



# LEXINGTON

## **Bid 42-2024**

### **Creative Bus Sales, Inc.**

### **Supplier Response**

#### **Event Information**

Number: Bid 42-2024  
Title: Prisoner Transport Van  
Type: Competitive Bid  
Issue Date: 3/14/2024  
Deadline: 3/28/2024 02:00 PM (ET)  
Notes: ONLY ONLINE BIDS WILL BE ACCEPTED FOR THIS SOLICITATION. PRICING SHOULD BE SUBMITTED ON THE LINE ITEMS TAB ONLY. PRICING WITHIN SUBMITTALS WILL NOT BE ACCEPTED AND MAY MAKE YOUR BID NON-RESPONSIVE.

PLEASE UPLOAD YOUR DOCUMENTS AS ONE FILE.

#### **Contact Information**

Contact: Jessica Allinder  
Address: Procurement  
Government Center Building  
200 East Main Street  
Lexington 40507  
Email: [jallinder@lexingtonky.gov](mailto:jallinder@lexingtonky.gov)

## Creative Bus Sales, Inc. Information

Contact: Nick Corley  
Address: 9225 Priority Way  
Suite 300  
Indianapolis, IN 46240  
Phone: (888) 633-8380  
Email: biddepartment@model1.com

ONLY ONLINE BIDS WILL BE ACCEPTED! By submitting your response, you certify that you are authorized to represent and bind your company and that you agree to all bid terms and conditions as stated in the attached bid/RFP/RFQ/Quote/Auction documents.

Nick Corley

*Signature*

*Submitted at 3/28/2024 11:42:13 AM (ET)*

biddepartment@model1.com

*Email*

## Response Attachments

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FTA TVM List

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FTA DBE Letter

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Product and Price Proposal

Bid Attributes

1	<b>Bid package</b> Have you completed and attached your bid package? This is a contractual agreement and required for all bids. <input checked="" type="checkbox"/> YES
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Bid Lines

1	Van as per specifications				
	Quantity: <u>1</u>	UOM: <u>EA</u>	Price: <div>\$70,679.00</div>	Total: <div>\$70,679.00</div>	
	Manufacturer: <div>Toyota</div>				

Response Total: \$70,679.00





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**MODEL 1 COMMERCIAL VEHICLES**

9225 Priority Way W. Dr.

Suite 300

Indianapolis, IN 46240

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## Letter of Transmittal

Division of Procurement,

Thank you and Lexington-Fayette Urban County Government for the opportunity to submit a response to Invitation to Bid #42-2024, Prisoner Transport Van.

Our understanding of the scope of work pertaining to this Invitation to Bid is to provide the Lexington-Fayette Urban County Government proposals for the manufacture and delivery of products in accordance with the terms and conditions set forth in this solicitation, meeting all specifications and FMVSS laws.

Model 1's proposal may include manufacturer's brochures, standard warranty information, and additional technical information within our bid submittal. Information shown on these documents indicates our manufacturer's standard equipment or specifications and does not necessarily reflect the exact equipment to be utilized or included with the bid vehicle(s). Our vehicle is built to comply with all requirements, specifications, and amendments, unless otherwise noted in our exceptions.

The resulting contract will be for (1) 2023 BraunAbility Toyota Sienna Hybrid Minivan with related necessary components, and selected options.

**Please note that Model 1 Commercial Vehicles is bidding with a stock unit, which is available for immediate delivery. Proof of inventory is attached and VIN (Vehicle Identification Number) to provide supporting evidence is added here: 5TDKRKEC2PS167125.**

The information contained in our proposal contains our qualifications to perform the required work, detailed specifications, warranties, and descriptions of our facilities and staff.

Included are all the required documentation and general forms. If you need more information or clarification, please give us a call on 800.326.2877 with any inquiries.

Sincerely,

**Nick Corley | Transit Bid Manager**

Model 1 Commercial Vehicles, Inc.

800-326-2877

ncorley@model1.com



## **MODEL 1 COMMERCIAL VEHICLES**

9225 Priority Way W. Dr.

Suite 300

Indianapolis, IN 46240

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# Experience and Qualifications

## Responder Information

Model 1 Commercial Vehicles, Inc.  
2529 Oneida Road  
Charlotte, North Carolina, 28269

Jeff Shank | Regional Vice President  
Phone: 800.326.2877  
Email: JShank@Model1.com

## 1. Background and Experience

Operating 23 full-service locations, Model 1 Commercial Vehicles is the largest bus dealership in the United States representing over 20 major vehicle manufacturers. The Company's team of vehicle sales representatives possess over 560 years of cumulative vehicles sales experience, resulting in 5,000+ vehicles sold nationwide every year.

Model 1 Commercial Vehicles is dedicated to servicing its customers at the highest possible level. Nationwide, the Company has more than 270 company operated service bays dedicated to pre-delivery inspections, warranty, and service work. Green Alternative Systems (GAS), a division of Model 1 Commercial Vehicles, has performed over 10,000 alternative fuel conversions (CNG, Propane, and Electric). Additionally, the Company is the only dealership in the nation to possess multiple Ford-certified, Qualified Vehicle Modifier (QVM) dealership locations.

Model 1 Commercial Vehicles has a dedicated customer service department to manage all pre- and post-sales needs of its customers. The Company has a team of 25+ dedicated outside and inside parts sales representatives responsible for handling all customer parts needs. Model 1 Commercial Vehicles currently holds multiple State Purchasing Contracts, a partial listing of contracts is shown below.

### **Nationwide Transit Contract Experience (a partial listing of significant projects)**

- |                                |                                      |
|--------------------------------|--------------------------------------|
| • Orange County Transit (OCTA) | Over 950 Paratransit Buses & Vans    |
| • City of Los Angeles (LADOT)  | Over 500 Paratransit Buses           |
| • Caltrans/DGS                 | Over 5,000 Paratransit Buses & Vans  |
| • RTC Las Vegas                | Over 400 Paratransit & Transit Buses |
| • Access Services              | Over 1,000 Paratransit Mini Vans     |
| • Dallas DART                  | Over 400 Paratransit Buses           |
| • Florida (FDOT)               | Over 600 Paratransit Buses & Vans    |
| • GSA                          | Over 350 Paratransit Buses           |
| • Arizona Dept of Trans (ADOT) | Over 600 Paratransit Buses & Vans    |
| • North Carolina (NCDOT)       | Over 600 Paratransit Buses & Vans    |
| • Texas (Multiple Contracts)   | Over 1,200 Paratransit Buses & Vans  |
| • Washington (WSDOT)           | Over 650 Paratransit Buses & Vans    |
| • Oregon (ODOT)                | Over 300 Paratransit Buses & Vans    |



#### **MODEL 1 COMMERCIAL VEHICLES**

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- Oklahoma (Multiple Contracts) Over 400 Paratransit Buses & Vans
  - New Mexico (NMDOT) Over 450 Paratransit Buses & Vans

Model 1 Commercial Vehicles currently holds transit contracts and/or services customers in the following states: WA, OR, CA, NV, ID, MT, WY, UT, CO, AZ, NM, KS, OK, TX, IL, IN, AR, LA, MS, AL, GA, FL, NC, SC, PA, TN, MD, and MA.

#### **Customer Service Capabilities**

Model 1 Commercial Vehicles' service locations are located within the contract requirements of all recipient locations. The Creative Care and Technical team are available to assist immediately as needed. The Company has the authority to deploy internal and factory personnel from any discipline including engineering, manufacturing, parts, service, and management in response to a customer's needs. No delay in problem resolution due to out-of-state factory personnel availability is experienced. Swift and accurate resolutions to issues and needs are achieved through factory personnel directly reviewing issues, "firsthand," as they are presented.

