle.

B. WHAT IS COVERED

The Basic Limited Warranty covers the cost of all parts and labor needed to repair any item on your vehicle when it left the manufacturing plant that is defective in material, workmanship or factory preparation. There is no list of covered parts since the only exceptions are the parts that are in "section 2.1 C". These warranty repairs or adjustments including all parts and labor connected with them, will be made by an authorized dealer at no charge, using new or remanufactured parts.

C. ITEMS COVERED BY OTHER WARRANTIES

The following are covered by separate warranties offered by their makers. They are **not covered** by the Basic Limited Warranty:

- Tires
- Headphones
- Items added or changed after your vehicle left the manufacturing plant, such as accessories or protection products, or items changed because of customization or van conversion

Be sure you get a copy of any warranty that applies to these items from the manufacturer of the product.

D. TOWING COSTS ARE COVERED UNDER CERTAIN CIRCUMSTANCES

Roadside Assistance covers the cost of towing your vehicle to the nearest Chrysler, Dodge, Jeep®, or Ram dealer if your vehicle becomes disabled as a result of a mechanical breakdown. If you choose to go to another dealership, you will be responsible for the cost if the extra distance exceeds 10 miles. See "section 6.2" for information on how to get towing service in the United States and Canada.

E. WHEN IT BEGINS

The Basic Limited Warranty begins on either of the following dates, whichever is earlier:

- The date you take delivery of the vehicle.
- The date when the vehicle was first put into use, for example, as a dealer “demo” or as an FCA US LLC company vehicle.

F. WHEN IT ENDS

The Basic Limited Warranty lasts for three years from the date it begins or for 36,000 miles on the odometer, whichever occurs first. But the following items are covered only for one year or for 12,000 miles on the odometer, whichever occurs first:

- Brakes (rotors, pads, linings, and drums)
- Bulbs
- Clutch Discs or Modular Clutch Assembly (if equipped)
- Wheel Alignment and Wheel Balancing
- Windshield and Rear Window
- Wiper Blades

G. REGISTRATION AND OPERATION REQUIREMENTS

The Basic Limited Warranty covers your vehicle only if:

- The vehicle was built for sale in the US.
- The vehicle is registered in the US.
- The vehicle is driven mainly in the US or Canada.
- The vehicle is operated and maintained in the manner described in your Owner’s Manual.

EXCEPT WHERE SPECIFICALLY REQUIRED BY LAW, THERE IS NO WARRANTY COVERAGE FOR THIS VEHICLE IF IT IS SOLD OR REGISTERED OUTSIDE OF THE UNITED STATES, INCLUDING UNITED STATES POSSESSIONS AND TERRITORIES AS PART OF THE UNITED STATES FOR WARRANTY PURPOSES.

This policy does not apply to vehicles that have received authorization for export from FCA US LLC. Dealers may not give authorization for export. You should consult an authorized dealer to determine this vehicle’s warranty coverage if you have any questions.

This policy does not apply to vehicles registered to US government officials or military personnel on assignment outside of the United States.

2.2. CORROSION WARRANTY

A. WHO IS COVERED

You are covered by the Corrosion Warranty if you are a purchaser for use of the vehicle.

B. WHAT IS COVERED

The Corrosion Warranty covers the cost of all parts and labor needed to repair or replace any sheet metal panels that get holes from rust or other corrosion. If a hole occurs because of something other than corrosion, this warranty does not apply. Cosmetic or surface corrosion resulting, for example, from stone chips or scratches in the paint, is not covered. For more details on what is not covered by this warranty, refer to “section 3.5”.

C. HOW LONG IT LASTS

The Corrosion Warranty starts when your Basic Limited Warranty begins under “section 2.1 E”.

This warranty has two time-and-mileage limits:

- For sheet metal panels, the limit is three years, with no mileage limit.
- For an outer body sheet metal panel, one that is finish painted and that someone can see when walking around the vehicle, the limit is five years, with no mileage limit.

D. WHAT IS NOT COVERED

Please note that while the standard Corrosion Warranty applies to defects in material and/or workmanship, it does not cover the vehicle's matte finish appearance (if equipped).

Maintaining the matte finish appearance is solely the responsibility of the vehicle owner as described in your Owner's Manual.

2.3. RESTRAINT SYSTEM LIMITED WARRANTY, VEHICLES SOLD AND REGISTERED IN THE STATE OF KANSAS ONLY

For vehicles sold and registered in the State of Kansas, seat belts and related seat belt components are warranted against defects in workmanship and materials for 10 years, regardless of mileage. This warranty does not cover replacement of seat belts and related components required as the result of collision.

2.4. POWERTRAIN LIMITED WARRANTY

A. WHO IS COVERED

You are covered by the Powertrain Limited Warranty if you are a purchaser for use of the vehicle.

B. WHAT IS COVERED

The Powertrain Limited Warranty covers the cost of all parts and labor needed to repair a powertrain component listed in “section 2.4 E” below that is defective in workmanship and materials.

C. HOW LONG IT LASTS

The Powertrain Limited Warranty lasts for up to five years or 60,000 miles on the odometer, whichever occurs first, calculated from the start date of the Basic Limited Warranty, as set forth in “section 2.1 E”.

D. TOWING COSTS ARE COVERED

Roadside Assistance covers the cost of towing your vehicle to the nearest authorized Chrysler, Dodge, Jeep® or Ram dealer if your vehicle cannot be driven because a covered part has failed.

If you choose to go to another dealership, you will be responsible for the cost if the extra distance exceeds 10 miles. Refer to “section 6.2” for information on how to get towing service in the United States and Canada.

E. PARTS COVERED

The Powertrain Limited Warranty covers these parts and components of your vehicle's powertrain supplied by FCA US LLC:

NOTE:

MANUAL TRANSMISSION CLUTCH PARTS ARE NOT COVERED UNDER THE POWERTRAIN LIMITED WARRANTY

Gasoline Engine

Cylinder block and all internal parts; cylinder head assemblies; timing case, timing chain, timing belt, gears and sprockets; vibration damper; oil pump; water pump and housing; intake and exhaust manifolds; flywheel with starter ring gear; core plugs; valve covers; oil pan; turbocharger housing and internal parts; turbocharger wastegate actuator; supercharger; serpentine belt tensioner; seals and gaskets for listed components only.

Transmission

Transmission case and all internal parts; torque converter; drive/flex plate; transmission range switch; speed sensors; pressure sensors; transmission control module; bell housing; oil pan; seals and gaskets for listed components only.

Front-Wheel Drive (FWD)

Transaxle case and all internal parts; axle shaft assemblies; constant velocity joints and boots; differential cover; oil pan; transaxle speed sensors; transaxle solenoid assembly; PRNDL position switch; transaxle electronic controller; torque converter; seals and gaskets for listed components only.

All-Wheel Drive (AWD)

Power transfer unit and all internal parts; viscous coupler; axle housing and all internal parts; constant velocity joints and boots; driveshaft and axle shaft assemblies; differential carrier assembly and all internal parts; output ball bearing; output flange; end cover; overrunning clutch; vacuum motor; torque tube; pinion spacer and shim; seals and gaskets for listed components only.

Rear-Wheel Drive (RWD)

Rear axle housing and all internal parts; axle shafts; axle shaft bearings; drive shaft assemblies; drive shaft center bearings; universal joints and yokes; seals and gaskets for listed components only.

Four-Wheel Drive (4WD)

Transfer case and all internal parts; transfer case control module and shift mode motor assembly; axle housing and all internal parts; axle shafts; axle shaft bearings; drive shaft assemblies (front and rear); drive shaft center bearings; universal joints and yokes; disconnect housing assembly; seals and gaskets for the listed components only.

F. OTHER PROVISIONS OF THIS POWERTRAIN LIMITED WARRANTY

All other terms of the New Vehicle Limited Warranty including "section 1" (Your Legal Rights Under These Limited Warranties) and "section 3" (What Is Not Covered) apply to this Powertrain Limited Warranty.

3. WHAT IS NOT COVERED

3.1. MODIFICATIONS NOT COVERED

A. SOME MODIFICATIONS DO NOT VOID THE WARRANTIES BUT ARE NOT COVERED

Certain changes that you might make to your vehicle do not, by themselves, void the warranties described in this booklet. Examples of some of these changes are:

- Installing non-FCA US LLC parts, components, or equipment such as a non-FCA US LLC radio or cruise control.
- Using special non-FCA US LLC materials or additives.
- Modifying the front fascia/bumper, vehicle body structure, or adding aftermarket side steps or running boards.
- Replacing windshields on vehicles equipped with Advanced Driver Assist systems with non-FCA US LLC parts.
- Using aftermarket collision parts.
- Attaching or installing any aftermarket accessories, including transparent material (e.g. glass tinting) or aftermarket grilles.

NOTE:

Non-FCA US LLC parts can also impact downstream or other related safety systems.

Your warranties do not cover any part that was not on your vehicle when it left the manufacturing plant or is not certified for use on your vehicle. Nor do they cover the costs of any repairs or adjustments that might be caused or needed because of the installation or use of non-FCA US LLC parts, components, equipment, materials, or additives.

Performance or racing parts are considered to be non-FCA US LLC parts. Repairs or adjustments caused by their use are not covered under your warranties.

Examples of the types of alterations not covered are:

- Installing accessories, except for genuine FCA US LLC/Mopar® accessories installed by an authorized Chrysler, Dodge, Jeep® or Ram dealer.
- Applying rustproofing or other protection products.
- Changing the vehicle's configuration or dimensions, such as converting the vehicle into a limousine or food service vehicle.
- Using any refrigerant that FCA US LLC has not approved.

B. MODIFICATIONS THAT WILL VOID YOUR WARRANTIES

These actions will void your warranties:

- Disconnecting, tampering with, or altering the odometer will void your warranties, unless your repairing technician follows the legal requirements for repairing or replacing odometers.
- Attaching any device that disconnects the odometer will also void your warranties.

3.2. ENVIRONMENTAL FACTORS NOT COVERED

Your warranties do not cover damage caused by environmental factors such as airborne fallout, bird droppings, insect damage, chemicals, tree sap, salt, ocean spray, acid rain, and road hazards. Nor do your warranties cover damage caused by hailstorms, windstorms, tornadoes, sandstorms, lightning, floods, and earthquakes.

Your warranties do not cover conditions resulting from anything impacting the vehicle. This includes cracks and chips in glass, scratches and chips in painted surfaces, or damage from collision.

3.3. MAINTENANCE COSTS NOT COVERED

Your warranties do not cover the costs of repairing damage caused by poor or improper maintenance. Nor do they cover damage caused by the use of contaminated fuels, or by the use of fuels, oils, lubricants, cleaners or fluids other than those recommended in your Owner's Manual.

The warranties do not cover the costs of your vehicle's normal or scheduled maintenance. Some of these parts and services, which your warranties do not cover, include:

- Lubrication
- Engine tune-ups
- Replacing filters, coolant, spark plugs, or fuses (unless those costs result from a covered repair)
- Cleaning and polishing
- Replacing worn wiper blades, worn brake pads and linings, or clutch linings

3.4. RACING NOT COVERED

Your warranties do not cover the costs of repairing damage or conditions caused by racing, nor do they cover the repair of any defects that are found as the result of participating in a racing event.

3.5. CERTAIN KINDS OF CORROSION NOT COVERED

Your warranties do not cover the following:

- Corrosion caused by accident, damage, abuse, or vehicle alteration.
- Surface corrosion caused by such things as industrial fallout, sand, salt, hail, ocean spray, and stones.
- Corrosion caused by the extensive or abnormal transport of caustic materials like chemicals, acids, and fertilizers.
- Corrosion of special bodies, body conversions, or equipment that was not on your vehicle when it left the manufacturing plant or was not supplied by FCA US LLC.

3.6. OTHER EXCLUSIONS

Your warranties do not cover the costs of repairing damage or conditions caused by any of the following:

- Fire or accident
- Abuse or negligence
- Misuse: for example, driving over curbs or overloading
- Tampering with the emission systems, or with a part that could affect the emission systems
- Use of used parts, even if they were originally supplied by FCA US LLC however, authorized FCA US LLC/Mopar® remanufactured parts are covered
- Windshield or rear window damage from external objects
- Any changes made to your vehicle that do not comply with FCA US LLC
- Using any fluid that does not meet the minimum recommendations in your Owner's Manual

3.7. TOTAL LOSS, SALVAGE, JUNK, OR SCRAP VEHICLES NOT COVERED

A vehicle has no warranty coverage of any kind if:

- The vehicle is declared to be a total loss by an insurance company.
- The vehicle is rebuilt after being declared a total loss by an insurance company.
- The vehicle is issued a certificate of title indicating that it is designated as “salvage”, “junk”, “rebuilt”, “scrap,” or some similar word.

FCA US LLC will deny warranty coverage without notice if it learns that a vehicle is ineligible for coverage for any of these reasons.

This exclusion does not apply to emission warranties or to recall campaigns.

3.8. RESTRICTED WARRANTY

FCA US LLC may restrict the warranty on your vehicle if the vehicle is not properly maintained, or if the vehicle is abused or neglected, and the abuse or neglect interferes with the proper functioning of the vehicle. If the warranty is restricted, coverage may be denied or subject to approval by FCA US LLC before covered repairs are performed.

4. OTHER TERMS OF YOUR WARRANTIES

4.1. EXCHANGED PARTS MAY BE USED IN WARRANTY REPAIRS

In the interest of customer satisfaction, FCA US LLC may offer exchange service on some vehicle parts. This service is intended to reduce the amount of time your vehicle is not available for your use because of repairs. Parts used in exchange service may be new, remanufactured, reconditioned, or repaired, depending on the part involved.

All exchange parts that might be used meet FCA US LLC standards, and have the same warranties as new parts.

Examples of the kinds of parts that might be serviced in this way are:

- Engine Assemblies
- Transmission Assemblies
- Instrument Cluster Assemblies
- Radios, CD and DVD Players
- Speedometers
- Powertrain Control Module (PCM)

To help control suspected ozone-depleting agents, the Environmental Protection Agency (EPA) requires the capture, purification, and reuse of automotive air conditioning refrigerant gases. As a result, a repair to the sealed portion of your air conditioning system may involve the installation of purified reclaimed refrigerant.

4.2. PRE-DELIVERY SERVICE

A defect in or damage to the mechanical, electrical, sheet metal, paint, trim, and other components of your vehicle may have occurred at the factory or while it was being shipped to an authorized dealer.

Such a defect or damage is usually detected and corrected at the factory. In addition, dealers must inspect each vehicle before delivery. They repair any defects or damage detected before the vehicle is delivered to you.

4.3. PRODUCTION CHANGES

Changes may be made in vehicles sold by FCA US LLC and their authorized dealers at any time without incurring any obligation to make the same or similar changes on vehicles previously built or sold.

5. EMISSION WARRANTIES REQUIRED BY LAW

5.1. FEDERAL EMISSION WARRANTY

A. PARTS COVERED FOR TWO YEARS OR 24,000 MILES

Federal law requires FCA US LLC to warrant the following emissions parts for two years or 24,000 miles, whichever occurs first. FCA US LLC covers all of these parts under the Basic Limited Warranty for three years or 36,000 miles, whichever occurs first.

These parts are:

- Air System Controls
- Electronic Fuel Injection System (including injectors)
- Evaporative-Emission Canister and Controls
- Exhaust Manifold
- Exhaust Gas Recirculation (EGR) Valve and Control System
- Exhaust Pipes (between exhaust manifold and catalyst)
- Fuel Cap and Tank Assembly, Pump, and Fuel Lines
- Ignition System
- Intake Manifold
- On-Board Diagnostic-System Components
- Oxygen Sensors
- Positive Crankcase-Ventilation (PCV) Valve or Orifice
- Secondary Ignition Wires
- Spark Plugs
- Throttle Body
- Vacuum Hoses, Clamps, and Fittings (as well as tubing used for these components)
- Vacuum, Temperature, Altitude, Speed, and Time-Sensitive Valves, Sensors, and Switches (used in these components and systems)

B. PARTS COVERED FOR EIGHT YEARS OR 80,000 MILES

If your vehicle has one of the following parts, this Federal Emission Warranty covers that part for a period of eight years or 80,000 miles, whichever occurs first, calculated from the start of the Basic Limited Warranty as set forth in “section 2.1 E”.

These parts are:

- Catalytic Converter
- Powertrain Control Module (PCM)
- Transmission Control Module (TCM)

5.2. EMISSION PERFORMANCE WARRANTY

The Emission Performance Warranty supplements the federal warranty under “section 5.1”. It lasts for two years or 24,000 miles on the odometer, whichever occurs first. If your vehicle has one of the parts listed in “section 5.1 B”, the Federal Emission Warranty covers that part for a period of eight years or 80,000 miles, whichever occurs first. These limits are counted from the time when your Basic Limited Warranty begins under “section 2.1 E”. The Emission Performance Warranty covers the cost of repairing or adjusting any components or parts that might be needed for your vehicle to pass Federal Emission Standards for a federally approved state or local emissions test, but only if:

- Your vehicle has failed a federally approved state or local emissions test.
- Your vehicle has been maintained and operated properly up until it fails such a test.
- You face a real penalty for example, a fine or the loss of the use of your vehicle, because the vehicle has failed the test.

Refer to “section 6.4” (Getting Service Under The Federal Emission Performance Warranties), for further information on how to get service under this warranty.

6. HOW TO GET WARRANTY SERVICE

6.1. WHERE TO TAKE YOUR VEHICLE

A. IN THE UNITED STATES, WE INCLUDE US POSSESSIONS AND TERRITORIES AS PART OF THE UNITED STATES FOR WARRANTY PURPOSES

Warranty service must be done by an authorized Chrysler, Dodge, Jeep® or Ram dealer. We strongly recommend that you take your vehicle to your selling dealer. They know your vehicle best, and are most concerned that you get prompt and high quality service. If you move within the United States, warranty service may be requested from any authorized Chrysler, Dodge, Jeep® or Ram dealer.

B. IN CANADA AND MEXICO

If you are traveling temporarily in Canada or Mexico, and your vehicle remains registered in the United States, your FCA US LLC warranty still applies. Service may be requested at any authorized Chrysler, Dodge, Jeep® or Ram dealership.

C. IN A FOREIGN COUNTRY OUTSIDE OF NORTH AMERICA

If you are traveling temporarily outside of North America, and your vehicle remains registered in the United States:

- You should take your vehicle to an authorized Chrysler, Dodge, Jeep® or Ram dealer. They should give you the same warranty service you receive in the United States.
- If the authorized dealership charges you for repairs which you feel should be covered under your warranty, please get a detailed receipt for the work done. Make sure that this receipt lists all warranty repairs and parts that were involved. This receipt will be similar to the one used by the authorized dealer who normally services your vehicle.
- When your vehicle returns to the United States, contact the FCA US LLC Customer Assistance Center in “section 7.2” for reimbursement consideration. You will normally need to provide a copy of the receipt, your vehicle registration and any other relevant documents.
- Reimbursement will not be considered if the vehicle does not return to the United States.

D. IF YOU MOVE

If you move to another country, be sure to contact the FCA US LLC Customer Assistance Center in “section 7.2” and the customs department of the destination country before you move. Vehicle importation rules vary considerably from country to country. You may be required to present documentation of your move to FCA US LLC in order to continue your warranty coverage. You may also be required to obtain documentation from FCA US LLC in order to register your vehicle in your new country.

E. NOTICE

If your vehicle is registered outside of the United States, and you have not followed the procedure set out above, your vehicle will no longer be eligible for warranty coverage of any kind. Vehicles registered to United States government officials or military personnel on assignment outside of the US will continue to be covered.

6.2. HOW TO GET ROADSIDE ASSISTANCE SERVICE — US OR CANADA ONLY *

A. WHO IS COVERED

You are covered by Roadside Assistance services if you are a purchaser for use of the vehicle. Roadside Assistance services last for five years or 60,000 miles on the odometer, whichever occurs first, calculated from the start date of the Basic Limited Warranty, as set forth in “section 2.1 E”.¹

B. WHAT TO DO

If your vehicle requires jump start assistance, out of gas/fuel delivery, tire service, lockout service or towing as a result of a mechanical breakdown, call 800-521-2779 for assistance.

Provide your name, Vehicle Identification Number (VIN), license plate number, and your location, including the telephone number from which you are calling. Briefly describe the nature of the problem and answer a few simple questions.

You will be given the name of the service provider and an estimated time of arrival. If you feel you are in an “unsafe situation”, please let us know. With your consent, we will contact local police or safety authorities.

1. * Towing services provided through Cross Country Motor Club, Inc., Medford, MA 02155, except in AK, CA, HI, OR, WI, and WY, where services are provided by Cross Country Motor Club of California, Inc., 275 East Hillcrest Drive, Suite 165 Thousand Oaks, CA 91360.

C. COVERED SERVICES

Flat Tire Service

If you are inconvenienced by a flat tire, we will dispatch a service provider to use your vehicle's temporary spare tire (if equipped) as recommended in your Owner's Manual. This is not a permanent flat tire repair.

Out of Gas/Fuel Delivery

Drivers cannot always count on a gas station being nearby, especially when traveling away from home. We will dispatch a service provider to deliver a small amount of fuel (maximum two gallons) to get you to a nearby station.

Battery Jump Assistance

No time is a good time for a depleted battery, but with Roadside Assistance, you do not have to worry about being stranded. We will dispatch a service provider to provide you with a battery jump any time, day or night.

Lockout Service

Whether the keys are locked in your vehicle or frozen locks are keeping you from getting on your way, Roadside Assistance can assist you. This service is limited to providing access to the vehicle's seating area. It does not cover the cost of replacement keys.

Towing Service

Our towing service gives you peace of mind and confidence. If your vehicle becomes disabled as a result of a mechanical breakdown, Roadside Assistance will dispatch a towing service provider to transport your vehicle to the closest authorized Chrysler, Dodge, Jeep® or Ram dealer. If you choose to go to another dealership, you will be responsible for the cost if the extra distance exceeds 10 miles.

D. IF UNABLE TO CONTACT ROADSIDE ASSISTANCE

If you are unable to contact Roadside Assistance and you obtain towing services on your own, you may submit your original receipts from the licensed towing or service facility, for services rendered within 30 days of the occurrence. Be sure to include your Vehicle Identification Number (VIN), odometer mileage at the time of service and current mailing address. We will process the claim based on vehicle and service eligibility. If eligible, we will reimburse you for the reasonable amounts you actually paid, based on the usual and customary charges for that service in the area where they were provided. FCA US LLC's determination relating to reimbursement are final. Correspondence should be mailed to:

FCA US LLC Customer Assistance Center

P.O. Box 9145

Medford, MA 02155

Attention: Claims Department

6.3. EMERGENCY WARRANTY REPAIRS

If you have an emergency and have to get a warranty repair made by someone other than an authorized Chrysler, Dodge, Jeep® or Ram dealer, follow the reimbursement procedure in “section 6.1 C”.

6.4. GETTING SERVICE UNDER THE FEDERAL EMISSION PERFORMANCE WARRANTIES

A. WHAT TO DO

If your vehicle has failed an emissions test described in “section 5.2”:

- Take it to an authorized Chrysler, Dodge, Jeep® or Ram dealer as soon as possible.
- Give the service representative the printout showing that your vehicle failed the test.
- If possible, bring all service receipts, maintenance logs, and records proving that your vehicle has been properly maintained, since you may be required to show them.

B. FURTHER STEPS YOU CAN TAKE, AND HOW TO GET MORE INFORMATION

If you think an authorized dealer has wrongly denied you emission warranty coverage, follow the recommended instructions described in “section 7.1”. FCA US LLC will reply to you in writing within 30 days after receiving your complaint (or within the time limit required by local or state law). If the owner is not notified within 30 days that an emission warranty claim is denied, FCA US LLC must repair the vehicle free of charge.

If you want more information about getting service under the Federal Emission Warranty or the Emission Performance Warranty, or if you want to report what you think is a violation of these warranties, you can contact:

Manager, Certification and Compliance

Division Warranty Claims

Environmental Protection Agency

1200 Pennsylvania Avenue, NW

Mail Code 6403J

Washington, D.C. 20460

7. HOW TO DEAL WITH WARRANTY PROBLEMS

7.1. STEPS TO TAKE

A. IN GENERAL

Normally, warranty problems can be resolved by an authorized dealer's sales or service departments. That is why you should always talk to an authorized dealer's service manager or sales manager first. If you are not satisfied with an authorized dealer's response to your problem, FCA US LLC recommends that you discuss your problem with the owner or general manager of the authorized dealer.

If an authorized dealer still cannot resolve the problem, contact the FCA US LLC Customer Assistance Center listed in "section 7.2".

B. WHAT FCA US LLC WILL DO

Once you have followed the recommended instructions described in "section 7.1 A", an FCA US LLC representative at FCA US LLC headquarters will review your situation. If it is something that FCA US LLC can help you with, FCA US LLC will provide an authorized dealer with all the information and assistance necessary to resolve the problem. Even if FCA US LLC cannot help you, FCA US LLC will acknowledge your contact and explain FCA US LLC's position.

C. IF YOUR PROBLEM STILL IS NOT RESOLVED FOR CUSTOMERS RESIDING IN ARKANSAS, IDAHO, KENTUCKY, MINNESOTA AND MONTANA ONLY

If you cannot resolve your warranty problem after following the recommended instructions described in “section 7.1 A”, and you live in Arkansas, Idaho, Kentucky, Minnesota or Montana ONLY, you can contact the FCA US LLC Customer Arbitration Process (CAP) in your area.

You may obtain a brochure describing FCA US LLC's CAP, including an application, by calling 800-247-9753 for assistance.

This service is strictly voluntary, and you may submit your dispute directly to the CAP at no cost. The CAP is administered by an independent dispute settlement organization and may be contacted in writing at the following address:

National Center for Dispute Settlement
FCA US LLC's Customer Arbitration
P.O. Box 515315
Dallas, TX 75251-5315

The CAP reviews only vehicle disputes involving FCA US LLC (“FCA US”) Limited Warranty or an FCA US LLC/Mopar® Part Limited Warranty. The CAP does not review disputes involving the sale of a new or used vehicle, personal injury/property damage claims, disputes relating to design of the vehicle or part, or disputes which are already the subject of litigation.

The CAP will need the following information from you:

1. Legible copies of all documents and repair orders relevant to your case.
2. Vehicle Identification Number (VIN) of your vehicle.
3. A brief description of your unresolved concern.
4. The identity of your servicing/selling dealer.
5. The date(s) of repair(s) and mileage at the time.
6. Current mileage on the vehicle.
7. A description of the action you expect to resolve your concern.

Upon receipt of your request:

- The National Center for Dispute Settlement (NCDS) will acknowledge receipt of your request, by mail, within 10 days, and advise you whether or not your dispute is within the jurisdiction of the process.
 - When your request is within jurisdiction, NCDS will request FCA US LLC and the dealer to present their side of the dispute. You will receive copies of their responses.
 - While your dispute is pending, NCDS or FCA US LLC may contact you to see if your case can be settled by agreement. If a settlement is offered to you, FCA US LLC will ask you to sign a form that contains that settlement. Your case will then be closed. There is no requirement for you to participate in this settlement process.
 - If you requested an oral hearing, a decision-maker will contact you to arrange a convenient time and place for a hearing. Usually, this will be at a dealership near you.
 - If you request a documents-only review, a NCDS panel will review and decide your case. Neither you, the dealer nor FCA US LLC need be present.
 - NCDS will send you a written Statement of Decision. This statement will include the decision, any action to be taken by the dealer or FCA US LLC and the time by which the action must be taken. The decision will be binding on the dealer and FCA US LLC but not on you unless you accept the decision.
- If any action is required on the part of the dealer or FCA US LLC you will be contacted within 10 days after the date by which the dealer or FCA US LLC must act to determine whether performance has been rendered.
 - The entire dispute settlement process will normally take no longer than 40 days.
 - The CAP dispute settlement procedure does not take the place of any state or Federal legal remedies available to you. Whether or not you decide to submit your dispute to the process, you are free to pursue other legal remedies.

D. NOTICE UNDER STATE LEMON LAWS

Some states have laws allowing you to get a replacement vehicle or a refund of the vehicle's purchase price under certain circumstances. These laws vary from state to state. If your state law allows, FCA US LLC requires that you first notify us in writing of any service difficulty that you may have experienced so that we can have a chance to make any needed repairs before you are eligible for remedies provided by these laws. In all other states, we ask that you give us written notice of any service difficulty. Send your written notice to the FCA US LLC Customer Assistance Center at the address in "section 7.2".

7.2. HELPFUL ADDRESSES AND TELEPHONE NUMBERS

Here are the addresses and telephone numbers of the FCA US LLC Customer Assistance Centers that can help you wherever you happen to be. Contact the one that covers your area:

- **In the United States:**

- **FCA US LLC Customer Assistance Center**

- P.O. Box 21-8004

- Auburn Hills, Michigan 48321-8004

- Phone: 800-247-9753

- **To contact FCA US LLC by email**

- Select the “Contact Us” button on www.chrysler.com

- **In Canada:**

- **FCA Canada Inc. Customer Service**

- P.O. Box 1621

- Windsor, Ontario N9A-4H6

- Phone (English): 800-465-2001

- Phone (French): 800-387-9983

- **In Mexico:**

- **Customer Relations Office**

- Prolongación Paseo de la Reforma 1240

- Santa Fe, Cuajimalpa CP 05348

- Ciudad de México

- Phone (in Mexico): 800-505-1300

- Phone (outside Mexico): 011 (52) 55 5081 7568

- **In Puerto Rico and US Virgin Islands:**

- **FCA Caribbean LLC Customer Service**

- Box 191857

- San Juan, Puerto Rico 00919-1857

- Phone: 800-247-9753

- Fax: 787-782-3345

8. OPTIONAL SERVICE CONTRACT

Mopar® Vehicle Protection plans offer valuable protection against repair costs when these warranties no longer apply. They complement but do not replace the warranty coverages outlined in this booklet. A variety of plans are available, covering various time-and-mileage periods and various groups of the vehicle's mechanical components.

Mopar® Vehicle Protection plans are the **ONLY** vehicle extended protection plans authorized, endorsed and backed by FCA US LLC to provide additional protection beyond your vehicle's warranty. Look for our brand logo and ask an authorized dealer for details.



**VEHICLE
PROTECTION**

A PRODUCT OF FCA US LLC

9. MAINTENANCE

9.1. GENERAL INFORMATION

It is your responsibility to properly maintain and operate your new vehicle. Follow the instructions contained in the General and Scheduled Maintenance Service guidelines in your Owner's Manual. Regular, scheduled maintenance is essential to trouble-free operation. If there is a dispute between you and FCA US LLC concerning your maintenance of your vehicle, FCA US LLC will require you to provide proof that your vehicle was properly maintained.

For your convenience, FCA US LLC has prepared a Maintenance Schedule with routine service intervals which is included in your Owner's Manual. It is essential to follow these required maintenance intervals for safe trouble-free operation.

9.2. WHERE TO GO FOR MAINTENANCE

FCA US LLC recommends that you return to the authorized dealer from whom you bought your vehicle for all maintenance service both during and after the warranty periods. Although you can get warranty service from any authorized dealer who sells your particular make, returning to your selling authorized dealer will help ensure that all your service needs are met and that you are completely satisfied. The dealership technicians are specifically trained to perform maintenance and repair procedures on your vehicle.

Authorized Chrysler, Dodge, Jeep® or Ram dealers will help ensure that all your service needs are met and that you are completely satisfied. FCA US LLC strongly recommends you use genuine FCA US LLC/Mopar® parts to maintain your vehicle.

CHRYSLER



2022 Chrysler Voyager LX



Chrysler of Forest City





Prepared For:

Prepared By:
Administrator
Chrysler of Forest City
1445 Hwy 69 S
Forest City, Iowa, 50436

VEHICLE OVERVIEW

2022 Chrysler Voyager

Passenger Van LX (RUCL53)

Powertrain

3.6L V-6 DOHC SMPI 24 valve engine with VVT variable valve control, cylinder deactivation * 180 amp alternator * 650 amp battery with run down protection, auxiliary battery * Engine oil cooler, transmission oil cooler * 9-speed electronic automatic transmission with overdrive, lock-up * Front-wheel drive * ABS & driveline traction control * 3.25 axle ratio * Stainless steel exhaust

Steering and Suspension

Electric power-assist rack and pinion steering * 4-wheel disc brakes with front vented discs * Touring ride suspension, with electronic stability * Independent front suspension * Front strut suspension * Front anti-roll bar * Front coil springs * Gas-pressurized front shocks * Rear independent suspension * Rear trailing arm suspension * Rear coil springs * Gas-pressurized rear shocks * Front and rear 17.0" x 7.00" silver aluminum wheels * P235/65HR17.0 BSW AS front and rear tires * Underbody w/crankdown mounted compact steel spare wheel

Safety

4-wheel anti-lock braking system * Daytime running lights, center high mounted stop light * Dual airbags, seat mounted driver and passenger side-impact airbags, curtain 1st, 2nd and 3rd row overhead airbag, airbag occupancy sensor, driver and passenger knee airbag * Front and rear height adjustable seatbelts with front pre-tensioners * Sentry Key immobilizer, panic alarm, security system

Comfort and Convenience

Automatic dual zone front air conditioning, rear HVAC with separate controls, air filter, underseat ducts, headliner/pillar ducts * SiriusXM AM/FM/Satellite, clock, seek-scan, Uconnect 5 external memory control, 6 speakers, Siri Eyes Free voice activation, speed sensitive volume, Bluetooth streaming audio, active noise cancellation, integrated roof antenna, radio steering wheel controls * 2 1st row LCD monitors * Cruise control with steering wheel controls * Power door locks with 2 stage unlock, keyfob (all doors) keyless entry, power remote cargo access release, child safety rear door locks, tailgate/rear door lock included with power door locks * 2 12V DC power outlets, trunk/hatch auto-latch, driver foot rest, retained accessory power, Bluetooth wireless phone connectivity * Analog instrumentation appearance includes tachometer, oil pressure gauge, engine temperature gauge, voltmeter gauge, oil temperature gauge, transmission fluid temp gauge, compass, exterior temp, systems monitor, redundant digital speedometer, camera(s) - rear camera, trip computer, trip odometer * Warning indicators include oil pressure, engine temperature, battery, lights on, key, low fuel, low washer fluid, door ajar, rear cargo ajar, service interval, brake fluid, turn signal on, tire specific low tire pressure, transmission fluid temp * TechnoLeather leatherette steering wheel with tilt and telescopic adjustment * Power front and rear windows with deep tint, driver and passenger 1-touch down, fixed rearmost windows * Variable intermittent front windshield wipers, fixed interval rear

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VEHICLE OVERVIEW Continued

Comfort and Convenience (Continued)

wiper, rear window defroster * Dual illuminated vanity mirrors * Day-night rearview mirror * Interior lights include dome light with fade, front reading lights, illuminated entry * Partial floor console with storage, mini overhead console with storage, conversation mirror, locking glove box, front and rear cupholders, instrument panel bin, interior concealed storage, 2 seat back storage pockets, driver and passenger door bins, rear door bins * Carpeted cargo floor, plastic trunk lid/rear cargo door, carpet mat, cargo tie downs, cargo light, cargo concealed storage

Seating and Interior

Seating capacity of 7 * Bucket front seats with driver and passenger heated-cushion, driver and passenger heated-seatback, adjustable head restraints with tilt, driver and passenger armrests * 8-way adjustable (8-way power) driver seat includes power 4-way lumbar support * 4-way adjustable passenger seat * Bucket 2nd row seat with fold forward seatback, reclining fold into floor, 2 fixed rear head restraints, armrest mounted outboard only * 3rd row seat 60-40 folding split-bench fold into floor with reclining fold into floor, 3 fixed 3rd row head restraints * Cloth faced front seats with cloth back material * Cloth faced rear seats with plastic back material * Cloth faced 3rd row seats with carpet back material * Full cloth headliner, full carpet floor covering with carpet front and rear floor mats, colored instrument panel insert, metal-look gear shifter material, colored door panel insert, piano black console insert, piano black/metal-look interior accents

Exterior Features

Rear lip spoiler, side impact beams, front license plate bracket, galvanized steel/aluminum body material * Chrome side window moldings * Body-colored door handles * Black w/chrome surround grille * 4 doors with power sliding rear driver's side door, power sliding rear passenger's side door power liftgate rear cargo door * Driver and passenger power remote body-colored heated folding outside mirrors * Front and rear body-colored bumpers * Aero-composite halogen auto on/off headlamps with multiple headlamps, delay-off feature * Clearcoat monotone paint

Warranty

Basic	36 month/36,000 miles	Powertrain	60 month/60,000 miles
Corrosion Perforation	60 month/unlimited mileage	Roadside Assistance	60 month/60,000 miles

Dimensions and Capacities

Output	287 hp @ 6,400 rpm	Torque	262 lb.-ft. @ 4,000 rpm
Drag coefficient	0.30	1st gear ratio	4.710
2nd gear ratio	2.840	3rd gear ratio	1.910
4th gear ratio	1.380	5th gear ratio	1.000
6th gear ratio	0.810	7th gear ratio	0.700
8th gear ratio	0.580	9th gear ratio	0.480
Reverse gear ratio	3.810	City/hwy	19 mpg/28 mpg
Curb weight	4,330 lbs.	GVWR	6,055 lbs.
Towing capacity	3,600 lbs.	Front legroom	41.1 "
Rear legroom	39.0 "	Third legroom	36.5 "
Front headroom	40.1 "	Rear headroom	39.6 "

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VEHICLE OVERVIEW Continued

Dimensions and Capacities (Continued)

Third headroom	38.7 "	Front hiproom	59.0 "
Rear hiproom	64.8 "	Third hiproom	49.5 "
Front shoulder room	63.8 "	Rear shoulder room	63.0 "
Third shoulder room	61.2 "	Passenger area volume	165.0 cu.ft.
Length	203.8 "	Body width	79.6 "
Body height	69.9 "	Wheelbase	121.6 "
Front track	68.3 "	Rear track	68.3 "
Turning radius	19.8 '	Fuel tank	19.0 gal.
Interior cargo volume	32.3 cu.ft.	Interior cargo volume seats folded	87.5 cu.ft.
Interior maximum cargo volume	140.5 cu.ft.		

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Prepared For:

Prepared By:
Administrator
Chrysler of Forest City
1445 Hwy 69 S
Forest City, Iowa, 50436

SELECTED EQUIPMENT 2022 Chrysler Voyager

Passenger Van LX (RUCL53)

MSRP

RUCL53	Base Vehicle Price (RUCL53)	STD	32,115.00
	Emissions		
NAS	50 State Emissions	OPT	N/C
	Packages		
27E	Quick Order Package 27E	OPT	N/C
	Powertrain		
ERC	Engine: 3.6L V6 24V VVT UPG I w/ESS	STD	N/C
DFH	Transmission: 9-Speed 948TE Automatic	STD	N/C
STDAX	3.25 Axle Ratio	STD	N/C
Z1A	GVWR: 6,055 lbs	STD	N/C
	Wheels & Tires		
TMK	Tires: 235/65R17 BSW AS	STD	N/C
WFN	Wheels: 17" x 7" Aluminum	STD	N/C
	Seats & Seat Trim		
H7	Cloth Bucket Seats	STD	N/C
CEQ	Black Seats	OPT	N/C
	Other Options		
APA	Monotone Paint Application	STD	N/C
UBC	Radio: Uconnect 5 w/7" Display	STD	N/C

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SELECTED EQUIPMENT Continued

			MSRP
SDC	Touring Suspension Interior Colors For : Primary w/LX	STD	N/C
X7	Black/Alloy/Black Primary Colors For : Primary w/LX	OPT	N/C
PW7	Bright White Clearcoat	OPT	N/C
Vehicle Subtotal			\$32,115.00
Destination			\$1,495.00
Vehicle Subtotal (including Destination)			\$33,610.00

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Prepared For:

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1445 Hwy 69 S
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DIMENSIONS & CAPACITIES

2022 Chrysler Voyager

Passenger Van LX (RUCL53)

Output	287 hp @ 6,400 rpm
Torque	262 lb.-ft. @ 4,000 rpm
Drag coefficient	0.30
1st gear ratio	4.710
2nd gear ratio	2.840
3rd gear ratio	1.910
4th gear ratio	1.380
5th gear ratio	1.000
6th gear ratio	0.810
7th gear ratio	0.700
8th gear ratio	0.580
9th gear ratio	0.480
Reverse gear ratio	3.810
City/hwy	19 mpg/28 mpg
Curb weight	4,330 lbs.
GVWR	6,055 lbs.
Towing capacity	3,600 lbs.
Front legroom	41.1 "
Rear legroom	39.0 "
Third legroom	36.5 "
Front headroom	40.1 "
Rear headroom	39.6 "
Third headroom	38.7 "
Front hiproom	59.0 "
Rear hiproom	64.8 "
Third hiproom	49.5 "
Front shoulder room	63.8 "
Rear shoulder room	63.0 "
Third shoulder room	61.2 "
Passenger area volume	165.0 cu.ft.
Length	203.8 "
Body width	79.6 "
Body height	69.9 "
Wheelbase	121.6 "

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DIMENSIONS & CAPACITIES Continued

Front track	68.3 "
Rear track	68.3 "
Turning radius	19.8 '
Fuel tank	19.0 gal.
Interior cargo volume	32.3 cu.ft.
Interior cargo volume seats folded	87.5 cu.ft.
Interior maximum cargo volume	140.5 cu.ft.

The information contained in this package is provided to assist in assessing our vehicles and is for your information only. Prices and content information shown are subject to change and should be treated as estimates only. Information on the comparison vehicle is derived from available public sources and may not be completely current or accurate. No representations, warranties or guarantees are given in the information. Neither Chrysler nor the dealer will be liable for any reliance on the contents hereof. Please see salesperson for the most current information and other details. Actual pricing may vary. Reference DX05103297 8/23/2021

2022 Chrysler Voyager Passenger Van LX (RUCL53)

Engine: 3.6L V6 24V VVT UPG I w/ESS
Transmission: 9-Speed 948TE Automatic

Exterior (0 P) Bright White Clearcoat
Interior (0 I) Black/Alloy/Black



Standard Equipment

Items Featured Below are included at NO EXTRA CHARGE in the Standard Vehicle Price Shown at Right

- 3.6L V-6 DOHC w/SMPI 287hp
- 9 speed automatic trans w/OD
- 4-wheel ABS
- Brake assistance
- Traction control
- P235/65R17 BSW H-rated tires
- Battery with run down protection
- Touring suspension
- Electronic stability
- Automatic air conditioning
- AM/FM SiriusXM satellite radio
- Daytime running lights
- Rear child safety locks
- 60-40 folding 3rd row split-bench seats
- Dual power remote heated mirrors
- Variable intermittent wipers
- Silver aluminum wheels
- Dual front airbags
- Driver & front passenger seat mounted side airbags
- Airbag occupancy sensor
- Sentry Key immobilizer
- Rear window defogger
- Tachometer
- Trip computer
- Underseat ducts
- Heated reclining front bucket seats
- 2nd row bucket seat

STANDARD VEHICLE PRICE

\$32,115.00

OPTIONAL EQUIPMENT

50 State Emissions	N/C
Quick Order Package 27E	N/C
Engine: 3.6L V6 24V VVT UPG I w/ESS	STD
Transmission: 9-Speed 948TE Automatic	STD
3.25 Axle Ratio	STD
GVWR: 6,055 lbs	STD
Tires: 235/65R17 BSW AS	STD
Wheels: 17" x 7" Aluminum	STD
Cloth Bucket Seats	STD
Black Seats	N/C
Radio: Uconnect 5 w/7" Display	STD
Touring Suspension	STD
Interior : Black/Alloy/Black	N/C
Primary : Bright White Clearcoat	N/C

CITY MPG
19



HIGHWAY MPG
28

SUBTOTAL **\$32,115.00**

Destination **\$1,495.00**

TOTAL **\$33,610.00**

Limited Warranty



BraunAbility®

Braun Public Use - Lowered Floor Wheelchair Accessible Vehicle

IMPORTANT

This booklet contains BraunAbility® limited warranties.
It should be kept in your vehicle and presented to your Dealer
if any warranty service is needed.

WARRANTY AND REGISTRATION INSTRUCTIONS

Examine your lowered floor minivan conversion for any damage. Should any damage have occurred during delivery, notify the carrier at once with any claims.

Review the service agreement, delivery checklist and warranty registration form with your sales representative. The form must be signed by the consumer and retailer. A hard copy is available upon request.

The warranty registration form must be processed electronically by the sales representative to activate the warranty. This Warranty Booklet contains detailed terms and provisions applicable to this vehicle.

Record the last eight digits of the vehicle identification number (VIN) in the space provided for future reference. This information must be provided when filing a warranty claim or ordering parts.

BraunAbility **Mobility Conversion Service Agreement**
Better Life is a Moving Experience™ **Vehicle Delivery Checklist**
Warranty Registration

Customer Name _____
Address _____
City _____ State _____ ZIP _____
Dealer Name _____

THE BRAUN CORPORATION MOBILITY CONVERSION SERVICE AGREEMENT

The information provided in this form is for the service representative to use to document delivery information and to activate the warranty of this vehicle. This information should be provided to the representative at the time of delivery. The information provided in this form is for the representative to use to document delivery information and to activate the warranty of this vehicle. This information should be provided to the representative at the time of delivery. The information provided in this form is for the representative to use to document delivery information and to activate the warranty of this vehicle. This information should be provided to the representative at the time of delivery.