Model 1 Commercial Vehicles has excellent relations with all major component manufacturers. The Company's Service Technicians and supervisory team are certified by John Deere, Cummins, A/C Carrier, MCC, Trans Air, Thermo King, Freedman Seating, Ricon, and Braun amongst many others. Service Technicians are graduates of the Automotive Technical College, and many are Automotive Service Excellence (ASE) Master Technicians.

The Model 1 Commercial Vehicles' Parts and Service Department is dedicated solely to the service and support of commercial and transit buses and does not service any other type of equipment, school buses or trucks. Such focus ensures an unmatched level of competency in the industry. Technical assistance can be provided immediately during business hours by contacting Model 1 Commercial Vehicles service technicians. A complete description of warranty policy and procedures can be provided upon award.

With over 5,000 units sold annually, Model 1 Commercial Vehicles has the largest "fleet" of vehicles in service in the nation. This gives the Company the most vehicle performance data in the industry. The Company is exposed to issues with vehicles across the country in a variety of operating conditions. This data allows the Company to recognize issues well in advance of smaller dealers that do not service the volume of vehicles Model 1 Commercial Vehicles does. This translates to quicker warranty approvals and repair execution for customers, as many times the Company has already seen the issue prior to receiving the call. Additionally, our technical support team has an information sharing process that communicates common issues and repairs, resulting in reduced troubleshooting times frames and quicker repairs. All of this allows the Company to get customer vehicles back up and running in the quickest manner possible, minimizing downtime for the county's end users.



## **MODEL 1 COMMERCIAL VEHICLES**

9225 Priority Way W. Dr.

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### **List of Centers**

One call to our dedicated Creative Care team will initiate immediate warranty service and technical response. Model 1 Commercial Vehicles is an authorized repair facility for all products represented. The Company has the authority to make on the spot decisions regarding warranty repairs and approvals. In addition to the Company operated facilities, local warranty repair facilities will be authorized to perform the required repair on an as needed basis. Our intent is to make all warranties and service as local as possible while providing the customer with the best possible service. Our team of certified technical advisors are available to assist with any necessary troubleshooting efforts. This ensures less downtime and a better overall experience for the county's end users.

### **Spare Parts and Inventory Levels**

A critical part of the project is a quick response time to service assistance and parts supply. Model 1 Commercial Vehicles operates dedicated parts warehousing operations with over 60,000 square feet of capacity and \$10,000,000 worth of inventory. The Company stocks significant parts supply at all its locations. In addition, the Company operates dedicated parts warehouses in Arizona, California, Florida, Indiana, Georgia, Pennsylvania, and Texas.

One call to our Parts Department will facilitate the end user's needs. With 25+ dedicated employees, Model 1 Commercial Vehicles' Parts Department has over sixty years of cumulative experience in this field. Most parts can be shipped within twenty-four hours of order. A complete description of the parts policy and procedures can be provided upon award.

### **Inspection procedures**

Due to Model 1 Commercial Vehicles' proximity to manufacturers' locations, the Company has inspectors on site during vehicle builds. The Company has a team of inspectors located in Elkhart, Indiana that visits manufacturer facilities on an ongoing basis. This allows the Company to catch any potential issues during the building process, prior to customer receipt. Once completed at the manufacturer, vehicles are delivered to a Company location for additional inspection. In many cases these vehicles flow through Model 1 Commercial Vehicles' Elkhart inspection facility immediately following completion. The Elkhart facility is over 50,000 square feet and processes deliveries of approximately 1,500 vehicles yearly. Any issues identified can be repaired in house or sent back to the manufacturer for repair. Next, vehicles are shipped to one of the Company's local facilities for final PDI (Pre-Delivery Inspection). This additional inspection allows the Company to catch any issues that may have occurred during the initial driving period of the vehicle. Any deficiency noted shall be repaired before delivery. All documents required under the contract shall be provided upon delivery or pickup. The Company inspection processes mentioned above are all in addition to any inspections performed by the manufacturer and/or line inspectors hired by the end user.

## **2. Key Personnel and Experience**

### **Contract Management Team**

- Tony Matijevich | President

**MODEL 1 COMMERCIAL VEHICLES**

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- TJ Matijevich | Vice President Sales
- JR Sauder | Senior Vice President
- Jeff Shank | Regional Vice President
- **Chris Yarber | Sales Executive, Project Manager**
- Nick Corley | Sales Operations Manager
- Carl Henderson | Senior Director of Service
- Jamie Greenlaw | Fleet Warranty Administrator

### 3. Fiscal Responsibility

With a 40 year history, 23 locations nationwide, and 350+ employees, Model 1 Commercial Vehicles has the necessary longevity and financial stability to service any contract of any size. Since 1980, the Company has grown to service customers in every state in the U.S. More than 50% of the Company's facilities are owned facilities, not leased properties, with significant investment in renovations, equipment, and employees.

Model 1 Commercial Vehicles has long standing relationships with vehicle floorplan providers and banking partners. Floorplan relationships go back 20+ years and the same goes for its banking relationships. The Company has achieved increased revenue, sales, and transaction growth year over year for the past 10+ years.

### 4. Delivery Performance

Model 1 Commercial Vehicles prides itself on delivering vehicles on time with all specifications met. The Company has not paid liquidated damages on any transit contract in the past five (5) years.

### 5. Ownership History and Statement Regarding Judgements and Violations

Originally founded in 1980 as Creative Transportation Systems (CTS), the Company was later renamed Creative Bus Sales, Inc. in 1990 and now Model 1 Commercial Vehicles, Inc. since 2023. The current owner, Tony Matijevich, purchased the Company in 1993 and it has been family-owned and operated since. Prior to purchasing Model 1 Commercial Vehicles, Tony was the President of Eldorado National, the largest manufacturer of small and mid-size buses in the nation at the time. Under the current leadership and vision, Model 1 Commercial Vehicles has become the largest-volume small, mid, and large-size bus and van dealership in the United States. Over the past 40 years, the Company has expanded its scope through a combination of dealer acquisitions and organic growth.

Model 1 Commercial Vehicles was incorporated in the State of California in 1993 under the current ownership. Model 1 Commercial Vehicles has had no judgments, litigation, licensing violations or other violations outstanding or resolved against it within the past five (5) years.

### 6. Additional Information

Model 1 Commercial Vehicles Nationwide Locations:

1. Chino, CA
2. Sacramento, CA

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- |                         |                      |
|-------------------------|----------------------|
| 3. Canby, OR            | 14. Elkhart, IN      |
| 4. Mukilteo, WA         | 15. Buffalo, NY      |
| 5. Phoenix, AZ          | 16. Canonsburg, PA   |
| 6. Albuquerque, NM      | 17. Carlstadt, NJ    |
| 7. Colorado Springs, CO | 18. Hudson, NH       |
| 8. Irving, TX           | 19. Jacksonville, FL |
| 9. Lewisville, TX       | 20. Davie, FL        |
| 10. Tyler, TX           | 21. Orlando, FL      |
| 11. Rogers, AR          | 22. Charlotte, NC    |
| 12. Slidell, LA         | 23. College Park, GA |
| 13. Jackson, MS         |                      |

**Notices should be sent c/o**

Jeff Shank Model 1 Commercial Vehicles, Inc.

Phone: 800.326.2877

Fax: 909-465-5529

2529 Oneida Rd., Charlotte, NC, 28269

Email: JShank@Model1.com

**Preparer**

Nick Corley, Transit Bid Manager for Model 1 Commercial Vehicles, Inc. is the preparer of this proposal.

**Flexible Scope**

Creative Bus Sales is committed to flexibility in the products and services offered in the contract upon request by The Lexington-Fayette Urban County Government.

**Independent Pricing**

Model 1 certifies that in connection with this Contract the prices proposed have been arrived at without consultation, communication, or agreement for the purpose of restricting competition.

**Signer(s)**

Each person signing this proposal and/or addenda is the person responsible for or authorized to make decisions as to the prices quoted in the cost proposal and has not participated and will not participate in any action contrary to those stated above.

**Consent**

If awarded a contract, Model 1 will not assign any part of its interest in the agreement without prior consent of The Lexington-Fayette Urban County Government.

**Acceptance of Terms**

Model 1 accepts the Contract Terms and Conditions.



**MODEL 1 COMMERCIAL VEHICLES**

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**Cutoff Dates**

Creative Bus Sales agrees to comply with this section. Model year cutoffs are well communicated by the OEM's and chassis dealers alike. We generally receive 60 – 90 day notice and will notify the agency promptly.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Nick Corley'.

**Nick Corley | Transit Bid Manager**  
Model 1 Commercial Vehicles, Inc.





LEXINGTON

## Lexington-Fayette Urban County Government

Lexington, Kentucky  
Horse Capital of the World

Division of Procurement

Date of Issue: March 14, 2024

### INVITATION TO BID # 42-2024 Prisoner Transport Van

**Bid Opening Date:** March 28, 2024

**Bid Opening Time:** 2:00 PM

**Address:** 200 East Main Street, Lexington, Kentucky 40507

**Type of Bid:** Firm Bid

**Pre Bid Meeting:** Month XX, 20XX

**Pre Bid Time:** X:XX xm

**Address:** XXXXXXXXXX Street

Sealed bids will ONLY be received online at <https://lexingtonky.ionwave.net/> until **2:00 PM**, prevailing local time on **03/28/2024**. Bids must be submitted/uploaded by the above-mentioned date and time.

Bids are to include all shipping, handling and associated fees to the point of delivery located at: 669 Byrd Thurman Drive, Lexington, KY 40510

<b>Check One:</b> <input type="checkbox"/> Bid Specifications Met <input checked="" type="checkbox"/> Exceptions to Bid Specifications. <i>Exceptions shall be itemized and attached to bid proposal submitted.</i>		<b>Proposed Delivery:</b> <u>30</u> days after acceptance of bid.
<b>Procurement Card Usage</b> —The Lexington-Fayette Urban County Government may be using Procurement Cards to purchase goods and services and also to make payments. Will you accept Procurement Cards? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

Submitted by: Model 1 Commercial Vehicles, Inc.

*Firm Name*

2529 Oneida Road

*Address*

Charlotte, North Carolina, 28268

*City, State & Zip*

**Bid must be signed:**  
(original signature)

- Transit Bid Manager

**Signature of Authorized Company Representative – Title**

Nick Corley

*Representative's Name (Typed or printed)*

888-633-8380

909-465-5529

*Area Code - Phone – Extension*

*Fax #*

BidDepartment@Model1.com

*E-Mail Address*

*The Affidavit in this bid must be completed before your firm can be considered for award of this contract.*

**AFFIDAVIT**

Comes the Affiant, Nick Corley, and after being first duly sworn under penalty of perjury as follows:

1. His/her name is Nick Corley and he/she is the individual submitting the bid or is the authorized representative of Model 1 Commercial Vehicles, Inc., the entity submitting the bid (hereinafter referred to as "Bidder")
2. Bidder will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the bid is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.
3. Bidder will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.
4. Bidder has authorized the Division of Procurement to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.
5. Bidder has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Bidder will not violate any provision of the campaign finance laws of the Commonwealth.
6. Bidder has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."
7. Bidder acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

Further, Affiant sayeth naught. \_\_\_\_\_

**STATE OF** Georgia

**COUNTY OF** Clayton

The foregoing instrument was subscribed, sworn to and acknowledged before me  
by Nick Corley on this the 26 day  
of March, 2021

My Commission expires: 4-17-2027



[Signature]  
NOTARY PUBLIC, STATE AT LARGE

*Please refer to Section II. Bid Conditions, Item "U" prior to completing this form.*

## **I. GREEN PROCUREMENT**

### **A. ENERGY**

The Lexington-Fayette Urban County Government is committed to protecting our environment and being fiscally responsible to our citizens.

The Lexington-Fayette Urban County Government mandates the use of Energy Star compliant products if they are available in the marketplace (go to [www.Energystar.gov](http://www.Energystar.gov)). If these products are available, but not submitted in your pricing, your bid will be rejected as non-compliant.

ENERGY STAR is a government program that offers businesses and consumers energy-efficient solutions, making it easy to save money while protecting the environment for future generations.

#### Key Benefits

These products use 25 to 50% less energy  
Reduced energy costs without compromising quality or performance  
Reduced air pollution because fewer fossil fuels are burned  
Significant return on investment  
Extended product life and decreased maintenance

### **B. GREEN SEAL CERTIFIED PRODUCTS**

The Lexington-Fayette Urban County Government is also committed to using other environmentally friendly products that do not negatively impact our environment. Green Seal is a non-profit organization devoted to environmental standard setting, product certification, and public education.

Go to [www.Greenseal.org](http://www.Greenseal.org) to find available certified products. These products will have a reduced impact on the environment and on human health. The products to be used must be pre-approved by the LFUCG prior to commencement of any work in any LFUCG facility. If a Green Seal product is not available, the LFUCG must provide a signed waiver to use an alternate product. Please provide information on the Green Seal products being used with your bid response.

### **C. GREEN COMMUNITY**

**The Lexington-Fayette Urban County Government (LFUCG) serves as a principal, along with the University of Kentucky and Fayette County Public Schools, in the Bluegrass Partnership for a Green Community. The Purchasing Team component of the Partnership collaborates on economy of scale purchasing that promotes and enhances environmental initiatives. Specifically, when applicable, each principal is interested in obtaining best value products and/or services which promote environment initiatives via solicitations and awards from the other principals.**

**If your company is the successful bidder on this Invitation For Bid, do you agree to extend the same product/service pricing to the other principals of the Bluegrass Partnership for a Green Community (i.e. University of Kentucky and Fayette County Schools) if requested?**

Yes   X                        No       

## **II. Bid Conditions**

- A. No bid may be withdrawn for a period of sixty (60) days after the date and time set for opening.
- B. No bid may be altered after the date and time set for opening. In the case of obvious errors, the Division of Procurement may permit the withdrawal of a bid. The decision as to whether a bid may be withdrawn shall be that of the Division of Procurement.
- C. Acceptance of this proposal shall be enactment of an Ordinance by the Urban County Council.

## **LFUCG Non-Appropriation Clause**

Contractor acknowledges that the LFUCG is a governmental entity, and the contract validity is based upon the availability of public funding under the authority of its statutory mandate.

In the event that public funds are unavailable and not appropriated for the performance of the LFUCG's obligations under this contract, then this contract shall automatically expire without penalty to the LFUCG thirty (30) days after written notice to Contractor of the unavailability and non-appropriation of public funds. It is expressly agreed that the LFUCG shall not activate this non-appropriation provision for its convenience or to circumvent the requirements of this contract, but only as an emergency fiscal measure during a substantial fiscal crisis, which affects generally its governmental operations.

In the event of a change in the LFUCG's statutory authority, mandate and mandated functions, by state and federal legislative or regulatory action, which adversely affects the LFUCG's authority to continue its obligations under this contract, then this contract shall automatically terminate without penalty to the LFUCG upon written notice to Contractor of such limitation or change in the LFUCG's legal authority.

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## **EQUAL OPPORTUNITY AGREEMENT**

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### Standard Title VI Assurance

The Lexington Fayette-Urban County Government, (hereinafter referred to as the "Recipient") hereby agrees that as a condition to receiving any Federal financial assistance from the U.S. Department of Transportation, it will comply with Title VI of the Civil Rights Act of 1964, 78Stat.252, 42 U.S.C. 2000d-4 (hereinafter referred to as the "Act"), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, (49 CFR, Part 21) Nondiscrimination in Federally Assisted Program of the Department of Transportation – Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the "Regulations") and other pertinent directives, no person in the United States shall, on the grounds of race, color, national origin, sex, age (over 40), religion, sexual orientation, gender identity, veteran status, or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Recipient receives Federal financial assistance from the U.S. Department of Transportation, including the Federal Highway Administration, and hereby gives assurance that will promptly take any necessary measures to effectuate this agreement. This assurance is required by subsection 21.7(a) (1) of the Regulations.