WARRANTY REGISTRATION

Vehicle Identification Number (VIN) _____

VEHICLE IDENTIFICATION NUMBER (VIN)

I acknowledge and accept Agreement _____
I agree to provide my own maintenance and repair services _____

Vehicle Identification Number (VIN) _____

LIMITED WARRANTY

WARRANTY COVERAGE AND WARRANTY COVERAGE TIME PERIODS

The BraunAbility® (“Braun”) warranty covers Braun’s modifications and alterations for associated parts for three (3) years or the first thirty six thousand (36,000) miles, whichever occurs first. In addition, the corrosion protection portion of this warranty applies to covered parts (see below) for 5 years or 100,000 miles, whichever occurs first. The 3 year/36,000 mile limited warranty covers substantial defects in materials and workmanship attributable to Braun of the conversion van frame, floor structural components, ramp, door and associated structural components, electrical components, including but not limited to switches, wires, connectors and the controller and interior appearance items such as floor covering and the lower door extension assemblies. The corrosion warranty covers substantial defects in materials and workmanship attributable to Braun of the metal fabrication on or of the frame, floor and lower door extensions. These warranty periods begin on the date that the product is delivered to the first retail purchaser by an independent, authorized dealer of Braun, or, if the dealer places the product into any type of service prior to retail sale, on the date the dealer first places the product in such service.

This limited warranty applies to the first consumer purchaser, and the next subsequent owner, only. This limited warranty may be transferred once during the warranty period. However, the subsequent owner must submit a warranty transfer form to Braun to make the warranty transfer effective. All rights and limitations within this warranty are applicable to the original and subsequent owner of the product. The subsequent owner’s warranty coverage period is the remaining balance of the warranty coverage period that the prior owner was entitled to under this limited warranty. Warranty transfer forms can be obtained from any independent, authorized dealer, which must be submitted to Braun within thirty (30) days from the subsequent owner’s purchase, and proof of the purchase date must be supplied with the form.

WHAT BRAUN WILL DO TO CORRECT PROBLEMS

In the event that a substantial defect in material or workmanship, attributable to Braun, is found to exist during the warranty coverage periods, it will be repaired or replaced, at Braun's option, without charge to the owner, in accordance with the terms, conditions and limitations of this limited warranty.

Braun's obligation to repair or replace defective materials or workmanship is the sole obligation of Braun under this limited warranty. Braun reserves the right to use new or remanufactured parts of similar quality to complete any work, and to make parts and design changes from time to time without notice to anyone. Braun reserves the right to make changes in the design or material of its products without incurring any obligation to incorporate such changes in any previously manufactured product. Braun makes no warranty as to the future performance of this product, and this limited warranty is not intended to extend to the future performance of the product. In addition, the owner's obligation to notify Braun, or one of its authorized, independent dealers, of a claimed defect does not modify any obligation placed on the owner to contact Braun directly when attempting to pursue remedies under state or federal law.

LIMITED WARRANTY

LIMITATIONS, EXCLUSIONS AND DISCLAIMER OF IMPLIED WARRANTIES

ANY IMPLIED WARRANTY THAT IS FOUND TO ARISE BY WAY OF STATE OR FEDERAL LAW, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR ANY IMPLIED WARRANTY OF FITNESS, IS LIMITED IN DURATION TO THE TERMS OF THIS LIMITED WARRANTY AND IS LIMITED IN SCOPE OF COVERAGE TO THE SCOPE OF COVERAGE OF THIS LIMITED WARRANTY. Braun disclaims any express or implied warranty, including any implied warranty of fitness or merchantability, on items excluded from coverage as set forth in this limited warranty. Braun makes no warranty of any nature beyond that contained in this limited warranty. No one has authority to enlarge, amend or modify this limited warranty, and Braun does not authorize anyone to create any other obligation for it regarding this product. Braun is not responsible for any representation, promise or warranty made by any independent dealer or other person beyond what is expressly stated in this limited warranty. Any selling or servicing dealer is not Braun's agent, but an independent entity.

BRAUN SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES THAT MAY RESULT FROM BREACH OF THIS LIMITED WARRANTY OR ANY IMPLIED WARRANTY. THIS EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES SHALL BE INDEPENDENT OF ANY FAILURE OF THE ESSENTIAL PURPOSE OF ANY WARRANTY, AND THIS EXCLUSION SHALL SURVIVE ANY DETERMINATION THAT THIS LIMITED WARRANTY OR ANY IMPLIED WARRANTY HAS FAILED OF ITS ESSENTIAL PURPOSE. This warranty does not cover, and in no event shall Braun be liable for towing charges, travel, lodging, or any other expense incurred due to the loss of use of the product or other reason.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

HOW TO GET SERVICE

To obtain warranty service the owner must do all of the following:

1. Notify an authorized service center, of the claimed defect attributable to Braun, within the warranty coverage period designated above;
2. Provide the notification mentioned in (1), above, within ten (10) days of when the owner discovered, or should have discovered, the claimed defect;
3. Promptly schedule an appointment with and take the product to an authorized service center for service; and
4. Pay any transportation costs and all expenses associated with obtaining warranty service.

Since Braun does not control the scheduling of service work at the independent dealerships you may encounter some delay in scheduling or completion of work. If you need assistance you may contact Braun, at 631 West 11th Street, Winamac, Indiana 46996; Customer Experience Group 1-800-488-0359.

If two (2) or more service attempts have been made to correct any covered defect that you believe impairs the value, use or safety of the product, or if it has taken longer than thirty (30) days for repairs to be completed, you must, to the extent permitted by law, notify Braun directly, in writing, at the above address, of the unsuccessful repair(s) of the alleged defect(s) so that Braun can become directly involved in providing service pursuant to the terms of this limited warranty.

LIMITED WARRANTY

WHAT IS NOT COVERED

This Limited Warranty does not cover any of the following: defects in materials, components or parts of the product not attributable to Braun, any material, component or part of the product that is warranted by another entity (Note: the written warranty provided by the manufacturer of the material, component or part is the direct responsibility of that manufacturer); items that are added or changed after the product leaves Braun's possession; additional items installed at any dealership, or other place of business, or by any other party, other than Braun; normal wear, tear, usage, maintenance, service, periodic adjustments, the effects of condensation or moisture from condensation; mold or any damage caused by mold; imperfections that do not affect the product for its intended purpose; items that are working as designed but that you are unhappy with; problems related to mis-operation, misuse, mishandling, neglect or abuse, including failure to maintain the product in accordance with the owner's manual, or other routine maintenance such as inspections, lubricating, adjustments, tightening of screws, sealing, wheel alignments or rotating tires; damage due to accident or collision, including any acts of weather or damage or corrosion due to the environment; theft, vandalism, fire, or other intervening acts not attributable to Braun; damage resulting from tire wear or tire failure; defacing, scratches, dents or chips on any interior or exterior surface of the product, including those caused by rocks or other road hazards, damage caused by off road use, overloading or alteration of the product, or any of its components or parts;

Defects and/or damage to interior and exterior surfaces and other appearance items may occur at the factory or when the product is in transit to a dealer. These items are usually detected and corrected at the factory or by the selling dealer prior to delivery to the retail customer. You must inspect the product for this type of damage when you take delivery. If you find any such defect or damage you must notify the selling dealer, or Braun, at the time of delivery to have these items covered by this limited warranty and to have work performed on the items at no cost to you as provided by this limited warranty.

EVENTS DISCHARGING BRAUN FROM OBLIGATION UNDER WARRANTY

The following shall completely discharge Braun from any express or implied warranty obligation to repair or replace anything and void this warranty: any rental or other commercial use or purchase of the product (as defined in this warranty), misuse, neglect, collision, accidents, failure to provide routine maintenance (See Owner's Manual), unauthorized alteration, off road use, damage from weather or the environment, theft, vandalism, tampering, fire, explosions, overloading the product and odometer tampering.

LEGAL REMEDIES

Any action to enforce any portion of this limited warranty, or any implied warranty, must be commenced within six (6) months after expiration of the warranty coverage period designated above or the action will be barred because of the passage of time. Any performance of repairs shall not suspend this limitation period from expiring. Any performance of repairs after the warranty coverage period has expired, or performance of repairs regarding any thing excluded from coverage under this limited warranty shall be considered "good will" repairs, and they will not alter the terms of this limited warranty, or extend any warranty coverage period or the filing limitation period in this paragraph. In addition, since it is reasonable to expect that the product will need some service during the warranty period, this warranty does not extend to future performance. It only sets forth what Braun will do and does not guarantee anything about the product for any time period. Nothing in this warranty, or any action of Braun, or any agent of Braun, shall be interpreted as an extension of any warranty period or the filing limitation period in this paragraph. Some states do not allow a reduction in the statute of limitations, so this reduction may not apply to you.

LIMITED WARRANTY

WARRANTY REGISTRATION and MISCELLANEOUS

Your warranty registration records should be completed and delivered to the appropriate companies, including the Braun Delivery Checklist & Warranty form. That form must be returned to Braun within twenty (20) days of purchase. The Braun warranty will not be registered unless this warranty registration is completed and received by Braun. Failure to file this warranty registration with Braun will not affect your rights under this limited warranty as long as you can present proof of purchase, but it can cause delays in obtaining the benefits of this limited warranty, and it changes the start date of the warranty to the date of final assembly of the product by Braun.

Braun agrees to repair or replace any of its factory installed parts found to have substantial defects within the appropriate warranty period designated above, provided that the repair is authorized by Braun and carried out by an authorized service center (a Braun labor schedule determines the cost allowance for repairs). Braun will not honor any warranty claim for repairs or replacement of parts unless the claim is submitted with the appropriate paperwork, and the work is completed by an independent, factory authorized service center. The appropriate paperwork can be obtained by written or phone contact with Braun at the contact information in this warranty.

Braun reserves the right to designate where any warranty work can be performed. Braun also reserves the right to examine any defective workmanship or part prior to giving any authorization for warranty work. Braun's return authorization procedure must be adhered to in order to process any warranty claims.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.



Introducing the **New Commercial Side-Entry** **Built on the Chrysler Voyager**



 **BraunAbility**[®]



The Commercial Side-Entry wheelchair accessible vehicle has been a cost-effective, workhorse product for paratransit providers and transportation services. Leveraging almost 50 years of experience in mobility transportation solutions, BraunAbility introduces with the newest addition to the Commercial fleet, the Chrysler Voyager. The side-entry foldout has all the ADA-compliant features of the Dodge Grand Caravan but with 15% more cabin space for easier maneuverability, more seating positions, plus enhanced space at the toe pan for wheelchair footrests. The new conversion also features the much more durable thermoplastic (TPO) front, side and rear flares to absorb minor impacts while protecting the exterior look of the vehicle. An LED spotlight package for the ramp and cabin as well as an easy access footrest for rear seating adds to the overall ease of use for both operators and passengers.

- **15% more cabin space vs. Dodge Grand Caravan**
- **Seating for up to 7 ambulatory*; up to 2 wheelchair positions**
- **Added space at front for wheelchair passenger footrests**
- **Hard-wearing TPO front, side and rear flares to absorb minor impacts**
- **Reinforced, heavy-duty swing-out ramp and latch**
- **Enhanced ADA lighting package**

* With optional aftermarket 2nd row 2-passenger folding bench seat



braunability.com/commercial

800.488.0359

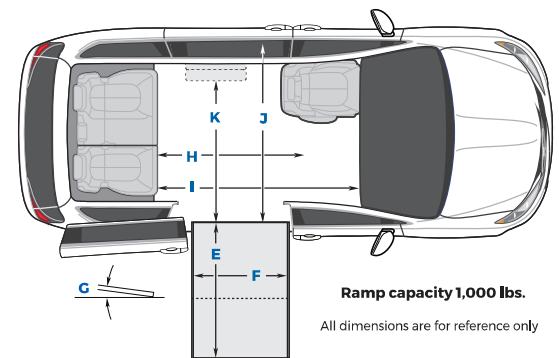
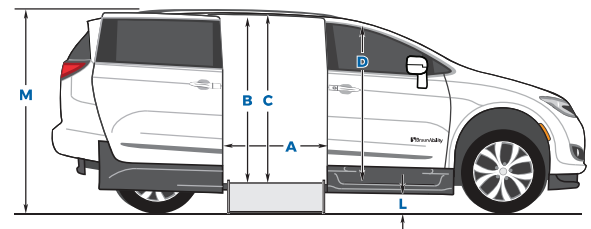


Voyager Commercial Side-Entry



Standard Features

- ADA, FMVSS and CMVSS Compliant
- CARB approved
- 7-passenger vehicle (with optional aftermarket 2nd row 2-passenger folding bench seat)
- Lowered floor from toepan to rear axle
- 60" floor-to-ceiling at center of van
- 30" wide manual ramp with 1,000 lb capacity and swing out feature for ambulatory access
- Multiple wheelchair securement locations
- One wheelchair securement system
- Manual driver and passenger side sliding door providing 56" vertical opening (ADA compliant), passenger door provides clear opening width of 31" (excluding OEM grab handle)
- Step-and-Roll removable front passenger seat
- 3-passenger bench seat at rear with folding footrest
- Front passenger floor tracks for wheelchair securement, with 60" floor-to-ceiling height
- TPO plastic lower body panels with integrated steps
- Vinyl flooring with 3/8" underlayment, a thermoplastic honeycomb panel subfloor
- ADA-compliant park interlock
- ADA-compliant ramp and door entrance lighting
- Priority seating and wheelchair securement location decals
- Auxiliary wiring harnesses include fused circuits
- Emergency rear hatch release
- Easy maintenance interior trim package
- 19 gallon OEM fuel tank



Optional Features

- Aftermarket 2nd row 2-passenger folding bench seat
- DOT kit
- Additional set of tie-down straps

Dimensions

Door opening usable width (excluding OEM grab handle)	A	31"
Door opening usable height (at middle of door)	B	56"
Interior height at center of vehicle	C	60"
Interior height at driver and passenger position	D	60"
Ramp length	E	52"
Ramp width (usable clear opening)	F	30"
Ramp angle*	G	13.75°
Interior floor length (behind front seat strikers)	H	71"
Overall interior floor length (flat area)	I	98.5"
Interior width at passenger doors (doors closed)	J	64"
Interior width - ramp (deployed) to optional 2-passenger seat (stowed)	K	49"
Ground clearance (loaded) @ = GVWR lbs**	L	5"
Overall vehicle height (unloaded)	M	81"

Due to manufacturing tolerances both with the OEM vehicle and the conversion components, all dimensions may vary slightly from those shown.

* Ramp angle may vary based on chassis trim level and other environmental factors

** 5" clearance between the break-over angle position of the vehicle exhaust pipe and level ground when loaded to capacity



braunability.com/commercial

800.488.0359





Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Centralized Request for Quote**

Proc Folder: 1031214		Reason for Modification:	
Doc Description: ADA Lowered Floor Minivans		Addendum No. 1 To respond to vendor technical questions.	
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-04-29	2022-05-11 13:30	CRFQ 0805 PTR2200000010	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: VS0000004719
Vendor Name : Rohrer Enterprises, Inc. DBA Rohrer Bus Sales
Address : 1515 State Road PO Box 100
Street :
City : Duncannon
State : PA **Country :** USA **Zip :** 17020
Principal Contact : David M Clawson, Senior Vice President Sales
Vendor Contact Phone: 540-729-3751 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X **FEIN# 23-2059976** **DATE 5-9-22**

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

Addendum No. 1

To respond to vendor technical questions, see attached.

To modify specifications as per vendor requests, see attached.

Bid opening remains May, 11 2022, at 1:30 pm est.

No other changes.

INVOICE TO**SHIP TO**PUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 6631900 KANAWHA BLVD E
CHARLESTON
US

WV

PUBLIC TRANSIT DIVISION
OFKANAWHA VALLEY
REGIONAL
TRANSPORTATION
AUTHORITY1550 FOURTH AVE
CHARLESTON
US

WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	ADA Lowered Floor Minivans	0.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25101502			

Extended Description:
ADA Lowered Floor Minivans**SCHEDULE OF EVENTS**

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Vendor Technical Questions Due by 10:00 am	2022-04-29

	Document Phase	Document Description	Page
PTR220000010	Draft	ADA Lowered Floor Minivans	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

SOLICITATION NUMBER: CRFQ PTR220000010
Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as ("PTR22*10) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

1. To respond to Vendor Technical questions, see attached
2. To modify specifications which are identified in the attached responses, see attached.
3. Bid opening date remains May 11, 2022, at 1:30 pm.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

CRFQ PTR22*10
ADA Lowered Floor Minivans
Vendor Questions and Agency Answers

Question: Request to remove Sections 15 and 15a because FTA does not allow "Preferences"

Answer: The Division will remove Section 15 and 15a.

Question: Section 2.1.1.10, Water Testing. Will the Division accept the water testing system that Braun Corporations uses as described in their documentation?

Answer: The Division will accept the water testing system used by Braun Corporation.

Question: Section 3.10.1 Please accept the OEM standard aluminum wheels as equal.

Answer: The Division will accept the OEM aluminum wheels.

Question: Section 2.14.7 OEM side slide doors; Please accept the standard OEM power sliding door as equal to the manual sliding doors requested in the specification.

Answer: The Division will accept the OEM power sliding door as equal.

Question: Section 2.18.8 Exterior Curb Lamp, please accept that the curb lamp described in this section is its' OEM "standard location" in an interior light that illuminates the exterior area as well.

Answer: The Division will accept this request.

Question: Section 3.19.2 Floor Covering? Please accept Gerflor (Tarabus Sirius) as equal to the Altro Flooring Specifications.

Answer: The Division will accept Gerflor Tarabus Sirius as long as it meets the minimum thickness of 2.2 mm and commercial grade.

Question: Section 3.25.2 Exterior Mirrors: Can the State clarify that they want OEM exterior mirrors? If OEM mirrors are desired, please remove the requirement for description, warranty, and literature for the exterior mirrors, OEM mirrors would be covered by the OEM warranty.

Answer: The Division is asking for OEM mirrors and does not need warranty literature for them.

Question: Section 3.28.2.7 Please accept that per Q'Straint, contrasting colored wheelchair and occupant restraint belts are no longer available.

Answer: The Division understands that its request can no longer be made and will accept a single-color restraint.

Question: Section 3.31.5 Camera System: Please accept a 2-camera video recording system with recorder cameras mounted to record audio and video of 1) driver area and passenger area looking from front to back; and 2) Front view camera mounted facing forward out the front window. Please accept the Vulcan Series 5 Channel HP/IP Mobile Digital Video Recorder as equal. System includes 512 GB SD Solid State Memory Card, Vulcan Series Panic Button Housing, Vulcan Series Anvil 3600 HD Low Profile Camera, Vulcan Series HDWS3600 1080P Windshield Camera, and (2) 13.12' HD Camera Cables. Also, please describe the desired location of the storage box.

Answer: The Division will accept the request for the camera's location and the Vulcan Series 5 Channel HP/IP Mobile Digital Video Recorder as equal.

Question: Section 3.31.5 Camera System: Please describe the desired location of the surveillance system storage box or remove this requirement. This item is typical in a bus but not usually found in a minivan.

Answer: The Division will remove this section from the solicitation.

Question: Section 12. Will the State consider expanding the delivery days to up to 15 months? Current, ongoing supply chain issues may make this revised delivery timeframe necessary.

Answer: The Division will allow up to, but not to exceed 15 months on delivery time.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ PTR22*10

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | | | |
|-------------------------------------|----------------|--------------------------|-----------------|
| <input checked="" type="checkbox"/> | Addendum No. 1 | <input type="checkbox"/> | Addendum No. 6 |
| <input type="checkbox"/> | Addendum No. 2 | <input type="checkbox"/> | Addendum No. 7 |
| <input type="checkbox"/> | Addendum No. 3 | <input type="checkbox"/> | Addendum No. 8 |
| <input type="checkbox"/> | Addendum No. 4 | <input type="checkbox"/> | Addendum No. 9 |
| <input type="checkbox"/> | Addendum No. 5 | <input type="checkbox"/> | Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

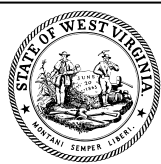
Company

Authorized Signature

5-9-22

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Centralized Request for Quote**

Proc Folder: 1031214		Reason for Modification:	
Doc Description: ADA Lowered Floor Minivans		Addendum No. 2 to provide a corrected pricing page.	
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-05-11	2022-05-12 13:30	CRFQ 0805 PTR2200000010	3

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: VS0000004719
Vendor Name : Rohrer Enterprises, Inc. DBA Rohrer Bus Sales
Address : 1515 State Road PO Box 100
Street :
City : Duncannon
State : PA **Country :** USA **Zip :** 17020
Principal Contact : David M Clawson, Senior Vice President Sales
Vendor Contact Phone: 540-729-3751 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X *David M. Clawson* **FEIN#** 23-2059976 **DATE** 5-11-22

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

Addendum No. 2

To publish a corrected pricing page as the original had and error that Cell E15 omitted E10. Please see attached.

Bid opening has been moved to May, 12 2022, at 1:30 pm est.

No other changes.

INVOICE TO**SHIP TO**PUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 6631900 KANAWHA BLVD E
CHARLESTON WV
USPUBLIC TRANSIT DIVISION
OF
KANAWHA VALLEY
REGIONAL
TRANSPORTATION
AUTHORITY1550 FOURTH AVE
CHARLESTON WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	ADA Lowered Floor Minivans	0.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25101502			

Extended Description:

ADA Lowered Floor Minivans

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Vendor Technical Questions Due by 10:00 am	2022-04-29

	Document Phase	Document Description	Page
PTR220000010	Draft	ADA Lowered Floor Minivans	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

SOLICITATION NUMBER: CRFQ PTR220000010
Addendum Number: 2

The purpose of this addendum is to modify the solicitation identified as ("PTR22*10) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

1. To provide a corrected pricing page, the original had an error in Cell E15 which omitted Cell E10 from the formula. Please see the attached corrected pricing page
2. Bid opening had been moved remains May 12, 2022, at 1:30 pm.
3. No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

**REQUEST FOR QUOTATION
 ADA LOWERED FLOOR MINIVANS
 CRFQ PTR22*10 - EXHIBIT A PRICING PAGE**

Class	Vehicle Description	Unit Price Per Vehicle	Estimated Quantity	Extended Price
A	Vehicle, One Wheelchair Position, White, No Stripes or Logos	\$0.00	5	\$0.00
B	Vehicle, One Wheelchair Position, Transit Systems Paint Scheme, (See Exhibit B)	\$0.00	5	\$0.00
C	Vehicle, One Wheelchair Position, Transit Systems Paint Scheme, (See Exhibit C)	\$0.00	5	\$0.00
D	Vehicle, One Wheelchair Position, White, 5310 Logo, Stripes and Agency Name and Phone Number (See Exhibit D)	\$0.00	5	\$0.00

TOTAL BID EVALUATION	\$0.00
-----------------------------	---------------

Complete form provided
 Please note these are only estimated quantities and do not reflect any guarantee of purchase
 The DPT may purchase more or less as needed.
 Please do not alter Pricing Page

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ PTR22*10

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | | | |
|-------------------------------------|----------------|--------------------------|-----------------|
| <input type="checkbox"/> | Addendum No. 1 | <input type="checkbox"/> | Addendum No. 6 |
| <input checked="" type="checkbox"/> | Addendum No. 2 | <input type="checkbox"/> | Addendum No. 7 |
| <input type="checkbox"/> | Addendum No. 3 | <input type="checkbox"/> | Addendum No. 8 |
| <input type="checkbox"/> | Addendum No. 4 | <input type="checkbox"/> | Addendum No. 9 |
| <input type="checkbox"/> | Addendum No. 5 | <input type="checkbox"/> | Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company

David M. Clawson

Authorized Signature

5-11-22

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

FEDERAL TRANSIT BUS TEST

**Performed for the Federal Transit Administration U.S. DOT
In accordance with 49 CFR, Part 665**

Manufacturer: BraunAbility / The Braun Corporation

**Model: Chrysler Pacifica / Voyager Commercial
Wheelchair Accessible Vehicle
w/ Side-Entry Manual Foldout Ramp**

**Tested in Service-Life Category
4 Year / 100,000 Miles**

November 2020

Report Number: LTI-BT-R2020-03

**The Thomas D. Larson
Pennsylvania Transportation Institute
201 Transportation Research Building
The Pennsylvania State University
University Park, PA 16802
(814) 865-1891**

**Bus Testing and Research Center
2237 Plank Road
Duncansville, PA 16635
(814) 695-3404**



PennState
College of Engineering

**LTI BUS RESEARCH
AND TESTING CENTER**

FEDERAL TRANSIT BUS TEST

Performed for the Federal Transit Administration, U.S. DOT
1200 New Jersey Avenue, SE
Washington, DC 20590

In accordance with 49 CFR Part, 665

Manufacturer: BraunAbility / The Braun Corporation
Manufacturer's address: 631 W. 11th Street
Winamac, IN 46996

Model: Chrysler Pacifica / Voyager Commercial
Wheelchair Accessible Vehicle w/Side-Entry
Manual Foldout Ramp

Tested in Service-Life Category
4 Year / 100,000 Miles

Report Number: LTI-BT-R2020-03



David Klinikowski
Quality Authorization

Director, Bus Research
and Testing Center
Title

November 20th 2020
Date

TABLE OF CONTENTS

	<u>Page</u>
EXECUTIVE SUMMARY	4
ABBREVIATIONS AND ACRONYMS	7
BUS CHECK-IN	8
1. MAINTAINABILITY	
1.1 ACCESSIBILITY OF COMPONENTS AND SUBSYSTEMS	23
1.2 SERVICING, PREVENTIVE MAINTENANCE, AND REPAIR AND MAINTENANCE DURING TESTING	26
1.3 REPLACEMENT AND/OR REPAIR OF SELECTED SUBSYSTEMS	29
2. RELIABILITY	32
3. SAFETY	
3.1 DOUBLE-LANE CHANGE (OBSTACLE AVOIDANCE TEST)	34
3.2 BUS BRAKING PERFORMANCE TEST	38
4. PERFORMANCE	43
5. STRUCTURAL INTEGRITY	
5.1 STRUCTURAL SHAKEDOWN – DISCONTINUED TEST	
5.2 STRUCTURAL STRENGTH AND DISTORTION TESTS - STRUCTURAL DISTORTION	47
5.3 STRUCTURAL STRENGTH AND DISTORTION TESTS - STATIC TOWING	59
5.4 STRUCTURAL STRENGTH AND DISTORTION TESTS - DYNAMIC TOWING	60
5.5 STRUCTURAL STRENGTH AND DISTORTION TESTS- JACKING	63
5.6 STRUCTURAL STRENGTH AND DISTORTION TESTS- HOISTING.....	66
5.7 STRUCTURAL DURABILITY	69
6. FUEL ECONOMY	77
7. NOISE	
7.1 INTERIOR NOISE AND VIBRATION TESTS	85
7.2 EXTERIOR NOISE TESTS	90
8. EMISSIONS	96

EXECUTIVE SUMMARY

TEST HIGHLIGHTS

The information in this report pertains only to this specific bus, as received from the manufacturer for testing.

The Check-In section of the report provides a description of the bus and specifies its major components. The following table gives the salient specifications.

Manufacturer	BraunAbility / The Braun Corporation
Model	Chrysler Pacifica / Voyager Commercial Wheelchair Accessible Vehicle w/Side-Entry Manual Foldout Ramp
Chassis Make/Model	Chrysler Pacifica / Voyager
Chassis Modified	Yes
Length	16 feet, 8 ½ inches
Fuel	Gasoline
Service Life	4 Years / 100,000 miles
Number of Seats (including driver)	5 and 1 wheelchair
Manufacturer-Designated Standing Passenger Capacity	No standing passengers
Gross Vehicle Weight used for testing	5,830 lb.
Gross Vehicle Weight Rating	6,055 lb.
Mileage at Delivery	37
Test Start Date	March 19, 2020
Test Completion Date	October 07, 2020

The measured curb weight was 2,520 lb. for the front axle and 1,940 lb. for the rear axle. These combined weights provided a total measured curb weight of 4,460 lb. There are 5 seats including the driver and one wheelchair position. Since this vehicle is a minivan, it is not possible to accommodate standing passengers. Therefore, the gross load represents seated passengers only, for a total of 6 passengers. Gross load is calculated as $(150 \text{ lb.} \times 5) + (600 \text{ lb.} \times 1) = 1,350 \text{ lb.}$ At full declared capacity, the measured gross vehicle weight was 5,830 lb.

BUS TESTING BACKGROUND

On August 1, 2016, FTA announced a final rule for bus testing for improving the process of ensuring the safety and reliability of new transit buses. The rule satisfies requirements in MAP-21 to establish minimum performance standards, a standardized scoring system, and a pass-fail threshold based on the score.

FTA's Bus Testing Program (often referred to as "Altoona Testing" due to the location of the main testing center) tests new transit bus models for:

- Maintainability
- Reliability

- Safety
- Performance (including Braking Performance)
- Structural Integrity (including Structural Durability)
- Fuel Economy (Energy Efficiency and Range, for electric buses)
- Noise
- Emissions

Bus models that fail to meet one or more minimum performance standards will “fail” their test and thus be ineligible for purchase with FTA funds until the failures are resolved and validated through further testing. FTA will use this authority to make sure defects are corrected before a bus model can be acquired with FTA funding.

In each application to FTA for the purchase or lease of any new bus model, or any bus model with a major change in configuration or components to be acquired or leased with funds obligated by the FTA, the recipient shall certify that it has received the appropriate full Bus Testing Report and any applicable partial testing report(s) before final acceptance of the first vehicle. In dealing with a bus manufacturer or dealer, the recipient shall be responsible for determining whether a vehicle to be acquired requires full testing or partial testing or has already satisfied the requirements of this part. A bus manufacturer or recipient may request guidance from FTA in making these determinations.

The purpose of the testing is intended set a “Pass/Fail” standard and grade the performance of the buses in order to provide performance information to the transit authorities that can be used in their purchase or lease decisions. The intent of this report is to provide the grantee a relative measure of the performance of a particular model of transit bus against a standard of performance. The passing of this test should ensure a vehicle has a high probability of meeting its service life in the category it was tested.

The data included in this test report and other applicable reports should be reviewed to choose the most suitable bus for a grantee’s operation. A higher scoring bus is not necessarily the best bus for a given application. For example, a bus with a powerful engine may score well because of its performance and gradeability, but another bus with a smaller and more fuel-efficient engine could be a better choice for applications in mostly flat areas. It is the responsibility of the grantee to ensure the proper test report or applicable partial report is in their possession and has been thoroughly reviewed.

The score sheet for the subject vehicle of this test report is provided below. **This bus passed the Altoona test, with an aggregate score of 92.5.**

REQUEST FOR QUOTATION – CRFQ PTR22*10
ADA Compliant Lowered Floor Minivans

BID FORM #2

**CERTIFICATION FOR AIR & WATER POLLUTION
REQUIRED BID FOR TO BE SUBMITTED WITH BID**

The Vendor certifies that the vehicles proposed:

ARE X in compliance with the regulations in 40 CFR Part 85, 40 CFR Part 86, 40 CFR Part 600, Clean Water Act and the air/water pollution criteria established by the Environmental Protection Agency of the United States Government.

ARE NOT _____ in compliance with the regulations in 40 CFR Part 85, 40 CFR Part 86, 40 CFR Part 600, Clean Water Act and the air/water pollution criteria established by the Environmental Protection Agency of the United States Government.

May 7, 2022

Date



Authorized Signature Scott Alexander

Commercial Vehicle Inside Sales Senior Manager

Title

The Braun Corporation

Company Name

BID FORM #3

**DISADVANTAGED BUSINESS ENTERPRISE
VENDORS/ MANUFACTURERS CERTIFICATION**

REQUIRED BID FOR TO BE SUBMITTED WITH BID

(Check appropriate statement)

 X The Vendor, if a transit vehicle manufacturer, hereby certifies that it has complied with the requirements of 49 CFR Section 26.49 by submitting an annual DBE goal to the Federal Transit Administration (FTA). The goal has either been approved or not disapproved by FTA.

 The Vendor, if a non-manufacturing supplier, hereby certifies that the manufacturer of the transit vehicle to be supplied has complied with the above-referenced requirement of 49 CFR Section 26.49.

 May 7, 2022

Date

 Scott Alexander
Authorized Signature Scott Alexander

 Commercial Vehicle Inside Sales Senior Manager
Title

 The Braun Corporation
Company Name

REQUEST FOR QUOTATION – CRFQ PTR22*10
ADA Compliant Lowered Floor Minivans

BID FORM #4

BUY AMERICA CERTIFICATION
ROLLING STOCK
REQUIRED BID FOR TO BE SUBMITTED WITH BID

Certificate of Compliance

The bidder or offeror hereby certifies that it will comply with the requirements of section 165(b) (3), of the Surface Transportation Assistance Act of 1982, as amended, and the applicable regulations of 49 CFR 661.11:

May 7, 2022
Date
Scott Alexander
Authorized Signature

The Braun Corporation
Company Name

Scott Alexander
Name

Commercial Vehicle Inside Sales Senior Manager
Title

Certificate for Non-Compliance

The bidder or offeror hereby certifies that it cannot comply with the requirements of section 165(b) (3) of the Surface Transportation Assistance Act of 1982, as amended, but may qualify for an exception to the requirement consistent with section 165(b) (2) or (b) (4) of the Surface Transportation Assistance Act, as amended, and the applicable regulations in 49 CFR 661.7.

Date

Authorized Signature

Company Name

Name

Title

REQUEST FOR QUOTATION – CRFQ PTR22*10
ADA Compliant Lowered Floor Minivans

BID FORM #5

**FEDERAL MOTOR VEHICLE
SAFETY STANDARDS CERTIFICATION**

REQUIRED BID FORM TO BE SUBMITTED WITH BID

The vendor hereby certifies that it shall submit, as required by Title 49 of the CFR, Part 663 - Subpart D, it's self-certification information stating that the vehicle(s) will comply with the relevant Federal Motor Vehicle Safety Standards issued by the National Highway Traffic Safety Administration in Title 49 of the Code of Federal Regulations, Part 571.

May 7, 2022

Date



Authorized Signature Scott Alexander

Commercial Vehicle Inside Sales Senior Manager

Title

The Braun Corporation

Company Name

REQUEST FOR QUOTATION – CRFQ PTR22*10
ADA Compliant Lowered Floor Minivans

BID FORM #6
U.S. Comptroller's Debarment List Certification
REQUIRED BID FOR TO BE SUBMITTED WITH BID


The Braun Corporation hereby certifies that it

 IS or

 X IS NOT (specify one) included on the U.S. GSA's debarment and suspension information available at <https://www.sam.gov>.

May 7, 2022

Date


Authorized Signature Scott Alexander

Commercial Vehicle Inside Sales Senior Manager
Title

The Braun Corporation
Company Name

REQUEST FOR QUOTATION – CRFQ PTR22*10
ADA Compliant Lowered Floor Minivans

BID FORM #7

REQUIRED BID FOR TO BE SUBMITTED WITH BID

**CERTIFICATION OF PRIMARY PARTICIPANT REGARDING
DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**

The Primary Participant (applicant for an FTA grant or cooperative agreement, or potential contractor for a major third party contract),

The Braun Corporation (COMPANY NAME) certifies to the best of its knowledge and belief, that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
2. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

If the primary participant (applicant for an FTA grant, or cooperative agreement, or potential third party contractor) is unable to certify to any of the statements in this certification, the participant shall attach an explanation to this certification.)

THE PRIMARY PARTICIPANT (APPLICANT FOR AN FTA GRANT OR COOPERATIVE AGREEMENT, OR POTENTIAL CONTRACTOR FOR A MAJOR THIRD PARTY CONTRACT),
The Braun Corporation, CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT THE PROVISIONS OF 31 U.S.C. SECTIONS 3801 ET SEQ. ARE APPLICABLE THERETO.



Signature and Title of Authorized Official

Scott Alexander, Commercial Vehicle Inside Sales Senior Manager

REQUEST FOR QUOTATION
ADA Compliant Lowered Floor Mini-Van

BID FORM #9
REQUIRED BID FOR TO BE SUBMITTED WITH BID

CERTIFICATION OF RESTRICTIONS ON LOBBYING

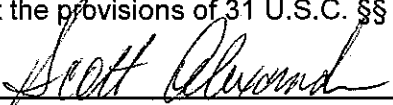
The undersigned (Vendor, Contractor) certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influence or attempt to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress regarding the award of a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance, or the extension, continuation, renewal, amendment, or modification of any Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance.
2. If any funds other than Federal appropriated funds have been or will be paid to any person to influence or attempt to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or any employee of a Member of Congress in connection with any application for a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance, the undersigned assures that it will complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," Rev. 7-97; and
3. The undersigned understands that the language of this certification shall be included in the award documents for all sub awards at all tiers (including subcontracts, sub grants, sub agreements, and contracts under grants, loans (including a line of credit), cooperative agreements, loan guarantees, and loan insurance.

Undersigned understands that this certification is a material representation of fact upon which reliance is placed by the Federal government and that submission of this certification is a prerequisite for providing a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance for a transaction covered by 31 U.S.C. 1352. The undersigned also understands that any person who fails to file a required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The (Vendor, Contractor) The Braun Corporation, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the (Vendor, Contractor) understands and agrees that the provisions of 31 U.S.C. §§ 3801, et seq., apply to this certification and disclosure.

May 7, 2022
Date


Authorized Signature Scott Alexander

Commercial Vehicle Inside Sales Manager
Title



EXECUTIVE ORDER D-449-77

Relating to Exemptions under Section 27156
of the California Vehicle Code

The Braun Corporation (d.b.a. BraunAbility)
Fuel Tank Assembly

Pursuant to the authority vested in the California Air Resources Board by Vehicle Code (VC) Section 27156; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: That the installation of the Fuel Tank Assembly (side entry), manufactured by The Braun Corporation of 631 West 11th Street, Winamac, Indiana 46996, has been found not to reduce the effectiveness of the applicable vehicle pollution control system, and therefore, the Fuel Tank Assembly is exempt from the prohibitions in VC Section 27156 for installation on 2017 through 2021 model-year FCA Pacifica, 2020 and 2021 model-year FCA Voyager, and 2021 model-year FCA Grand Caravan certified with the following exhaust test groups and evaporative families:

Test group: HCRXT03.65P1, JCRXT03.65P4, JCRXT03.65P5, KCRXT03.65P5, LCRXT03.65P8, MCRXT03.65P5

Evaporative family: HCRXR0140RK0, HCRXR0140RP0, JCRXR0140RP0, KCRXR0140RP0, LCRXR0140RP0, MCRXR0140RP0

The Fuel Tank Assembly allows relocation of the stock fuel tank to the rear of the vehicle and includes an intake air extension tube.

This Executive Order is based on previous testing and engineering evaluation of the Fuel Tank Assembly for impact on emissions. If evidence provides the California Air Resources Board with reasons to suspect that The Braun Corporation's Fuel Tank Assembly will affect other emissions, such as canister bleed emissions, The Braun Corporation will be required to perform additional test(s) in the future to show that such emissions are not affected.

Exemption of the Fuel Tank Assembly shall not be construed as an exemption to sell, offer for sale, or advertise any component of the assembly as individual devices.

This Executive Order shall not apply to any device advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order is valid provided that installation instructions for the Fuel Tank Assembly do not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Fuel Tank Assembly, as exempted by the California Air Resources Board, that adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Fuel Tank Assembly using an identification other than that shown in this Executive Order or for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the California Air Resources Board.

In addition to the foregoing, the California Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222 et seq.

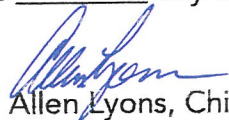
This Executive Order does not constitute any opinion as to the effect the use of the Fuel Tank Assembly may have on any warranty either expressed or implied by the vehicle manufacturer.

No claim of any kind, such as "Approved by the California Air Resources Board," may be made with respect to the action taken herein in any advertising or other oral or written communication.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE CALIFORNIA AIR RESOURCES BOARD OF CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE BRAUN CORPORATION'S FUEL TANK ASSEMBLY.

Violation of any of the above conditions shall be grounds for revocation of this Executive Order. The Executive Order may be revoked only after a 30-day written notice of intention to revoke the Executive Order, in which period the holder of the Executive Order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within 30 days of receipt of the request and the Executive Order may not be revoked until a determination is made after a hearing that grounds for revocation exist.

Executed on this 20th day of January 2021.



Allen Lyons, Chief

Emissions Certification and Compliance Division



PERRY JOHNSON REGISTRARS, INC.

Certificate of Registration

Perry Johnson Registrars, Inc., has audited the Quality Management System of:

***The Braun Corporation
d.b.a. BraunAbility
631 West 11th Street, Winamac, IN 46996 United States***

*(Hereinafter called the Organization) and hereby declares that
Organization is in conformance with:*

ISO 9001:2015

This Registration is in respect to the following scope:

***Design, Manufacture and Assembly of Wheelchair Accessible
Vehicles, Wheelchair Lifts For Vehicle Applications,
Wheelchair Toppers, and Other Mobility Products***

This Registration is granted subject to the system rules governing the Registration referred to above, and the Organization hereby covenants with the Assessment body duty to observe and comply with the said rules.

Terry Boboige, President

Perry Johnson Registrars, Inc. (PJR)
755 West Big Beaver Road, Suite 1340
Troy, Michigan 48084
(248) 358-3388



The use of the UKAS accreditation symbol is in respect to the activities covered by the Accreditation Certificate Number 0105.

The validity of this certificate is dependent upon ongoing surveillance.

Effective Date:
July 31, 2020

Expiration Date:
July 30, 2023

Certificate No.:
C2020-00408



Pre-Award Buy America Certification

Manufacturer: The Braun Corporation
Bid No. PTR2200000010
Description: Wheelchair Accesible Vehicle
End User: State of West Virginia
VIN / Job: BA2571062
Final assembly activities completed at: The Braun Corporation
 631 W 11th St. Winamac, IN 46996

Component	Manufacturer	Country of Origin	C % of Total Cost
OEM Chassis	FCA Canada	Windsor, Ontario, Canada	34.638%
Weldment	The Braun Corporation	Winamac, IN, United States	14.270%
Sub Assembly	The Braun Corporation	Winamac, IN, United States	5.576%
Seats - Seating & Fabric	The Braun Corporation	Winamac, IN, United States	4.822%
Ramp Parts & Assemblies	The Braun Corporation	Winamac, IN, United States	3.144%
ADA & Special Equip.	The Braun Corporation	Winamac, IN, United States	2.673%
Plastic - Vacform & Inj.	The Braun Corporation	Winamac, IN, United States	1.506%
Metal Fabrication	The Braun Corporation	Winamac, IN, United States	0.759%
Wire / Harness / Loom	Altex	Westfield, IN, United States	0.540%
Metal Fabrication	MORryde International, Inc.	Elkhart, IN, United States	0.532%
Plastic - Vacform & Inj.	Lippert Components Inc	Chicago, IL, United States	0.474%
Weldment	Standard Integrated Solutions, Inc.	Winamac, IN, United States	0.389%
Plastic - Vacform & Inj.	Patrick Industries Inc	Elkart, IN, United States	0.336%
Heat, Ventilation, Air Cond.	Formfab LLC	Rochester Hills, MI, United States	0.302%
Electronics / Switches & Senso	FEV North America Inc.	Auburn Hills, MI, United States	0.273%
Fuel system & Undercarriage	Formfab LLC	Rochester Hills, MI, United States	0.176%
Metal Fabrication	Cutting Edge Machine & Tool	New Paris, IN, United States	0.171%
Metal Fabrication	LSI Metal Fabrication	Logansport, IN, United States	0.159%
Option-Vehicle	The Braun Corporation	Winamac, IN, United States	0.129%
Fuel system & Undercarriage	Fluid Routing Solutions	Detroit, MI, United States	0.094%
Restraint Systems & Belts	The Braun Corporation	Winamac, IN, United States	0.090%
Brake System	Formfab LLC	Rochester Hills, MI, United States	0.069%
ADA & Special Equip.	Cooper-Standard Automotive Fhs, Inc.	Chicago, IL, United States	0.066%
Metal Machined Parts	Cutting Edge Machine & Tool	New Paris, IN, United States	0.059%
Fuel system & Undercarriage	Cooper-Standard Automotive Fhs, Inc.	Chicago, IL, United States	0.055%
ADA & Special Equip.	ACME United Corporation	Pittsburgh, PA, United States	0.055%
Metal Fabrication	Quality Tool And Stamping, Inc.	Muskegon Heights, MI, United States	0.053%
Sub Assembly	Vista Manufacturing Inc	Elkhart, IN, United States	0.047%
Heat, Ventilation, Air Cond.	HS Automotive USA LLC	Enterprise, AL, United States	0.042%
Exhaust System & Components	Exhaust Productions Inc.	Merrillville, IN, United States	0.042%
Media / Decals / Literature	Sharpline Converting Inc.	Wichita, KS, United States	0.040%
Restraint Systems & Belts	QStraint USA	Atlanta, GA, United States	0.036%
Plastic - Vacform & Inj.	SPI Blow Molding LLC	Coloma, MI, United States	0.034%
Metal Machined Parts	The Braun Corporation	Winamac, IN, United States	0.033%
Plastic - Vacform & Inj.	Proto Shapes, Inc.	Coldwater, MI, United States	0.031%



Media / Decals / Literature	Webb Printing	Winamac, IN, United States	0.029%
Wire / Harness / Loom	Cable Assembly, LLC	Charlotte, NC, United States	0.025%
Hydraulics / Hoses / Fittings	Cooper-Standard Automotive Fhs, Inc.	Chicago, IL, United States	0.018%
Media / Decals / Literature	Mandala Screen Printing	Winamac, IN, United States	0.018%
Metal Machined Parts	Kilgore Manufacturing Co. Inc.	Columbia City, IN, United States	0.017%
NVH	GDC, Inc	Goshen, IN, United States	0.014%
Vehicle Section - Qty Bearing	The Braun Corporation	Winamac, IN, United States	0.014%
Plastic - Vacform & Inj.	Impact Molding Elkhart	Carol Stream, IL, United States	0.013%
OEM - Parts	Mopar, Dcx	Centerline, MI, United States	0.011%
Media / Decals / Literature			0.010%
Heat, Ventilation, Air Cond.	Cooper-Standard Automotive Fhs, Inc.	Chicago, IL, United States	0.010%
Metal Machined Parts	MJ Celco, Inc.	Schiller Park, IL, United States	0.010%
Exhaust System & Components	Standard Industrial Supply	Winamac, IN, United States	0.007%
Wire / Harness / Loom	Vista Manufacturing Inc	Elkhart, IN, United States	0.004%
Electronics / Switches & Senso	Vista Manufacturing Inc	Elkhart, IN, United States	0.004%
Fuel system & Undercarriage	Standard Industrial Supply	Winamac, IN, United States	0.003%
Heat, Ventilation, Air Cond.	Standard Industrial Supply	Winamac, IN, United States	0.003%
Hardware - Nuts Bolts & Screws	Umpco, Inc.	Garden Grove, CA, United States	0.003%
Media / Decals / Literature	Dec-O-Art, Inc.	Elkhart, IN, United States	0.003%
Media / Decals / Literature	Lithotone Inc	Elkhart, IN, United States	0.003%
Brake System	The Braun Corporation	Winamac, IN, United States	0.002%
Electronics / Switches & Senso	Umpco, Inc.	Garden Grove, CA, United States	0.001%
Hardware - Nuts Bolts & Screws	The Braun Corporation	Winamac, IN, United States	0.001%
Fuel system & Undercarriage	dihBowles Inc.	Canton, OH, United States	0.001%
Hardware - Nuts Bolts & Screws	Caplugs	Chicago, IL, United States	0.000%
Grand Total			71.935%

Cost of final assembly as related to
cost of vehicle (percentage): 10.53%

Description of final assembly activities
detailed on next page.