### The Law

Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.



Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.

Section 503 of the Rehabilitation Act of 1973 states:

*The Contractor will not discriminate against any employee or applicant for employment because of physical or mental disability.*

Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.

Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

*The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.*

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

#### Bidders

*I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, veteran status, disability and age.*

  
\_\_\_\_\_  
Signature      - Nick Corley

\_\_\_\_\_  
Model I Commercial Vehicles, Inc.  
Name of Business


## **GENERAL PROVISIONS OF BID CONTRACT**

By signing the below, bidder acknowledges that it understands and agrees with the following provisions related to its bid response and the provision of any goods or services to LFUCG upon selection by LFUCG pursuant to the bid request:

1. Bidder shall comply with all Federal, State & Local regulations concerning this type of service or good. All applicable state laws, ordinances and resolutions (including but not limited to Section 2-33 (Discrimination due to sexual orientation or gender identity) and Chapter 13 (Licenses and Regulations) of the Lexington-Fayette Urban County Government Code of Ordinances, and Resolution No. 484-17 (Minority, Women, and Veteran-Owned Businesses)) and the regulations of all authorities having jurisdiction over the project shall apply to the contract, and shall be deemed to be incorporated herein by reference.
2. Failure to submit ALL forms and information required by LFUCG may be grounds for disqualification.
3. Addenda: All addenda and IonWave Q&A, if any, must be considered by the bidder in making its response, and such addenda shall be made a part of the requirements of the bid contract. Before submitting a bid response, it is incumbent upon bidder to be informed as to whether any addenda have been issued, and the failure of the bidder to cover any such addenda may result in disqualification of that response.
4. Bid Reservations: LFUCG reserves the right to reject any or all bid responses, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by bidder in the preparation of its response.
6. Changes/Alterations: Bidder may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the bid response, and received by LFUCG prior to the scheduled closing time for receipt of bids, will be accepted. The bid response when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of bid response".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from any bidder.
8. Bribery Clause: By his/her signature on its response, bidder certifies that no employee of his/hers, any affiliate or subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.
9. Additional Information: While not necessary, the bidder may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the bid response. Additional documentation shall not serve as a substitute for other documentation which is required by the LFUCG to be submitted with the bid response.
10. Ambiguity, Conflict or other Errors: If a bidder discovers any ambiguity, conflict, discrepancy, omission or other error in the bid request of LFUCG, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting its bid response, the bidder agrees that it has carefully examined the specifications and all provisions relating to LFUCG's bid request, including but not limited to the bid contract. By submission of its bid response, bidder states that it understands the meaning, intent and requirements of LFUCG's bid request and agrees to the same. The successful bidder shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to bidder shall be authorized for services, expenses, or goods reasonably covered under these provisions that the bidder omits from its bid response.

12. Cancellation: LFUCG may unilaterally terminate the bid contract with the selected bidder(s) at any time, with or without cause, by providing at least thirty (30) days advance written notice unless a different advance written notice period is negotiated prior to contract approval. Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.
13. Assignment of Contract: The selected bidder(s) shall not assign or subcontract any portion of the bid contract with LFUCG without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
14. No Waiver: No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this bid proposal or bid contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. Authority to do Business: Each bidder must be authorized to do business under the laws of the Commonwealth of Kentucky and must be in good standing and have full legal capacity to provide the goods or services specified in the bid proposal. Each bidder must have all necessary right and lawful authority to submit the bid response and enter into the bid contract for the full term hereof including any necessary corporate or other action authorizing the bidder to submit the bid response and enter into this bid contract. If requested, the bidder will provide LFUCG with a copy of a corporate resolution authorizing this action and/or a letter from an attorney confirming that the proposer is authorized to do business in the Commonwealth of Kentucky. All bid responses must be signed by a duly authorized officer, agent or employee of the bidder.
16. Governing Law: This bid request and bid contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this matter, the bidder agrees that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division and that the bidder expressly consents to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to these matters or any rights or obligations arising thereunder.
17. Ability to Meet Obligations: Bidder affirmatively states that there are no actions, suits or proceedings of any kind pending against bidder or, to the knowledge of the bidder, threatened against the bidder before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of bidder to perform its obligations under this bid response or bid contract, or which question the legality, validity or enforceability hereof or thereof.
18. Price Discrepancy: When applicable, in case of price discrepancy, unit bid price written in words will prevail followed by unit price written in numbers then total amount bid per line item.
19. Bidder understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Bidder is an independent contractor at all times related to the bid response or bid contract.
20. Contractor [or Vendor or Vendor's Employees] will not appropriate or make use of the Lexington-Fayette Urban County Government (LFUCG) name or any of its trade or service marks or property (including but not limited to any logo or seal), in any promotion, endorsement, advertisement, testimonial or similar use without the prior written consent of the government. If such consent is granted LFUCG reserves the unilateral right, in its sole discretion, to immediately terminate and revoke such use for any reason whatsoever. Contractor agrees that it shall cease and desist from any unauthorized use immediately upon being notified by LFUCG.

21. If any term or provision of this bid contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.

 - Nick Corley  
Signature

3-26-2024  
Date



# **WORKFORCE ANALYSIS FORM**

Name of Organization: Model I Commercial Vehicles, Inc.

Categories	Total	White (Not Hispanic or Latino)		Hispanic or Latino		Black or African-American (Not Hispanic or Latino)		Native Hawaiian and Other Pacific Islander (Not Hispanic)		Asian (Not Hispanic or Latino)		American Indian or Alaskan Native (Not Hispanic or Latino)		Two or more races (Not Hispanic or Latino)		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Administrators	154	29	62	11	22	8	20	0	0	0	1	0	0	1	0	49	105
Professionals	16	10	2	2	1	1	0	0	0	0	0	0	0	0	0	13	3
Superintendents	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Supervisors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Foremen	62	24	7	15	2	9	4	0	0	0	0	1	0	0	0	49	13
Technicians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective Service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Para-Professionals	87	46	16	8	2	8	2	2	1	2	1	0	0	0	0	66	21
Office/Clerical	80	62	9	5	1	0	1	0	0	2	0	0	0	0	0	69	11
Skilled Craft	110	49	3	37	2	10	2	2	0	4	0	1	0	0	0	103	7
Service/Maintenanc	33	8	2	13	2	8	0	0	0	13	2	0	0	0	0	29	4
Total:	542	228	391	91	32	44	29	4	1	21	4	2	0	1	0	451	164

Prepared by:  - Nick Corley, Transit Bid Manager  
(Name and Title)

Date: 3 / 26 / 2024

Revised 2015-Dec-15

**Lexington-Fayette Urban County Government**  
**MWDBE PARTICIPATION GOALS**

**A. GENERAL**

- 1) The LFUCG request all potential contractors to make a concerted effort to include Minority-Owned (MBE), Woman-Owned (WBE), Disadvantaged (DBE) Business Enterprises and Veteran-Owned Small Businesses (VOSB) as subcontractors or suppliers in their bids.
- 2) Toward that end, the LFUCG has established 10% of total procurement costs as a Goal for participation of Minority-Owned, Woman-Owned and Disadvantaged Businesses on this contract.
- 3) **It is therefore a request of each Bidder to include in its bid, the same goal (10%) for MWDBE participation and other requirements as outlined in this section.**
- 4) The LFUCG has also established a 3% of total procurement costs as a Goal for participation for of Veteran-Owned Businesses.
- 5) **It is therefore a request of each Bidder to include in its bid, the same goal (3%) for Veteran-Owned participation and other requirements as outlined in this section.**

**B. PROCEDURES**

- 1) The successful bidder will be required to report to the LFUCG, the dollar amounts of all payments submitted to Minority-Owned, Woman-Owned or Veteran-Owned subcontractors and suppliers for work done or materials purchased for this contract. (See Subcontractor Monthly Payment Report)
- 2) Replacement of a Minority-Owned, Woman-Owned or Veteran-Owned subcontractor or supplier listed in the original submittal must be requested in writing and must be accompanied by documentation of Good Faith Efforts to replace the subcontractor / supplier with another MWDBE Firm; this is subject to approval by the LFUCG. (See LFUCG MWDBE Substitution Form)
- 3) For assistance in identifying qualified, certified businesses to solicit for potential contracting opportunities, bidders may contact:
  - a) The Lexington-Fayette Urban County Government, Division of Procurement (859-258-3320)
- 4) The LFUCG will make every effort to notify interested MWDBE and Veteran-Owned subcontractors and suppliers of each Bid Package, including information on the scope of work, the pre-bid meeting time and location, the bid date, and all other pertinent information regarding the project.

**C. DEFINITIONS**

- 1) A Minority-Owned Business Enterprise (MBE) is defined as a business which is certified as being at least 51% owned, managed and controlled by persons of African American, Hispanic, Asian, Pacific Islander, American Indian or Alaskan Native Heritage.
- 2) A Woman-Owned Business Enterprise (WBE) is defined as a business which is certified as being at least 51% owned, managed and controlled by one or more women.

- 3) A Disadvantaged Business (DBE) is defined as a business which is certified as being at least 51% owned, managed and controlled by a person(s) that are economically and socially disadvantaged.
- 4) A Veteran-Owned Small Business (VOSB) is defined as a business which is certified as being at least 51% owned, managed and controlled by a veteran and/or a service disabled veteran.
- 5) Good Faith Efforts are efforts that, given all relevant circumstances, a bidder or proposer actively and aggressively seeking to meet the goals, can reasonably be expected to make. In evaluating good faith efforts made toward achieving the goals, whether the bidder or proposer has performed the efforts outlined in the Obligations of Bidder for Good Faith Efforts outlined in this document will be considered, along with any other relevant factors.

D. OBLIGATION OF BIDDER FOR GOOD FAITH EFFORTS

- 1) **The bidder shall make a Good Faith Effort to achieve the Participation Goal for MWDBE and Veteran-Owned subcontractors/suppliers. The failure to meet the goal shall not necessarily be cause for disqualification of the bidder; however, bidders not meeting the goal are required to furnish with their bids written documentation of their Good Faith Efforts to do so.**
- 2) Award of Contract shall be conditioned upon satisfaction of the requirements set forth herein.
- 3) The Form of Proposal includes a section entitled "MWDBE Participation Form". The applicable information must be completed and submitted as outlined below.
- 4) **Failure to submit this information as requested may be cause for rejection of bid or delay in contract award.**

E. DOCUMENTATION REQUIRED FOR GOOD FAITH EFFORTS

- 1) Bidders reaching the Goal are required to submit only the MWDBE Participation Form." The form must be fully completed including names and telephone number of participating MWDBE firm(s); type of work to be performed; estimated value of the contract and value expressed as a percentage of the total Lump Sum Bid Price. The form must be signed and dated, and is to be submitted with the bid.
- 2) Bidders not reaching the Goal must submit the "MWDBE Participation Form", the "Quote Summary Form" and a written statement documenting their Good Faith Effort to do so. If bid includes no MWDBE and/or Veteran participation, bidder shall enter "None" on the subcontractor / supplier form). In addition, the bidder must submit written proof of their Good Faith Efforts to meet the Participation Goal:
  - a. Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms and Veteran-Owned businesses to participate.
  - b. Included documentation of advertising in the above publications with the bidders good faith efforts package

- c. Attended LFUCG Procurement Economic Inclusion Outreach event
- d. Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs and/or Veteran-Owned businesses of subcontracting opportunities
- e. Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms and Veteran-Owned businesses.
- f. Requested a list of MWDBE and/or Veteran subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).
- g. Contacted organizations that work with MWDBE companies for assistance in finding certified MWDBE firms and Veteran-Owned businesses to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.
- h. Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs and/or Veteran-Owned businesses soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.
- i. Followed up initial solicitations by contacting MWDBEs and Veteran-Owned Businesses to determine their level of interest.
- j. Provided the interested MWDBE firm and/or Veteran-Owned business with adequate and timely information about the plans, specifications, and requirements of the contract.
- k. Selected portions of the work to be performed by MWDBE firms and/or Veteran-Owned businesses in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE and Veteran participation, even when the prime contractor may otherwise perform these work items with its own workforce
- l. Negotiated in good faith with interested MWDBE firms and Veteran-Owned businesses not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.
- m. Included documentation of quotations received from interested MWDBE firms and Veteran-Owned businesses which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.
- n. Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE and/or Veteran-Owned business's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE and Veteran goals.

o. Made an effort to offer assistance to or refer interested MWDBE firms and Veteran-Owned businesses to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal

p. Made efforts to expand the search for MWBE firms and Veteran-Owned businesses beyond the usual geographic boundaries.

q. Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE and Veteran participation.

**Note: Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement which is subject to review by the MBE Liaison. Documentation of Good Faith Efforts must be submitted with the Bid, if the participation Goal is not met.**



## MINORITY BUSINESS ENTERPRISE PROGRAM

Sherita Miller, MPA  
Minority Business Enterprise Liaison  
Division of Procurement  
Lexington-Fayette Urban County Government  
200 East Main Street  
Lexington, KY 40507  
[smiller@lexingtonky.gov](mailto:smiller@lexingtonky.gov)  
859-258-3323

**OUR MISSION:** The mission of the Minority Business Enterprise Program is to facilitate the full participation of minority and women owned businesses in the procurement process and to promote economic inclusion as a business imperative essential to the long term economic viability of Lexington-Fayette Urban County Government.

To that end the city council adopted and implemented Resolution 484-2017 – A Certified Minority, Women and Disadvantaged Business Enterprise ten percent (10%) minimum goal and a three (3%) minimum goal for Certified Veteran-Owned Small Businesses and Certified Service Disabled Veteran – Owned Businesses for government contracts.

The resolution states the following definitions shall be used for the purposes of reaching these goals (a full copy is available in Procurement):

***Certified Disadvantaged Business Enterprise (DBE)*** – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a person(s) who is socially and economically disadvantaged as define by 49 CFR subpart 26.

***Certified Minority Business Enterprise (MBE)*** – a business in which at least fifty-one percent (51%) is owned, managed and controlled by an ethnic minority (i.e. African American, Asian American/ Pacific Islander, Hispanic Islander, Native American/ Native Alaskan Indian) as defined in federal law or regulation as it may be amended from time-to-time.

***Certified Women Business Enterprise (WBE)*** – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a woman.

***Certified Veteran-Owned Small Business (VOSB)*** – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a veteran who served on active duty with the U.S. Army, Air Force, Navy, Marines or Coast Guard.

***Certified Service Disabled Veteran Owned Small Business (SDVOSB)*** – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a disabled veteran who served on active duty with the U.S. Army, Air Force, Navy, Marines or Coast Guard.

The term “Certified” shall mean the business is appropriately certified, licensed, verified, or validated by an organization or entity recognized by the Division of Purchasing as having the appropriate credentials to make a determination as to the status of the business.