Date: 05/09/2022

Signature: 

Print Name: Scott Alexander

Title: Commercial Vehicle Inside Sales Manager

Description of final assembly activities:

1. Braun's Final Assembly manufacturing processes consist of the following:
 - (a) "Seat Installation": Installation of seats in the first, second, and third seating rows in the vehicle.
 - (b) "Subsystem Installation": Installation of new lines for rear brake, fuel, heat, and air conditioning components.
 - (c) "Fuel Tank System Installation": Installed the fuel tank. Installation and interconnection of the new fuel fill pipe assembly to meet the relocated and rotated OEM fuel tank.
 - (d) "Exhaust Installation & Interconnection": Installing a new exhaust pipe, hanger brackets, and the OEM muffler.
 - (e) "Engine/Transmission/Front Suspension Assembly Modifications": Disconnecting the engine, transmission, and front suspension assembly in order to raise the body to accommodate the lowered floor. Modifications are made to the engine, transmission, and front suspension assembly, involve adding various types of spacing brackets, custom steering shaft extension, and two engine cradle safety bracket tube extensions, and reconnecting the engine, transmission, and front suspension assembly.
 - (f) "Slide Door Installation": Doors are installed and tested to verify proper travel and function.
 - (g) "Rear Axle & Suspension Installation & Interconnection": Installation of the rear axle, addition of brake line extensions, and rear brake lines fastened.
 - (h) "Flooring & Walls Installation": Installation of flooring substrate and covering and carpet or plastic panels with carpeted inserts. Walls are covered with new interior panels and trims.
 - (i) "Rear Bumper Installation": Installation of the reinforced rear bumper.
 - (j) "Wiring Installation": Installation of new and reroute existing wiring to accommodate the new seating systems, airbag systems, wheelchair ramp system, slide door operation, and other accessibility modifications such as kneeling function.
 - (k) "Ramp Installation & Interconnection": Installation and interconnection of the wheelchair ramp.
 - (l) "Undercoating": Newly installed components are coated, and the entire floor is undercoated.
 - (m) "Inspection & Certification": The vehicle is inspected, weighed, road tested, identified repairs completed if required, and recertified to all applicable FMVSS by Braun in preparation of the vehicles for delivery.



PRE-AWARD FMVSS COMPLIANCE CERTIFICATION

As required by 49 CFR part 663 - Subpart D, State of West Virginia (the recipient) certifies that it received, at the pre-award stage, a copy of The Braun Corporation's (the manufacturer) self-certification information stating that the vehicles, ADA Van with Rear Entry Access Ramp, will comply with the relevant Federal Motor Vehicle Safety Standard issued by the National Highway Traffic Safety Administration in 49 CFR part 571.

Date: 05/09/2022

Signature: *Scott Alexander*

Print Name: Scott Alexander

Title: Commercial Vehicle Inside Sales Manager

TIRE AND LOADING INFORMATION			
SEATING CAPACITY	TOTAL	FRONT	REAR
The combined weight of occupants and cargo should never exceed _____ Kg or _____ Lbs.			
TIRE	SIZE	COLD TIRE PRESSURE	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION FD-327
FRONT			
REAR			
SPARE			

THE BRAUN CORPORATION	
631 w. 11th Street, Winamac, Indiana 46996	
This Vehicle was altered by THE BRAUN CORPORATION in / and as altered it conforms to all applicable Federal Motor Vehicle Safety Bumper and Theft Prevention Standards affected by the alteration and in effect in /	
Vehicle Type: MVP	
Vin #:	
Available Payload Capacity:	LBS(Without Passengers & Wheelchairs)

<p>MANUFACTURED BY: THE BRAUN CORPORATION ENTERVAN.COM® DATE OF MANUFACTURE _____ MO. _____ YR.</p> <p>INCOMPLETE VEHICLE MANUFACTURED BY: CHRYSLER CORPORATION DATE INC. VEH. MFD. _____ MO. _____ YR.</p> <p>GVWR(_____ KG) _____ LBS. GAWR FRONT(_____ KG) _____ LBS. WITH _____ TIRES _____ RIMS. @ _____ PSI COLD (_____ kPa cold)</p> <p>GAWR REAR(_____ KG) _____ LBS. WITH _____ TIRES _____ RIMS. @ _____ PSI COLD (_____ kPa cold)</p> <p>"THIS VEHICLE HAS BEEN COMPLETED IN ACCORDANCE WITH THE PRIOR MANUFACTURERS' IVD, WHERE APPLICABLE. THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS, (AND BUMPER AND THEFT PREVENTION STANDARDS, IF APPLICABLE) IN EFFECT IN (_____)" (MONTH / YEAR).</p> <p>VEHICLE IDENTIFICATION NO:</p> <p>VEHICLE TYPE: MPV</p>
--



Pre-Award Buy America

PURCHASER'S REQUIREMENTS CERTIFICATION

Purchaser - FTA Grantee	State of West Virginia
Quantity	1
Description of Vehicles	ADA Van with Rear Entry Access Ramp
Bid / RFP Contract Number	PTR2200000010

As required by Title 49 of the CFR, Part 663 - Subpart B, **BraunAbility | The Braun Corporation of Winamac, Indiana** (the manufacturer) certifies that the documentation submitted in response to **State of West Virginia** (the recipient) rolling stock procurement solicitation meets the required Bid Specification Compliance with the Purchaser's Solicitation Specifications.

The manufacturer certifies that the rolling stock vehicles to be manufactured for the recipient are the same product described in the recipient's solicitation specification and the manufacturer is a responsible manufacturer with the capability to produce a rolling stock vehicle that meets the recipient's specifications set forth in the recipient's solicitation.

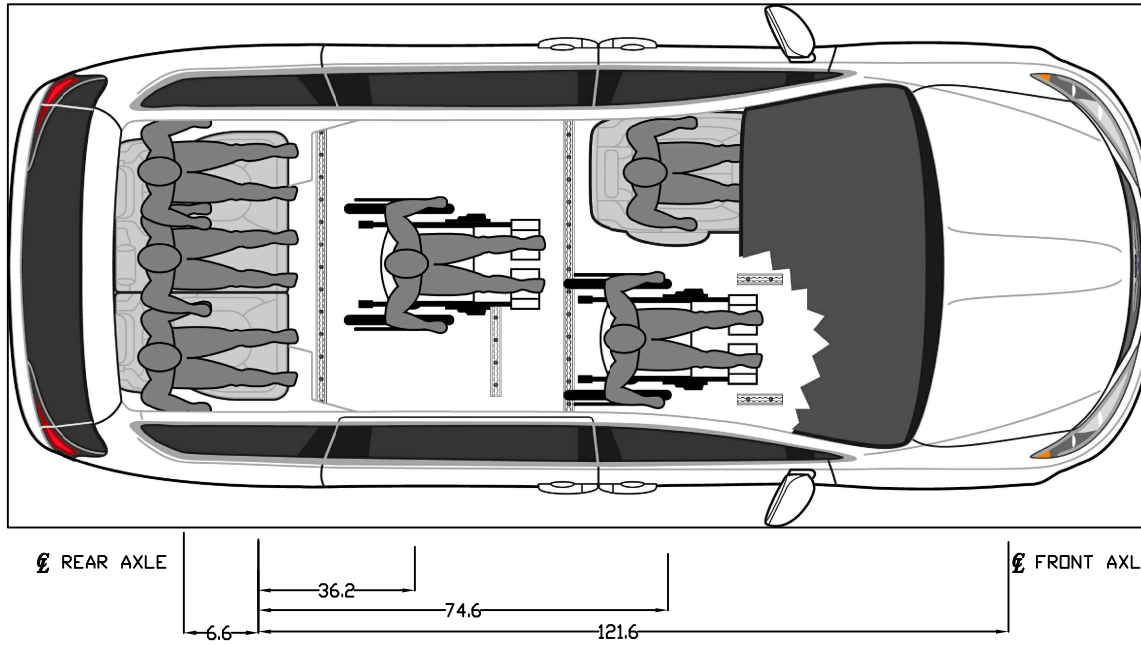
Date: 05/09/2022

Signature: 

Print Name: Scott Alexander

Title: Commercial Vehicle Inside Sales Manager

SEATING OPTION D: (3) AMBULATORY PASSENGERS, (2) MOBILITY AID PASSENGERS, AND THE DRIVER



LOADED WEIGHTS

REQUIRED CAPACITIES
 LOADED GVW = 5510#
 LOADED GAW FRONT = 2810#
 LOADED GAW REAR = 2710#

NOTES / DEFINED VARIABLES

ALLOWABLE WEIGHTS
 DEM GVWR = 6055#
 DEM FRONT GAWR = 2950#
 DEM REAR GAWR = 3200#

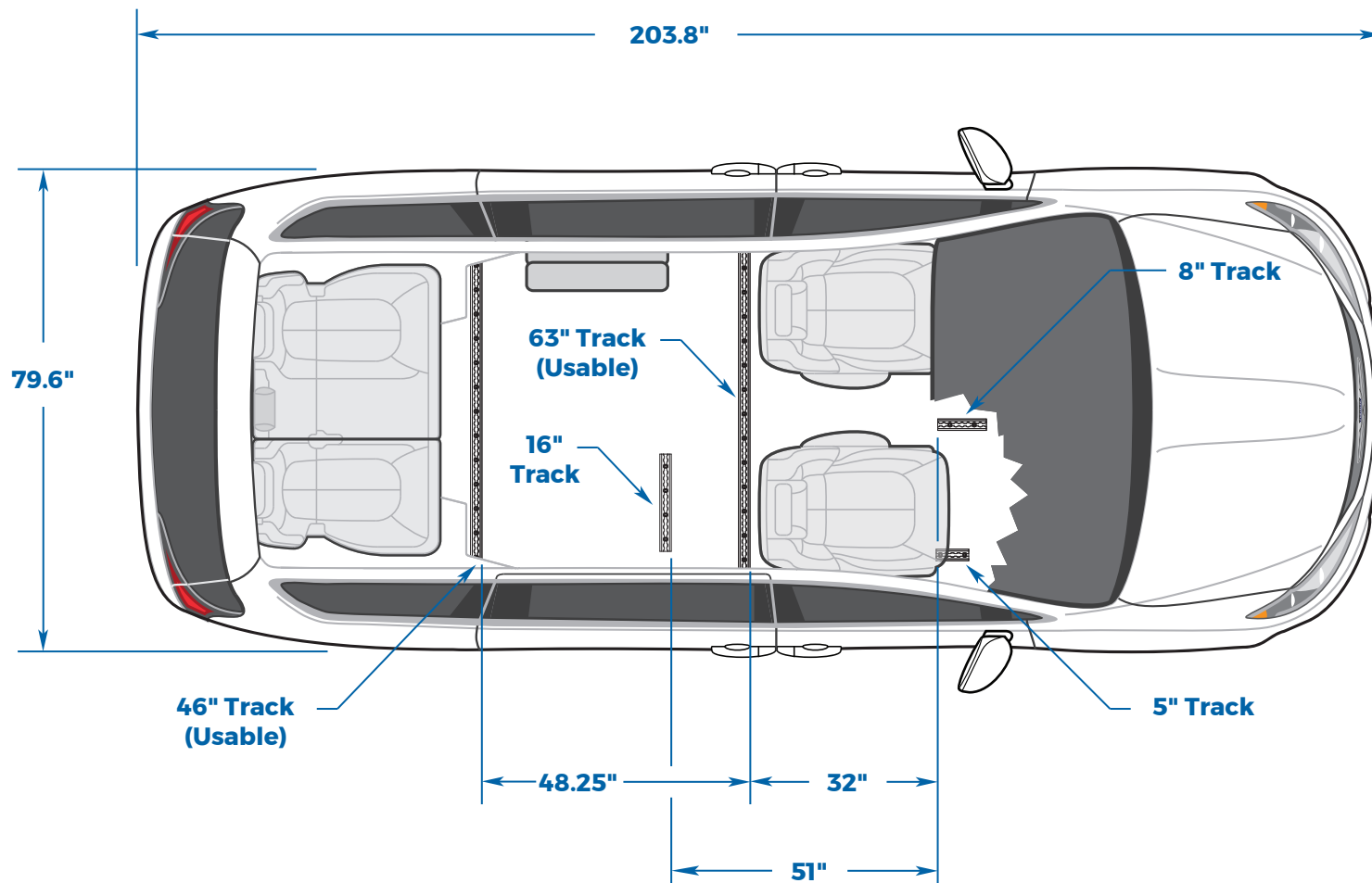
MODIFIED EMPTY WEIGHTS
 TOTAL VEHICLE = 4480#
 FRONT AXLE = 2530#
 REAR AXLE = 1960#

WHEEL BASE = 121.6"
 AMBULATORY PASSENGER = 150#
 MOBILITY AID PASSENGER = 250#
 REMOVABLE FRONT PASSENGER SEAT = 100#

NOTE: THESE ARE APPROXIMATE WEIGHTS ONLY.
 (ACTUAL WEIGHTS MAY VARY WITH VEHICLE.)

						DESIGN/APPR. MDH	<p>TOLERANCES: (UNLESS OTHERWISE SPECIFIED) DECIMAL DIMENSIONS: .XXX = ±0.10 .XX = ±0.30 X = ±0.60 FRACTIONAL DIMENSIONS = ±1/32 ANGULAR DIMENSIONS = ±1° NOTE: DEBURR ALL SHARP CORNERS</p>	<p>CONFIDENTIAL PROPRIETARY INFORMATION DO NOT COPY WITHOUT PERMISSION OF <i>The Braun Corporation</i> Winamac, Indiana 46996</p>
						DRAWN MDH		
						DETAIL CHK.		
						SCALE 1"=32'		
REQ. BY	LET.	REVISION	ECN NO.	REV. BY	DATE	DATE 12/18/20	P/N	BRAUN CHRYSLER RU ADA E3 SEATING OPTION D

Mobility Aid Track Mounting Dimensions



Notes: All Dimensions are Approximate.

RU Voyager ADA SE 2020 DIM01.ai

Service Manual

Side-Entry Manual Foldout built on the Chrysler Voyager

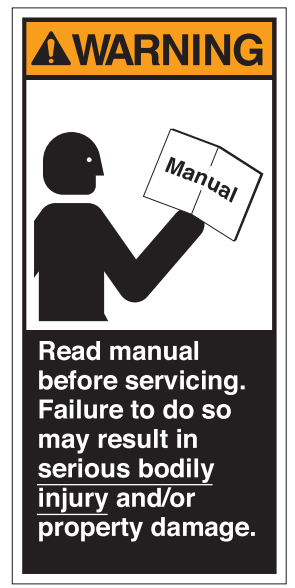


631 West 11th Street, P.O. Box 310, Winamac, IN 46996, USA

Phone: 1-574-946-4139 · 1-800-THE-LIFT® · www.braunability.com™

508990 Rev A

May 2020



INTRODUCTION

Introduction

BraunAbility® wheelchair accessible vehicles are designed to provide years of pleasure and mobility independence. Familiarity with proper operation and maintenance procedures will help ensure safe, trouble-free operation.

Safety precautions, maintenance and troubleshooting details are provided. Wiring diagrams are provided to aid in troubleshooting. A Replacement Parts section with exploded views and corresponding parts lists is also provided.

Warranty and Return Authorization

Refer to the Limited Warranty Booklet for detailed terms and provisions. When processing any warranty claims (parts, repairs, etc.), all requests must be processed through the BraunAbility® Aftersales department. A Return Material Authorization (RMA) number will be issued for processing returns and/or authorizing credit.

The last eight digits of the vehicle identification number (VIN) must be provided when filing a warranty claim or ordering parts.

⚠ WARNING

Maintenance, lubrication, troubleshooting and service procedures must be performed as specified by an authorized service technician. Failure to do so may result in serious bodily injury and/or property damage.

Safety Precautions	2	Exploded View - 50/50 Manual Foldout Swing Ramp - Overall Assembly	33B / 34B
Towing and Transporting	3	Parts List - 50/50 Manual Foldout Swing Ramp - Overall Assembly	35
Maintenance		Parts List - 50/50 Manual Foldout Ramp Platform Assembly	36
Maintenance	4, 5	Exploded View - 50/50 Manual Foldout Ramp Platform Assembly	37A / 38A
Maintenance and Lubrication Schedule	6-9	Exploded View - 50/50 Manual Foldout Ramp Threshold / Tower Assembly	37B / 38B
Troubleshooting Diagnosis Chart	10-13	Parts List - 50/50 Manual Foldout Ramp Threshold / Tower Assembly	39
Below Floor Obstructions	14	Parts List - 50/50 Manual Foldout Ramp Overall Assembly	40
Auxiliary Power Supply	15	Exploded View - 50/50 Manual Foldout Ramp Overall Assembly	41A / 42A
Wiring Diagrams		Exploded View - 50/50 Manual Foldout Swing Ramp w/Assist - Platform Assy.	41B / 42B
Wiring Diagram - Driver Seat Manual	17A / 18A	Parts List - 50/50 Manual Foldout Swing Ramp w/Assist - Platform Assembly	43
Wiring Diagram - Driver Seat Power	17B / 18B	Parts List - 50/50 Manual Foldout Swing Ramp w/Assist - Threshold / Tower Assembly	44
Wiring Diagram - Airbag Overlay Driver Side	19A / 20A	Exploded View - 50/50 Manual Foldout Swing Ramp w/Assist - Threshold / Tower Assembly ..	45A / 46A
Wiring Diagram - BCM Driver Side	19B / 20B	Exploded View - 50/50 Manual Foldout Swing Ramp w/Assist - Overall Assembly .	45B / 46B
Wiring Diagram - C600 - Driver Side	21	Parts List - 50/50 Manual Foldout Swing Ramp w/Assist - Overall Assembly	47
Wiring Diagram - C650 - Passenger Side ...	22	Replacement Parts	
Wiring Diagram - C315 Passenger Side	23A / 24A	Part List - 3rd Row Footrest Assembly	48
Wiring Diagram - Passenger Seat Seat Side	23B / 24B	Part List - 3rd Row Footrest - Light Assembly	48
Wiring Diagram - Passenger Seat Wall Side	25A / 26A, 25B / 26B, 27A / 28A	Part List - 3rd Row Footrest - Gas Spring Kit	49
Wiring Diagram - Lights	27B / 28B	Replacement Parts - HVAC Lines	50
Extension Harnesses - Location Diagram	29A / 30A	Replacement Parts - Exterior Panels	51
Exploded Views		Dimensions	52
Exploded View - 50/50 Manual Foldout Swing Ramp - Platform Assembly	29B / 30B		
Parts List - 50/50 Manual Foldout Swing Ramp - Platform Assembly	31		
Part List - 50/50 Manual Foldout Swing Ramp Threshold / Tower Assembly	32		
Exploded View - 50/50 Manual Foldout Swing Ramp - Threshold / Tower Assy.	33A / 34A		

SAFETY PRECAUTIONS

Safety Precautions

⚠️ WARNING

Read this manual, maintenance booklet, operator's manual and supplements before performing operation, maintenance or service procedures. Failure to do so may result in serious bodily injury and/or property damage.

- ⚠️ WARNING** Maintenance and service procedures must be performed only by authorized service personnel.
- ⚠️ WARNING** Perform maintenance and lubrication procedures exactly as outlined in the Maintenance and Lubrication Schedule contained in this manual.
- ⚠️ WARNING** Perform troubleshooting and service procedures as outlined in this manual and/or service bulletins supplied with replacement parts.
- ⚠️ WARNING** Replacement parts must be BraunAbility authorized parts.
- ⚠️ WARNING** Do not use accessory devices not authorized by BraunAbility.

⚠️ WARNING Keep clear of area in which ramp operates.

⚠️ WARNING Never modify (alter) a BraunAbility lowered floor wheelchair accessible vehicle.

⚠️ WARNING Failure to follow these safety precautions may result in serious bodily injury and/or property damage.

Towing and Transporting**Towing with a Lowered Floor Vehicle**

If your vehicle is equipped with an OEM factory installed trailer tow bumper package, refer to the OEM manual for towing guidelines and precautions. Be sure to comply with critical weight limits before towing. Aftermarket trailer tow packages are prohibited.

Transporting a Lowered Floor Vehicle

BraunAbility lowered floor vehicles should be transported on a trailer rather than towed with one set of wheels suspended and the other set of wheels remaining in road contact.

**Trailer Transport**

Maintenance

BraunAbility® wheelchair accessible vehicles are designed to provide years of pleasure and mobility independence. Regular preventive maintenance procedures will ensure trouble-free operation and increase the service life of your vehicle, as well as enhancing safety. Review this maintenance section with your sales representative.

Consumer Maintenance

As a consumer, general preventive maintenance cleaning and visual inspection procedures should be a part of your routine. Keeping the wheelchair accessible door and lowered floor opening clean is one of the most effective preventive maintenance practices the consumer can exercise. Inspect and clean often.

Side Entry Vehicles

Foldout and Infloor Ramps: Keep the passenger side slide door lower track pan free of debris, ice and snow. Smooth unobstructed slide door operation is crucial for dependable door and ramp functions.

Infloor Ramp: Keep the infloor ramp and ramp cassette area clean as well as the door track. Dirt, mud, snow, ice and other debris entering the cassette can result in potential ramp problems.

Pay close attention to the wheelchair accessible power door, kneel and ramp functions (as equipped). Inspect wheelchair tiedowns, occupant restraint belts and associated hardware.

If there is any sign of damage, wear, abnormal condition or improper operation, discontinue use immediately. Contact your sales representative or call 1-800-488-0359. One of our BraunAbility® Customer Care representatives will direct you to an authorized service center.

Preventive maintenance procedures performed by the consumer do not take the place of the procedures outlined in the following maintenance schedule and dealer scheduled maintenance in the Maintenance Guidelines and Service Log Booklet.



Dealer Scheduled Maintenance

Maintenance of the wheelchair accessible systems and equipment is vital to function and reliability. Mobility equipment maintenance should be performed in conjunction with the maintenance scheduled by the vehicle OEM manufacturer.

Have OEM and BraunAbility® maintenance procedures performed according to recommended oil change intervals, or at 5,000 mile/8,000 km/6 month intervals (whichever comes first). A detailed maintenance schedule is provided in this manual that will closely correspond with the OEM maintenance schedule. Keep track of scheduled maintenance and service procedures in the Maintenance Guidelines and Service Log Booklet.

BraunAbility® lowered floor wheelchair accessible vehicles must be maintained and serviced by authorized service representatives who have attended the Mobility Service Excellence training program (MSE certified).

Service technicians should be familiar with the lowered floor configuration and any specialized driving equipment (driving controls). Extra care must be taken to avoid possible damage.

Your BraunAbility® certified dealer can perform maintenance and service procedures, or recommend a qualified service facility. If in doubt, call 1-800-488-0359. A BraunAbility® Customer Care representative will direct you to an authorized service center.

⚠ WARNING

Maintenance and lubrication procedures must be performed by authorized service personnel as specified in this manual and maintenance booklet. Failure to do so may result in serious bodily injury and/or property damage.

Maintenance**Maintenance and Service Log**

Keep a record of scheduled maintenance and service. Document date, mileage and description of maintenance or service procedures performed in the maintenance and service log booklet. Recording this information provides verification that maintenance has been performed as scheduled. Failure to do so may void your BraunAbility® mobility warranty.

Maintenance procedures will vary according to the specific lowered floor and ramp configuration. Maintenance intervals may vary according to frequency of use and conditions. Exposure to severe conditions (weather, environment, heavy usage, etc.) may require inspection and maintenance procedures to be performed more often.

Maintenance and Lubrication Schedule

General preventive maintenance cleaning and visual inspection procedures should be performed weekly. Inspection, lubrication and maintenance procedures outlined in the 5,000 mile/8,000 km/6 month and 30,000 mile/48,000 km/3 year intervals sections should be performed by an MSE certified technician to correspond with the Maintenance Guidelines and Service Log Booklet.

These intervals are a general guideline and will vary according to frequency of use and conditions. Exposure to severe conditions (weather, environment, heavy usage, etc.) may require inspection and maintenance procedures to be performed more often than specified.

Clean specified components and the surrounding area before applying lubricants. When replacing lubricated components, be sure to lubricate during installation procedures.

A “dri-film” style of light oil should be applied where Light Oil is called out (goes on wet and then dries). Lubricants of this type are available that do not attract dust and other debris.

Use of improper lubricants can attract dirt or other contaminants which could result in wear or damage to components. Avoid lubricants that can leave stains.

Discontinue use immediately if maintenance and lubrication procedures are not properly performed, or if there is any sign of wear, damage, improper operation or any abnormal condition. Contact your sales representative or call 1-800-488-0359. A BraunAbility Customer Care representative will direct you to an authorized service technician who will inspect your vehicle.

<p>Preventive Maintenance</p> <p>Weekly</p>	<p>Ramp/lowered floor seal and opening</p>	<p>Inspect for obstructions or debris such as dirt, mud, snow, ice, etc. and clean (wipe clean, vacuum or blow out debris using compressor).</p>
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<p>General Maintenance</p> <p>5,000 Miles or 6 Month Intervals (8,000 km)</p>	<p>Wheelchair tiedown straps, occupant restraint belts and tie down track</p>	<p>Inspect strap and belt assemblies frequently. Any defects such as strap/belt cuts, fraying or malfunctioning call for replacement of the entire strap/belt assembly. "L" track must be clean and not worn, bent or otherwise damaged (prohibiting proper strap/belt attachment). If there is any sign of damage, wear, abnormal condition or improper operation of straps, belts, strap/belt hardware (hooks, keepers, latch plate, receptacle), or track, discontinue use and replace components immediately</p> <p>Follow all inspection and maintenance instructions supplied by the belt manufacturer. Severe conditions (weather, environment, heavy usage, etc.) may require more frequent inspections. Exposure to severe conditions will dramatically reduce the life of the system</p>
	<p>Inspect removable front passenger seat base for proper engagement of latching mechanisms</p>	<p>Inspect for obstructions and clean (wipe clean, vacuum or blow out debris using compressor). Inspect for wear, damage, improper operation or any abnormal condition. Correct or replace as needed</p>
	<p>Lower slide door track</p>	<p>Inspect for debris/obstructions and clean. Lubricate with light oil.</p>
	<p>Center slide door track</p>	<p>Inspect for debris/obstructions and clean. Lubricate with light oil.</p>
	<p>Inspect undercarriage and ground effects</p>	<p>Clean. Resecure, replace or otherwise correct as needed</p>
	<p>Inspect vehicle battery and 50 ampere fuse. Inspect center console fuse block (as needed only).mounted fuse block.</p>	<p>Resecure, repair or replace</p>

MAINTENANCE

Manual Ramp 5,000 Miles or 6 Month Intervals (8,000 km)	Outboard ramp extension hinge and fasteners	Clean and lubricate with Light Oil. Resecure, replace or correct as needed
	Inspect ramp inboard pivot points (bolts/screws and bushings/bearings) for positive securement, wear or damage	Clean and lubricate with Light Oil. Resecure, replace or correct as needed
	Inspect ramp fold pickup bearing for positive securement, alignment, wear or other damage	Replace or correct as needed. If bearing retaining screw is not secure or is removed for service, apply Blue #242 Thread Locker Loctite to retaining screw and tighten.
	Inspect ramp fold arm for positive securement, alignment, wear or other damage	Resecure, replace or correct as needed
	Inspect ramp fold arm bearing slot for excessive wear or damage	Replace or correct as needed
	Inspect ramp extension chain for proper alignment, securement or other damage	Clean and lubricate with Light Oil. Realign, resecure, replace or correct as needed
	Inspect ramp floor mounting hardware for securement (loose or missing)	Resecure, replace or correct as needed

Manual Ramp Interior Cover Removed 5,000 Miles or 6 Month Intervals (8,000 km)	Top pivot (wall mounting) bracket mounting bolts for securement (loose or missing)	Resecure, replace or correct as needed
	Main (spring) housing mounting bolts for securement (loose or missing)	Resecure, replace or correct as needed
	Ramp fold arm securement (collar and mounting screws)	Resecure, replace or correct as needed
	Torsion spring securement hairpin cotter, external snap ring(s) or key (loose or missing)	Resecure, replace or correct as needed

<p>Manual Ramp Swing Out Feature</p> <p>5,000 Miles or 6 Month Intervals (8,000 km)</p>	<p>Inspect latch for proper operation</p>	<p>Clean and lubricate with Light Oil. Resecure, replace or correct as needed</p>
	<p>Inspect latch mounting hardware for positive securement (loose or missing mounting hardware)</p>	<p>Resecure, replace or correct as needed</p>
	<p>Inspect latch pin for positive securement, wear, misalignment, or other damage</p>	<p>Resecure, replace or correct as needed</p>
	<p>Missing or damaged ramp top pivot bracket securement cotter pin (hairpin cotter or "R" clip)</p>	<p>Resecure, replace or correct as needed</p>
	<p>Inspect top and/or bottom ramp pivot points (axles and/or bearing surfaces) for deformation, wear or other damage</p>	<p>Replace or correct as needed</p>
	<p>Bottom ramp pivot pin (axle) plastic flanged bearing damaged or missing.</p>	<p>Replace or correct as needed</p>
	<p>Inspect latch release rod for positive securement, alignment, wear, or other damage</p>	<p>Clean and lubricate with Light Oil. Realign, resecure, replace or correct as needed</p>
<p>30,000 Miles or 3 Year Intervals (48,000 km)</p>	<p>Repeat all previously listed preventative, inspection, lubrication and maintenance procedures at 5,000 Miles or 6 month intervals.</p>	

TROUBLESHOOTING

Troubleshooting Diagnosis Chart

⚠️ WARNING

Troubleshooting and repair procedures must be performed as specified by an authorized service technician only. Failure to do so may result in serious bodily injury and/or property damage.

Operation should be discontinued immediately if a problem occurs. Repairs should not be attempted by the consumer. Contact your sales representative or call 1-800-488-0359. A BraunAbility Customer Care representative will direct you to an authorized service technician who will inspect your vehicle.

The cause of the problem can be determined by locating the function and related symptom in

the Troubleshooting Diagnosis Chart. The specific cause and remedy can then be determined by process of elimination. Wiring diagrams are provided to aid in troubleshooting. A Repair Parts section with exploded views and corresponding parts lists is also provided.

Correct the problem if possible. If the problem continues, contact BraunAbility Customer Care at 1-800-488-0359.

FUNCTION	SYMPTOM	POSSIBLE CAUSE	REMEDY
1.00 DOOR (OPEN)	1.10 Faulty Open Operation	1.11 Misalignment, deformation, wear or other damaged to lower slide door track 1.12 Misalignment, deformation, wear or other damage to door, lower door extension, or door jamb components 1.13 Obstruction in lower door track 1.14 Mechanical binding	Realign, tighten, replace damaged parts or otherwise correct as needed Realign, tighten, replace damaged parts or otherwise correct as needed Remove obstruction Correct
	1.20 Door Does Not Open Fully	1.21 See 1.00 1.22 Door doesn't engage OEM full open position hold latch	Correct

FUNCTION	SYMPTOM	POSSIBLE CAUSE	REMEDY
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2.00 RAMP DEPLOY	2.10 No Deploy Operation	2.11 Loose, damaged or missing fold arm securement collar/coupling and/or screws	Tighten, replace or otherwise correct as needed
	2.20 Ramp Contacts Door	2.21 Door not fully open	Open door or see 1.20
	2.30 Faulty Deploy Operation	2.31 Misalignment or damage to: <ul style="list-style-type: none"> • Ramp fold bearing • Ramp fold arm • Ramp fold arm bearing slot • Ramp pivot points or hinge(s) 2.32 Mechanical binding 2.33 Lack of lubrication	Realign, tighten, replace damaged parts or otherwise correct as needed Correct Lubricate - See Maintenance and Lubrication Schedule
	2.40 Faulty Ramp Extension Unfold (Deploy)	2.41 Lack of lubrication 2.42 Ramp extension hinge damage	Lubricate - See Maintenance and Lubrication Schedule Correct or replace as needed

3.00 FOLDOUT RAMP STOW	3.10 No Stow Operation	3.11 See 2.10	
	3.20 Faulty Stow Operation	4.21 Fold arm latch catch (support/stop) out of adjustment, loose or otherwise damaged 4.22 See 2.10, 2.30 and 2.40	Adjust tighten or otherwise correct as needed

4.00 DOOR (CLOSE)	4.10 Faulty Operation	4.11 See 1.10	
	4.20 Door Does Not Close Fully	4.21 See 1.10 4.22 Ramp obstructing door	Adjust ramp latch catch (support/stop) for more travel or otherwise correct as needed

TROUBLESHOOTING

FUNCTION	SYMPTOM	POSSIBLE CAUSE	REMEDY
5.00 SWING OUT RAMP SYSTEM (if equipped)	5.10 No Release Operation	5.11 Release rod broken, disconnected or otherwise damaged	Replace, attach or otherwise correct
		5.12 Faulty swing out ramp latch (will not disengage)	Replace latch
	5.20 Faulty Release Operation	5.21 Loose, worn or otherwise damaged swing out ramp latch	Tighten, replace or otherwise correct as needed
		5.22 Missing, loose, worn, bent, misaligned or otherwise damaged swing out ramp latch pin	Tighten, replace or otherwise correct as needed
		5.23 Mechanical binding	Correct as needed
		5.24 Lack of lubrication	Lubricate with Light Oil
5.30 Faulty Rotation Operation	5.31 Missing plastic flanged bearing (washer) at bottom pivot point (axle)	Replace	
	5.32 Misalignment, deformation, wear or other damage to top and/or bottom pivot points (axles and/or bearing surfaces)	Correct as needed	
	5.33 Mechanical binding	Correct as needed	
5.40 No Latching Operation	5.41 Faulty swing out ramp latch (will not engage)	Replace latch	
	5.42 See 5.20		
5.50 Faulty Latching Operation	5.51 See 5.20 and 5.41		
6.00 NO POWER	6.10 No Power to Conversion Systems (Circuit Problem)	6.11 Poor ground connection 6.12 Battery terminals dirty 6.13 Battery damaged 6.14 Battery discharged 6.15 12 volt source (check fuses for 12 volts)	Clean and tighten Clean and tighten Replace Charge battery Check for blown fuse, loose terminals or broken wire or cable
7.00 BACKUP ALARM	7.10 No Operation	7.11 See 6.00 7.12 Faulty alarm 7.13 Backup alarm harness disconnected or damaged	Replace alarm Connect, repair or replace

FUNCTION	SYMPTOM	POSSIBLE CAUSE	REMEDY
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8.00 PARK INTERLOCK	8.10 No Interlock Operation	8.11 See 6.00 8.12 Park interlock (door jamb) switch harness disconnected or damaged 8.13 Park interlock (door jamb) switch out of adjustment or damaged	Connect, repair or replace Adjust or replace
	8.20 Can't Shift Out of Park	8.21 Door not closed 8.22 See 8.12 and 8.13	Close door

9.00 ENTRANCE LIGHTS	9.10 No ON Operation	9.11 See 6.00 9.12 Door not open 9.13 Faulty light 9.14 Entrance light harness disconnected or damaged	Open door Replace Connect, repair or replace
	9.20 No OFF Operation	9.21 Door not closed 9.22 See 6.00 and 9.14	Close door

BELOW FLOOR OBSTRUCTIONS

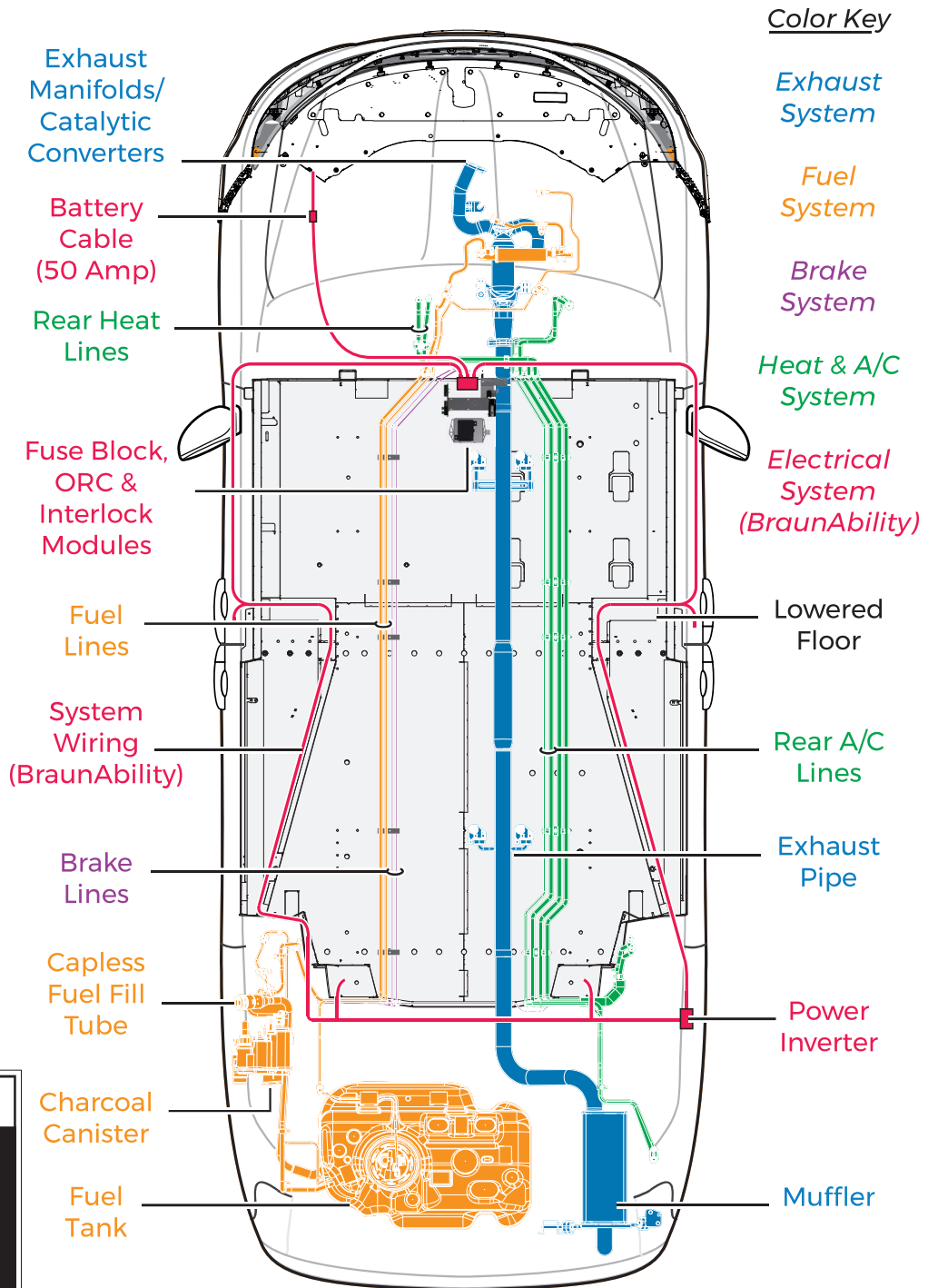
Below Floor Obstruction Detail & Guidelines

When installing an electrical tie-down, power seat or other auxiliary device, obstructions below the floor must be avoided. Obstructions include wiring, fuel system, brake lines, etc. Installers must be aware of these obstructions.

Refer to this illustration when installing aftermarket equipment to avoid contacting or damaging vital components under the floor.

Drilling or cutting into such obstructions may result in potential hazards as well as property damage.

Note: Some wiring harnesses shown may not be present. Avoid all harness locations.



⚠ WARNING
 Check for obstructions such as wires, gas lines, exhaust, etc. before drilling or cutting through floor. Failure to do so may result in serious bodily injury and/or property damage.

Auxiliary Power Supply

⚠ CAUTION

Do not connect auxiliary devices to vehicle battery. Doing so may result in damage to electrical system and/or electronic components.

Auxiliary Power Supply: Do not connect auxiliary devices directly to the vehicle battery. Doing so may result in damage to electrical system and/or electronic components.

Two fuse blocks are provided as an auxiliary power source for dealer-installed auxiliary electrical device(s). Fuse block details and specifications are provided below. The fuse blocks are located at the bottom of the center console.

Below Floor Obstructions:

When installing aftermarket equipment, obstructions below the floor must be avoided. Obstructions include wiring, fuel system, brake lines, etc. Installers must be aware of these obstructions.

Refer to the illustration on previous page to avoid contacting or damaging vital components under the floor.

⚠ WARNING



Risk of electrical fire! Install and electrically terminate auxiliary electrical device as specified by device manufacturer.

Fuse Blocks

Fuse Blocks: Two fuse blocks are provided for use as an auxiliary power source (one ignition fuse block and one battery fuse block).

The battery fuse block provides power at all times (independent of the vehicle ignition). The ignition fuse block supplies power only when the vehicle ignition is on.

The installer is responsible for supplying the correct gauge wire and fuse for the particular device to be attached to the fuse block (as specified by the manufacturer of the device).

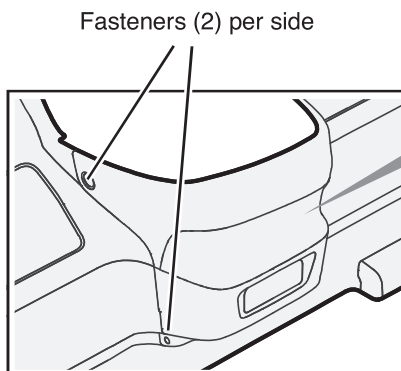
Ignition Fuse Block: The total maximum load must not exceed 30 amperes.

Battery Fuse Block: The total maximum load must not exceed 40 amperes.

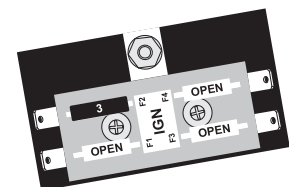
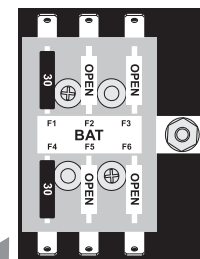
Note: If installing an auxiliary electrical device that requires more than a 30 ampere ignition or 40 ampere battery power source, an alternative power source must be provided.

Note: The fuse blocks are part of an electrical assembly. Two ground studs are also provided.