To comply with Resolution 484-2017, prime contractors and minority, women and veteran owned businesses must enroll in the new Diverse Business Management Compliance system, <https://lexingtonky.diversitycompliance.com/>

We have compiled the list below to help you locate certified MBE, WBE and DBE certified businesses. Below is a listing of contacts for LFUCG Certified MWDBEs and Veteran-Owned Small Businesses in <https://lexingtonky.ionwave.net>

<b>Business</b>	<b>Contact</b>	<b>Email Address</b>	<b>Phone</b>
<b>LFUCG</b>	Sherita Miller	<a href="mailto:smiller@lexingtonky.gov">smiller@lexingtonky.gov</a>	859-258-3323
<b>Commerce Lexington – Minority Business Development</b>	Tyrone Tyra	<a href="mailto:ttyra@commercelexington.com">ttyra@commercelexington.com</a>	859-226-1625
<b>Tri-State Minority Supplier Diversity Council</b>	Susan Marston	<a href="mailto:smarston@tsmsdc.com">smarston@tsmsdc.com</a>	502-365-9762
<b>Small Business Development Council</b>	Shawn Rogers UK SBDC	<a href="mailto:shawn.rogers@uky.edu">shawn.rogers@uky.edu</a>	859-257-7666
<b>Community Ventures Corporation</b>	Phyllis Alcorn	<a href="mailto:palcorn@cvky.org">palcorn@cvky.org</a>	859-231-0054
<b>KY Transportation Cabinet (KYTC)</b>	Melvin Bynes	<a href="mailto:Melvin.bynes2@ky.gov">Melvin.bynes2@ky.gov</a>	502-564-3601
<b>KYTC Pre-Qualification</b>	Shella Eagle	<a href="mailto:Shella.Eagle@ky.gov">Shella.Eagle@ky.gov</a>	502-782-4815
<b>Ohio River Valley Women's Business Council (WBENC)</b>	Sheila Mixon	<a href="mailto:smixon@orvwbc.org">smixon@orvwbc.org</a>	513-487-6537
<b>Kentucky MWBE Certification Program</b>	Yvette Smith, Kentucky Finance Cabinet	<a href="mailto:Yvette.Smith@ky.gov">Yvette.Smith@ky.gov</a>	502-564-8099
<b>National Women Business Owner's Council (NWBOC)</b>	Janet Harris-Lange	<a href="mailto:janet@nwbo.org">janet@nwbo.org</a>	800-675-5066
<b>Small Business Administration</b>	Robert Coffey	<a href="mailto:robertcoffey@sba.gov">robertcoffey@sba.gov</a>	502-582-5971
<b>LaVoz de Kentucky</b>	Andres Cruz	<a href="mailto:lavozdeky@yahoo.com">lavozdeky@yahoo.com</a>	859-621-2106
<b>The Key News Journal</b>	Patrice Muhammad	<a href="mailto:production@keynewsjournal.com">production@keynewsjournal.com</a>	859-685-8488



**LEXINGTON**

**LFUCG MWDBE PARTICIPATION FORM**

Bid/RFP/Quote Reference # KY-42-2024

The MWDBE and/or veteran subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Procurement for approval immediately. **Failure to submit a completed form may cause rejection of the bid.**

MWDBE Company, Name, Address, Phone, Email	MBE WBE or DBE	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1. N/A				
2.				
3.				
4.				

The undersigned company representative submits the above list of MWDBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Model 1 Commercial Vehicles, Inc.  
Company

3-26-2024  
Date

 - Nick Corley  
Company Representative

Transit Bid Manager  
Title





**LEXINGTON**

**LFUCG MWDBE SUBSTITUTION FORM**

**Bid/RFP/Quote Reference #** KY-42-2024

The substituted MWDBE and/or veteran subcontractors listed below have agreed to participate on this Bid/RFP/Quote. These substitutions were made prior to or after the job was in progress. These substitutions were made for reasons stated below and are now being submitted to Procurement for approval. By the authorized signature of a representative of our company, we understand that this information will be entered into our file for this project.

SUBSTITUTED MWDBE Company Name, Address, Phone, Email	MWDBE Formally Contracted/ Name, Address, Phone, Email	Work to Be Performed	Reason for the Substitution	Total Dollar Value of the Work	% Value of Total Contract
1.  N/A					
2.					
3.					
4.					

The undersigned acknowledges that any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Model 1 Commercial Vehicles, Inc.  
**Company**

3-26-2024  
**Date**

- Nick Corley

**Company Representative**

Transit Bid Manager  
**Title**



**LEXINGTON**

**MWDBE QUOTE SUMMARY FORM**

Bid/RFP/Quote Reference # KY-42-2024

The undersigned acknowledges that the minority and/or veteran subcontractors listed on this form did submit a quote to participate on this project. Failure to submit this form may cause rejection of the bid.

<b>Company Name</b> Model 1 Commercial Vehicles, Inc.	<b>Contact Person</b> Nick Corley
<b>Address/Phone/Email</b> 2529 Oneida Road, Charlotte, NC, 28269 888-633-8380 BidDepartment@Model1.com	<b>Bid Package / Bid Date</b> ITB #42-2024, Prisoner Transport Van March 28 ,2024 @ 2:00pm (CST)


MWDBE Company Address	Contact Person	Contact Information (work phone, Email, cell)	Date Contacted	Services to be performed	Method of Communication (email, phone meeting, ad, event etc)	Total dollars \$\$ Do Not Leave Blank (Attach Documentation)	MBE * AA HA AS NA Female	Veteran
N/A								

(MBE designation / AA=African American / HA= Hispanic American/AS = Asian American/Pacific Islander/ NA= Native American)

The undersigned acknowledges that all information is accurate. Any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Model 1 Commercial Vehicles, Inc.  
Company

3-26-2024  
Date

 - Nick Corley  
Company Representative

Transit Bid Manager  
Title



## LEXINGTON

### LFUCG SUBCONTRACTOR MONTHLY PAYMENT REPORT

The LFUCG has a 10% goal plan adopted by city council to increase the participation of minority and women owned businesses in the procurement process. The LFUCG also has a 3% goal plan adopted by cited council to increase the participation of veteran owned businesses in the procurement process. In order to measure that goal LFUCG will track spending with MWDBE and Veteran contractors on a monthly basis. By the signature below of an authorized company representative, you certify that the information is correct, and that each of the representations set forth below is true. Any misrepresentation may result in termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims. Please submit this form monthly to the Division of Procurement/ 200 East Main Street/ Lexington, KY 40507.

Bid/RFP/Quote # KY-42-2024

Total Contract Amount Awarded to Prime Contractor for this Project Not Applicable


Project Name/ Contract # KY-42-2024	Work Period/ From: To be determined after award	To:
Company Name: Model 1 Commercial Vehicles, Inc.	Address: 2529 Oneida Road, Charlotte, NC, 28269	
Federal Tax ID: 33-0388707	Contact Person: Nick Corley	

Subcontractor Vendor ID (name, address, phone, email)	Description of Work	Total Subcontract Amount	% of Total Contract Awarded to Prime for this Project	Total Amount Paid for this Period	Purchase Order number for subcontractor work (please attach PO)	Scheduled Project Start Date	Scheduled Project End Date
N/A							

By the signature below of an authorized company representative, you certify that the information is correct, and that each of the representations set forth below is true. Any misrepresentations may result in the termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims.

Model 1 Commercial Vehicles, Inc.  
Company

3-26-2024  
Date

 - Nick Corley  
Company Representative  
Transit Bid Manager  
Title

## LFUCG STATEMENT OF GOOD FAITH EFFORTS

Bid/RFP/Quote # KY-42-2024

By the signature below of an authorized company representative, we certify that we have utilized the following Good Faith Efforts to obtain the maximum participation by MWDBE and Veteran-Owned business enterprises on the project and can supply the appropriate documentation.

N/A Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms and Veteran-Owned businesses to participate.

N/A Included documentation of advertising in the above publications with the bidders good faith efforts package

N/A Attended LFUCG Procurement Economic Inclusion Outreach event

N/A Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs and/or Veteran-Owned Businesses of subcontracting opportunities

N/A Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms and Veteran-Owned businesses

N/A Requested a list of MWDBE and/or Veteran subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).

N/A Contacted organizations that work with MWDBE companies for assistance in finding certified MWDBE firms and Veteran-Owned businesses to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.

N/A Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.