Fuse Block Access: The fuse blocks are located at the bottom of the center console. Remove upper console panel (2) fasteners per side.

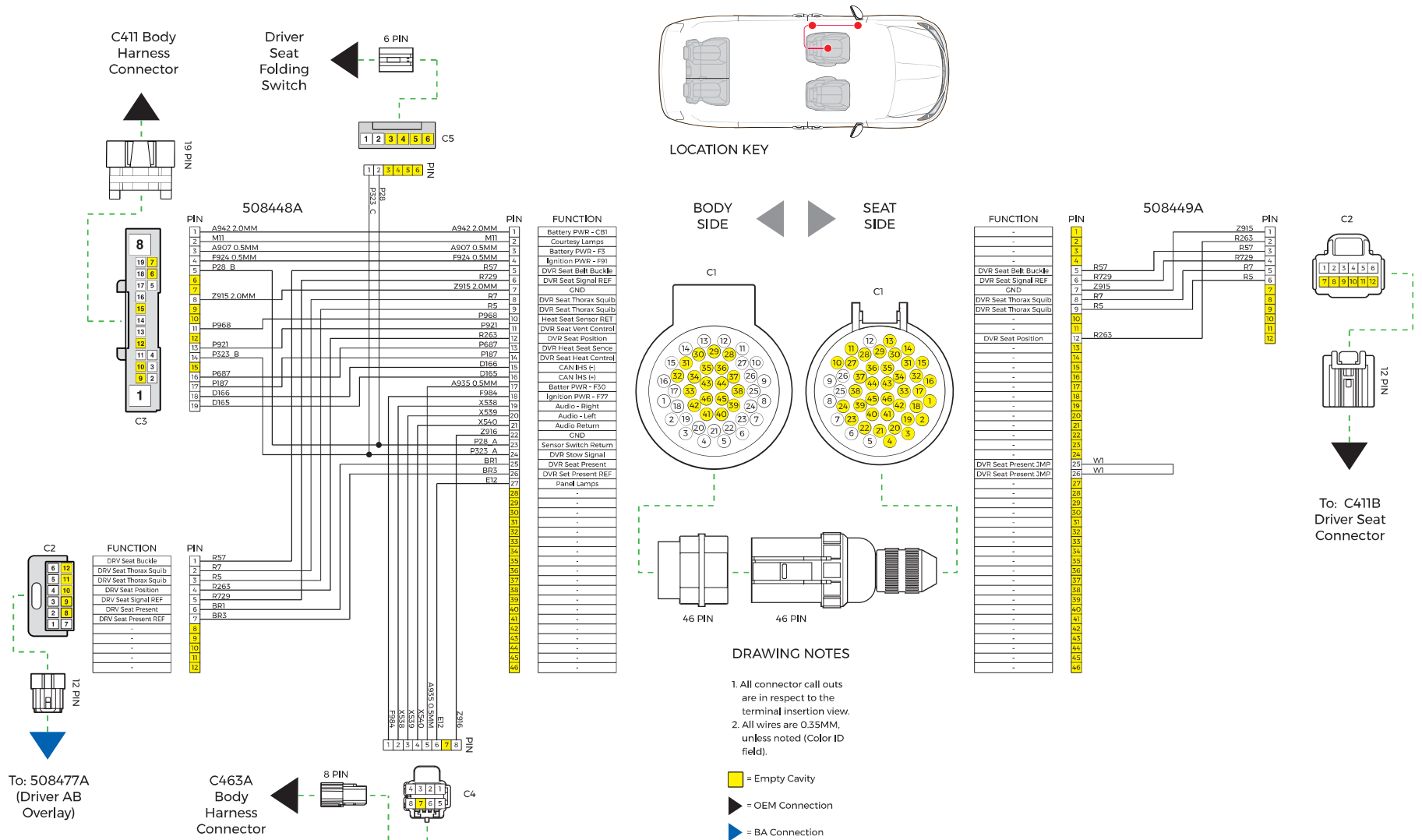


Fuse Block Access



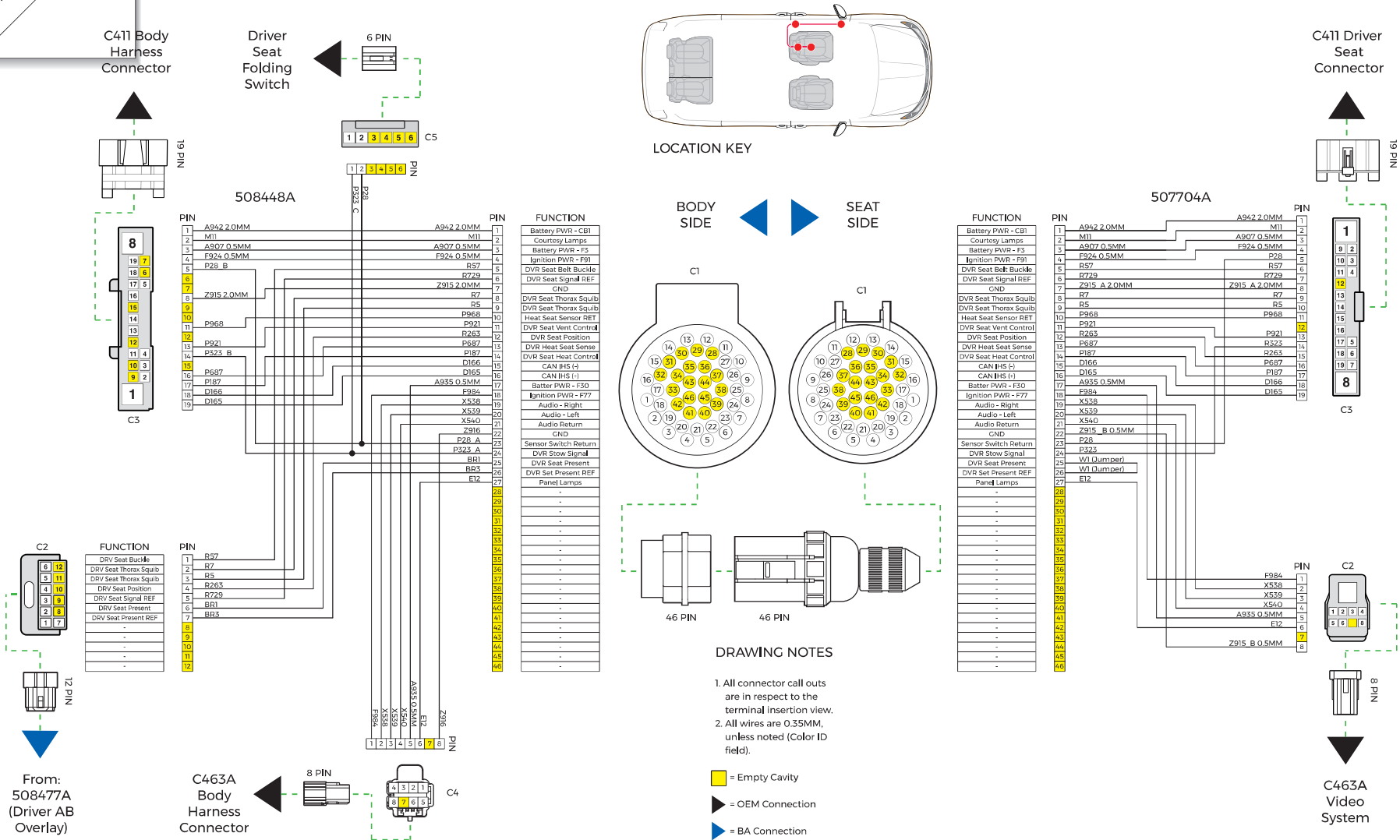
Under Dash Fuse Blocks

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Unfold for:
Wiring Diagram
Driver Seat - Manual

WIRING DIAGRAM - DRIVER SEAT - POWER



DRAWING NOTES

1. All connector call outs are in respect to the terminal insertion view.
2. All wires are 0.35MM, unless noted (Color ID field).

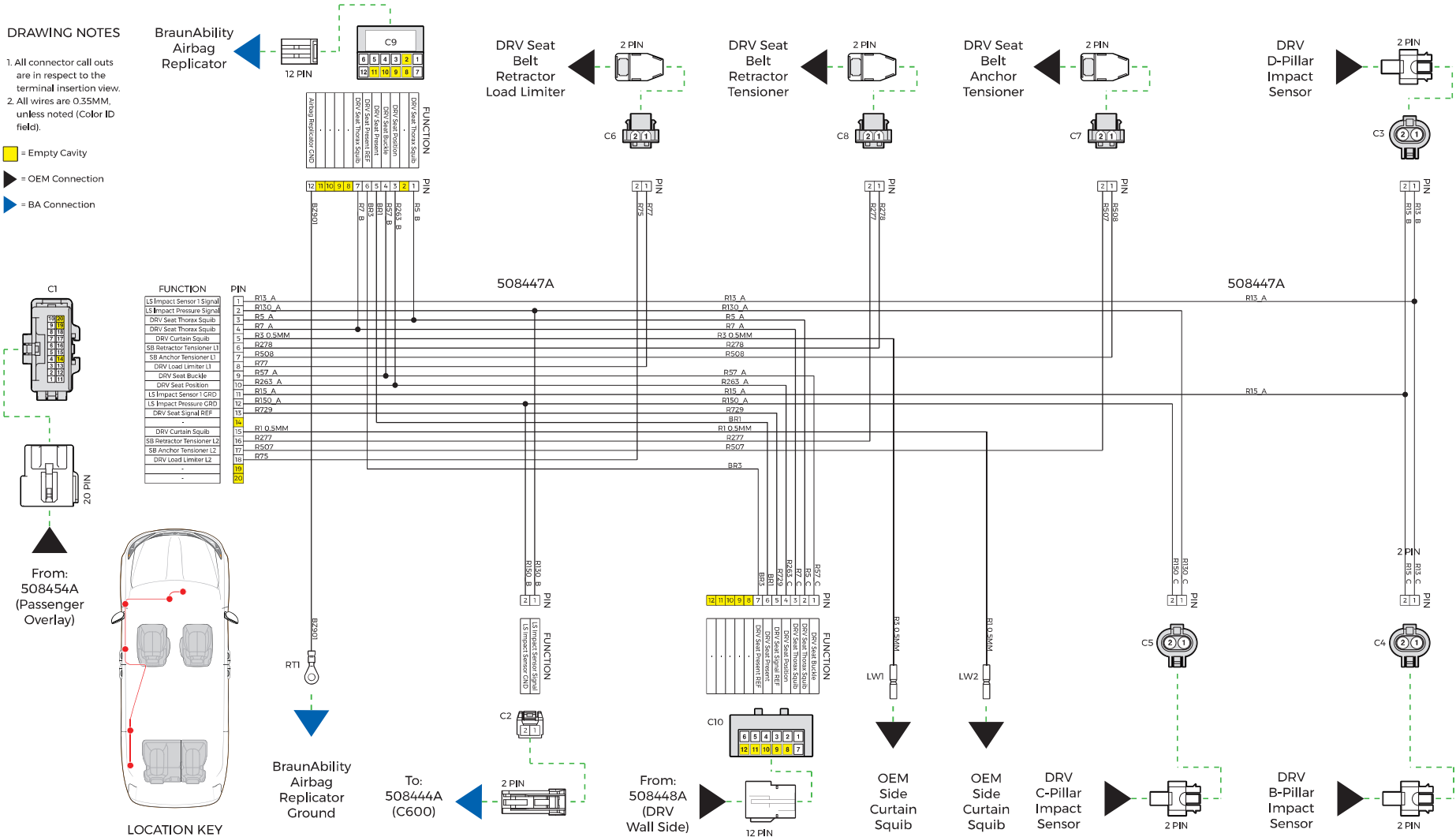
- = Empty Cavity
- = OEM Connection
- = BA Connection

WIRING DIAGRAM - AIRBAG OVERLAY - DRIVER SIDE

DRAWING NOTES

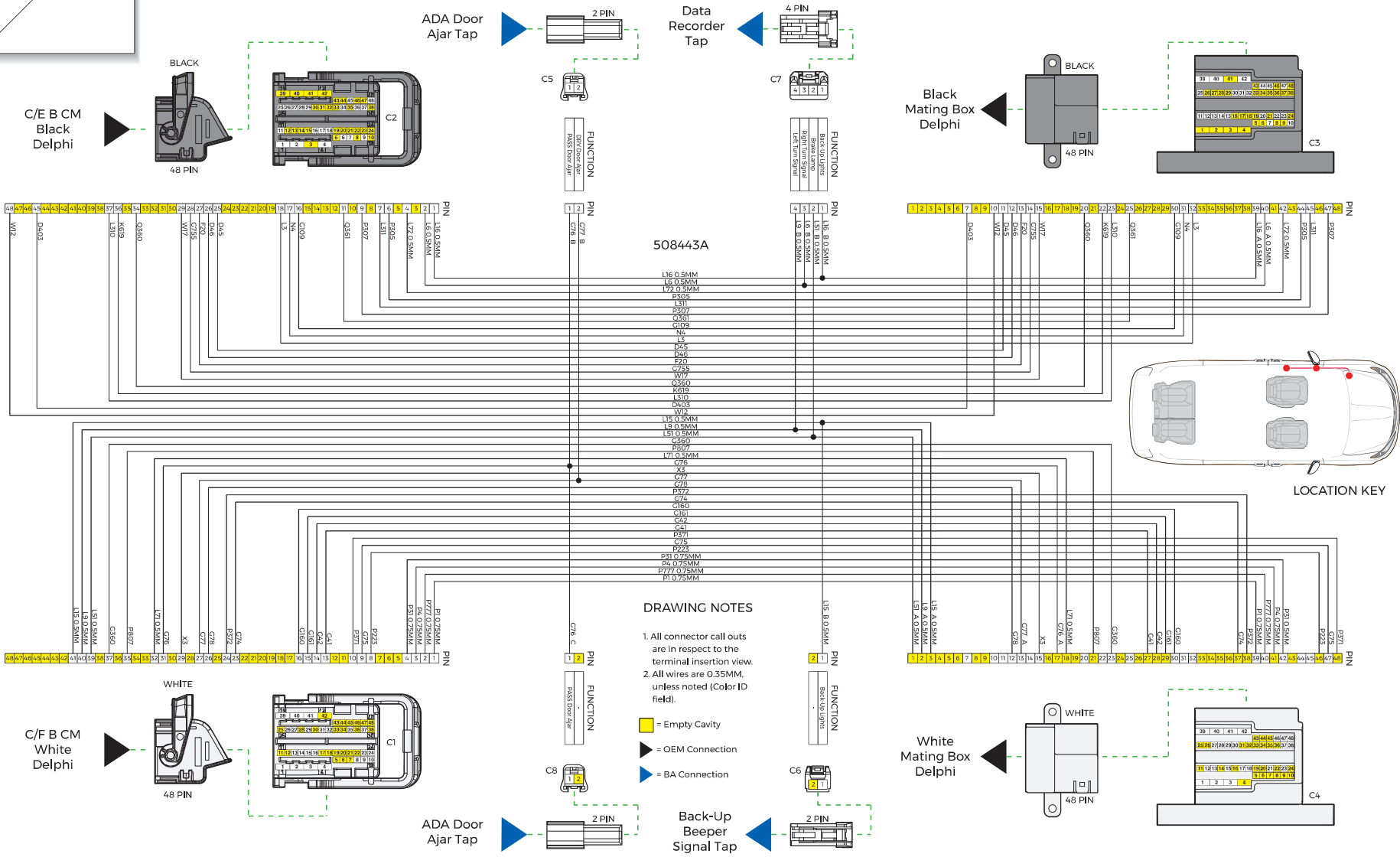
1. All connector call outs are in respect to the terminal insertion view.
2. All wires are 0.35MM, unless noted (Color ID field).

- = Empty Cavity
- ▶ = OEM Connection
- ▶ = BA Connection



Unfold for:
Wiring Diagram
Airbag Overlay
Driver Side

WIRING DIAGRAM - BCM - DRIVER SIDE



DRAWING NOTES

- All connector call outs are in respect to the terminal insertion view.
- All wires are 0.35MM, unless noted (Color ID field).

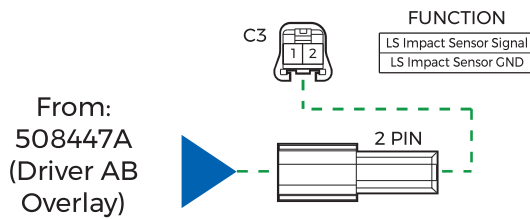
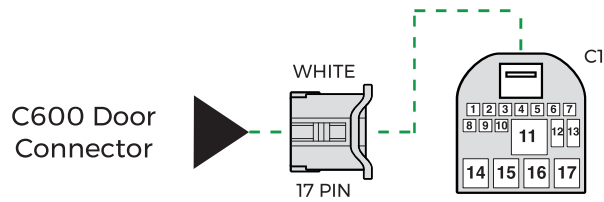
- Empty Cavity
- OEM Connection
- BA Connection

WIRING DIAGRAM - C600 - DRIVER SIDE

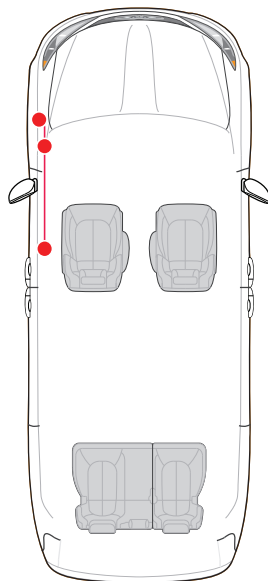
DRAWING NOTES

1. All connector call outs are in respect to the terminal insertion view.
2. All wires are 0.35MM, unless noted (Color ID field).

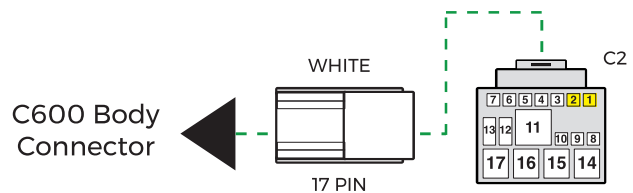
- = Empty Cavity
- = OEM Connection
- = BA Connection



PIN	WIRE	WIRE	PIN
1	R130	A924, 2.0MM	1
2	R150	X291, 0.75MM	2
3		X201, 0.75MM	3
4		X201, 0.75MM	4
5		Z915, 2.0MM	5
6		P371	6
7		P777, 0.75MM	7
8		P1, 0.75MM	8
9		P125, 0.5MM	9
10		P337	10
11		C755	11
12		P124	12
13		E12	13
14		G75	14
15		D104	15
16		D103	16
17		D103	17



LOCATION KEY

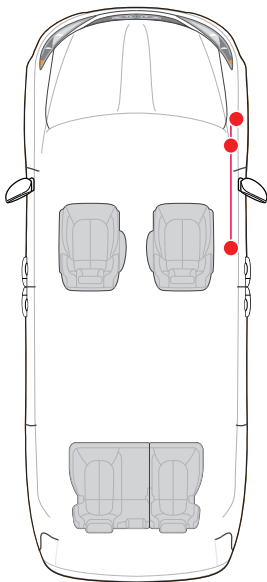
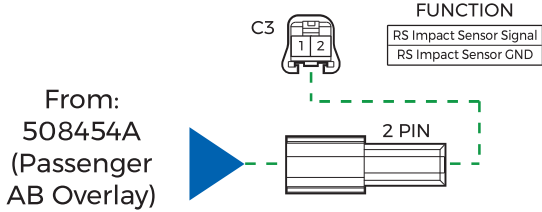
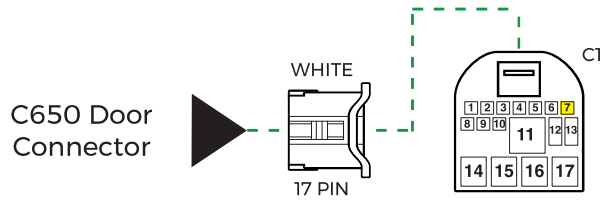


WIRING DIAGRAM - C650 - PASSENGER SIDE

DRAWING NOTES

1. All connector call outs are in respect to the terminal insertion view.
2. All wires are 0.35MM, unless noted (Color ID field).

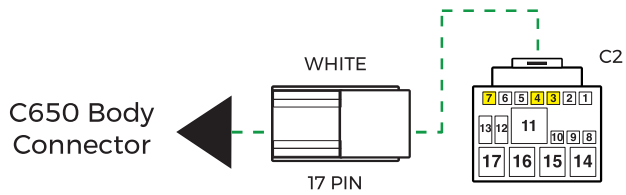
- = Empty Cavity
- = OEM Connection
- = BA Connection



LOCATION KEY

PIN	WIRE	WIRE	PIN
1	P400	P400	1
2	P972	P972	2
3	R140		3
4	R160		4
5	G160	G160	5
6	G74 0.75MM	G74 0.75MM	6
7			7
8	P401 0.5MM	P401 0.5MM	8
9	D213	D213	9
10	D214	D214	10
11	P777 0.75MM	P777 0.75MM	11
12	X202 0.75MM	X202 0.75MM	12
13	X292 0.75MM	X292 0.75MM	13
14	A925 2.0MM	A925 2.0MM	14
15	Z916 A 2.0MM	Z916 A 2.0MM	15
16	Z916 B 2.0MM	Z916 B 2.0MM	16
17	P401 0.5MM	P401 0.5MM	17

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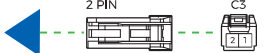


DRAWING NOTES

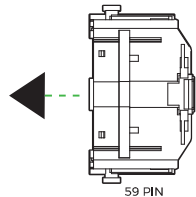
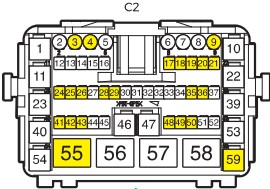
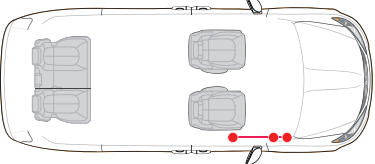
- 1. All connector call outs are in respect to the terminal insertion view.
- 2. All wires are 0.35MM, unless noted (Color ID field).

- = Empty Cavity
- = OEM Connection
- = BA Connection

To: 508454A
(Passenger
AB Overlay)

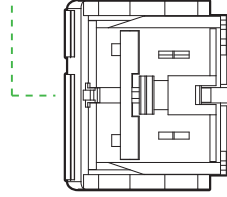
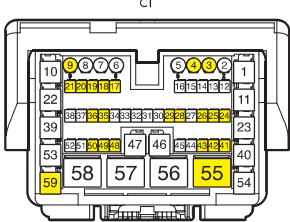


LOCATION KEY



C315 Body
Harness

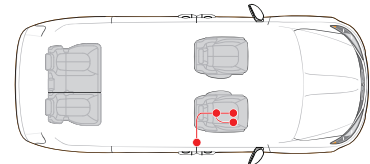
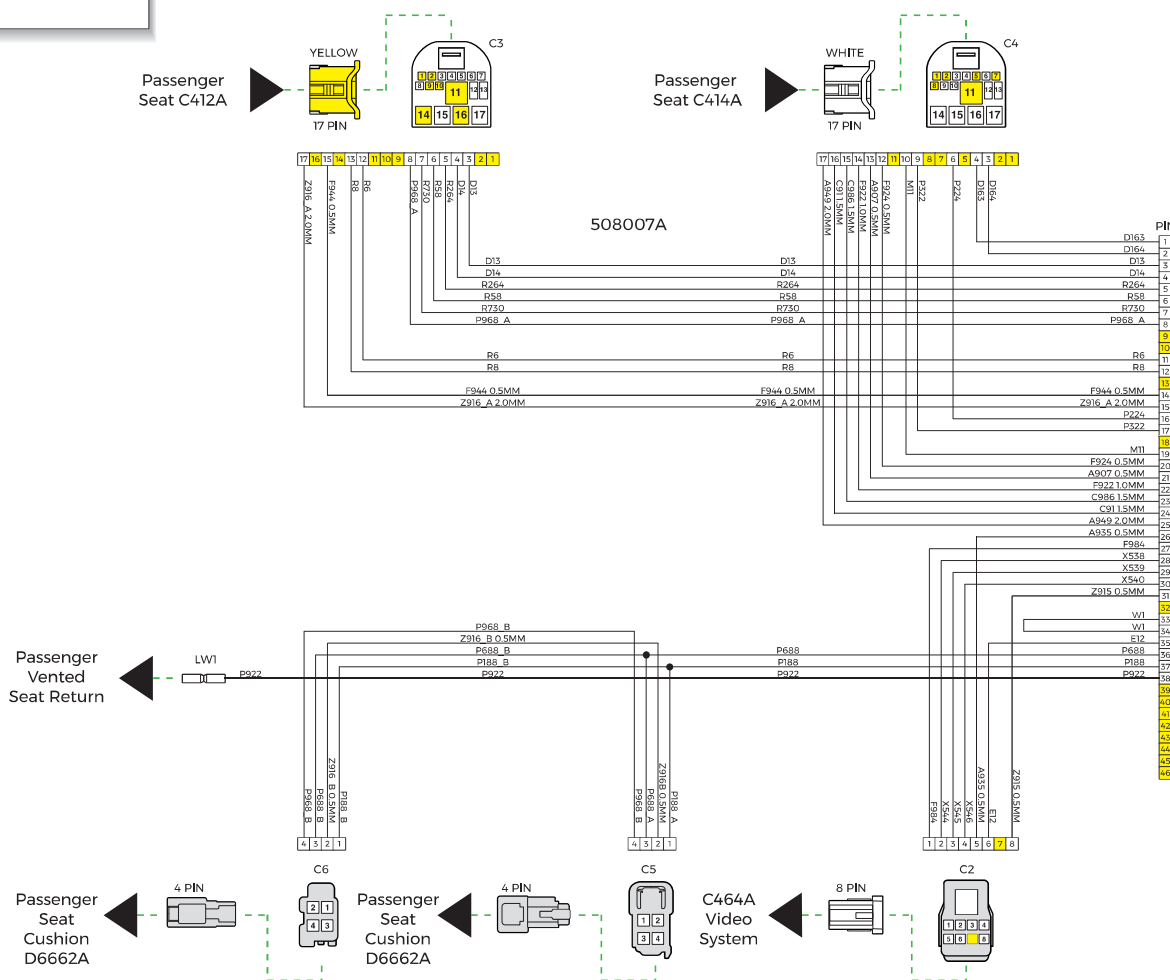
508452A		508454A	
PIN	FUNCTION	PIN	FUNCTION
1	X212 0.75MM	1	X212 0.75MM
2	A937	2	A937
3		3	
4		4	
5	D122	5	D122
6	D497	6	D497
7	D498	7	D498
8	F944_C	8	F944_C
9		9	
10	X202 0.75MM	10	X202 0.75MM
11	X382 0.75MM	11	X262 0.75MM
12	X970	12	X970
13	X971	13	X971
14	DRANWIRE	14	DRANWIRE
15	D64	15	D64
16	D65	16	D65
17		17	
18		18	
19		19	
20		20	
21		21	
22	X292 0.75MM	22	X292 0.75MM
23	X206 0.75MM	23	X206 0.75MM
24		24	
25		25	
26		26	
27	G201	27	C201
28		28	
29		29	
30	D248	30	D248
31	D249	31	D249
32	F12	32	F12
33	D213	33	D213
34	D214	34	D214
35		35	
36		36	
37	B92	37	B92
38	R90	38	R90
39	X301 0.75MM	39	X301 0.75MM
40	X296 0.75MM	40	X296 0.75MM
41		41	
42		42	
43		43	
44	D264	44	D264
45	D265	45	D265
46	X304 0.75MM	46	X304 0.75MM
47	X394 0.75MM	47	X394 0.75MM
48		48	
49		49	
50		50	
51	D448	51	D448
52	D449	52	D449
53	X391 0.75MM	53	X391 0.75MM
54	A910 0.5MM	54	A910 0.5MM
55		55	
56	A111 2.0MM	56	A111 2.0MM
57	C911 1.5MM	57	C911 1.5MM
58	C986 1.5MM	58	C986 1.5MM
59		59	



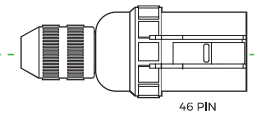
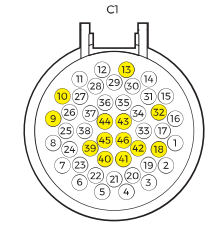
C315 Dash
Harness

WIRING DIAGRAM - PASSENGER SEAT - SEAT SIDE

Unfold for:
Wiring Diagram
C315 - Passenger Side



LOCATION KEY



TO: 508454A
(Passenger Airbag Overlay)

PIN	FUNCTION
1	Heat Seat CAN LHS (1)
2	Heat Seat CAN RHS (2)
3	SRS CAN C (3)
4	SRS CAN C (3)
5	PASS Position Voltage
6	PASS Seat Belt Sense
7	PASS Seat Detect RET
8	Heat Seat Sensor RET
9	-
10	-
11	RS Thorax Squib L12
12	RS Thorax Squib L11
13	-
14	Run/Start - F56
15	Seat GND
16	Slow Assist RET
17	PASS Seat Slow Signal
18	-
19	Courtesy Lamps Driver
20	IGN FMR Seat - F91
21	Lumber Adjust - F30
22	Seat Heat IGN F89
23	Heat Steer Wheel RET
24	Heat Steer Wheel Feed
25	BAT (Breaker)
26	BAT Video Screen - F30
27	Backlight - F77
28	Audio Right 2
29	Audio Left 2
30	Audio Return 2
31	Video Screen GND
32	-
33	PASS Present Jumper
34	PASS Present Jumper
35	Panel Lamps GWR
36	PASS Heat Temp Sense
37	PASS Heat Seat Control
38	Vent Seat Return
39	-
40	-
41	-
42	-
43	-
44	-
45	-
46	-

DRAWING NOTES

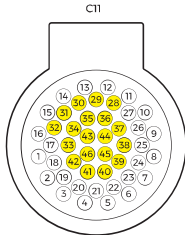
1. All connector call outs are in respect to the terminal insertion view.
2. All wires are 0.35MM, unless noted Color ID field).

- = Empty Cavity
- = OEM Connection
- = BA Connection

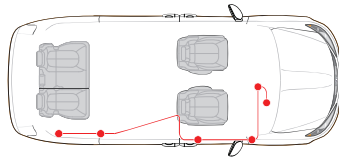
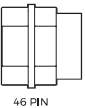
DRAWING NOTES

1. All connector call outs are in respect to the terminal insertion view.
2. All wires are 0.35MM, unless noted Color ID field.

- Empty Cavity
- OEM Connection
- BA Connection

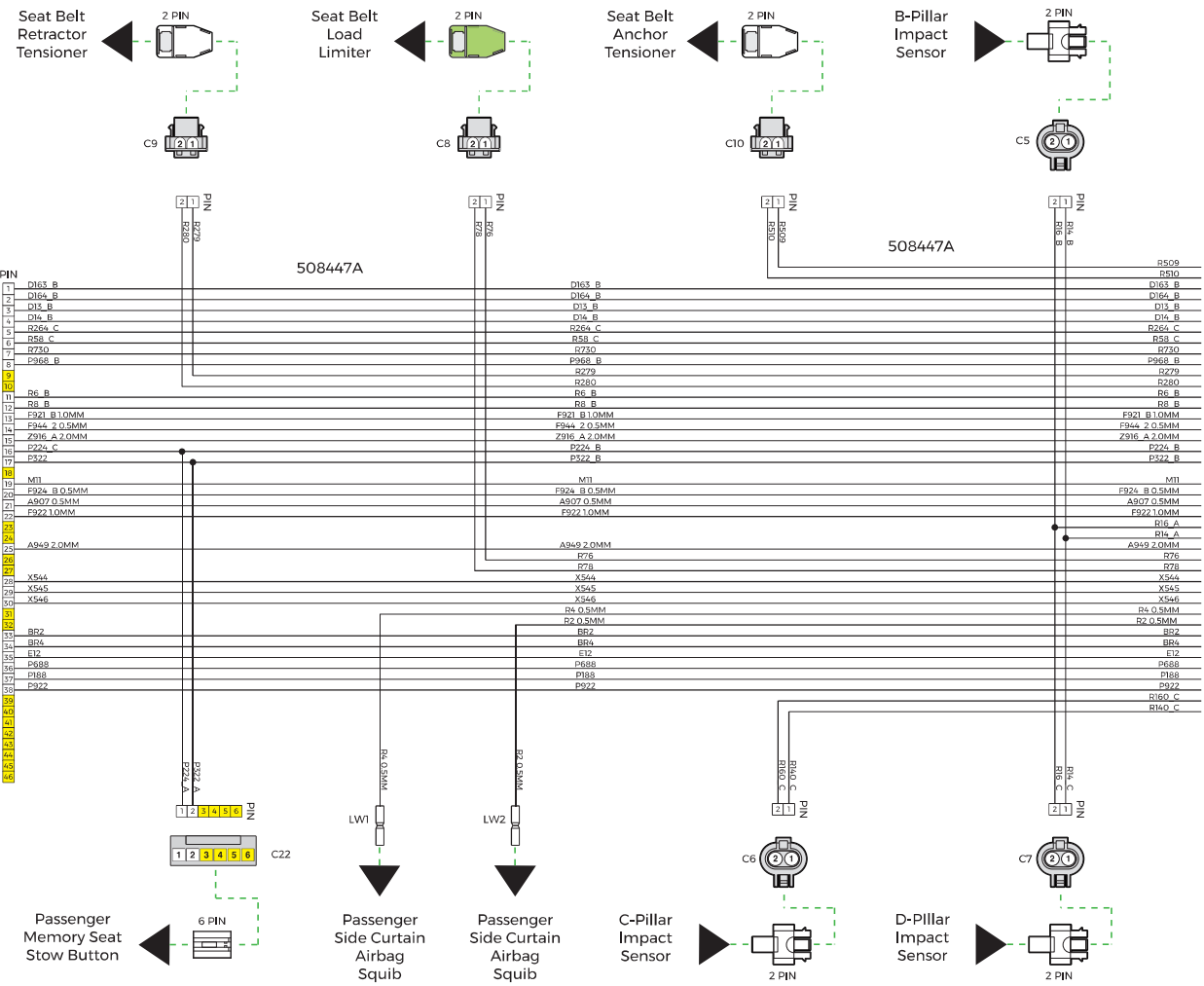


From: 508007A (Passenger Seat Harness) Page 23B&24B



LOCATION KEY

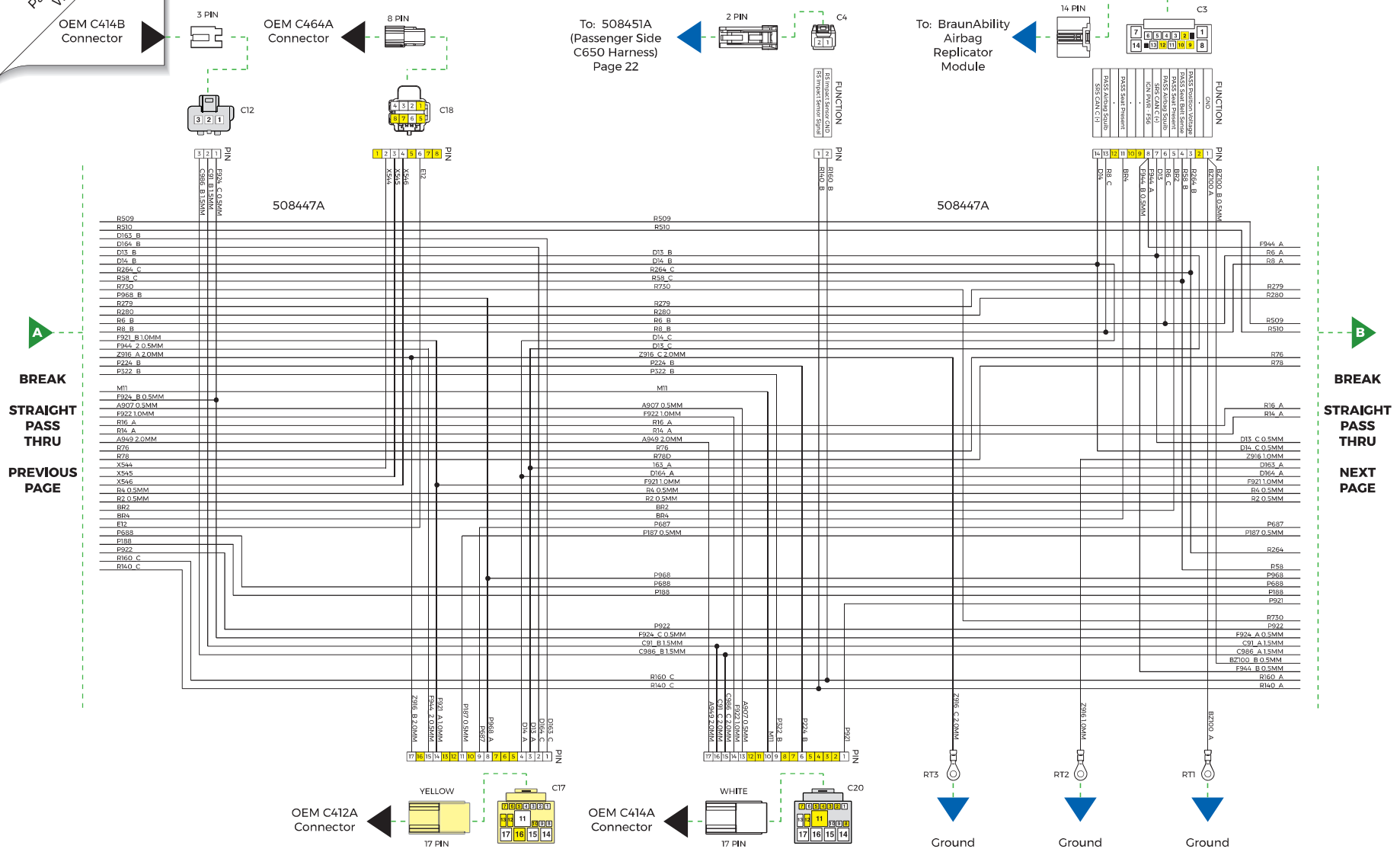
FUNCTION	PIN
Heat Seat CAN IHS (+)	T1
Heat Seat CAN IHS (-)	T2
SRS CAN C (+)	T3
SRS CAN C (-)	T4
PASS Position VbEdge	T5
PASS Seat Belt Sense	T6
PASS Seat Detect RET	T7
Heat Seat Sensor RET	T8
-	T9
-	T10
RS Thorax Squib1 L2	T11
RS Thorax Squib1 L1	T12
-	T13
Run/Start - F56	T14
Seat CND	T15
Stow Assist RET	T16
PASS Seat Stow Signal	T17
-	T18
Courtesy Lamps Drive	T19
IGN PWR Seat - F91	T20
Lumber Adjust - F30	T21
Seat Heat ECU PWR	T22
Heat Steer Wheel RET	T23
Heat Steer Wheel Feed	T24
-	T25
BAT Video Screens - F30	T26
Backlight - F77	T27
Audio Right 2	T28
Audio Left 2	T29
Audio Return 2	T30
Video Screen CND	T31
-	T32
PASS Present Jumper	T33
PASS Present Jumper	T34
Pass Jumper Drive	T35
PASS Heat Temp Sense	T36
PASS Heat Seat Control	T37
Vent Seat Return	T38
-	T39
-	T40
-	T41
-	T42
-	T43
-	T44
-	T45
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-	T95
-	T96
-	T97
-	T98
-	T99
-	T100



BREAK
STRAIGHT
PASS
THRU
NEXT
PAGE

Unfold for:
Wiring Diagram
Passenger Seat
Wall Side

WIRING DIAGRAM - PASSENGER SEAT - WALL SIDE



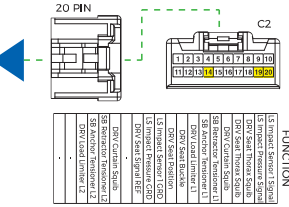
A
BREAK
STRAIGHT
PASS
THRU
PREVIOUS
PAGE

B
BREAK
STRAIGHT
PASS
THRU
NEXT
PAGE

WIRING DIAGRAM - PASSENGER SEAT - WALL SIDE

To: 508452A
(Passenger Side
C315 Harness)
Page 23A&24A

To: 508447A
(Driver Side
Airbag Overlay
Harness)
Page 23A&24A



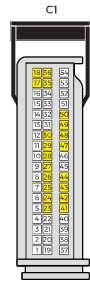
Comfort Seat &
Steering Wheel
Module

Comfort Seat &
Steering Wheel
Module

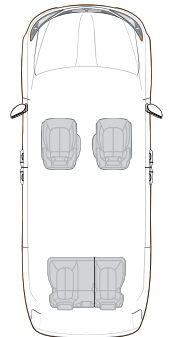
DRAWING NOTES

- All connector call outs are in respect to the terminal insertion view.
- All wires are 0.35MM, unless noted Color ID field).

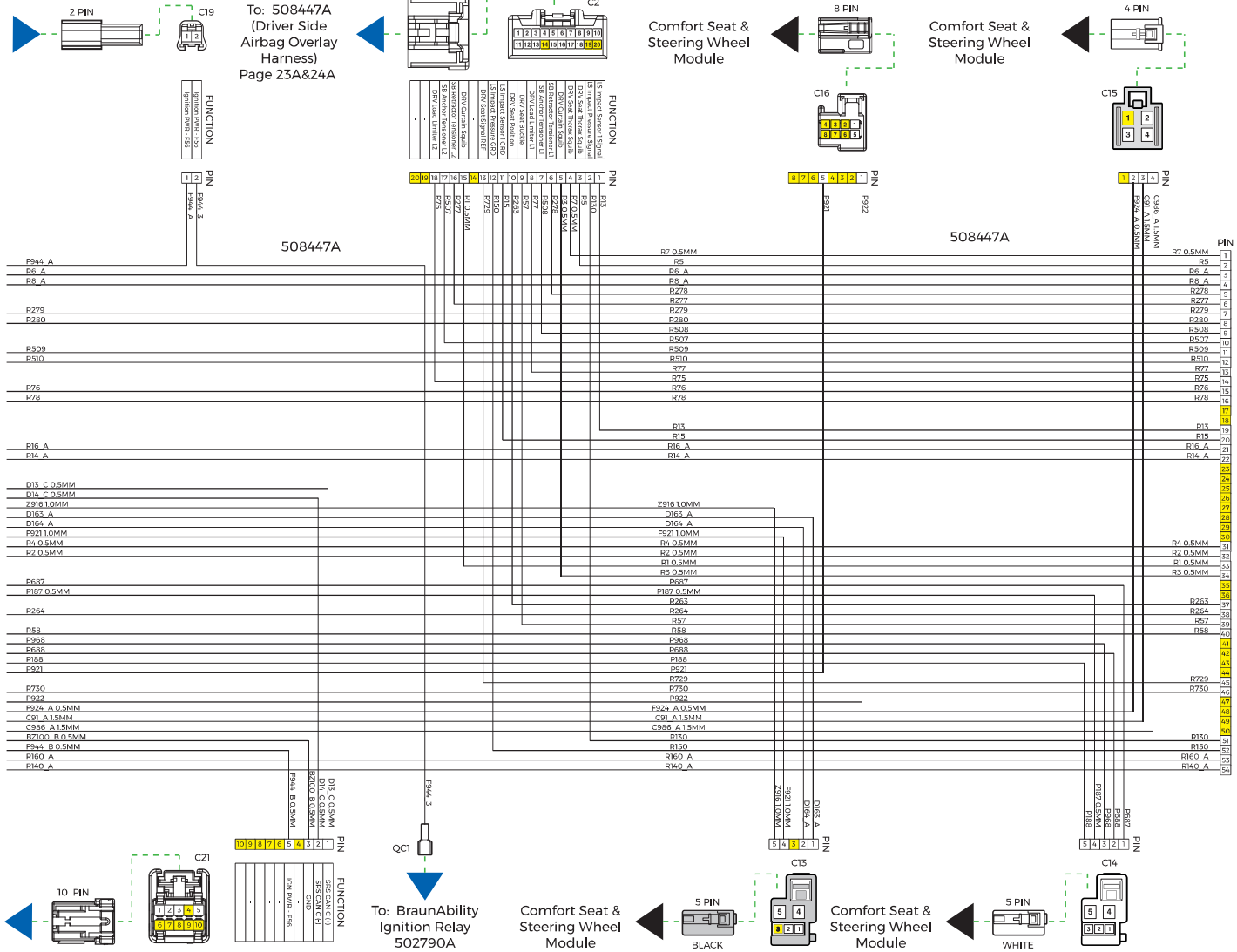
- Empty Cavity
- OEM Connection
- BA Connection



To: Occupant
Restraint
Controller



BREAK
STRAIGHT
PASS
THRU
PREVIOUS
PAGE



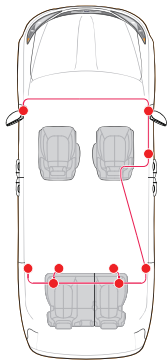
Unfold for:
Wiring Diagram
Passenger Seat
Wall Side

WIRING DIAGRAM - LIGHTS

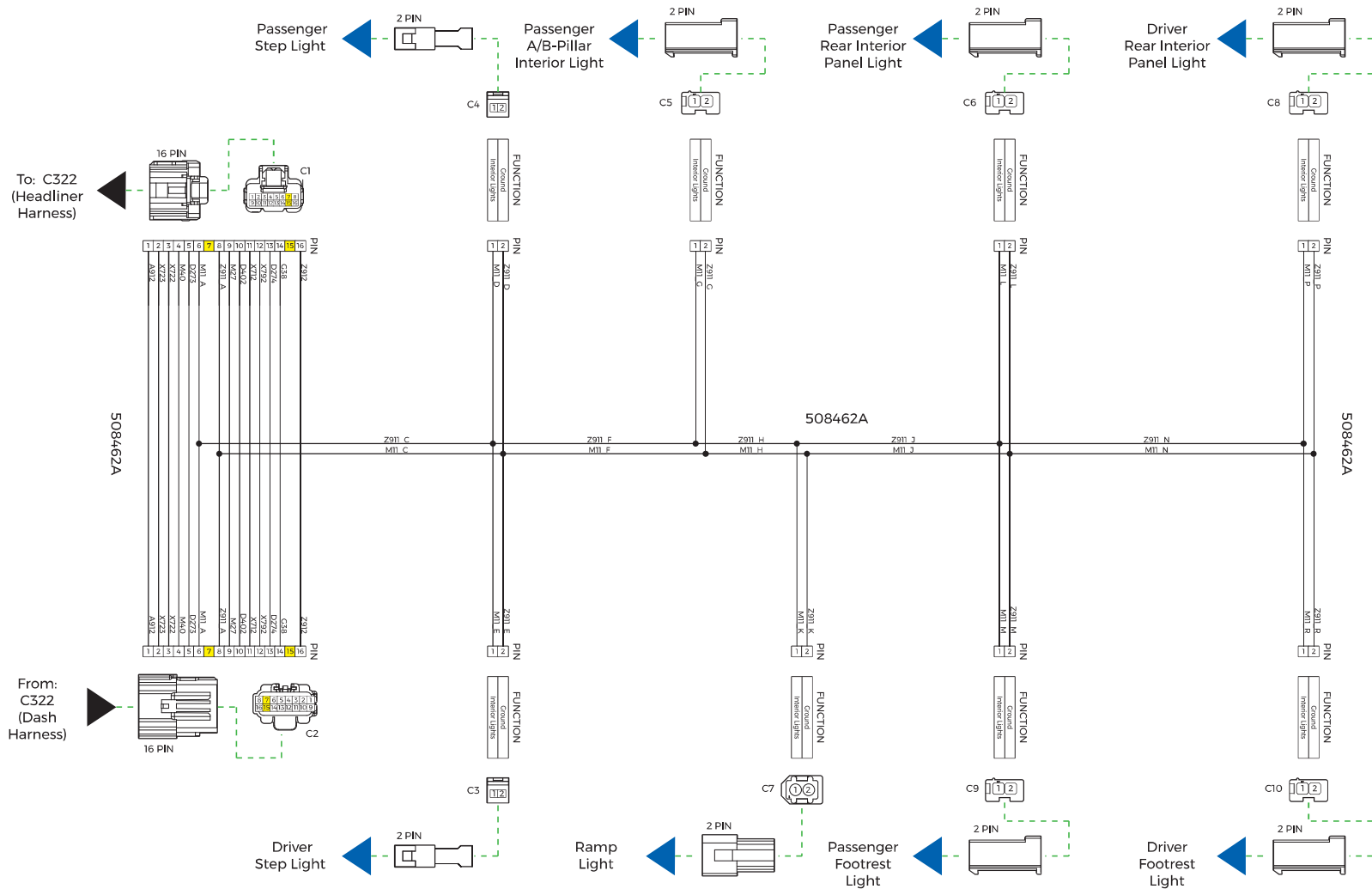
DRAWING NOTES

1. All connector call outs are in respect to the terminal insertion view.
2. All wires are 0.35MM, unless noted (Color ID field).