N/A Followed up initial solicitations by contacting MWDBEs and Veteran-Owned businesses to determine their level of interest.

N/A Provided the interested MWDBE firm and/or Veteran-Owned business with adequate and timely information about the plans, specifications, and requirements of the contract.

N/A Selected portions of the work to be performed by MWDBE firms and/or Veteran-Owned businesses in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE and Veteran participation, even when the prime contractor may otherwise perform these work items with its own workforce

N/A Negotiated in good faith with interested MWDBE firms and Veteran-Owned businesses not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.



N/A Included documentation of quotations received from interested MWDBE firms and Veteran-Owned businesses which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.

N/A Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE and/or Veteran-Owned business's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE and Veteran goals.

N/A Made an effort to offer assistance to or refer interested MWDBE firms and Veteran-Owned businesses to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal

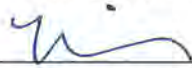
N/A Made efforts to expand the search for MWBE firms and Veteran-Owned businesses beyond the usual geographic boundaries.

       Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE and **Veteran participation**.

**NOTE:** Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement which is subject to approval by the MBE Liaison. Documentation of Good Faith Efforts must be submitted with the Bid, if the participation Goal is not met.

The undersigned acknowledges that all information is accurate. Any misrepresentations may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Model 1 Commercial Vehicles, Inc.  
**Company**  
3-26-2024  
**Date**

  
- Nick Corley  
**Company Representative**  
Transit Bid Manager  
**Title**

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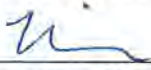
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**Company**  
3-26-2024  
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- Nick Corley  
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**Title**

**AMENDMENT 1 —  
CERTIFICATION OF COMPLIANCE FOR EXPENDITURES USING FEDERAL FUNDS,  
INCLUDING THE AMERICAN RESCUE PLAN ACT**

The Lexington-Fayette Urban County Government ("LFUCG") may use Federal funding to pay for the goods and/or services that are the subject matter of this bid. That Federal funding may include funds received by LFUCG under the American Rescue Plan Act of 2021. Expenditures using Federal funds require evidence of the contractor's compliance with Federal law. Therefore, by the signature below of an authorized company representative, you certify that the information below is understood, agreed, and correct. Any misrepresentations may result in the termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims.

**The bidder (hereafter "bidder," or "contractor") agrees and understands that in addition to all conditions stated within the attached bid documents, the following conditions will also apply to any Agreement entered between bidder and LFUCG, if LFUCG uses Federal funds, including but not limited to funding received by LFUCG under the American Rescue Plan Act ("ARPA"), toward payment of goods and/or services referenced in this bid. The bidder also agrees and understands that if there is a conflict between the terms included elsewhere in this Request for Proposal and the terms of this Amendment 1, then the terms of Amendment 1 shall control. The bidder further certifies that it can and will comply with these conditions, if this bid is accepted and an Agreement is executed:**

1. Any Agreement executed as a result of acceptance of this bid may be governed in accordance with 2 CFR Part 200 and all other applicable Federal law and regulations and guidance issued by the U.S. Department of the Treasury.
2. Pursuant to 24 CFR § 85.43, any Agreement executed as a result of acceptance of this bid can be terminated if the contractor fails to comply with any term of the award. This Agreement may be terminated for convenience in accordance with 24 CFR § 85.44 upon written notice by LFUCG. Either party may terminate this Agreement with thirty (30) days written notice to the other party, in which case the Agreement shall terminate on the thirtieth day. In the event of termination, the contractor shall be entitled to that portion of total compensation due under this Agreement as the services rendered bears to the services required. However, if LFUCG suspects a breach of the terms of the Agreement and/or that the contractor is violating the terms of any applicable law governing the use of Federal funds, LFUCG may suspend the contractor's ability to receive payment by giving thirty (30) days' advance written notice. Further, either party may terminate this Agreement for cause shown with thirty (30) days written notice, which shall explain the party's cause for the termination. If the parties do not reach a settlement before the end of the 30 days, then the Agreement shall terminate on the thirtieth day. In the event of a breach, LFUCG reserves the right to pursue any and all applicable legal, equitable, and/or administrative remedies against the contractor.
3. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:
  - (1) Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

- (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- (3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- (4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part, and the contractor may be declared ineligible for further government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance.

Provided, however, that in the event a contractor becomes involved in or is threatened with litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

4. If fulfillment of the contract requires the contractor to employ mechanic's or laborers, the contractor further agrees that it can and will comply with the following:

- (1) Overtime requirements: No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such a workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such a workweek.



- (2) Violation: liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.
- (3) Withholding for unpaid wages and liquidated damages. LFUCG shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.
- (4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower-tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower-tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.

5. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

6. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency Regional Office.

7. The contractor shall include these requirements in numerical paragraphs 5 and 6 in each subcontract exceeding \$100,000 financed in whole or in part with Federal funding.

8. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. § 1251 et seq.

9. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency Regional Office.

10. The contractor shall include these requirements in numerical paragraphs 8 and 9 in each subcontract exceeding \$100,000 financed in whole or in part with Federal funds.

11. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. § 1251 et seq.

12. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency regional office.

13. The contractor shall include these requirements in numerical paragraphs 11 and 12 in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funds.

14. The contractor shall include this language in any subcontract it executes to fulfill the terms of this bid: "the subgrantee, contractor, subcontractor, successor, transferee, and assignee shall comply with Title VI of the Civil Rights Act of 1964, which prohibits recipients of federal financial assistance from excluding from a program or activity, denying benefits of, or otherwise discriminating against a person on the basis of race, color, or national origin (42 U.S.C. § 2000d et seq.), as implemented by the Department of the Treasury's Title VI regulations, 31 CFR Part 22, which are herein incorporated by reference and made a part of this contract (or agreement). Title VI also includes protection to persons with 'Limited English Proficiency' in any program or activity receiving federal financial assistance, 42 U.S.C. § 2000d et seq., as implemented by the Department of the Treasury's Title VI regulations, 31 CFR Part 22, and herein incorporated by reference and made a part of this contract or agreement."

15. Contractors who apply or bid for an award of \$100,000 or more shall file the required certification that it will not and has not used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency. Each tier certifies to the tier above that it will not and has not used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier, up to the recipient. The required certification is included here:

a. The undersigned 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 influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.


b. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the 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.

16. The contractor acknowledges and certifies that it has not been debarred or suspended and further acknowledges and agrees that it must comply with regulations regarding debarred or suspended entities in accordance with 24 CFR § 570.489(l). Funds may not be provided to excluded or disqualified persons.

17. The contractor agrees and certifies that to the greatest extent practicable, it will prefer the purchase, acquisition, and use of all applicable goods, products or materials produced in the United States, in conformity with 2 CFR 200.322 and/or section 70914 of Public Law No. 117-58, §§ 70901-52, also known as the Infrastructure Investment and Jobs Act, whichever is applicable.

18. The contractor agrees and certifies that all activities performed pursuant to any Agreement entered as a result of the contractor's bid, and all goods and services procured under that Agreement, shall comply with 2 C.F.R. § 200.216 (Prohibition on certain telecommunications and video surveillance services and equipment) and 2 C.F.R. 200 § 200..323 (Procurement of recovered materials), to the extent either section is applicable.

19. If this bid involves construction work for a project totaling \$10 million or more, then the contractor further agrees that all laborers and mechanics, etc., employed in the construction of the public facility project assisted with funds provided under this Agreement, whether employed by contractor, or contractor's contractors, or subcontractors, shall be paid wages complying with the Davis-Bacon Act (40 U.S.C. 3141-3144). Contractor agrees that all of contractor's contractors and subcontractors will pay laborers and mechanics the prevailing wage as determined by the Secretary of Labor and that said laborers and mechanics will be paid not less than once a week. The contractor agrees to comply with the Copeland Anti- Kick Back Act (18 U.S.C. § 874) and its implementing regulations of the U.S. Department of Labor at 29 CFR part 3 and part 5. The contractor further agrees to comply with the applicable provisions of the Contract Work Hours and Safety Standards Act (40 U.S.C. Section 327-333), and the applicable provisions of the Fair Labor Standards Act of 1938, as amended (29 U.S.C. et seq.). Contractor further agrees that it will report all suspected or reported violations of any of the laws identified in this paragraph to LFUCG.