- = Empty Cavity
- ▶ = OEM Connection
- ▶ = BA Connection



LOCATION KEY

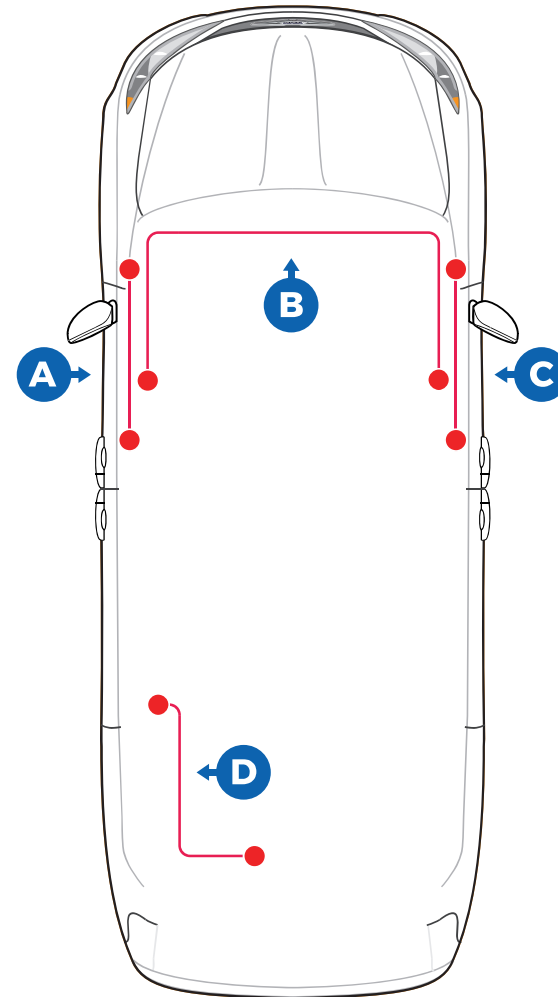


Extension Harnesses

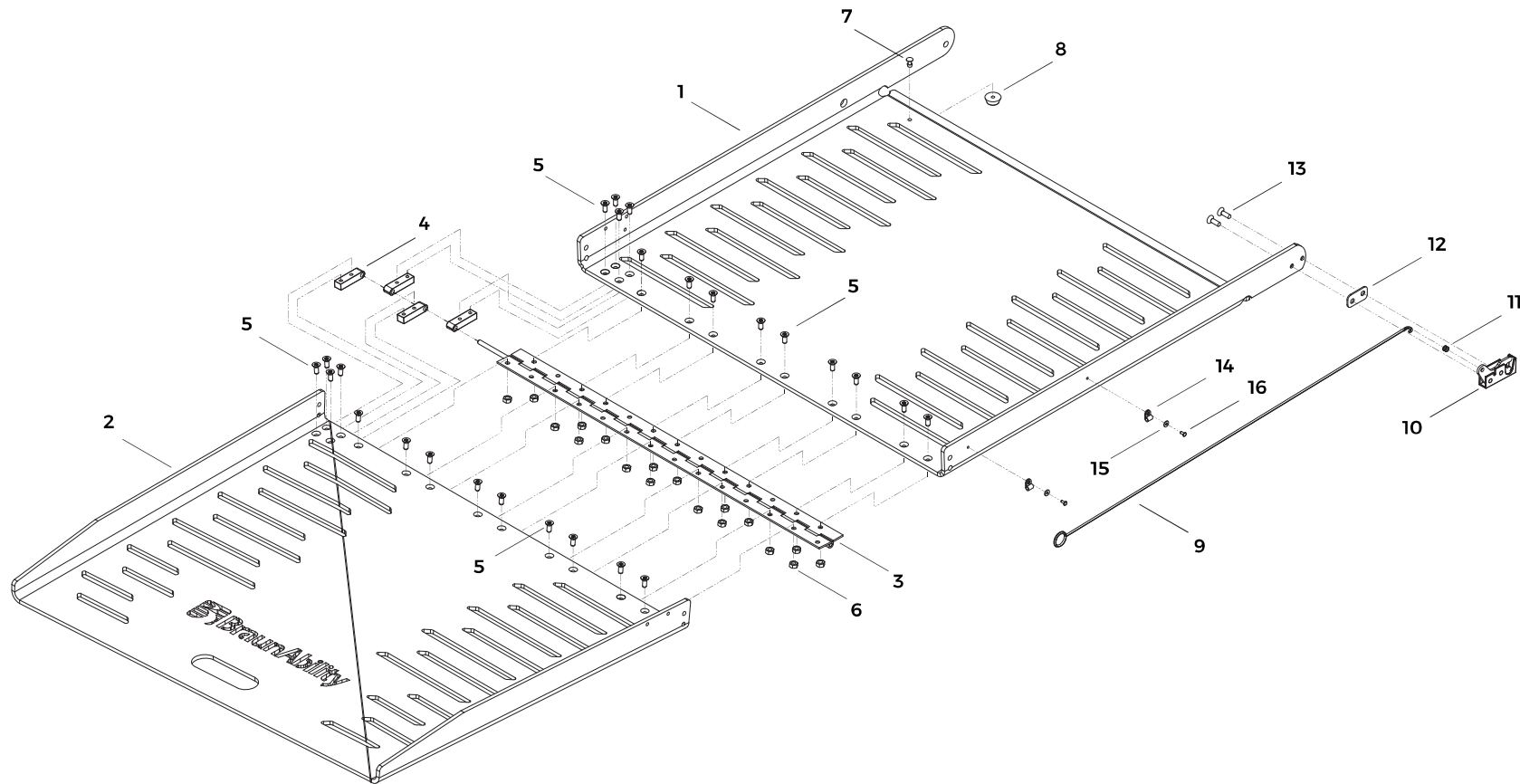
To accommodate the dropped floor in the wheelchair accessible vehicle, several OEM harnesses have been extended. These extension harnesses are equipped with OEM connectors. The OEM circuit function is a direct "pass-thru" and not effected by the extension harness. To troubleshoot the extension harnesses use the OEM documentation.

PART #	DESCRIPTION	LOCATION
508443A	Harness-Voyager-C313-Extension	A
508445A	Harness-Voyager-HCH-Brown-C600D-Extension	A
508446A	Harness-Voyager-HCH-C401-Extension	A
508450A	Harness-Voyager-HCH-C440-Extension	B
508459A	Harness-Voyager-HCH-C441-Extension	B
508458A	Harness-Voyager-HCH-C442-Extension	B
508460A	Harness-Voyager-HCH-C402A-Extension	C
508453A	Harness-Voyager-HCH-C402B-Extension	C
508463A	Harness-Voyager-HCH-Brown-C650D-Extension	C
502627A	Harness-Voyager-Fuel Pump-Extension	D

Note: Vehicle harness extension usage is dependant on your vehicle's trim and option configuration. Not all extensions are applicable for all conversions. Refer to the extensions applicable to your vehicle and disregard the extensions that do not apply.



EXPLODED VIEW - 50/50 MANUAL FOLDOUT SWING RAMP - PLATFORM ASSEMBLY



Part List - 50/50 Manual Foldout Swing Ramp - Platform Assembly

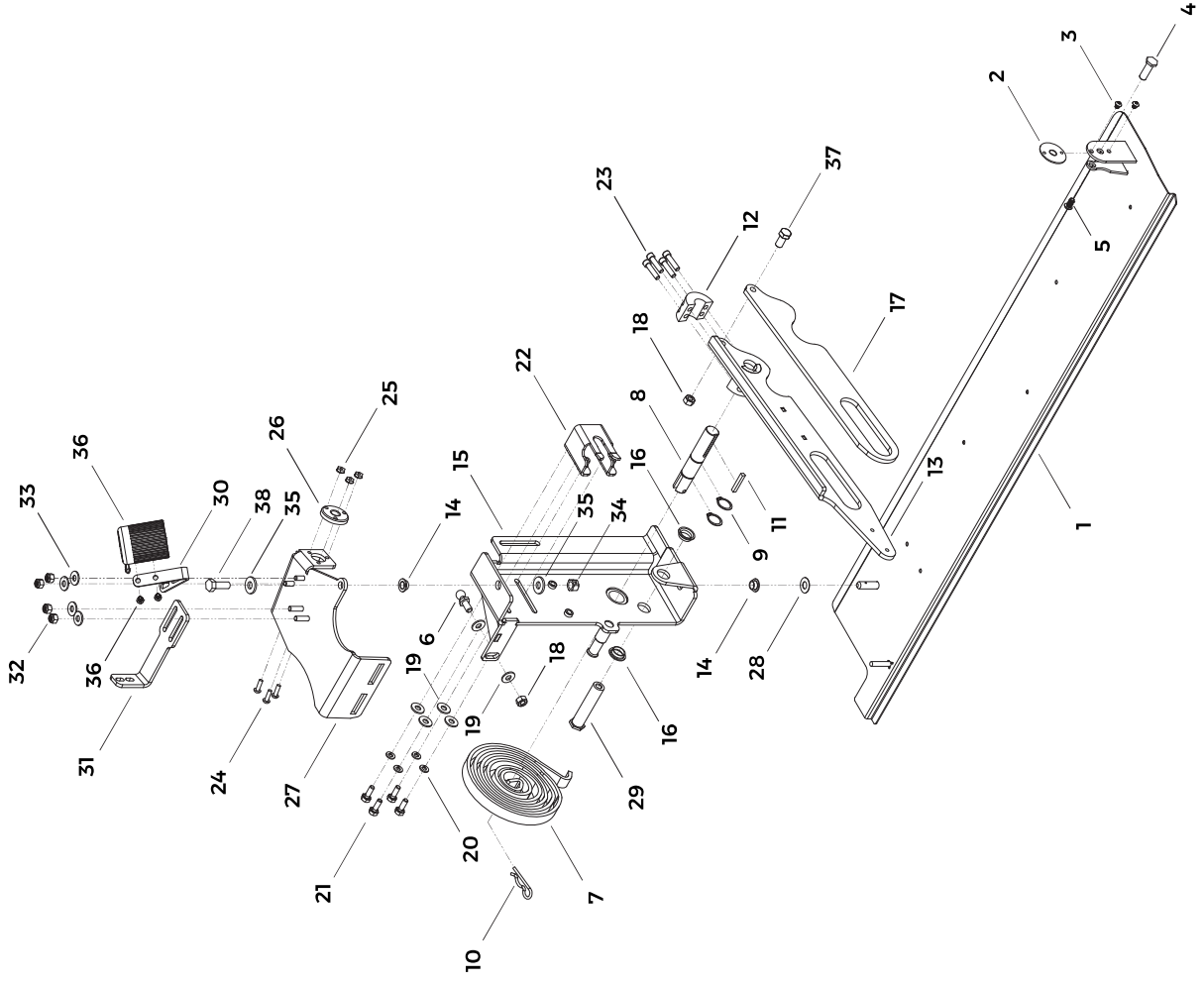
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	RAMP-SWING BASE/RU ADA - 50/50 - DK SLATE	509138DS
	1	RAMP-SWING BASE/RU ADA - 50/50 - MD SLATE	509138MS
2	1	RAMP-EXTENSION/RU ADA - 50/50 - DK SLATE	509139DS
	1	RAMP-EXTENSION/RU ADA - 50/50 - MD SLATE	509139MS
3	1	HINGE ASSY-29.5"	504856
4	4	HINGE-RAMP 50/50 HD	504855
5	26	1/4-20 x 5/8 FHCS W/PATCH - TORX	38597
6	18	NUT-1/4-20 HEX LOCK/AUTO-BK	10775
7	1	RIV - 3/16" X .251 - .375" / ALUM - BK	38599
8	1	BUMPER-RUBBER RECES.31/32 OD	10950
9	1	LATCH PULL\RU ADA	510157
10	1	LATCH-WITH RUBBER SNUBBER\ RU ADA	510156
11	1	GROMMET-5/32 HOLE-7/16 X 1/4 GROV-RUBBER	29426
12	1	SHIM PLATE	503172BK
13	2	FHSCS 1/4-20 X 3/4 ZINC PLATED	18708
14	2	CLAMO-3/16 ID NYLON LOOP BLACK	28326
15	2	WASHER-#6 FLAT 18-8 SS	11490
16	2	RIV-POP-SD43BS-1/8"- .13/.19/AUTO-BK	12954

EXPLODED VIEWS

Part List - 50/50 Manual Foldout Swing Ramp - Threshold / Tower Assembly

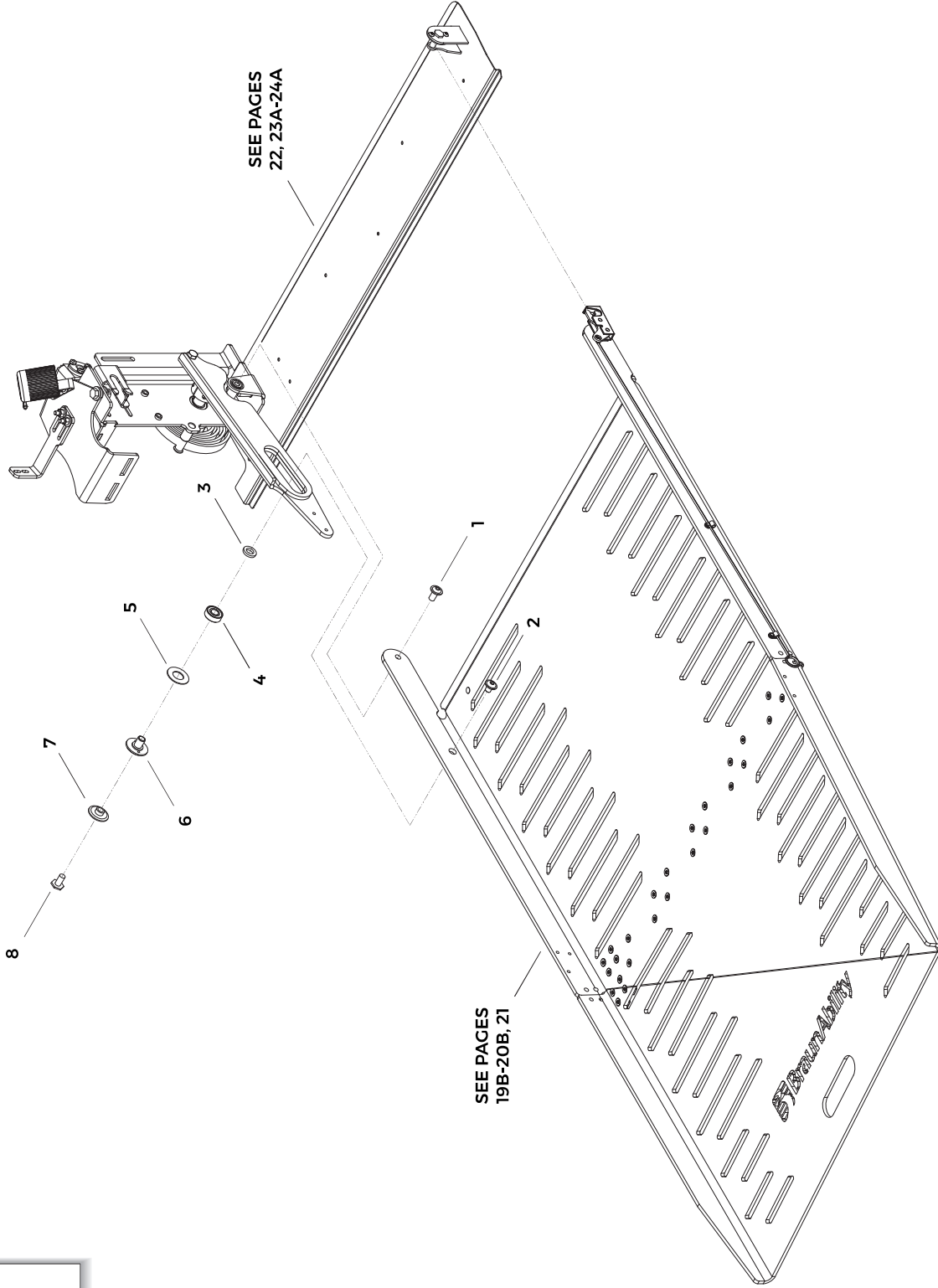
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	WMT - THRESHOLD\ RU ADA - DK SLATE	510128WDS
	1	WMT - THRESHOLD\ RU ADA - MD SLATE	510128WMS
2	1	RAMP LATCH GUIDE RU ADA	509800
3	2	SCREW - #10-32 BY 1/4" - TORX - BHSC	510132
4	1	BARREL NUT\ RU ADA	509692
5	1	SCREW - 1/4"-20 BY 1/2" - TORX - BHSC	510131
6	1	BALL STUD-13MM,5/16-18 MALE (GAS SPRING)	12611
7	1	SPRING-POWER/CLOCK/MAN RAMP	28258
8	1	SHAFT-30" MANUAL RAMP/GM VENTURE	E41507
9	2	RING-3/4 EXT SNAP/AUTO-BK	18657
10	1	COTTER-HAIRPIN-1.938 L-.5 SHFT	18832
11	1	KEY-3/16X3/16X1 1/4"	11002
12	1	COLLAR-SPLIT-3/4" SHAFT/RMP MTR/INNER	52565-2905BK
13	1	WMT - RAMP ARM \RU ADA	509188WBK
14	2	BEARING-PLASTIC-FLANGE-3/8IDX1/4"	24028
15	1	WMT - RAMP HOUSING \ RU ADA	509622WBK
16	2	BEARING-FLANGE-5/8" X 1/4"-10FDU04	28435
17	1	SUPPORT - RAMP TO RAMP ARM\ RU ADA	509693
18	2	NUT-5/16-18 HEX LOCK/AUTO-BK	11387BK
19	6	WASHER-1/4" FLAT/AUTO-BK	10062
20	4	WASHER-1/4" LOCK/AUTO-BK	10067
21	4	BOLT-1/4-20 X 3/4 GR5-HEX/AUTO-BK	10970
22	1	BKT-RAMP LATCH CATCH/ADJUSTABLE	509697A
23	4	SCREW-1/4-20 X 1" SOC HD CAP	24221
24	3	SCREW-#10-32X5/8" BHCS	25126
25	3	NUT-#10-32 W/LOCKWASHER/AUTO-BK	18349
26	1	SOCKET-UHMW-DETENT-RAMP/OPEN	E40248
27	1	WMT - SWING RAMP BODY MOUNT \ RU ADA	509433WBK
28	1	WASHER-PVC 3/8 X 1 X 1/16" GR	19039
29	1	FOLDOUT RAMP AXLE\RU ADA	509691
30	1	BKRT - RAMP LIGHT\ RU ADA	509696BK
31	1	BRKT - UPPER RAMP MOUNT SUPPORT \RU ADA	509731BK
32	4	NUT - 1/4-20 NYLOCK AUTO BLACK	14614
33	4	WASHER-1/4" FLAT/AUTO-BK	10062
34	1	NUT-3/8-16 UNC HEX LOCK/AUTO-BK	13617
35	2	WASHER-5/16 FLAT	10063
36	1	LIGHT ASSY-LED PLATFORM LIGHT	37968
37	1	BOLT-3/8-16 X 3/4 GR5-HEX	12463
38	1	HDWR - SHOULDER BOLT - UPPER PIVOT \ RU ADA	510246

EXPLODED VIEW - 50/50 MANUAL FOLDOUT SWING RAMP - THRESHOLD / TOWER ASSEMBLY



Unfold for
50/50 Manual Foldout Swing
Ramp - Threshold / Tower Assembly

EXPLODED VIEW - 50/50 MANUAL FOLDOUT SWING RAMP - OVERALL ASSEMBLY



Part List - 50/50 Manual Foldout Swing Ramp - Overall Assembly

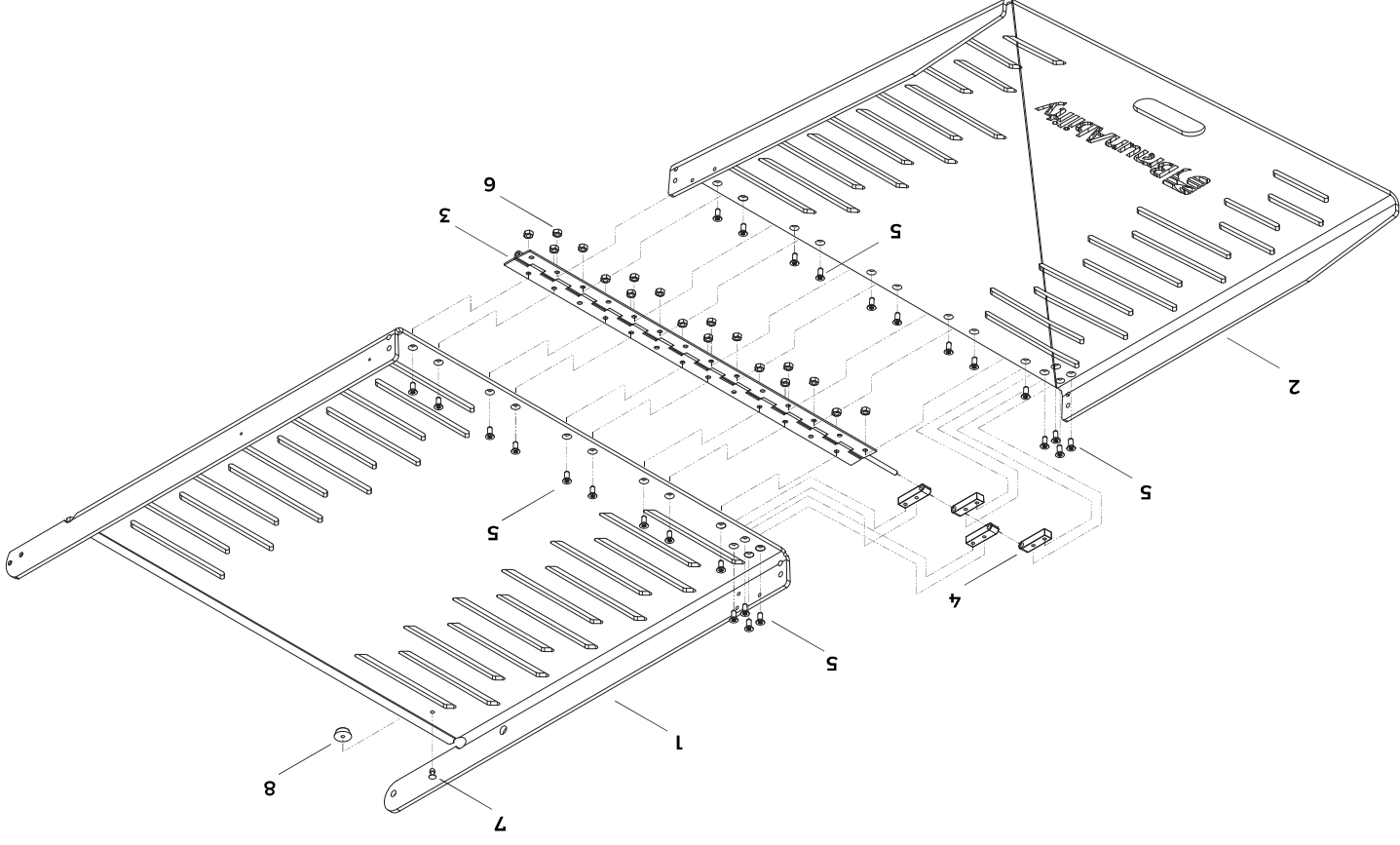
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	BOLT 3/8 16 X 3/4" FLBHSCS GD8	25171
2	1	BOLT-3/8-16 X 1/2" FLBHSCS 6G8/PATCH	29942
3	1	SPACER-RAMP ARM JOINT \RU ADA	510269
4	1	BEARING-1/2ID X 1 1/8 OD-BALL	21371
5	1	WASHER-UHMW 1.500 OD X .76 ID X 0.062	29680
6	1	RETAINER - BEARING\RU ADA	510268
7	1	PIN-RAMP SUPPORT-96SC 30" RAMP	509704
8	1	RETAINER-BEARING-RAMP CATCH	509688

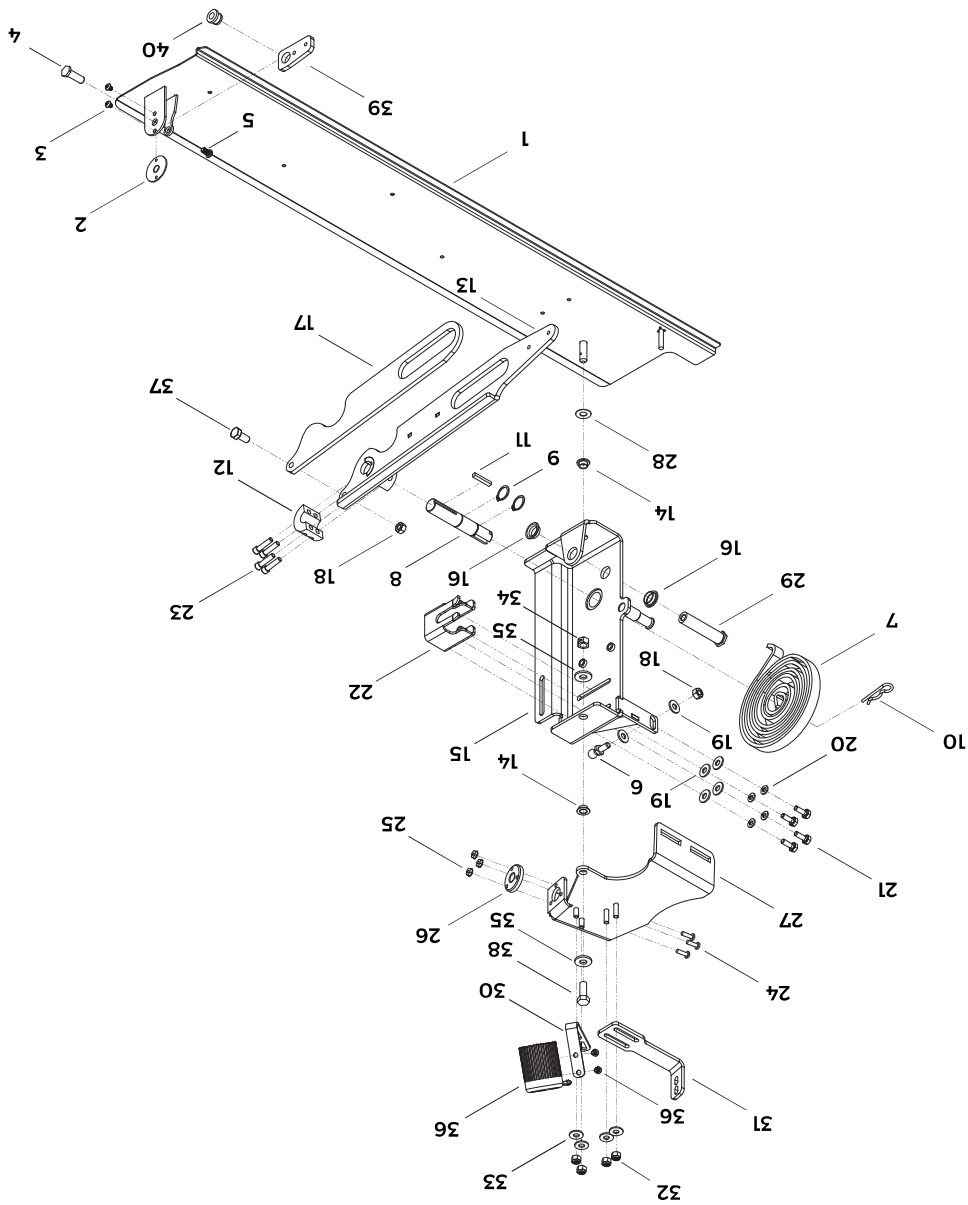
EXPLODED VIEWS

Part List - 50/50 Manual Foldout Ramp - Platform Assembly

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	RAMP-SWING BASE/RU ADA - 50/50 - DK SLATE	509138DS
	1	RAMP-SWING BASE/RU ADA - 50/50 - MD SLATE	509138MS
2	1	RAMP-EXTENSION/RU ADA - 50/50 - DK SLATE	509139DS
	1	RAMP-EXTENSION/RU ADA - 50/50 - MD SLATE	509139MS
3	1	HINGE ASSY-29.5"	504856
4	4	HINGE-RAMP 50/50 HD	504855
5	26	1/4-20 x 5/8 FHCS W/PATCH - TORX	38597
6	18	NUT-1/4-20 HEX LOCK/AUTO-BK	10775
7	1	RIV - 3/16" X .251 - .375" / ALUM - BK	38599
8	1	BUMPER-RUBBER RECES.31/32 OD	10950

EXPLODED VIEW - 50/50 MANUAL FOLDOUT RAMP - PLATFORM ASSEMBLY





EXPLODED VIEW - 50/50 MANUAL FOLDOUT RAMP - THRESHOLD / TOWER ASSEMBLY

Unfold for:
Explored View
50/50 Manual Foldout
Ramp - Platform Assembly

Part List - 50/50 Manual Foldout Ramp - Threshold / Tower Assembly

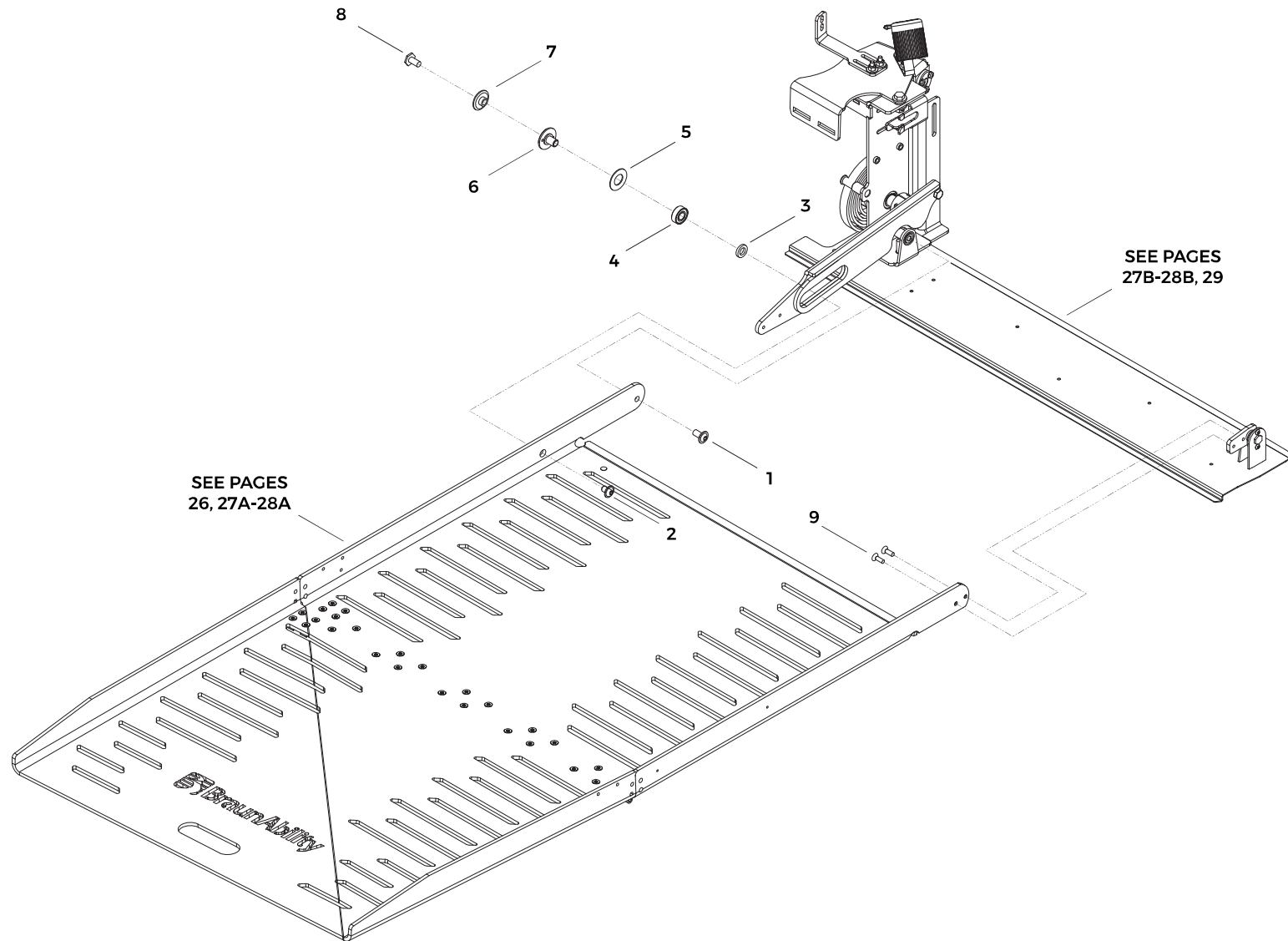
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	WMT - THRESHOLD\ RU ADA - DK SLATE	510128WDS
	1	WMT - THRESHOLD\ RU ADA - MD SLATE	510128WMS
2	1	RAMP LATCH GUIDE RU ADA	509800
3	2	SCREW - #10-32 BY 1/4" - TORX - BHSC	510132
4	1	BARREL NUT\ RU ADA	509692
5	1	SCREW - 1/4"-20 BY 1/2" - TORX - BHSC	510131
6	1	BALL STUD-13MM,5/16-18 MALE (GAS SPRING)	12611
7	1	SPRING-POWER/CLOCK/MAN RAMP	28258
8	1	SHAFT-30" MANUAL RAMP/GM VENTURE	E41507
9	2	RING-3/4 EXT SNAP/AUTO-BK	18657
10	1	COTTER-HAIRPIN-1.938 L-.5 SHFT	18832
11	1	KEY-3/16X3/16X1 1/4"	11002
12	1	COLLAR-SPLIT-3/4" SHAFT/RMP MTR/INNER	52565-2905BK
13	1	WMT - RAMP ARM \RU ADA	509188WBK
14	2	BEARING-PLASTIC-FLANGE-3/8IDX1/4"	24028
15	1	WMT - RAMP HOUSING \ RU ADA	509622WBK
16	2	BEARING-FLANGE-5/8" X 1/4"-10FDU04	28435
17	1	SUPPORT - RAMP TO RAMP ARM\ RU ADA	509693
18	2	NUT-5/16-18 HEX LOCK/AUTO-BK	11387BK
19	6	WASHER-1/4" FLAT/AUTO-BK	10062
20	4	WASHER-1/4" LOCK/AUTO-BK	10067
21	4	BOLT-1/4-20 X 3/4 GR5-HEX/AUTO-BK	10970
22	1	BKT-RAMP LATCH CATCH/ADJUSTABLE	509697A
23	4	SCREW-1/4-20 X 1" SOC HD CAP	24221
24	3	SCREW-#10-32X5/8" BHCS	25126
25	3	NUT-#10-32 W/LOCKWASHER/AUTO-BK	18349
26	1	SOCKET-UHMW-DETENT-RAMP/OPEN	E40248
27	1	WMT - SWING RAMP BODY MOUNT \ RU ADA	509433WBK
28	1	WASHER-PVC 3/8 X 1 X 1/16" GR	19039
29	1	FOLDOUT RAMP AXLE\RU ADA	509691
30	1	BKRT - RAMP LIGHT\ RU ADA	509696BK
31	1	BRKT - UPPER RAMP MOUNT SUPPORT \RU ADA	509731BK
32	4	NUT - 1/4-20 NYLOCK AUTO BLACK	14614
33	4	WASHER-1/4" FLAT/AUTO-BK	10062
34	1	NUT-3/8-16 UNC HEX LOCK/AUTO-BK	13617
35	2	WASHER-5/16 FLAT	10063
36	1	LIGHT ASSY-LED PLATFORM LIGHT	37968
37	1	BOLT-3/8-16 X 3/4 GR5-HEX	12463
38	1	HDWR - SHOULDER BOLT - UPPER PIVOT \ RU ADA	510246
39	1	PIVOT BRACKET/NON-SWING RAMP/BLK	E40271BK-03
40	1	BUSHING/NON-SWING RAMP/UHMW/BLK	E40272-03

EXPLODED VIEWS

Part List - 50/50 Manual Foldout Ramp - Overall Assembly

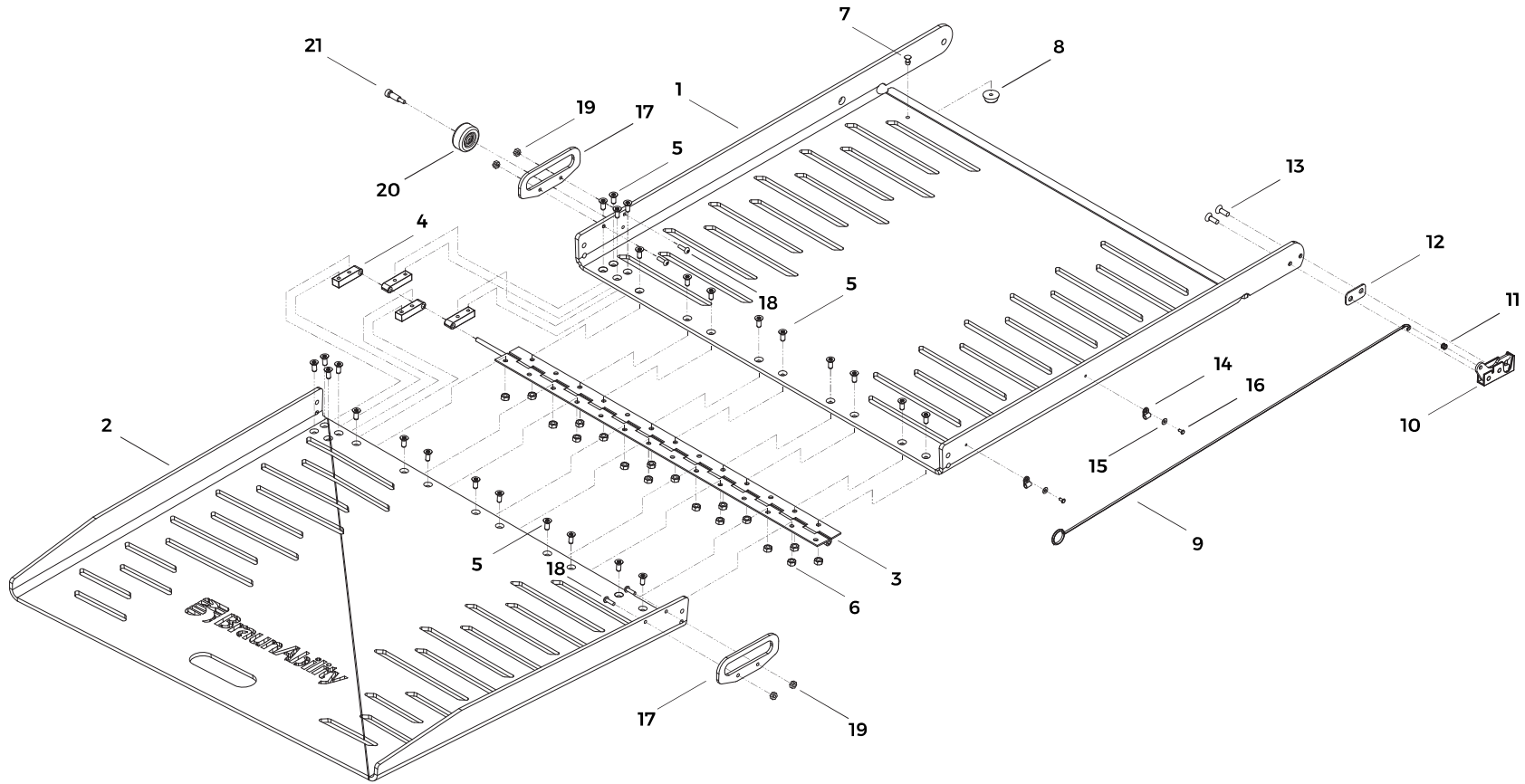
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	BOLT 3/8 16 X 3/4" FLBHSCS GD8	25171
2	1	BOLT-3/8-16 X 1/2" FLBHSCS 6G8/PATCH	29942
3	1	SPACER-RAMP ARM JOINT \RU ADA	510269
4	1	BEARING-1/2ID X 1 1/8 OD-BALL	21371
5	1	WASHER-UHMW 1.500 OD X .76 ID X 0.062	29680
6	1	RETAINER - BEARING\RU ADA	510268
7	1	PIN-RAMP SUPPORT-96SC 30" RAMP	509704
8	1	RETAINER-BEARING-RAMP CATCH	509688
9	2	FHSCS 1/4-20 X 3/4 ZINC PLATED	18708

EXPLODED VIEW - 50/50 MANUAL FOLDOUT RAMP - OVERALL ASSEMBLY



Unfold for:
Exploded View
50/50 Manual Foldout
Ramp - Overall Assembly

EXPLODED VIEW - 50/50 MANUAL FOLDOUT SWING RAMP w/ASSIST - PLATFORM ASSEMBLY



Part List - 50/50 Manual Foldout Swing Ramp w/Assist - Platform Assembly

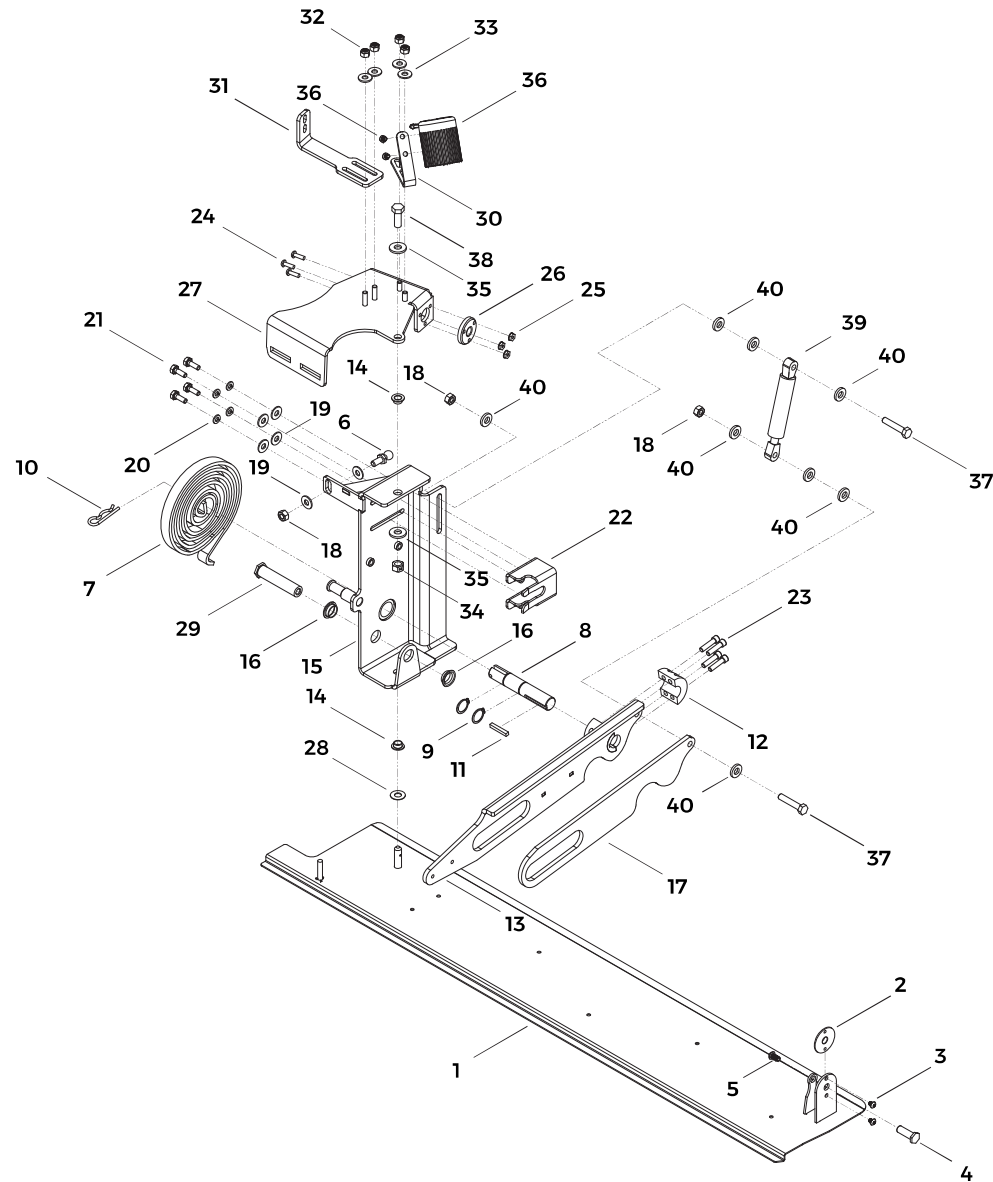
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	RAMP-SWING BASE/RU ADA - 50/50 - DK SLATE	509138DS
	1	RAMP-SWING BASE/RU ADA - 50/50 - MD SLATE	509138MS
2	1	RAMP-EXTENSION/RU ADA - 50/50 - DK SLATE	509139DS
	1	RAMP-EXTENSION/RU ADA - 50/50 - MD SLATE	509139MS
3	1	HINGE ASSY-29.5"	504856
4	4	HINGE-RAMP 50/50 HD	504855
5	26	1/4-20 x 5/8 FHCS W/PATCH - TORX	38597
6	18	NUT-1/4-20 HEX LOCK/AUTO-BK	10775
7	1	RIV - 3/16" X .251 - .375" / ALUM - BK	38599
8	1	BUMPER-RUBBER RECES.31/32 OD	10950
9	1	LATCH PULLRU ADA	510157
10	1	LATCH-WITH RUBBER SNUBBER\ RU ADA	510156
11	1	GROMMET-5/32 HOLE-7/16 X 1/4 GROV-RUBBER	29426
12	1	SHIM PLATE	503172BK
13	2	FHSCS 1/4-20 X 3/4 ZINC PLATED	18708
14	2	CLAMO-3/16 ID NYLON LOOP BLACK	28326
15	2	WASHER-#6 FLAT 18-8 SS	11490
16	2	RIV-POP-SD43BS-1/8"- .13/.19/AUTO-BK	12954
17	2	RAMP HANDLE-BOLT ON/CALACT	E51584Y
18	4	SCREW-#10-32X5/8" BHCS	25126
19	4	NUT - 10-32 HEX CENTER LOCK/AUTO-BK	34290BK
20	1	WHEEL-CUSHION TREAD RUBBER-INFLOOR	61-4018-0
21	1	BOLT-SHLDR 5/16"OD X 3/4-1/4-20 SKT	18073

EXPLODED VIEWS

Part List - 50/50 Manual Foldout Swing Ramp w/Assist - Threshold / Tower Assembly

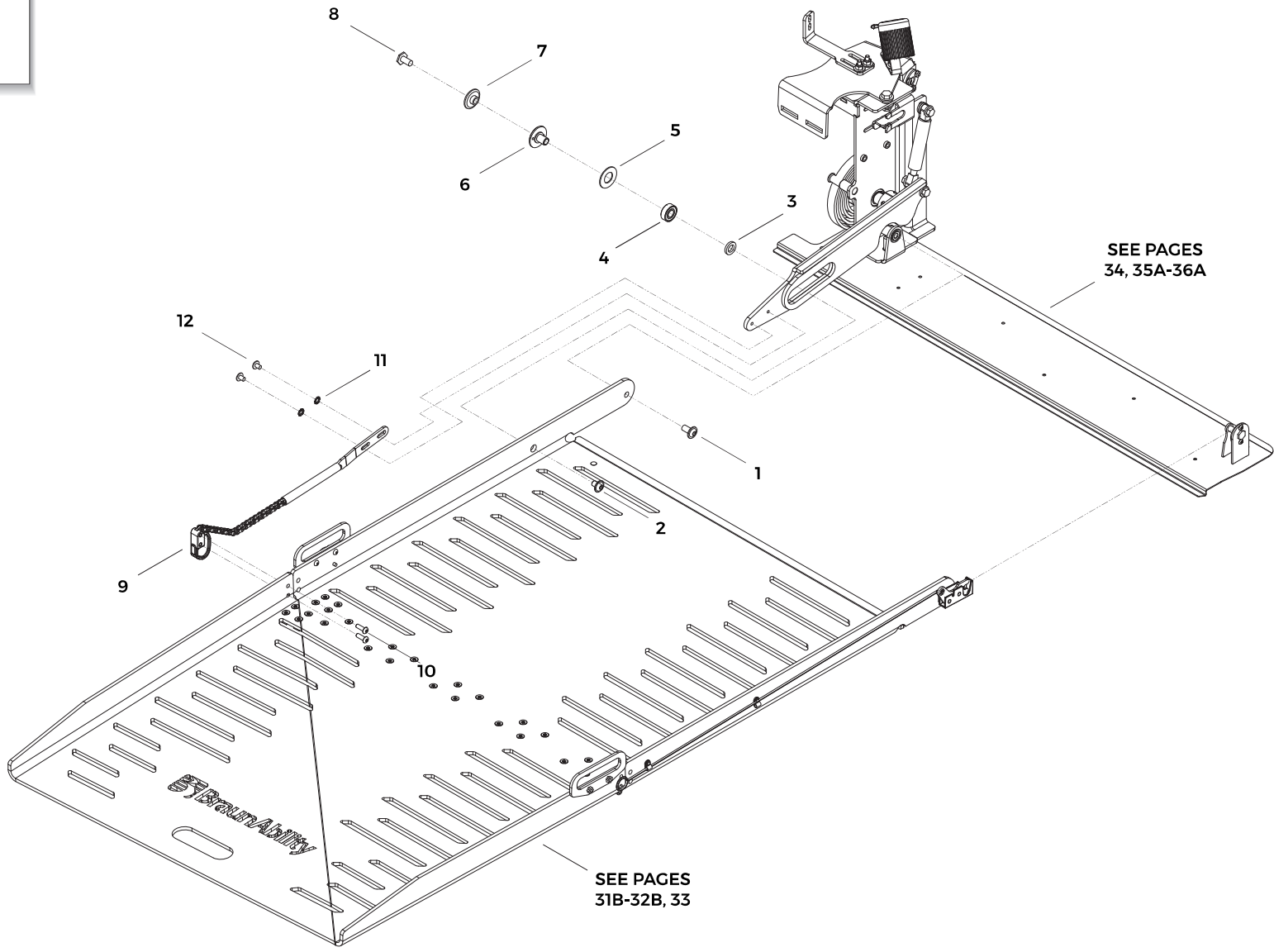
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	WMT - THRESHOLD\ RU ADA - DK SLATE	510128WDS
	1	WMT - THRESHOLD\ RU ADA - MD SLATE	510128WMS
2	1	RAMP LATCH GUIDE RU ADA	509800
3	2	SCREW - #10-32 BY 1/4" - TORX - BHSC	510132
4	1	BARREL NUT\ RU ADA	509692
5	1	SCREW - 1/4"-20 BY 1/2" - TORX - BHSC	510131
6	1	BALL STUD-13MM,5/16-18 MALE (GAS SPRING)	12611
7	1	SPRING-POWER/CLOCK/MAN RAMP	28258
8	1	SHAFT-30" MANUAL RAMP/GM VENTURE	E41507
9	2	RING-3/4 EXT SNAP/AUTO-BK	18657
10	1	COTTER-HAIRPIN-1.938 L-.5 SHFT	18832
11	1	KEY-3/16X3/16X1 1/4"	11002
12	1	COLLAR-SPLIT-3/4" SHAFT/RMP MTR/INNER	52565-2905BK
13	1	WMT - RAMP ARM \RU ADA	509188WBK
14	2	BEARING-PLASTIC-FLANGE-3/8IDX1/4"	24028
15	1	WMT - RAMP HOUSING \ RU ADA	509622WBK
16	2	BEARING-FLANGE-5/8" X 1/4"-10FDU04	28435
17	1	SUPPORT - RAMP TO RAMP ARM\ RU ADA	509693
18	3	NUT-5/16-18 HEX LOCK/AUTO-BK	11387BK
19	6	WASHER-1/4" FLAT/AUTO-BK	10062
20	4	WASHER-1/4" LOCK/AUTO-BK	10067
21	4	BOLT-1/4-20 X 3/4 GR5-HEX/AUTO-BK	10970
22	1	BKT-RAMP LATCH CATCH/ADJUSTABLE	509697A
23	4	SCREW-1/4-20 X 1" SOC HD CAP	24221
24	3	SCREW-#10-32X5/8" BHCS	25126
25	3	NUT-#10-32 W/LOCKWASHER/AUTO-BK	18349
26	1	SOCKET-UHMW-DETENT-RAMP/OPEN	E40248
27	1	WMT - SWING RAMP BODY MOUNT \ RU ADA	509433WBK
28	1	WASHER-PVC 3/8 X 1 X 1/16" GR	19039
29	1	FOLDOUT RAMP AXLE\RU ADA	509691
30	1	BKRT - RAMP LIGHT\ RU ADA	509696BK
31	1	BRKT - UPPER RAMP MOUNT SUPPORT \RU ADA	509731BK
32	4	NUT - 1/4-20 NYLOCK AUTO BLACK	14614
33	4	WASHER-1/4" FLAT/AUTO-BK	10062
34	1	NUT-3/8-16 UNC HEX LOCK/AUTO-BK	13617
35	2	WASHER-5/16 FLAT	10063
36	1	LIGHT ASSY-LED PLATFORM LIGHT	37968
37	2	BOLT-5/16-18 X 1 5/8" HEX HD CAP	36531
38	1	HDWR - SHOULDER BOLT - UPPER PIVOT \ RU ADA	510246
39	1	GAS SPRING-5.51EXT/3.54COM-667N/149.9LBF	38452
40	8	BEARING-BRONZE THRUST-3/8ID,3/4OD,1/8THK	36530

EXPLODED VIEW - 50/50 MANUAL FOLDOUT SWING RAMP w/ASSIST - THRESHOLD / TOWER ASSEMBLY



Unfold for:
50/50 Manual Foldout Swing Ramp
w/Assist - Threshold / Tower Assembly

EXPLODED VIEW - 50/50 MANUAL FOLDOUT SWING RAMP w/ASSIST - OVERALL ASSEMBLY



SEE PAGES
34, 35A-36A

SEE PAGES
31B-32B, 33

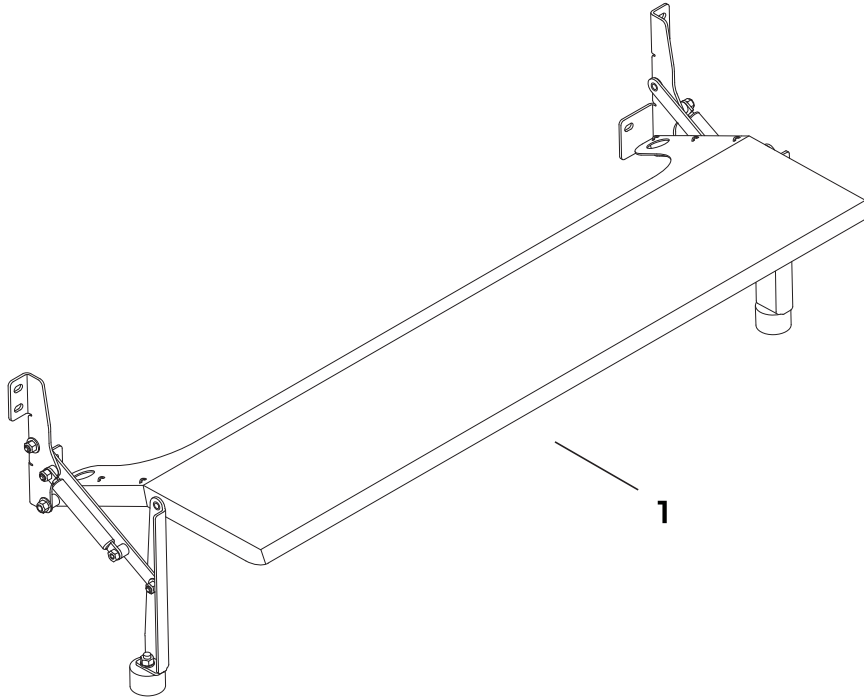
Part List - 50/50 Manual Foldout Swing Ramp w/Assist - Overall Assembly

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	BOLT 3/8 16 X 3/4" FLBHSCS GD8	25171
2	1	BOLT-3/8-16 X 1/2" FLBHSCS 6G8/PATCH	29942
3	1	SPACER-RAMP ARM JOINT \RU ADA	510269
4	1	BEARING-1/2ID X 1 1/8 OD-BALL	21371
5	1	WASHER-UHMW 1.500 OD X .76 ID X 0.062	29680
6	1	RETAINER - BEARING\RU ADA	510268
7	1	PIN-RAMP SUPPORT-96SC 30" RAMP	509704
8	1	RETAINER-BEARING-RAMP CATCH	509688
9	1	ASSEMBLY 50 / 50 RAMP CAM / CHAIN / SLACK PLATE	506223A
10	2	BOLT-1/4-20 X 3/4 BUTT HD - ALLEN	20143
11	2	WASHER-1/4 EXT STAR TOOTH LOCK ZP	83588
12	2	SCREW-1/4-20 X 3/8" FLBHSCS	28252

REPLACEMENT PARTS

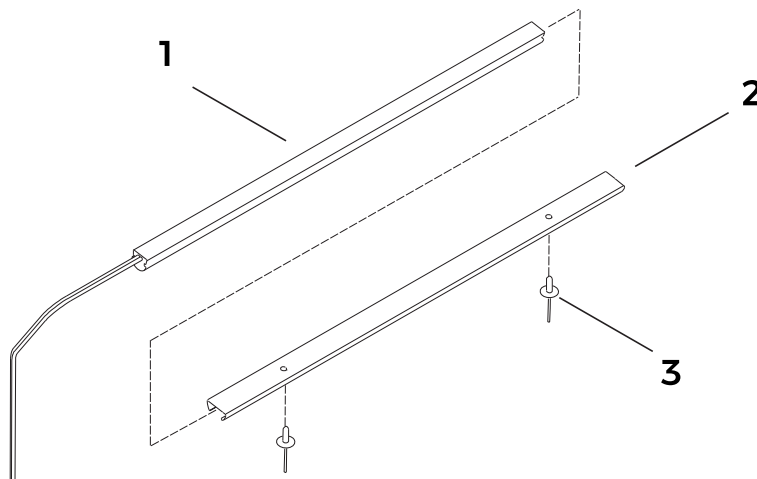
Part List - 3rd Row Footrest Assembly

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	ASSY - FOOTREST - RU ADA	509834A



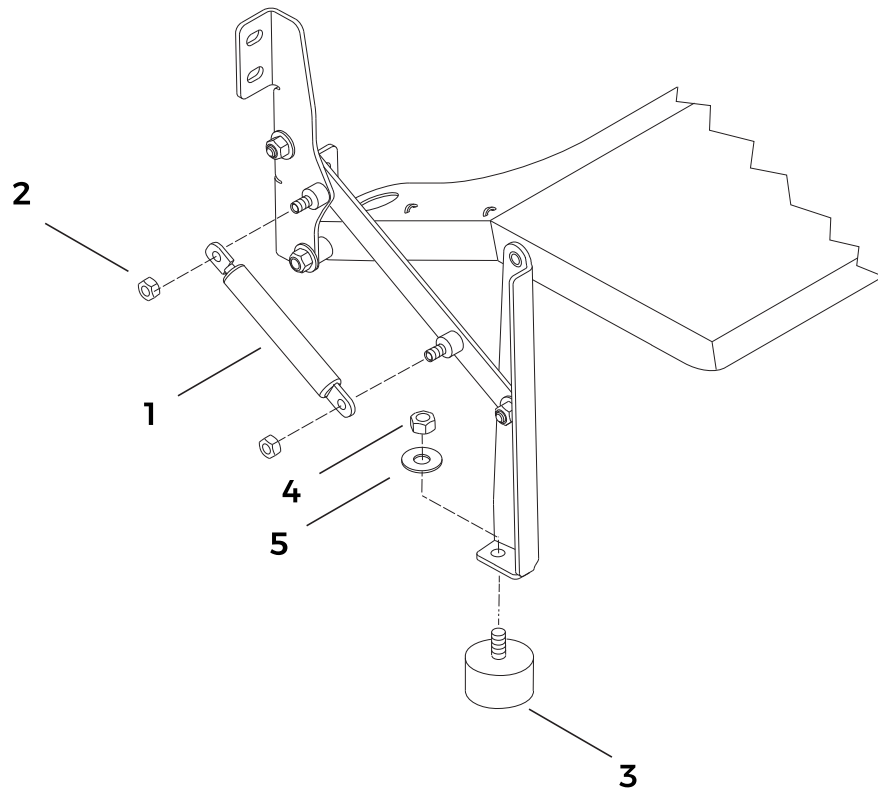
Part List - 3rd Row Footrest Light Assembly

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	HARNESS RU UNDERSEAT LIGHT RU2017	503686A
2	1	LIGHT BRACKET EXTRUSIONL12 IN. RU2017SE	503582
3	2	1/8" RIVET - BLACK	VPM11919



Part List - 3rd Row Footrest - Gas Spring Kit

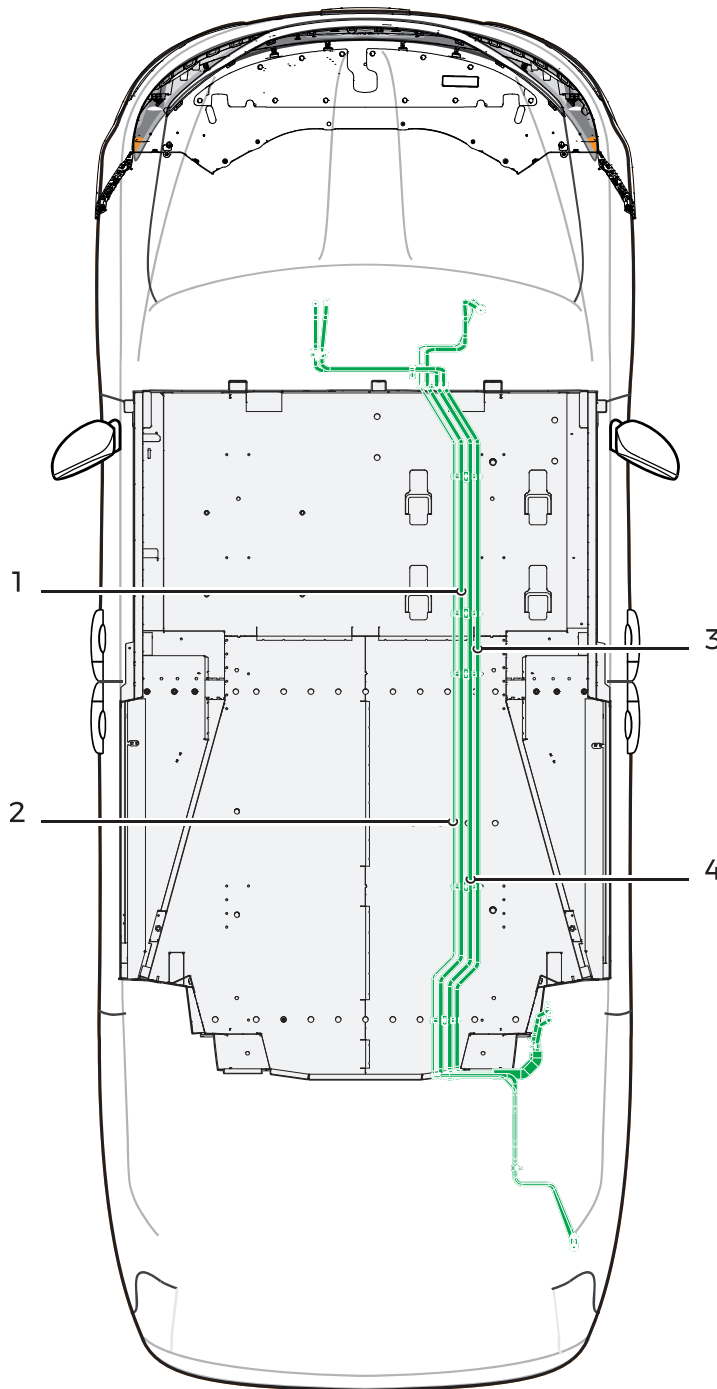
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	2	GAS SPRING 6.46 EXT 4.88 COM P1=50# RU2017SE	504531
2	4	NUT 1/4 20 HEX LOCK AUTO BLACK	10775
3	2	BUMPER - RUBBER 1" - 5/16-18 X 5/8 STUD	16114
4	2	WASHER 5/16" LOCK AUTO BLACK	10068
5	2	NUT 5/16 18 HEX AUTO BLACK	10058



REPLACEMENT PARTS

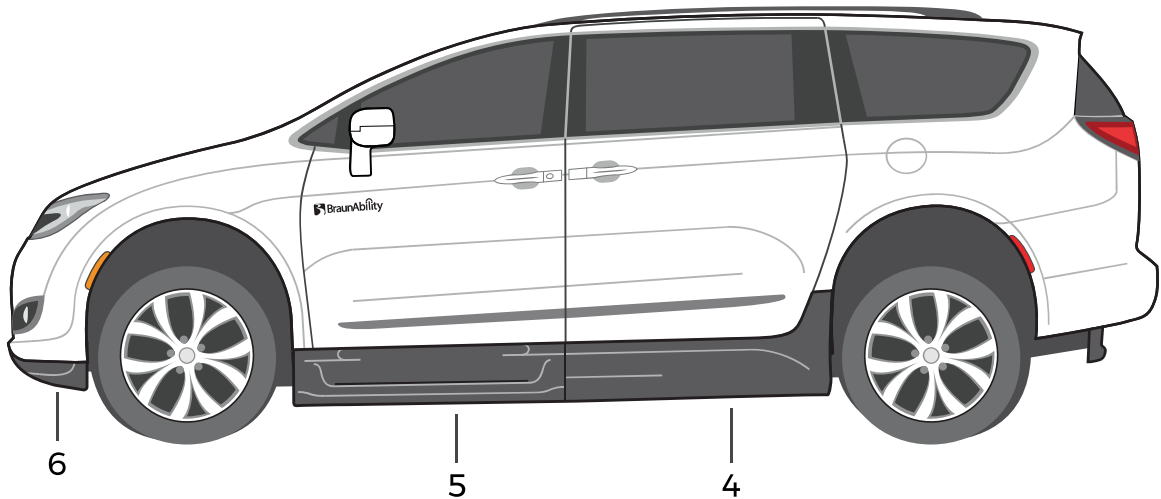
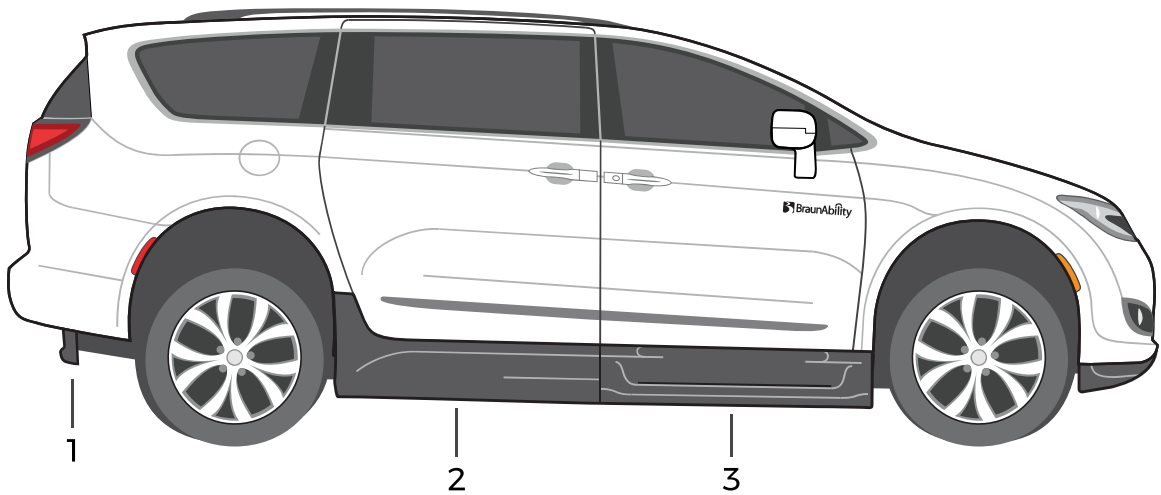
Replacement Parts - HVAC Lines

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	A/C LINE-RETURN-RU REAR HVAC-RU ADA FO	509883
2	1	A/C LINE-HIGH PRESSURE-RU REAR HVAC-RU ADA FO	509884
3	1	HEATING LINE-SUPPLY-REAR HVAC-RU 56 IN FO	509882
4	1	HEATING LINE-RETURN-RU REAR HVAC-RU ADA FO	509881



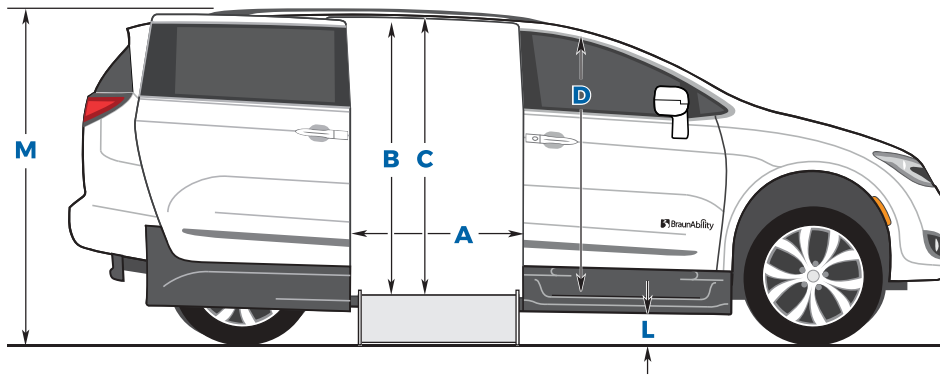
Replacement Parts - Exterior Panels

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	FLARE-REAR COVER-52 INCH-RU/E2	506923
2	1	FLARE-LEFT REAR-RU ADA	509460
3	1	FLARE-LEFT FRONT-RU ADA	509459
4	1	FLARE-RIGHT REAR-RU ADA	509462
5	1	FLARE-RIGHT FRONT-RU ADA	509461
6	1	FLARE-FRONT BUMPER EXTENSION	506896

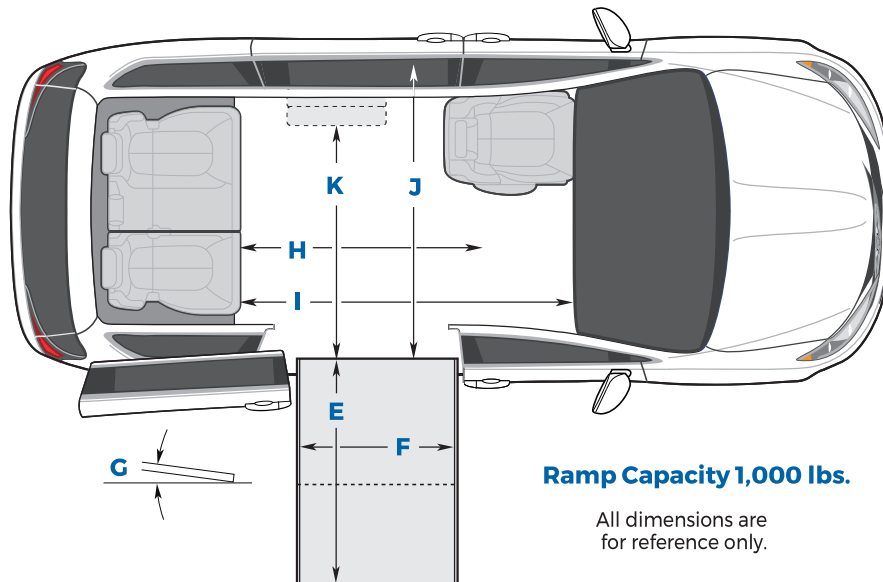


DIMENSIONS

Dimensions - Chrysler Voyager - Manual Foldout Ramp



Dimensions at Curb Weight



Ramp Capacity 1,000 lbs.

All dimensions are for reference only.

ADA Dimensions

ADA Dimensions		Foldout Ramp
Door Opening Usable Width (Minimum)	A	31.5"
Door Opening Usable Height (Slide Door)	B	56"
Interior Height at Center of Vehicle	C	60"
Interior Height at Driver and Passenger Position	D	60"
Ramp Length	E	52"
Ramp Width (Usable Clear Opening)	F	30"
Ramp Angle	G	13.75°
Interior Floor Length (Behind Front Seats)	H	67"
Overall Interior Floor Length (Flat Area)	I	99"
Interior Width at Slide Doors (Doors Closed)	J	63"
Width - Ramp (Deployed) to Optional 2-Passenger Seat (Stowed)	K	49"
Ground Clearance (Loaded) @ = GVWR lbs.	L	5"
Overall Vehicle Height	M	78"

Due to manufacturing tolerances both with the OEM vehicle and the conversion components, all dimensions may vary slightly from those shown.

Service Manual

Side-Entry Manual Foldout built on the Chrysler Voyager



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508990 Rev A

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May 2020



Side-Entry
Manual Foldout
built on the
Chrysler Voyager



*Operator's
Manual*

508989 Rev A

Congratulations

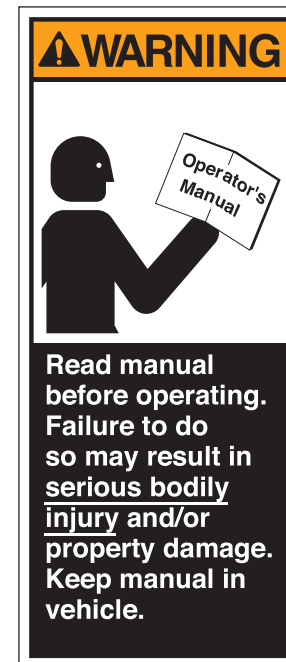
The BraunAbility® employee family thanks you for purchasing your new wheelchair accessible vehicle. We design and build each BraunAbility® vehicle for reliability, quality and safety. Our founder, Ralph Braun, instilled that ethic from day one, and we live by that commitment today.

This manual includes operating instructions, safety precautions and maintenance procedures for your new vehicle. As long as it's properly maintained and operated, your BraunAbility® vehicle will provide mobility freedom for years.

Thank you again for your business, and enjoy your independence!

Sincerely,

The BraunAbility® Family



CONTENTS

Warranty and Registration Instructions	2	Seat Operation / Removal / Installation	
Introduction	3	Front Seats (General Information)	36, 37
Operation Quick Reference Guide	4, 5	Passenger Front Seat Base	38
Features	6, 7	Front Seat Electrical Harnesses	39-41
Safety Precautions	8	Passenger Front Seat Removal	42, 43
Operation		Passenger Front Seat Installation	44, 45
Before Operation	9	Midpoint Fold-A-Way Seat	46, 47
Ramp Access Sliding Door	9	Third Row Seat (General Information)	48
Park Interlock	9	Third Row Seat Footrest	48
Entrance Lighting	9	Maintenance	50, 51
Ramp Operation	10	Auxiliary Power Supply / Below	
Ramp Operation Safety	11	Floor Obstructions	52-55
Swing Out Ramp	12	Jacking and Tire Changing	56
Ramp Passenger Safety	14-16	Towing and Transporting	57
Wheelchair Tiedown and Occupant		Reporting Safety Defects	58
Restraint	18-35		

WARRANTY AND REGISTRATION

Examine your vehicle for any damage. Should any damage have occurred during delivery, notify the carrier at once with any claims.

Review the service agreement, delivery checklist and warranty registration form with your sales representative. The form must be signed by the consumer and retailer. A hard copy is available upon request.

The warranty registration form must be processed electronically by the sales representative to activate the warranty. See the Warranty Booklet for detailed terms and provisions applicable to this vehicle.

Record the last eight digits of the vehicle identification number (VIN) in the space provided for future reference. This information must be provided when filing a warranty claim or ordering parts.

Vehicle Identification Number (VIN) _____

INTRODUCTION

BraunAbility® wheelchair accessible vehicles are designed to provide mobility independence for wheelchair passengers. Familiarity with proper operation and maintenance procedures will help ensure safe, trouble-free operation.

We encourage wheelchair passengers and their attendant(s) to review the material contained in this manual with your sales representative, before attempting operation. Any questions or concerns can be addressed at that time.

This manual addresses standard features as well as options. Refer to the instructions applicable for your vehicle, and disregard information that does not apply. Contact Customer Care at 1-800-488-0359 if any of this information is not understood.

Store this manual in the vehicle along with your OEM owner's manual.

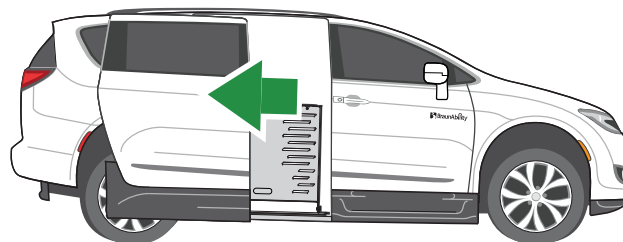
If you experience an operation problem or there is any sign of wear, damage, or other abnormal condition, contact your sales representative or call 1-800-488-0359. One of our Customer Care representatives will direct you to an authorized service center.

OPERATION QUICK REFERENCE GUIDE

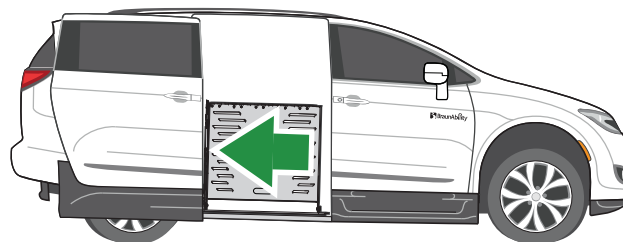
Operation Overview

This overview provides a simplified explanation of operation. Read the entire manual for complete details. Contact Customer Care at 1-800-488-0359 if any of this information is not understood.

- 1 Open the slide door

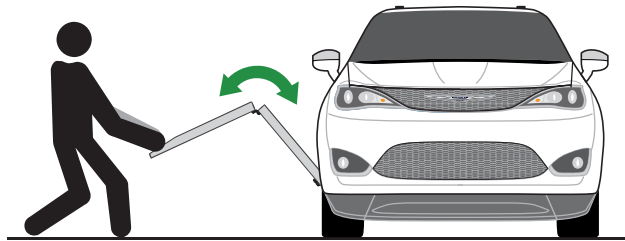


- 2 Make sure the door is opened fully

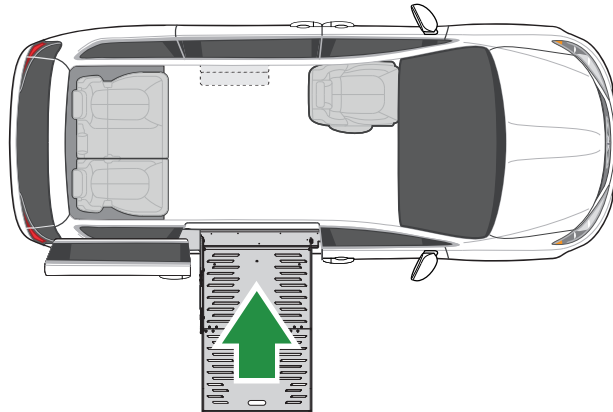


OPERATION QUICK REFERENCE GUIDE

- 3** Use hand hold to unfold the ramp



- 4** Allowing easy entrance!



Terminology

The term deploy (unfold) indicates the lowering motion of the ramp to the deployed position. Stow (fold) is the raising motion of the ramp to the vertical (stowed) position.

Note: Ramp operation details provided on pages 9-12.

FEATURES

Ramp Access Passenger Side Sliding Door: ADA-compliant manual sliding door provides 56-1/4" vertical opening (with interlock and entrance lighting).

Note: The driver-side sliding door is lowered to provide clear passage also.

Ramp: The ADA-compliant manual swing-out ramp provides 30" usable width.

Lowered Floor from Rear Axle to Toe Pan: This feature provides additional headroom, and further reduces the slope of the ramp. Commercial grade flooring is featured throughout the lowered floor area.

Ground Clearance: The lowered floor results in reduced ground clearance. Be aware of limited ground clearance.

Ground Effects: Exterior ground effect panels conceal the lowered floor and lowered sliding doors.

Forward-Facing Wheelchair Tiedown and Occupant Restraint System: Floor track (anchorage point) provided in the front passenger seat and midpoint lowered floor areas can be utilized for restraint of wheelchair passenger(s). See Figure 1 for anchorage point locations and wheelchair mounting positions (positions A and B).

One Forward-Facing Wheelchair Tiedown and Occupant Re-

straint Belt Kit is supplied for the tie down of one wheelchair and restraint of an occupant. The belt/tiedown kit is used in conjunction with the floor track (anchorage points). Additional restraint systems can be purchased (option).

Note: Wheelchair capacity may be limited based on the dimensions of specific wheelchairs and vehicle payload capacity.

Driver Seat: The OEM driver seat is mounted to a fixed (non-removable) seat base riser.

Quick-Release Front Passenger Seat: The front passenger seat is equipped with quick-release seat base attachments (making seat removal and installation procedures simple).

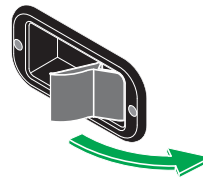
Midpoint Fold-A-Way Seat: A two-passenger fold-a-way seat is available as a midpoint seating option.

Auxiliary Power Supply: Two fuse blocks are provided as an auxiliary power source for dealer-installed aftermarket equipment (details on pages 52 and 53).

Park Interlock: The passenger side slide door must be fully closed before the transmission can be shifted out of Park.

Entrance Lighting: The conversion is equipped with entrance lighting that functions in sync with the OEM interior lights (activated by doors, side door or dimmer control).

Hatch Release: Rear hatch is equipped with an interior hatch release. Pull red release to unlatch door. Open door.



Lift Gate Strap (Option): A rear hatch assist strap is available as an option.

Full Size Spare Tire (Option): Interior mounted full side tire. See Figure 1.

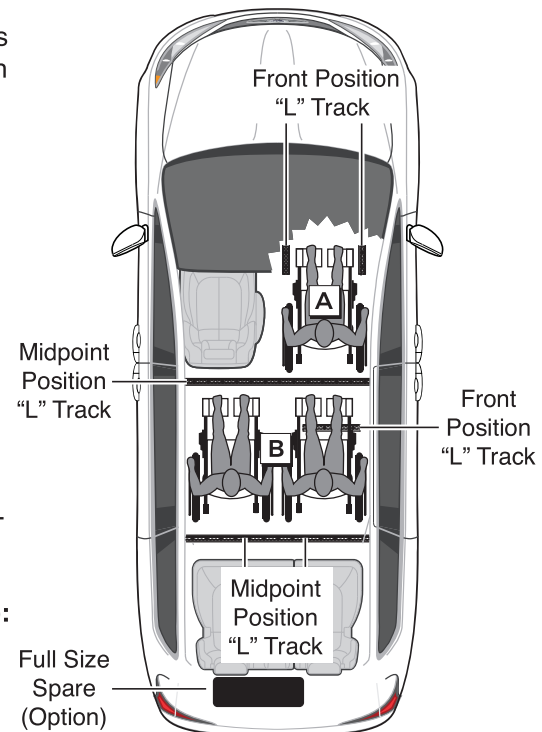


Figure 1

SAFETY PRECAUTIONS

Safety Symbols

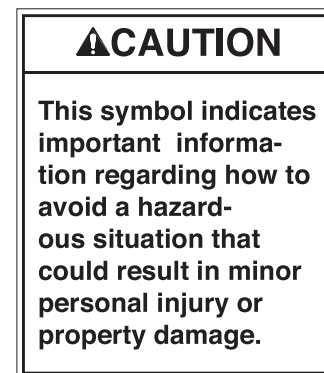
SAFETY FIRST! Know That....

A All information contained in this manual and supplements (if included), is provided for your safety. Familiarity with proper operation instructions as well as proper maintenance procedures are necessary to ensure safe, trouble-free operation. Safety precautions are provided to identify potentially hazardous situations and provide instruction on how to avoid them.

B



C



D Note: Additional information provided to help clarify or detail a specific subject.

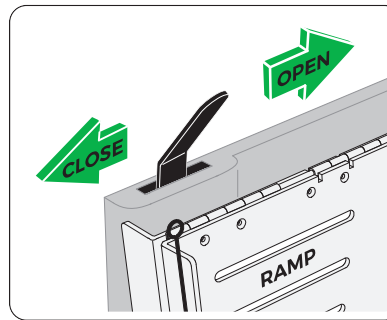
These symbols will appear throughout this manual and may appear on labels posted in your vehicle. Recognize the seriousness of this information.

Before Operation

Before utilizing wheelchair accessible features, park the vehicle on a level surface away from vehicular traffic. Place the vehicle transmission in Park and engage the parking brake.

Ramp Access Sliding Door Operation

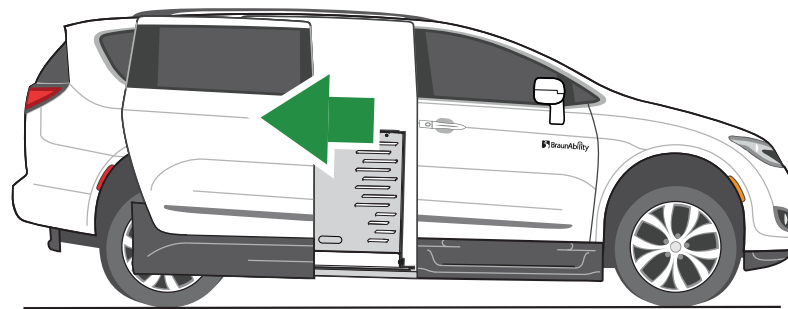
Open the passenger slide door from the outside using the OEM door handle. The ramp obstructs access to the OEM inside door handle. The OEM handle is equipped with an extension handle to operate the slide door from the inside. Always open the door smoothly. Avoid using excessive force when opening and closing the door.

Door Handle Extension**Park Interlock**

The passenger side slide door must be fully closed before the transmission can be shifted out of Park.

Entrance Lighting

Entrance lighting functions in sync with the OEM interior lights (activated by doors, lift gate or dimmer control).



OPERATION

Ramp Operation

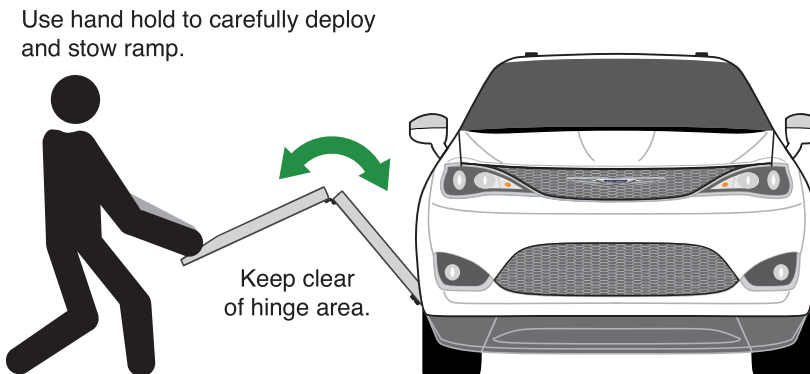
The term deploy (unfold) indicates the lowering motion of the ramp to the deployed position. Stow (fold) is the raising motion of the ramp to the vertical (stowed) position. Manually deploy and stow the ramp as outlined. The swing-out feature is detailed on page 12.

The ramp must be manually deployed and stowed by an attendant. An oval-shaped hand hold slot is provided for ramp operation. Carefully deploy and stow the ramp using the hand hold.

Keep clear of the area in which the hinged ramp bi-fold extension folds and unfolds. Remember to use good body mechanics when stowing and deploying the ramp.

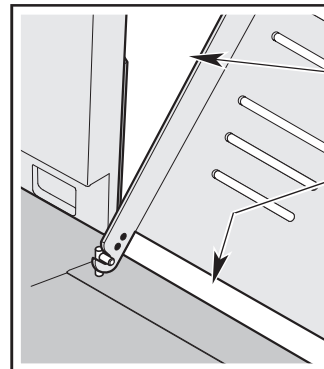
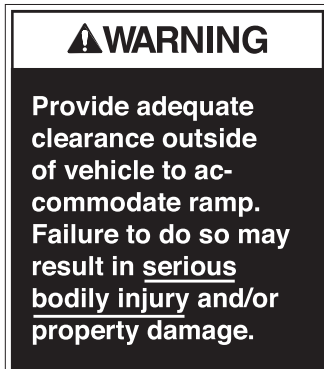
Do not release the ramp when deploying or stowing the ramp. The ramp will free-fall. Push the ramp out from inside the

vehicle only if an assistant is not available and it is absolutely necessary. The ramp will free-fall.

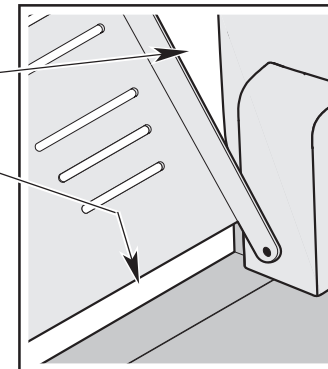


Ramp Operation Safety

Be certain there is adequate clearance outside the vehicle before deploying the ramp. Keep clear of area in which the ramp operates. Be certain no person or obstruction is within the path of the ramp when deploying or stowing the ramp. Keep clear of all ramp moving parts. Do not attempt to grip or hold the ramp during operation



Keep body parts and obstructions clear of the area in which the ramp operates.



OPERATION

Swing Out Ramp

When in the stowed (vertical) position, the swing-out ramp can be manually rotated out of the slide door opening. This feature allows non-wheelchair access to the passenger side slide door opening.

The ramp assembly pivots (rotates) on two axles (top and bottom) when the ramp latch is disengaged. The front end of the ramp is secured to the vehicle floor with a spring-loaded latch.

The latch is activated by a release rod. The release rod is routed alongside the ramp front side plate. The rod is equipped with a loop release (see right). The release is located above the

ramp bi-fold hinge when the ramp is in the stowed (vertical) position. Lift up on the release to disengage the latch.

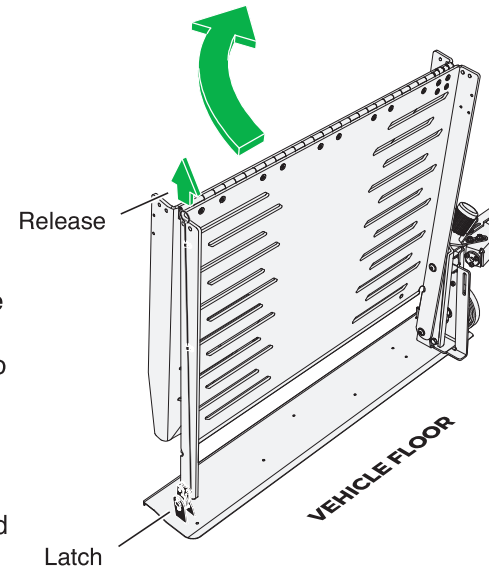
The sliding door must be opened fully before the ramp can be rotated (swung out).

Lift the release to unlatch the ramp. Manually rotate the ramp out as shown.

Caution: Do not force ramp open. Attempting to rotate the ramp beyond the mechanical range may result in damage to the ramp assembly.

Caution: Do not attempt to manually fold or unfold the ramp when the ramp is rotated out of vehicle.

Note: Ramp swings (rotates) outward from vehicle (shown from inside vehicle).





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OPERATION

Ramp Passenger Safety

Wheelchair passengers and attendants (when applicable), must use basic common sense and good judgment regarding ramp safety. Each wheelchair passenger has a unique set of physical abilities, combined with the physical characteristics of his or her wheelchair that dictate the method in which he or she will enter and exit the vehicle. Consequently, the procedures for safe operation outlined in this manual are general in nature. Wheelchair attendants should be instructed on any special needs and/or procedures required for safe transport of wheelchair passengers.

Follow all safety instructions regarding torso restraints, stability, balance, weight distribution and use of attendants as specified in the owner's manual supplied with your wheelchair. Determine, establish and practice ramp boarding and exiting procedures under the direction of your health care professional, your wheelchair representative, and your mobility representative to ensure your ability to do so safely.

Never board the ramp if you or your attendant are intoxicated. The wheelchair should be positioned in the center of the ramp at all times. You must be able to clearly view the ramp whenever boarding and exiting the vehicle. The wheelchair passenger and/or attendant must ensure the ramp is fully deployed before exiting the vehicle.

It is the responsibility of the wheelchair operator to enter and exit the vehicle on the ramp in the safest manner.

Wheelchair-Equipped Occupant Seat Belts: Wheelchair passengers should position and buckle their wheelchair-equipped seat belt (torso restraint),

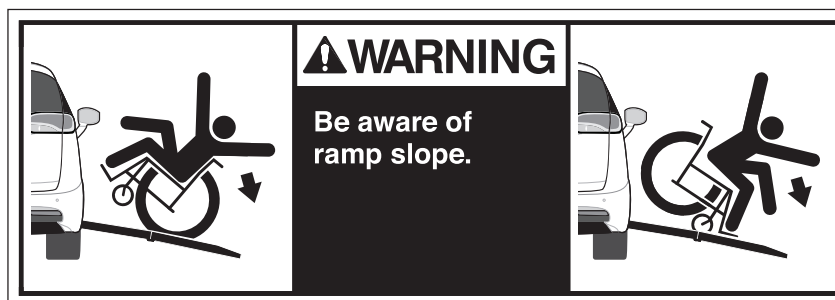
WARNING

Position and fasten the wheelchair-equipped occupant seat belt before loading onto the wheelchair ramp. Failure to do so may result in serious bodily injury and/or property damage.

as specified by the manufacturer, before loading onto a wheelchair ramp.

Different types of disabilities require different types of wheelchairs and different types of wheelchair-equipped occupant restraint belt systems (torso restraint). It is the responsibility of the wheelchair passenger to have his or her wheelchair equipped with an occupant restraint (seat belt) under the direction of their health care professional.

Stabilizing Wheelchairs: Powered and manual wheelchairs are designed to remain upright and stable during normal operation. All activities which involve movement in a wheelchair have an effect on the combined center of gravity of the occupant and wheelchair. Be aware of the ramp slope (angle). The slope of the ramp has a direct effect on the center of gravity. Keep in mind your center of gravity and your ability to maintain stability and balance.



Do not operate your wheelchair on the ramp without assistance if you are unable to maintain stability and balance. Counterbalance devices (anti-tippers) may be available from your wheelchair representative to enhance stability and balance.

Do not tilt your wheelchair without assistance. Operate the wheelchair at a slow and constant speed when on the ramp. Do not accelerate suddenly when on the ramp. Do not raise the front wheelchair wheels (pull wheelie) when on the ramp.

OPERATION

The aid of an attendant stabilizing the wheelchair is recommended for optimum safety. Wheelchair passengers who intend to enter and exit the vehicle without the assistance of an attendant must determine the safest and most practical method and orientation of entering and exiting based on the physical characteristics of their personal wheelchair and his or her physical capabilities to maintain stability while the wheelchair is in motion on the ramp.

Wheelchair Attendants: When assisting a wheelchair occupant, remember to use good body mechanics. When the wheelchair is on the ramp, the attendant must grasp the push handles (or other) securely. Detachable wheelchair parts such as arm or leg rests must never be used for hand holds or lifting supports. Doing so could result in the detachable parts being inadvertently detached from the wheelchair resulting in possible injury to the wheelchair occupant and/or the attendant.

Wheelchair Orientation and Securement During Transport: The wheelchair and occupant must face the front of the vehicle and must be secured using the Forward-Facing Wheelchair Tiedown and Occupant Restraint System when riding in the vehicle. See pages 18-35 for details.



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WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Terminology

While many of the terms are self explanatory, several have been specifically developed to clarify terminology which is unique to the situation of occupant protection systems that provide both wheelchair tiedown and occupant restraint.

The term “restraint” is used only in reference to the occupant and not in reference to the wheelchair which is “tied down”. Also, while both wheelchair tiedowns and occupant restraints may include webbing material, the term “belt” is used only in context to occupant restraint. The term “strap” is used for webbing material used in a wheelchair tiedown.

Forward-Facing Wheelchair Tiedown and Occupant Restraint System:

Floor track (anchor points) provided in the front passenger seat and midpoint lowered floor areas can be utilized for wheelchair securement and restraint of wheelchair passenger(s).

The passenger seat can be removed and the seat location can be occupied by a wheelchair passenger.

See Figure 2 for “L” track locations (anchorage points) and wheelchair positions (Positions A and B).

Note: Wheelchair passengers shown at right depict the available seating positions. Wheel-

chair capacity may be limited based on the dimensions of specific wheelchairs and vehicle payload capacity.

One Forward-Facing Wheelchair Tiedown and Occupant Restraint Belt Kit is supplied for the tie down of one wheelchair and restraint of an occupant. The belt/tiedown kit is used in conjunction with the floor track (anchorage points). Additional restraint systems can be purchased (option).

Refer to the following guidelines, illustrations, photos and instructions for proper use of the tie-down and restraint system.

The conversion offers the following options for placement and securement of wheelchair passengers:

WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Front Passenger Seat with Floor Track: The passenger seat (Position A) can be removed and the seat location can be utilized by a wheelchair occupant.

Midpoint Lowered Floor Area with Floor Track: The Midpoint lowered floor area (Position B) can be utilized by wheelchair occupants (capacity limitations apply).

Refer to the following guidelines, illustrations, photos and instructions for proper use of the belt and track restraint system.

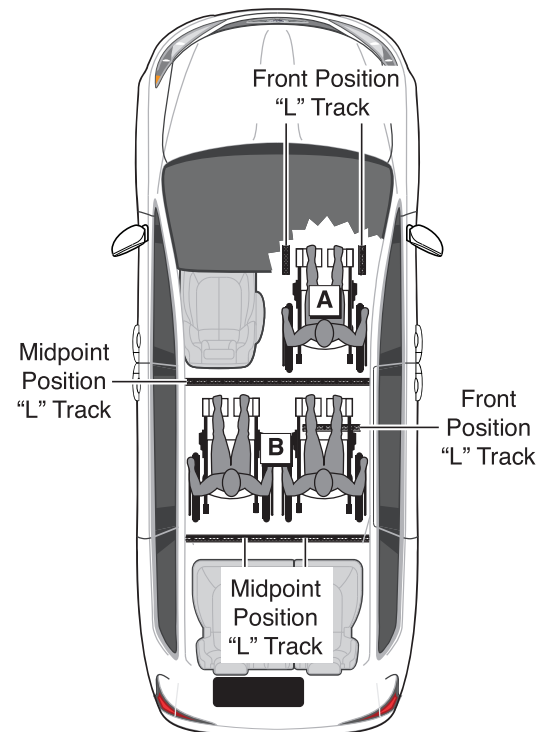


Figure 2

WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Wheelchair Tiedown

Four adjustable over-center buckle straps are provided for securement of the wheelchair (two for the front and two for the rear).

The straps are equipped with one keeper fitting (attachment) which installs in the vehicle-mounted "L" track anchorage point (details on pages 24 and 25). A hook (securement point) is positioned on the opposite end of the straps for attachment to a solid frame member of the wheelchair. Do not attach straps to detachable wheelchair components such as armrests or leg rests. Front and rear strap tension is required.

Refer to instructions on pages 24-35 for operation procedures.



Occupant Restraint

Lap and shoulder belts should bear upon the bony structure of the body and should be worn low across the front of the pelvis with the junction between the lap and shoulder belts located near the passenger's hip. Wheelchair occupant restraints should not be held away from the body by wheelchair components such as armrests, panels, wheels or frame. Follow all safety precautions and instructions supplied by the belt manufacturer.

Lap and Shoulder Belt Options: An OEM upper torso lap and shoulder belt harness is typically used in conjunction with the stand alone lap belt extension for restraint of a wheelchair passenger. Wheelchair components may restrict or prohibit use of the OEM lap and shoulder belt in some cases. A multi-piece chest and waist belt assembly is supplied as an option for wheelchair passenger restraint when use of the OEM lap and shoulder belt is restricted.

WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Occupant Restraint

OEM Lap and Shoulder Belt

One adjustable lap belt extension is supplied for use with the OEM lap and shoulder belt (shown at right). The extension belt is equipped with a keeper fitting (anchor point) which installs in the vehicle-mounted “L” track. A female receptacle is positioned on the opposite end of the extension for attachment to an OEM factory-installed upper torso lap and shoulder belt.

The adjustable lap belt extension is supplied with all conversions. A rigid cable style lap belt extension is available as an option (non adjustable). Attachment procedures are identical for both types of lap belt extensions. See the instructions on pages 28-31.

Operate the OEM lap and shoulder belt as instructed in your OEM owner’s manual. Connect the OEM lap and shoulder belt to the lap belt extension. Position the upper torso (shoulder) belt across the center of the shoulder. Position the lap belt low across the front of the pelvis (near hip). See the instructions on pages 28-31.

Follow all restraint safety precautions and instructions provided in the OEM owners manual and supplied by the belt manufacturer.

Adjustable
Lap Belt
Extension
(supplied)



Rigid
Lap Belt
Extension
(optional)



Note: An adjustable lap belt extension is supplied. A rigid lap belt extension is available as an option.

WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Occupant Restraint

Multi-Piece Chest & Waist Belt

The multi-piece chest and waist belt assembly provides separate lap and shoulder belts that can be routed and positioned independently.

Lap Belt (2 Piece): One of the two lap belts is equipped with a female receptacle. The mating lap belt is equipped with the buckle. The opposite end of each lap belt is equipped with a slotted female fitting that attaches to the corresponding wheelchair rear tiedown strap (at floor-mount keeper anchor point). See photos at right and instructions on pages 32-35.

Wheelchair tiedown straps provide a short belt assembly equipped

with a lap belt attachment (pin fitting connector). See photo on page 20. Connect the lap belt slotted fitting to the mating pin fitting (engage pin in slot). Adjust lap belts as needed using belt adjuster.

Shoulder Belt: The adjustable shoulder belt is equipped with a slotted female fitting that attaches to the lap belt (equipped with a pin fitting). The opposite (upper) end of the belt is equipped with a pin fitting that attaches to the vehicle-mounted shoulder belt adaptor (adaptors located at OEM shoulder belt positions). Shoulder belt adaptors are equipped with a slotted female fitting that attaches to the shoulder belt buckle pin fitting.



WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Connect the adjustable shoulder belt upper pin fitting to the wall-mounted shoulder belt adaptor female fitting (engage pin in slot). Connect the shoulder belt lower slotted female fitting to the male lap belt pin fitting (engage pin in slot). Adjust shoulder belt as needed using belt adjuster. See photos at left and instructions on pages 32-35.

Strap, Belt and Track Maintenance

Inspect strap and belt assemblies frequently. Any damage such as strap/belt cuts, fraying or malfunctioning call for replacement of the entire strap/belt assembly. "L" track must be clean and not worn, bent or otherwise damaged (prohibiting proper strap/belt attachment). If there is any sign of damage, wear, abnormal condition or improper operation of straps, belts, strap/belt hardware (hooks, keepers, latch plate, receptacle), or track, discontinue use and replace components immediately.

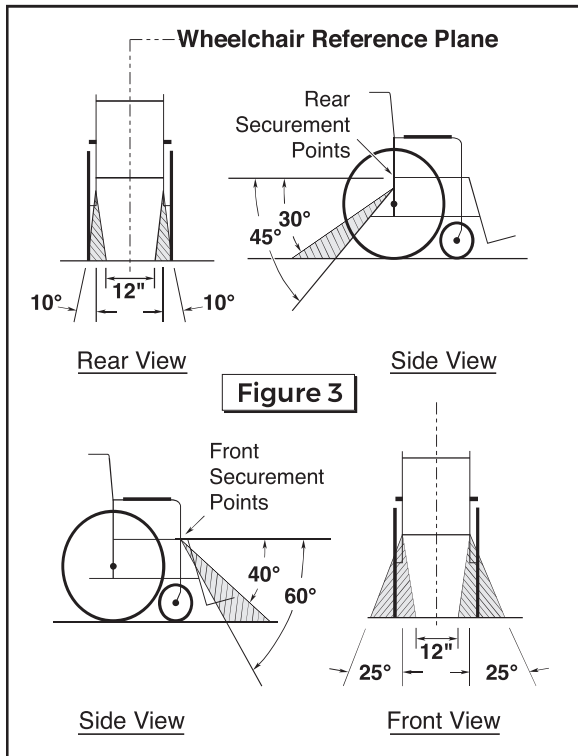
Follow all inspection and maintenance instructions supplied by the belt manufacturer. Severe conditions (weather, environment, heavy usage, etc.) may require more frequent inspections. Exposure to severe conditions will dramatically reduce the life of the system.

WARNING

No product developed to date can guarantee successful securement of the wheelchair, even at low speeds, in the event of an accident. The Wheelchair Tiedown and Occupant Restraint System does meet the most widely referenced Federal Motor Vehicle Safety Standards used for contemporary restraint equipment. However, this equipment does not ensure stability of the wheelchair in the event of an accident at any speed.

Keep straps/belts clear of sharp objects. Do not alter straps/belts.

WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT



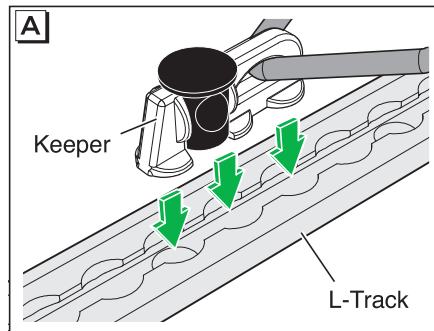
Tiedown Strap Angles

Locate wheelchair in forward-facing position centering wheelchair squarely within "L" track. The front and rear straps, when attached, should create angles approximately as shown in Figure 3. Preferred angles and locations of straps from wheelchair securement points to vehicle anchor points are shown. Note: These are optimum angles and cannot be achieved in some cases.

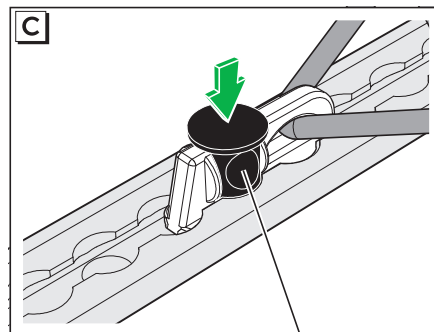
Keeper Fitting and "L" Track Attachment Instructions

The straps supplied in the Forward-Facing Wheelchair Tiedown and Occupant Restraint System are equipped with keeper fittings (attachments) which engage the "L" track (anchorage points). Engage and release the keeper fittings as detailed and shown on the following page. Note: Refer to pages 24-35 for strap attachment and release procedures.

WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT



Align engagement feet with holes.



Fully-engaged Plunger

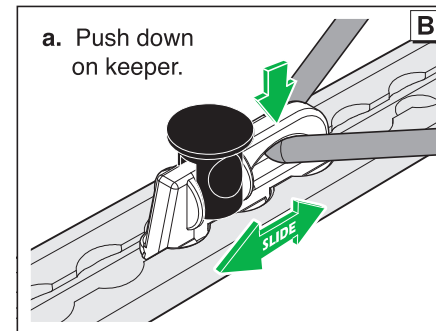
Keeper Fitting and “L” Track Attachment Instructions

To Engage Keeper Fitting:

1. Insert keeper fitting into track (align engagement feet with holes in L-Track). See Figure A.
2. Push down on fitting and slide fitting in either direction until it clicks and locks in position (see Figures B and C). Pull firmly on strap to ensure fitting is locked in track.

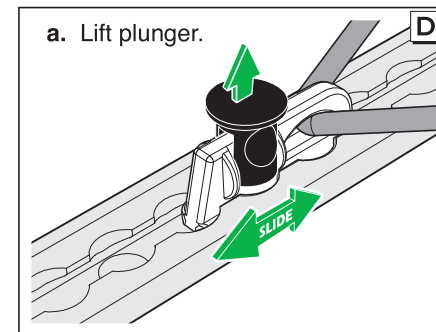
To Release Keeper Fitting:

Lift plunger and slide fitting in either direction and lift fitting out of track. See Figure D.



a. Push down on keeper.

b. Slide keeper in either direction.



a. Lift plunger.

b. Slide keeper and lift.

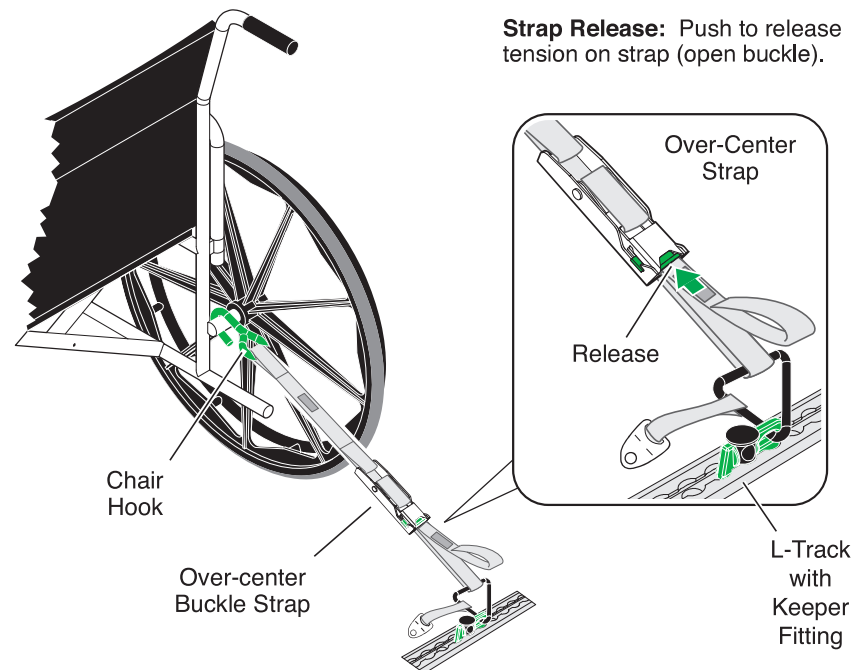
WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Over-Center Strap Attachments

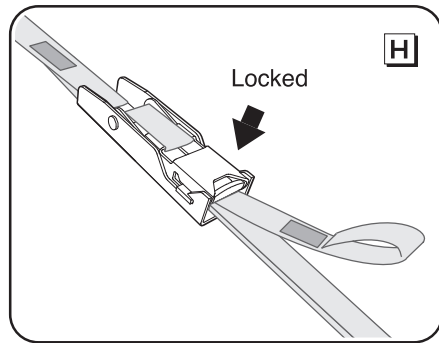
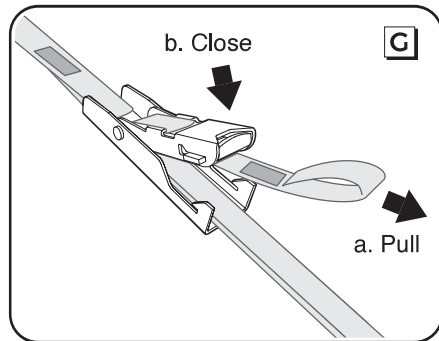
1. Place wheelchair facing forward in securement area. Apply wheel brakes or turn power off.
2. Attach the four tiedown hooks to solid frame members or weldments, near seat level (securement points). Ensure tiedowns are fixed at approximately 45 degrees, and are within angles shown in Figure 3 on page 24. Do not attach hooks to wheels, plastic or removable parts of wheelchair.
3. Position and connect strap keeper fitting (attachment) to appropriate track anchorage point (slots). Attach keeper as detailed on page 25. Pull firmly on strap to ensure fitting is locked in track.

Wheelchair Tiedown

Figure 4



WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT



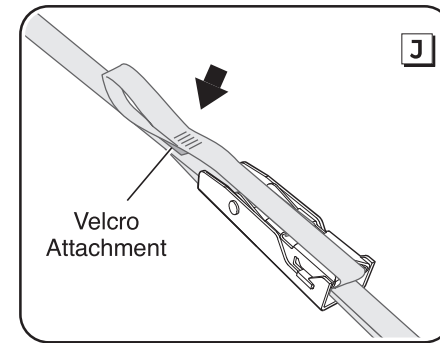
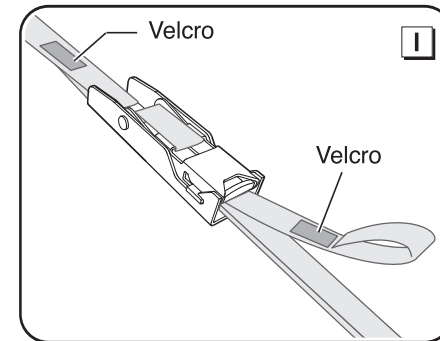
Wheelchair Tiedown

4. With buckle open, pull loose end of strap until tight (see Figure G). While holding the loose end with one hand, close the buckle until it locks. See Figures G and H.

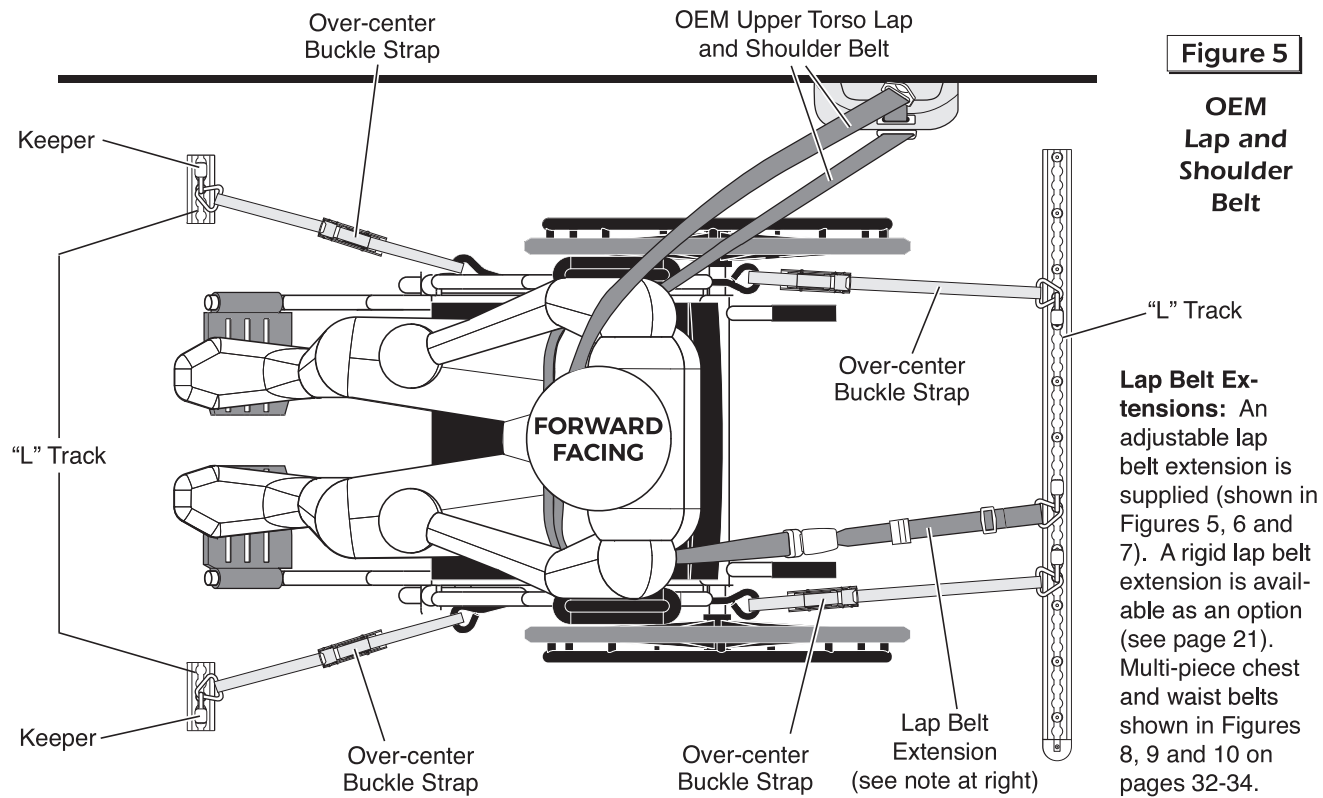
5. Connect Velcro™ strips to keep excess strap off floor. See Figures I and J.

Repeat procedures for all tiedown straps.

Note: Check to see that front and rear straps are tight and the chair does not have any movement.



WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT



WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Note: Generic seat position shown. Attachment procedures are identical for all positions.

Keeper attachment details are provided on page 25.

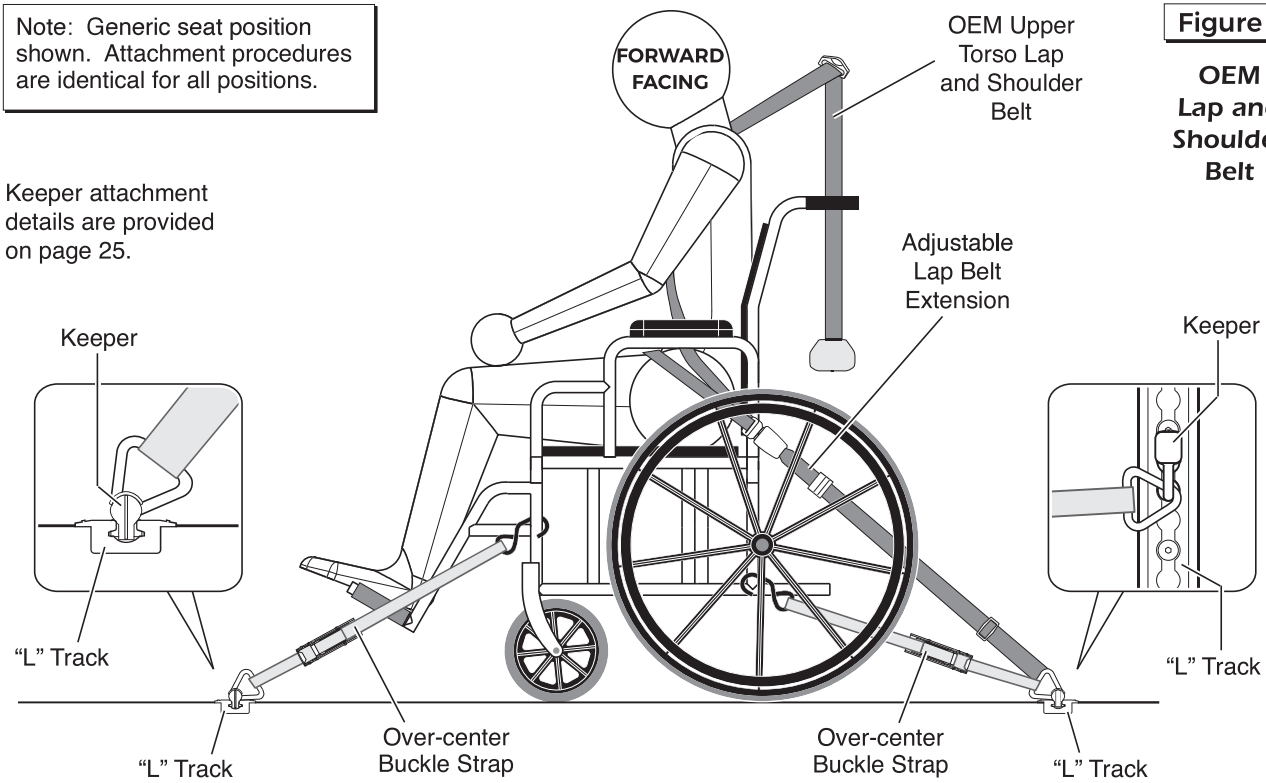


Figure 6
OEM Lap and Shoulder Belt

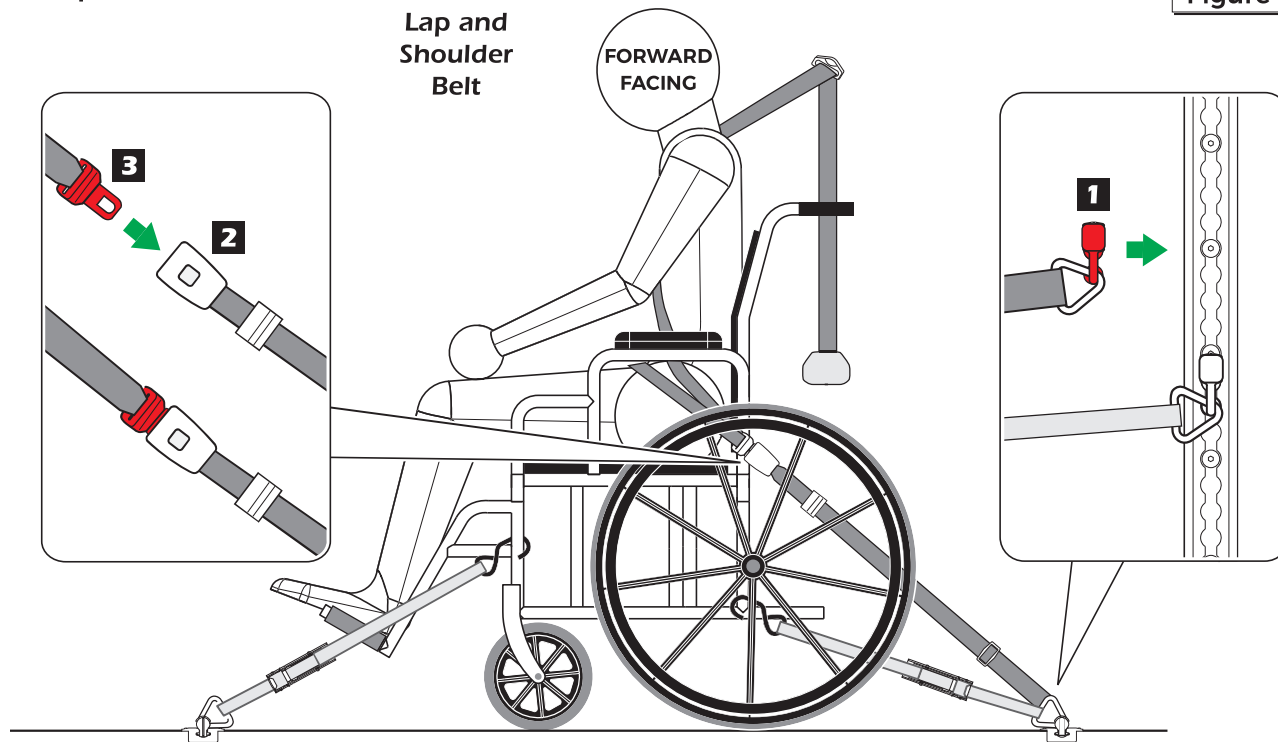
WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Occupant Restraint

OEM
Lap and
Shoulder
Belt

FORWARD
FACING

Figure 7



WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Occupant Restraint

OEM Lap and Shoulder Belt: OEM lap and shoulder belts are addressed on pages 28-31. Refer to pages 32-35 for multi-piece chest and waist belts.

Lap and Shoulder Belt Attachments

1. **Attach Lap Belt Extension** - On the aisle side, attach lap belt extension with female buckle to L-track with keeper fitting **1**. Feed lap belt extension with integrated stiffeners through openings between seat backs and bottoms, and/or armrests to ensure proper belt fit around occupant.
2. **Attach OEM Upper Torso Lap and Shoulder Belt**

Extend shoulder belt over passenger's shoulder and lap belt across torso. Attach combination lap / shoulder belt with male tongue **3** into female buckle **2**.

Note: OEM lap / shoulder belts serve as both window-side lap belt and shoulder belt.

3. **Occupant Restraint** - Ensure belts are adjusted as firmly as possible, but consistent with user comfort.

Lap and shoulder belts should bear upon the bony structure of the body and should be worn low across the front of the pelvis with the junction between the lap and shoulder belts located near the passenger's hip. Wheelchair occupant restraints should not be held away from the body by wheelchair components such as armrests, panels, wheels or frame. Follow all safety precautions and instructions supplied by the belt manufacturer.

WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

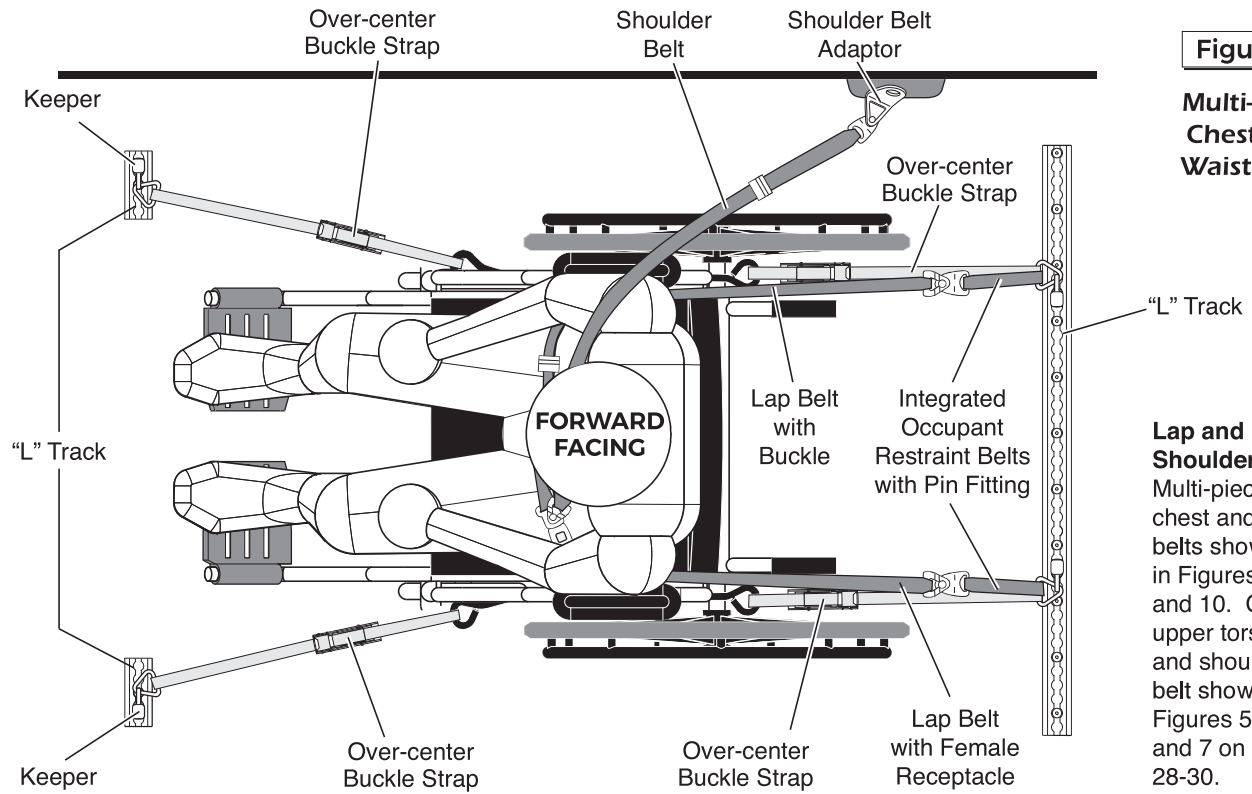


Figure 8

**Multi-Piece
Chest and
Waist Belts**

**Lap and
Shoulder Belt:**
Multi-piece
chest and waist
belts shown
in Figures 8, 9
and 10. OEM
upper torso lap
and shoulder
belt shown in
Figures 5, 6
and 7 on pages
28-30.

WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Note: Generic seat position shown. Attachment procedures are identical for all positions.

Keeper attachment details are provided on page 25.

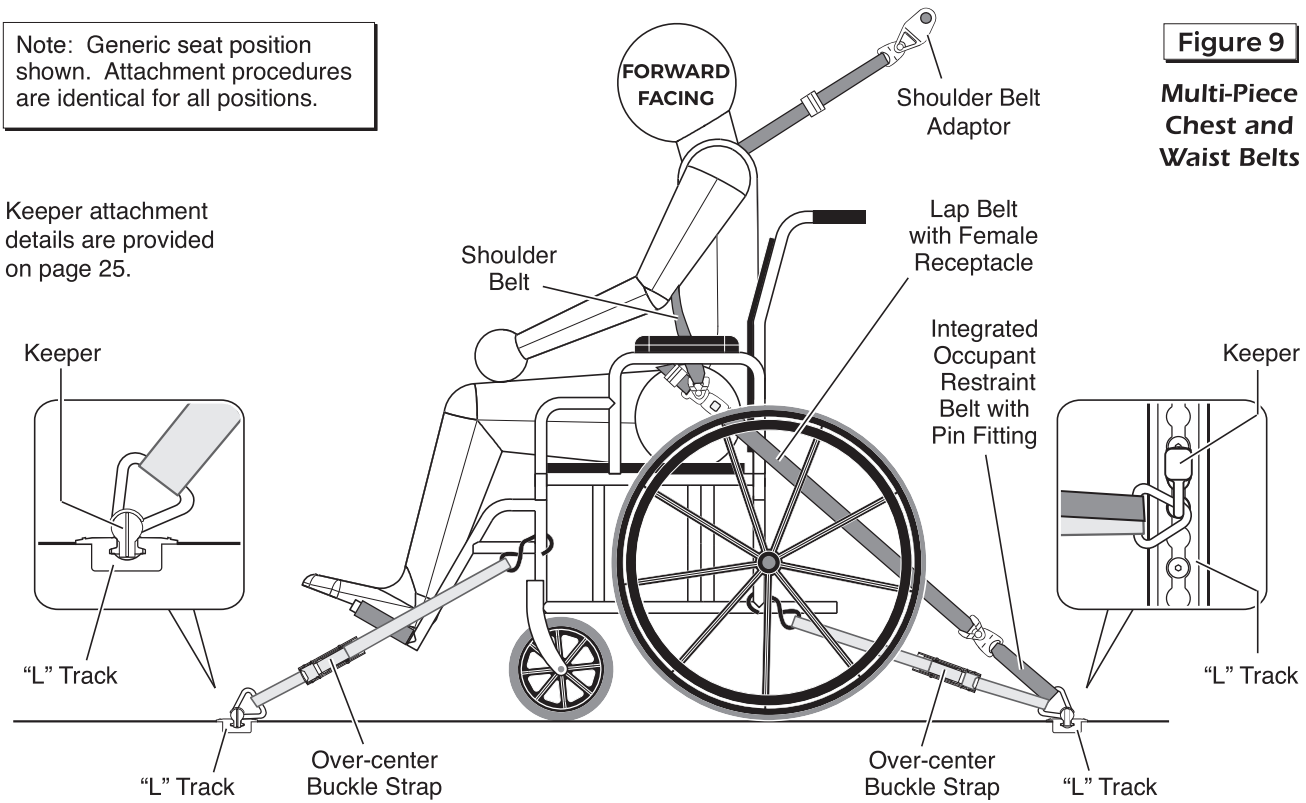


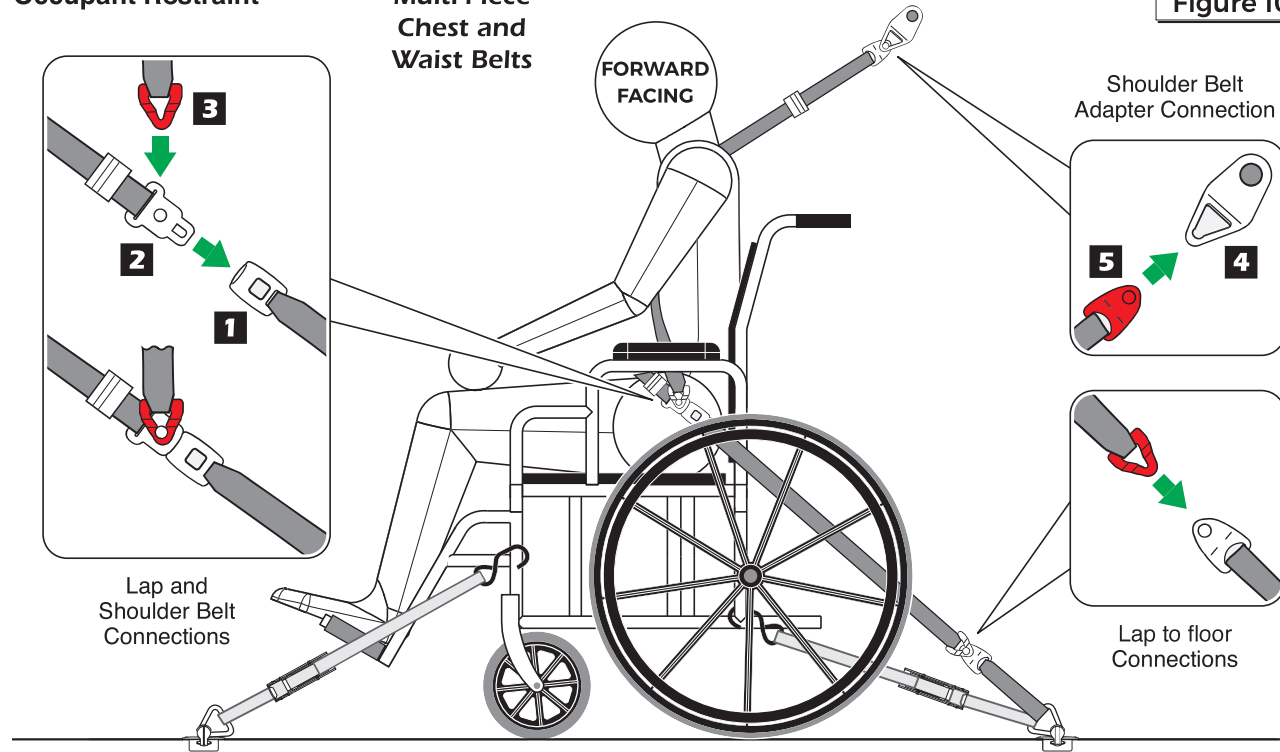
Figure 9
Multi-Piece Chest and Waist Belts

WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Occupant Restraint

Multi-Piece Chest and Waist Belts

Figure 10



WHEELCHAIR TIEDOWN AND OCCUPANT RESTRAINT

Occupant Restraint

Multi-piece Chest and Waist Belts: Multi-piece belts are addressed on pages 32-35. Refer to pages 28-31 for OEM upper torso lap and shoulder belt details.

Lap & Shoulder Belt Attachments

1. **Attach Lap Belts** - Use integrated stiffeners to feed belts through openings between seat backs and bottoms, and/or armrests to ensure proper belt fit around occupant.
 - a. On the aisle side, attach belt with female buckle **1** to rear tiedown pin connector; ensuring buckle rests on passenger's hip.
 - b. On the window-side, attach belt with male tongue **2** to rear tiedown pin connector and insert into female buckle **1**.

2. Attach Shoulder Belt

- a. On the window-side, attach shoulder belt pin connector **5** to wall mounted shoulder belt adapter **4**.
- b. Extend shoulder belt over passenger's shoulder and across torso, and fasten pin connector **3** onto lap belt **2**.

3. **Occupant Restraint** - Ensure belts are adjusted as firmly as possible, but consistent with user comfort.

Lap and shoulder belts should bear upon the bony structure of the body and should be worn low across the front of the pelvis with the junction between the lap and shoulder belts located near the passenger's hip. Wheelchair occupant restraints should not be held away from the body by wheelchair components such as armrests, panels, wheels or frame. Follow all safety precautions and instructions supplied by the belt manufacturer.

SEAT OPERATION / REMOVAL / INSTALLATION

Driver Seat: The OEM driver seat is mounted to a fixed (non-removable) seat base riser.

Quick-Release Front Passenger Seat: In an effort to produce vehicles that can be configured to meet a variety of customer needs, the passenger

seat base has been designed so it can be removed. This feature allows the owner and sales representative to determine the appropriate seating arrangement to accommodate owner needs.

The passenger side front seat is equipped with quick-release seat base attachments that engage recessed floor strikers. Remove and install seat as detailed on pages 38-45.

Power Seats: Front seats are equipped with electrical wiring harnesses to accommodate air bags and optional equipment such as climate controlled seats, heated steering wheel, etc. Before removing seats, be certain all seat electrical harnesses are disconnected.

When front passenger seat is removed, the seat electrical harness plug must be connected to the receptacle provided in the seat base. Seat wiring harness details are provided on pages 39-41.

When positioning seats, it is your responsibility to reconnect all seat electrical harnesses.

Air Bag Light: Failure to properly connect power seat electrical harnesses may result in power seat functions being disabled and/or the air bag light illuminating.

**WARNING**

Park vehicle and turn engine off before removing or installing seats. Failure to do so may result in serious bodily injury and/or property damage.

SEAT OPERATION / REMOVAL / INSTALLATION

⚠ CAUTION

Disconnect seat wiring harness before removing seat. Failure to do so may result in property damage.

⚠ WARNING

Connect front seat wiring harness plug to socket provided in the seat base before removing front seat. Failure to do so may result in serious bodily injury and/or property damage.

Floor Mats: The floor mats supplied with this vehicle were specifically designed for use on the OEM (non-modified) vehicle floor in conjunction with OEM seats. The floor mats are not compatible for use with front seat bases modified for lowered floor application (with riser).

Do not use a floor mat at the front driver seat position when the conversion seat is installed. Improperly fitted and/or secured floor mats can potentially interfere with the operation of the accelerator or brake pedals, resulting in an accident.

Contact your sales representative or call Customer Care at 1-800-488-0359 if any of this information is not understood.

⚠ WARNING

Use of a floor mat with the front driver conversion seat base may result in serious bodily injury and/or property damage.

SEAT OPERATION / REMOVAL / INSTALLATION

Passenger Front Seat Base

Quick-release seat base (riser) attachments engage recessed floor strikers. A foot-activated release pedal is located at the rear of the seat base. Stepping on the release pedal disengages the attachments and deploys the seat base rear wheels.

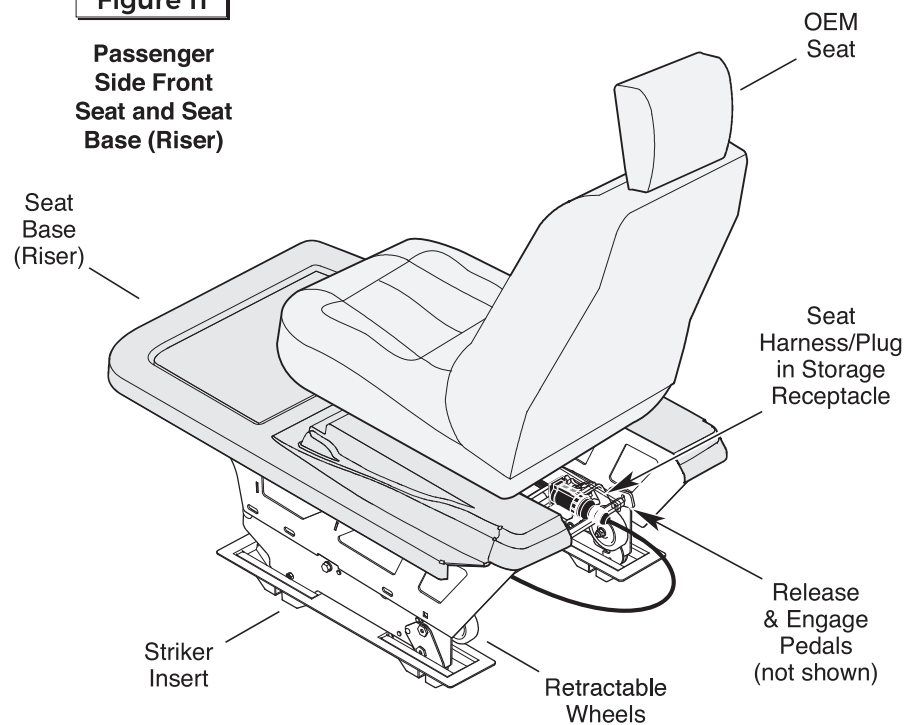
A seat engagement pedal is provided also. Stepping on the engagement pedal engages (locks) the attachments and retracts the seat base rear wheels.

Release and engagement pedals are depicted on pages 42-45.

The seat removal and installation procedures are detailed on pages 42-45.

Figure 11

Passenger Side Front Seat and Seat Base (Riser)



Snap-in Seat Connectors

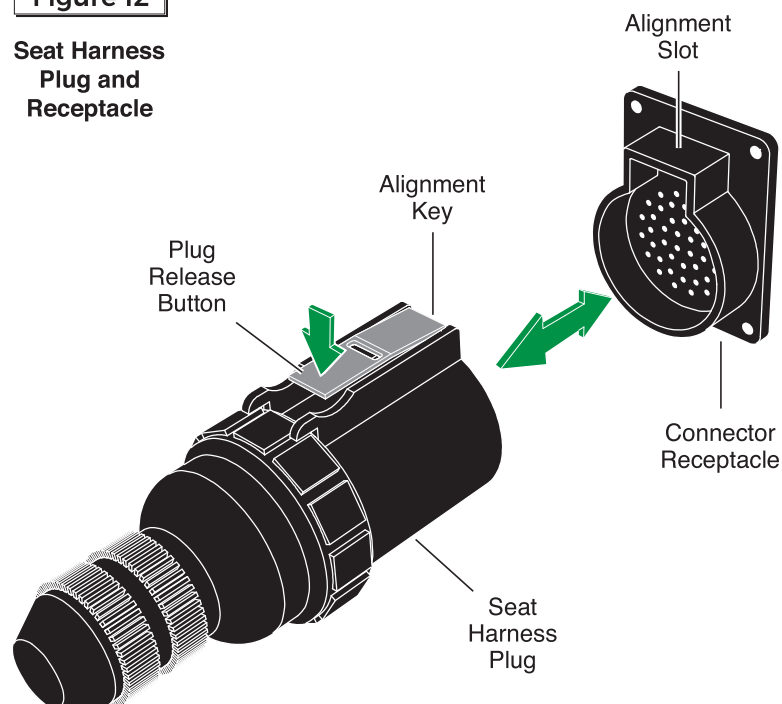
Front seat wiring harnesses are equipped with a push button release snap-in connector (plug). Operate connectors as detailed here. See pages 40 and 41 for the location of the harness plug, B-Pillar receptacle and storage receptacle (front passenger seat only).

To Disconnect: Press down seat harness connector release button to disengage connectors.

To Connect: Align the seat harness connector alignment key (guide) with the receptacle socket alignment slot (will only connect one way). Carefully insert the seat harness plug in the receptacle socket. Seat harness connector will lock into socket.

Figure 12

Seat Harness Plug and Receptacle



SEAT OPERATION / REMOVAL / INSTALLATION

Front Seat Wiring Harness & B-Pillar Receptacle

An electrical harness receptacle is located to the rear of each seat base in the wall (at "B" pillar). The seat wiring harness plug connects to the receptacle socket.

Before removing seats, be certain seat wiring harnesses are disconnected.

CAUTION

Disconnect seat wiring harness before removing seat. Failure to do so may result in property damage.

Figure 13

Seat Harness B-Pillar Connection

Seat base (riser) shown without seat and lower mechanism for clarity.

Front passenger seat shown.

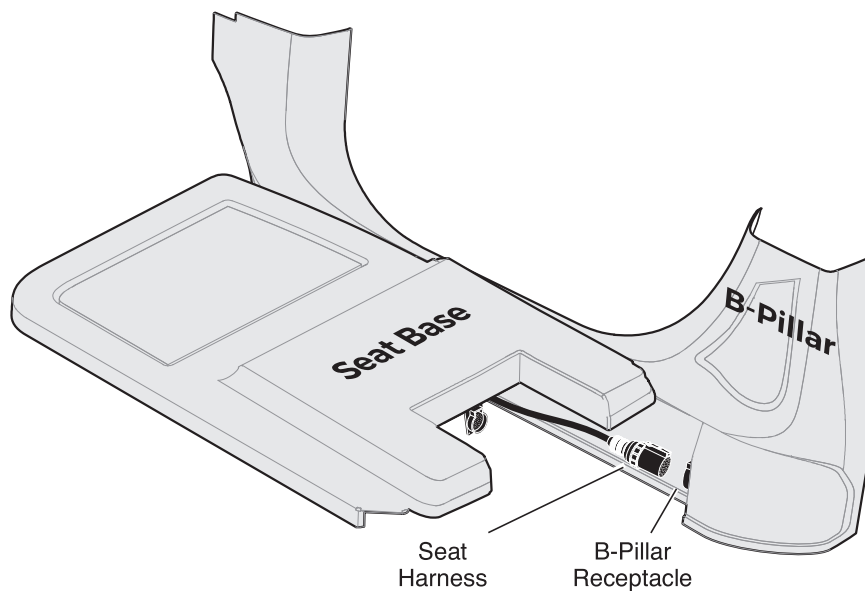
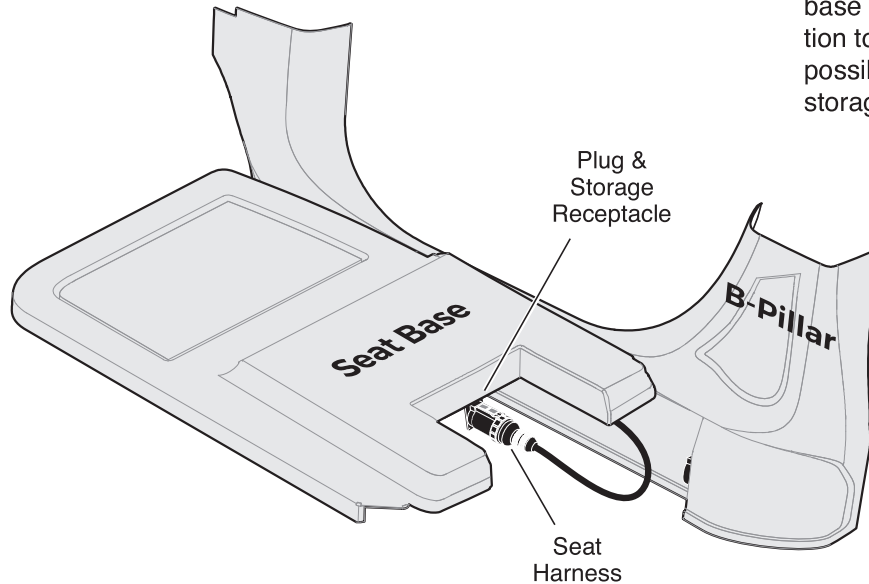


Figure 14

**Seat Harness
Storage
Connection**

Seat base (riser) shown without seat
and lower mechanism for clarity.

Front passenger seat shown.



Harnesses Seat Base Storage Receptacle

When seats are removed, the seat electrical harness plug must be connected to the storage receptacle provided in the seat base (front passenger seat only). Connection to storage receptacle will minimize the possibility of seat air bag deployment during storage.

⚠ WARNING

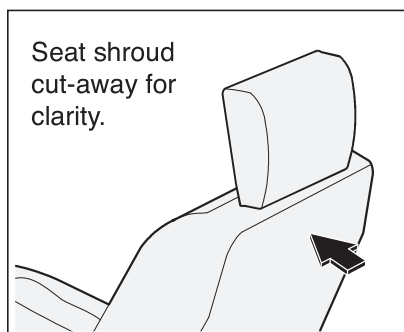
Connect front seat wiring harness plug to socket provided in the seat base before removing front seat. Failure to do so may result in serious bodily injury and/or property damage.

SEAT OPERATION / REMOVAL / INSTALLATION

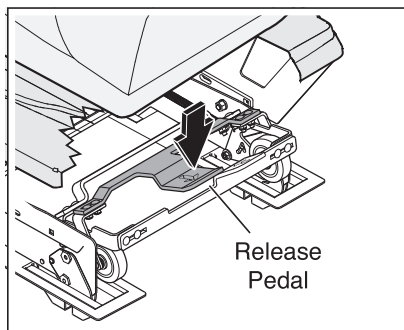
Passenger Front Seat Base

Quick-release seat base (riser) attachments engage recessed floor strikers. A foot-activated release pedal is located at the rear of the seat base. Stepping on the pedal disengages the attachments and deploys the seat base rear wheels.

Note: For ease of disengagement, move the seat to the full forward and upright position before removing seat. Push the seat back forward and upward while stepping on release foot pedal (ensures full deployment of rear wheels).



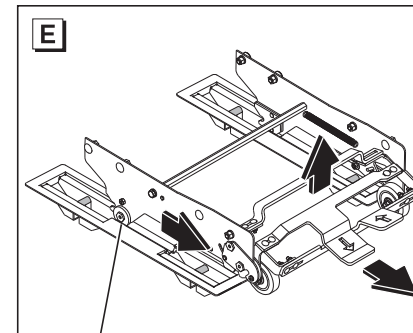
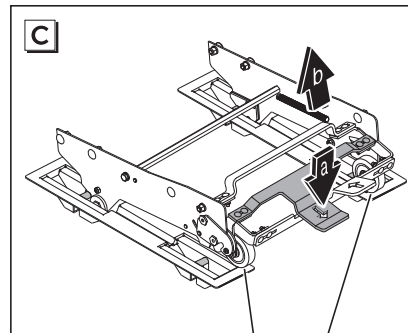
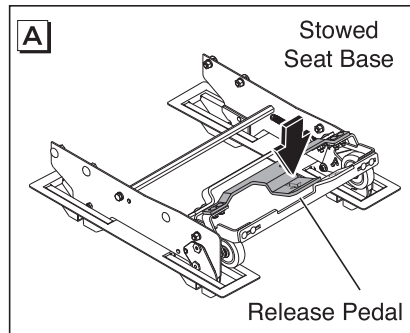
Push seat back forward and upward while stepping on foot pedal.



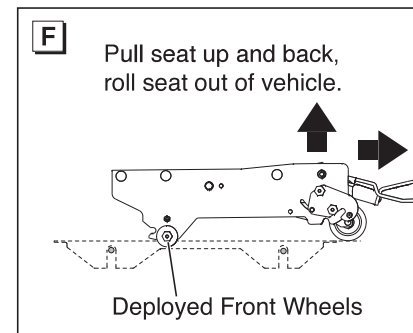
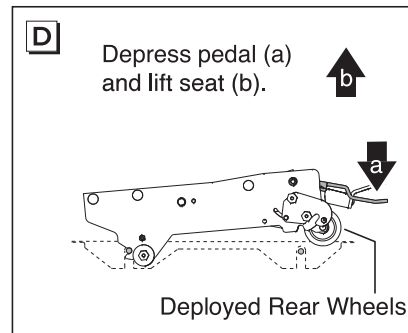
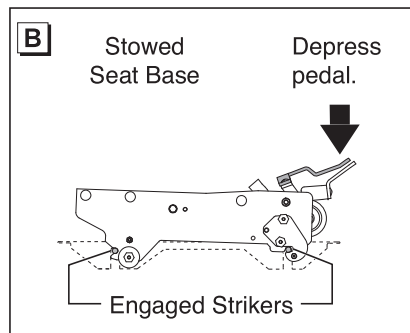
Removal Instructions

1. Move seat to full forward and upright position.
2. Caution! Disconnect seat wiring harness before removing seat base. Connect harness to seat base socket. See pages 39-41 for wiring harness details.
3. Depress release pedal (push down until it locks). Note: Push seat back forward and upward while stepping on release pedal (shown at left). See Figures A-D.
4. Pull up and back on the rear of seat (deploy front wheels). See Figures E and F.
5. Roll seat base out of vehicle as shown.

SEAT OPERATION / REMOVAL / INSTALLATION



Illustrations depict seat base only.



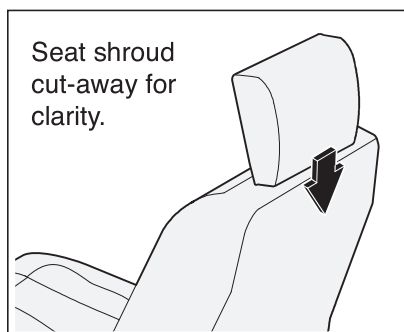
SEAT OPERATION / REMOVAL / INSTALLATION

Passenger Front Seat Base

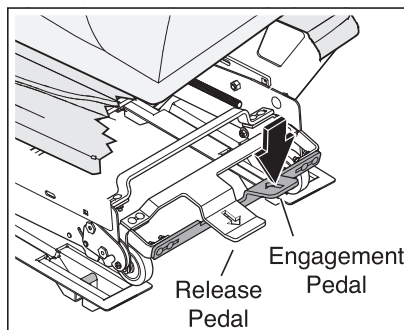
Quick-release seat base (riser) attachments engage recessed floor strikers. A foot-activated engagement pedal is located at the rear of the seat base. Stepping on the engagement pedal engages (locks) the attachments and retracts the seat base rear wheels.

⚠ WARNING

Seat attachments must be fully latched in floor supports before occupying seats or operating vehicle. Failure to do so will result in serious bodily injury.



Push seat back downward while stepping on foot pedal.



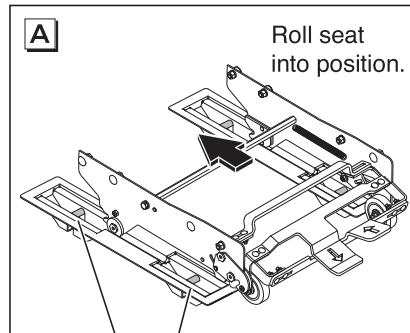
Installation Instructions

1. Roll seat base into position, just behind the floor mounted strikers. See Figures A and B. Move seat base forward to engage front strikers. See Figures C and D.

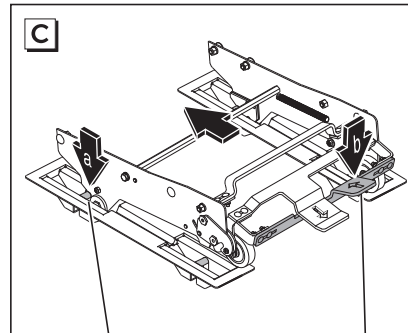
Note: Position outside of seat base alongside wall panel for easy alignment.

2. Depress rear engagement pedal (push down) to stow rear wheels and engage rear seat attachments with floor strikers. See Figures C-F. Lift seat to ensure floor strikers are locked in seat attachments.
3. Connect (plug) seat electrical harness to B-pillar receptacle. See page 40.

SEAT OPERATION / REMOVAL / INSTALLATION

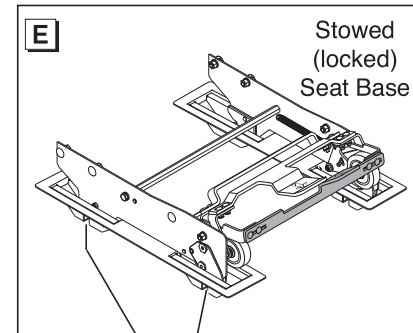


Floor Strikers

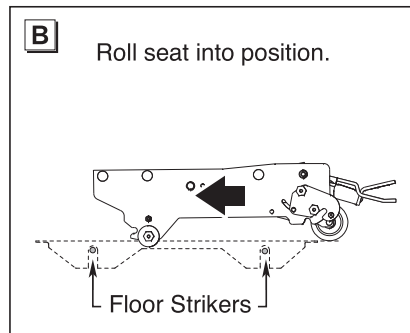


Engaged Front Strikers

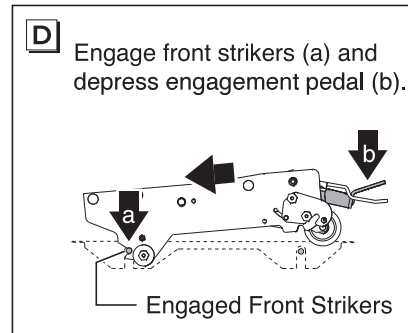
Engagement Pedal



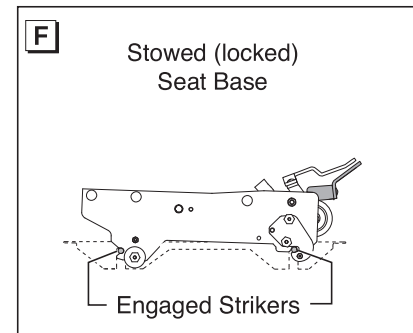
Engaged Strikers



Floor Strikers



Engaged Front Strikers



Engaged Strikers

SEAT OPERATION / REMOVAL / INSTALLATION

Midpoint Fold-A-Way Seat

A two-passenger fold-a-way seat is available as a midpoint seating option. The two passenger seat is mounted on a cantilever seat base. The seat can be stowed clear of the lowered floor for unrestricted wheelchair access when not in use.

Deploy (Lower) Seat

To Deploy (Lower) Seat:

1. Rotate truss lock (A) counterclockwise to unlock seat.
2. Push seat deploy latch (B), pull top of seat and lower to full horizontal position (ensure locked).

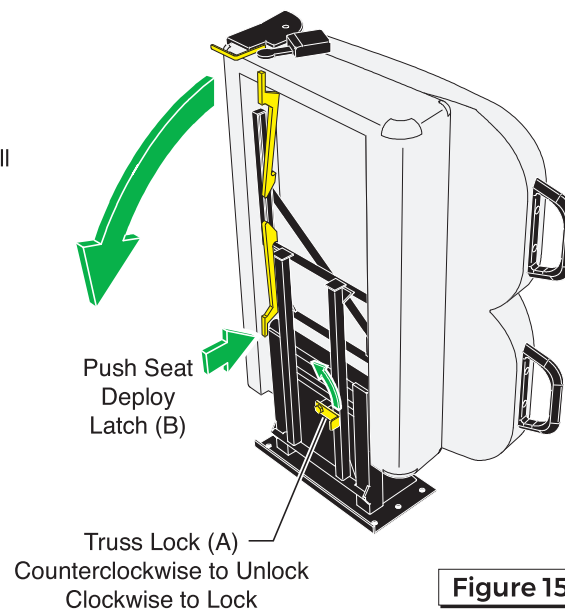


Figure 15

SEAT OPERATION / REMOVAL / INSTALLATION

Seat Back

To Deploy (Raise) Seat back:

Lift recline lever (C) and raise seat back rearward to vertical position. Ensure latch engagement.

To Stow (Lower) Seat back:

Lift recline lever (C) and lower seat back forward to horizontal position. Ensure latch engagement.

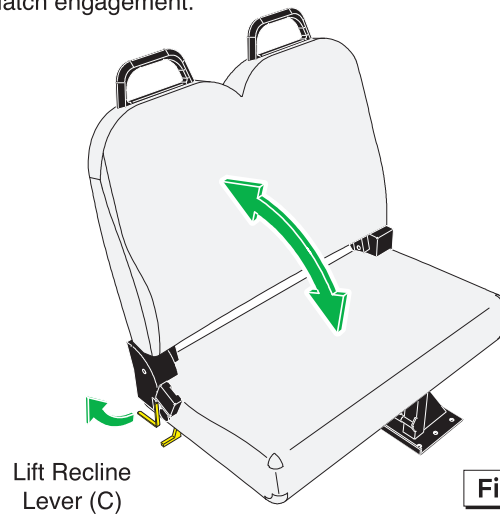


Figure 16

Stow (Raise) Seat

To Stow (Raise) Seat:

1. Lift seat stow latch (D) and lift seat to full vertical position (ensure locked).
2. Rotate truss lock (A) clockwise to lock seat. See Figure 15.

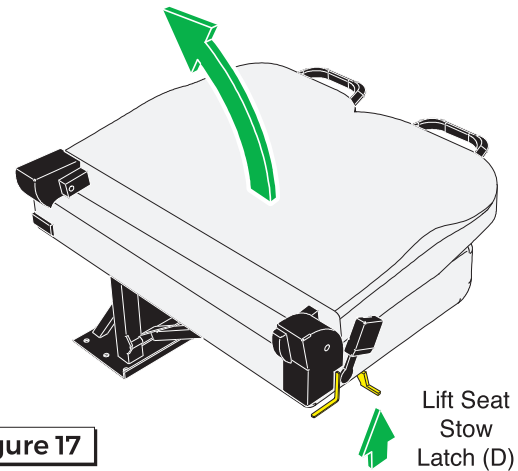


Figure 17

SEAT REMOVAL AND INSTALLATION

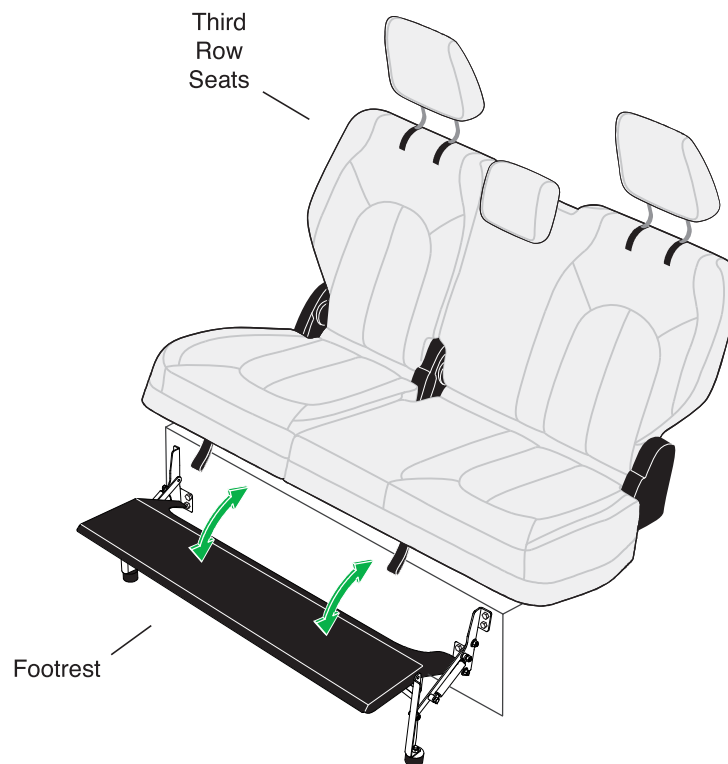
Third Row Seats

OEM third row seat functions have been affected by the conversion. The third row seats "tilt forward" lever has been disabled. The Auto-Stow button has been disabled and the Stow 'n Go™ seat storage system has been removed. Third row seats retain seat back fold and recline features. See OEM manual for seat fold and recline features.

Third Row Seat Footrest

A lighted third row seat footrest is provided to accommodate passenger footing with the lowered floor.

Deploy footrest (fold down).





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MAINTENANCE

BraunAbility® wheelchair accessible vehicles are designed to provide years of pleasure and mobility independence. Regular preventive maintenance procedures will ensure trouble-free operation and increase the service life of your vehicle, as well as enhancing safety. Review this maintenance section with your sales representative.

Consumer Maintenance

As a consumer, general preventive maintenance cleaning and visual inspection procedures should be a part of your routine. Keeping the wheelchair accessible door and lowered floor opening clean is one of the most effective preventive maintenance practices the consumer can exercise. Inspect and clean often.

Side Entry Vehicles

Foldout and Infloor Ramps: Keep the passenger side slide door lower track pan free of debris, ice and snow. Smooth unobstructed slide door operation is crucial for dependable door and ramp functions.

Infloor Ramp: Keep the infloor ramp and ramp cassette area clean as well as the door track. Dirt, mud, snow, ice and other debris entering the cassette can result in potential ramp problems.

Inspect wheelchair tiedowns, occupant restraint belts and associated hardware. See Strap, Belt and Anchorage Maintenance on page 23 for further details.

If there is any sign of damage, wear, abnormal condition or improper operation, discontinue use immediately. Contact your sales representative or call 1-800-488-0359. One of our BraunAbility® Customer Care representatives will direct you to an authorized service center.

Preventive maintenance procedures performed by the consumer do not take the place of the procedures outlined in Maintenance Guidelines and Service Log Booklet, or the maintenance procedures specified in the corresponding service manual.



Dealer Scheduled Maintenance

Maintenance of the wheelchair accessible systems and equipment is vital to function and reliability. Mobility equipment maintenance should be performed in conjunction with the maintenance scheduled by the vehicle OEM manufacturer.

Have OEM and BraunAbility® maintenance procedures performed according to recommended oil change intervals, or at 5,000 mile/8,000 km/6 month intervals (whichever comes first). A detailed maintenance schedule is provided in the Maintenance Guidelines and Service Log

Booklet that will closely correspond with the OEM maintenance schedule. Keep track of scheduled maintenance and service procedures in the Maintenance and Service Log.

BraunAbility® lowered floor wheelchair accessible vehicles must be maintained and serviced by authorized service representatives who have attended the Mobility Service Excellence training program (MSE certified).

Service technicians should be familiar with the lowered floor configuration and any specialized driving equipment (driving controls). Extra care must be taken to avoid possible damage.

Your BraunAbility® certified dealer can perform maintenance and

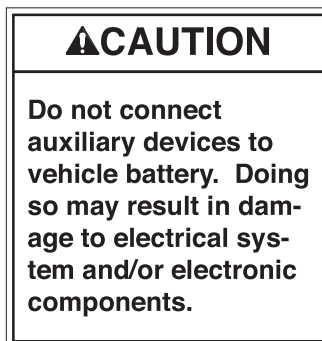
service procedures, or recommend a qualified service facility. If in doubt, call 1-800-488-0359. A BraunAbility® Customer Care representative will direct you to an authorized service center.

⚠ WARNING

Maintenance and lubrication procedures must be performed by authorized service personnel as specified in this manual, maintenance booklet and applicable service manual. Failure to do so may result in serious bodily injury and/or property damage.

AUXILIARY POWER SUPPLY / BELOW FLOOR OBSTRUCTIONS

Note: The technical information provided on pages 52-55 of this manual is service related. If you are having an electrical tie-down, power seat or other auxiliary electrical device installed in your vehicle, this information should be supplied to the technician.



Auxiliary Power Supply: Do not connect auxiliary devices directly to the vehicle battery. Doing so may result in damage to electrical system and/or electronic components.

Two fuse blocks are provided as an auxiliary power source for dealer-installed auxiliary electrical device(s). Fuse block details and specifications are provided on following page. The fuse blocks are located at the bottom of the center console.

Below Floor Obstructions: When installing aftermarket equipment, obstructions below the floor must be avoided. Obstructions include wiring, fuel system, brake lines, etc. Installers must be aware of these obstructions.

Refer to the illustration on page 55 to avoid contacting or damaging vital components under the floor.



AUXILIARY POWER SUPPLY / BELOW FLOOR OBSTRUCTIONS

Fuse Blocks: Two fuse blocks are provided for use as an auxiliary power source (one ignition fuse block and one battery fuse block).

The battery fuse block provides power at all times (independent of the vehicle ignition). The ignition fuse block supplies power only when the vehicle ignition is on.

The installer is responsible for supplying the correct gauge wire and fuse for the particular device to be attached to the fuse block (as specified by the manufacturer of the device).

Ignition Fuse Block: The total maximum load must not exceed 30 amperes.

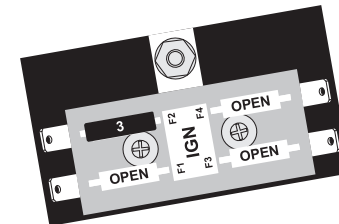
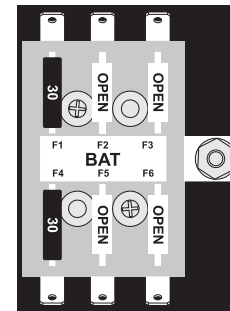
Battery Fuse Block: The total maximum load must not exceed 40 amperes.

Note: If installing an auxiliary electrical device that requires more than a 30 ampere ignition or 40 ampere battery power source, an alternative power source must be provided.

Fuse Block Access: The fuse blocks are located at the bottom of the center console. Fuse block access procedures are provided in the service manual.

Note: The fuse blocks are part of an electrical assembly. Two ground studs are also provided.

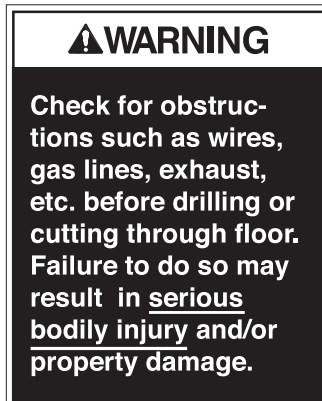
Under Dash Fuse Blocks



AUXILIARY POWER SUPPLY / BELOW FLOOR OBSTRUCTIONS

Below Floor Obstructions

When installing an electrical tie-down, power seat or other aftermarket electrical device, obstructions below the floor must be avoided. Obstructions include wiring, fuel system, brake lines, etc. Installers must be aware of these obstructions.

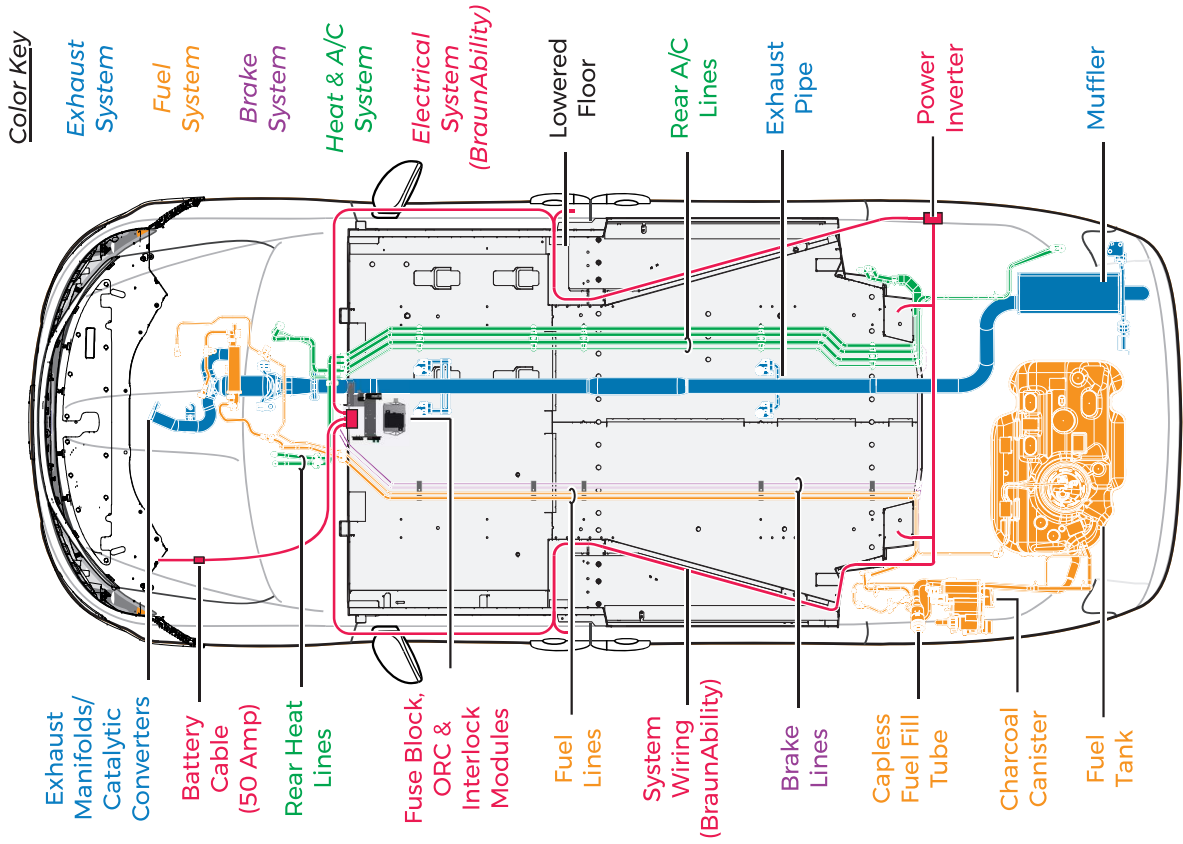


Refer to the illustration on the following page when installing aftermarket equipment to avoid contacting or damaging vital components under the floor. Drilling or cutting into such obstructions may result in potential hazards as well as property damage.

Note: Some wiring harnesses shown may not be present. Avoid all harness locations.



AUXILIARY POWER SUPPLY / BELOW FLOOR OBSTRUCTIONS



JACKING AND TIRE CHANGING

Jacking and Tire Changing

OEM Deflated Spare (Standard): The spare tire is located in the driver side rear wall compartment (OEM location).

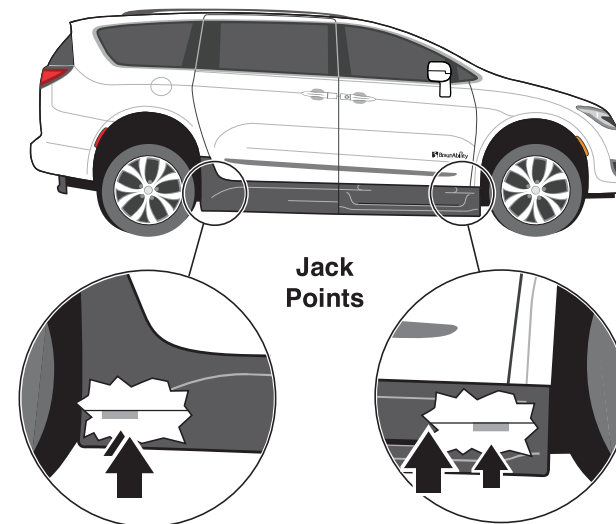
Full Size Spare Tire Mount (Option): Interior mounted full size spare tire is located on the driver side rear floor behind the third row seats.

Jack Location: The OEM jack equipment is located in the driver side rear wall compartment (OEM location - if equipped).

Jack Points: Front and rear wheel jacking points have been repositioned during conversion procedures. The modified vehicle jack points are depicted in the illustration at right.

Jacking and Tire Changing Procedures: Jacking and tire changing procedures have not been affected by the conversion. Detailed tire changing instructions are provided in the OEM-supplied owner's manual.

Refer to the OEM-supplied manual for tire changing instructions and safety precautions, as well as instructions regarding other roadside emergencies.



Towing with a Lowered Floor Vehicle

If your vehicle is equipped with an OEM factory installed trailer tow bumper package, refer to the OEM manual for towing guidelines and precautions. Be sure to comply with critical weight limits before towing. Aftermarket trailer tow packages are prohibited.

Transporting a Lowered Floor Vehicle

BraunAbility lowered floor vehicles should be transported on a trailer rather than towed with one set of wheels suspended and the other set of wheels remaining in road contact.



Trailer Transport

REPORTING SAFETY DEFECTS

Reporting Safety Defects to BraunAbility

In addition to notifying NHTSA we certainly hope you will notify us. Please contact Customer Care at 1-800-488-0359, or write:

BraunAbility
631 West 11th Street
P.O. Box 310
Winamac, IN 46996 USA

Reporting Safety Defects to the United States Government

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying BraunAbility.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer or BraunAbility.

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 366-0123 in Washington, D.C. area) or write to:

NHTSA, U.S. Department of Transportation
Washington, D.C. 20590

You can also obtain other information about motor vehicle safety from the Hotline.



1.800.THE.LIFT

braunability.com

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508989 Rev A

May 2020

**REQUEST FOR QUOTATION
 ADA LOWERED FLOOR MINIVANS
 CRFQ PTR22*10 - EXHIBIT A PRICING PAGE**

Class	Vehicle Description	Unit Price Per Vehicle	Estimated Quantity	Extended Price
A	Vehicle, One Wheelchair Position, White, No Stripes or Logos	\$62,260.00	5	\$311,300.00
B	Vehicle, One Wheelchair Position, Transit Systems Paint Scheme, (See Exhibit B)	\$63,045.00	5	\$315,225.00
C	Vehicle, One Wheelchair Position, Transit Systems Paint Scheme, (See Exhibit C)	\$63,435.00	5	\$317,175.00
D	Vehicle, One Wheelchair Position, White, 5310 Logo, Stripes and Agency Name and Phone Number (See Exhibit D)	\$63,890.00	5	\$319,450.00

TOTAL BID EVALUATION	\$1,263,150.00
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Complete form provided
Please note these are only estimated quantities and do not reflect any guarantee of purchase
The DPT may purchase more or less as needed.
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