 -Nick Corley  
Signature

3-26-2024  
Date



## PRICE PROPOSAL

Prepared for

**[ Lexington Fayette Urban  
County Government ]**

### CONTACT

Date Issued: **[ 3/28/2024 ]**

Name: **[ Chris Yarber ]**

Phone: **[ 615-618-5370 ]**

Email: **[ CYarber@model1.com ]**

2023

# BRAUNABILITY

## Toyota Sienna



Whether you need to fill a spot in your fleet or create an entirely new vehicle, your Model 1 experts have a single top priority: *you*. With a clear understanding of your needs, we find ways to deliver — starting with deep relationships all the way back at the manufacturer level. And with the nation's largest inventory of commercial vehicles, you'll never be short on the best choices to make for your business.

### SALES EXPERIENCE

550+ Years of Collective Bus  
Sales Experience Servicing Over  
1,500 Customers Annually

### COMPETITIVE PRICING

Volume Discounts  
Fixed Contract Pricing

### IN-HOUSE FINANCING

Seamless Transactions  
Flexible Solutions

### NATIONWIDE NETWORK

21 Full-Service Locations  
Nationwide Partners with  
25+ Top Manufacturers

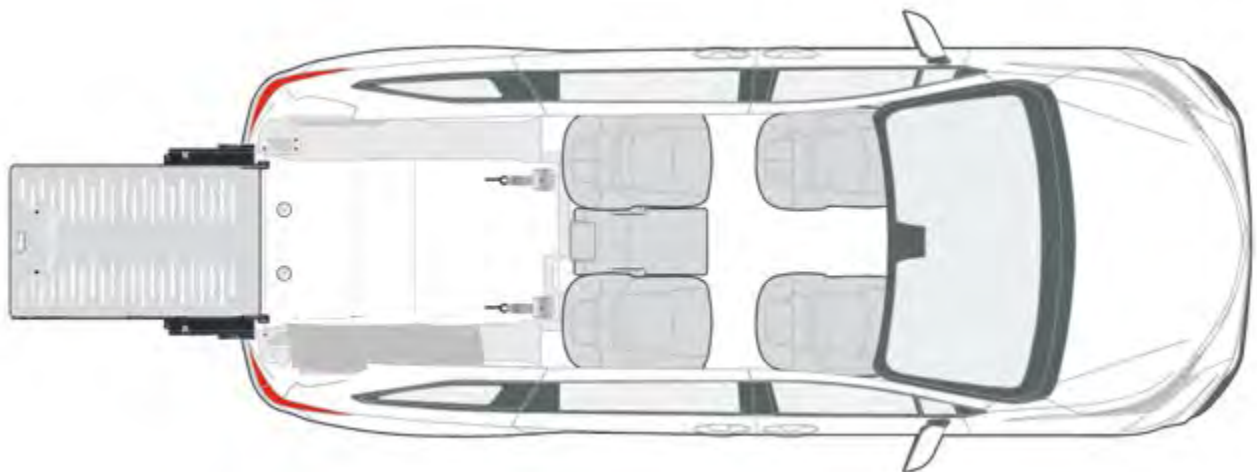




**MODEL 1**

PRICE PROPOSAL

## IMAGES & FLOORPLAN





# SPECIFICATIONS

## CHASSIS

- 2023 Toyota Sienna
- Engine: 2.5 Liter 4 Cylinder Hybrid
- Transmission: CVT
- Drive: FWD
- Fuel Type: Gas
- Fuel Tank: 18 gallons OEM

## EXTERIOR

- Exterior Color: White
- Lowered Floor Length: 60"
- Usable Floor Length (with ramp stowed): 56"
- Track to Ramp Spacing: 53"
- Lowered Floor Width: 33.25"
- Ramp Width (Usable clear opening): 32.25"
- Ramp Angle (Unloaded): 12.8°
- Ramp weight capacity: 1,000 lbs
- Ramp Length: 45"
- Ground Clearance at Front Running Board: 5"
- Ground Clearance at Rear Frame: 5.19"
- Wheelchair Location Interior Height: 57.5"
- Entrance Height: 56"
- Overall Vehicle Height (with hatch closed): 78"
- Passenger side sliding door
- Custom running boards, full length on both sides
- Manual liftgate

## INTERIOR

- ADA Commercial Flooring
- Custom-fitted WeatherTech mats
- Emergency exit release for rear hatch

## LIGHTING

- ADA-compliant ramp and door entrance lighting

## ELECTRICAL

- Auxillary wiring harness include fused circuits
- ADA-compliant park interlock
- Back-up Alarm

## WHEELCHAIR ACCESSIBILITY

- Manual swing Simple Stow ramp
- ADA commercial flooring
- Wheelchair securement tie-downs – Front - Q'Straint QER electronic retractors, Rear - Q'Straint QRT Deluxe retractors

## ACCESSORIES

- DOT Package: 5 lb Fire Extinguisher, First Aid Kit, Triangle Flare Kit, Body Fluid Kit

## PASSENGER SEATING OPTIONS

- 4 Ambulatory, 1 Wheelchair (including co-pilot)

## SEATING

### Passenger Seating

- 2 OEM driver and co-pilot seats
  - Premium Black Cloth, Powered
- 3 Passenger OEM 2nd row bench seat



## WARRANTY MODEL 1

Manufacturer Warranty	Basic ..... 36 month/36,000 miles
	Corrosion ..... 60 month/100,000 miles
Chassis Warranty	Basic ..... 36 month/36,000 miles
	Powertrain ..... 60 month/unlimited mileage
	Corrosion Perforation ..... 60 month/unlimited mileage

All vehicles come with warranty, but Model 1 offers more value without the added cost.

Our coverage and support come with each of our new vehicles – *standard*.

### **WE PROCESS ALL THE WARRANTY REGISTRATIONS**

We register all of your bus parts for you, no more pesky warranty cards to fill out. This includes *all* parts, wheelchair lift, electronics, HVAC, etc.

### **WE HANDLE ALL THE PAPERWORK**

We administer and coordinate any warranty work. You make one call to our warranty department, and they take it from there.

### **REPAIR FACILITIES NEAR YOU**

When warranty work is needed, we use service repair facilities near the bus location. We have over 3200 authorized centers and growing. You will never have to drive far to get repairs completed.

### **NO MORE CLAIM FORMS**

Model 1 handles all parts of the claim process, you will have no out of pocket expenses, no reimbursements, and the service facility will be paid directly by us.

### **LONGER WARRANTY PERIOD**

We have negotiated extended periods for the units we sell. Unprecedented 60 month/100,000 mile bumper-to-bumper warranty on the Starcraft bus upfit.



2023

**BRAUNABILITY**

Toyota Sienna

Prepared for

**[ Enter Client Name ]****CONTACT**Date Issued: **[ MM/DD/YYYY ]**Name: **[ Full Name ]**Phone: **[ Phone Number ]**Email: **[ name@model1.com ]**

Whether you need to fill a spot in your fleet or create an entirely new vehicle, your Model 1 experts have a single top priority: *you*. With a clear understanding of your needs, we find ways to deliver — starting with deep relationships all the way back at the manufacturer level. And with the nation's largest inventory of commercial vehicles, you'll never be short on the best choices to make for your business.

**SALES EXPERIENCE**

550+ Years of Collective Bus  
Sales Experience Servicing Over  
1,500 Customers Annually

**COMPETITIVE PRICING**

Volume Discounts  
Fixed Contract Pricing

**IN-HOUSE FINANCING**

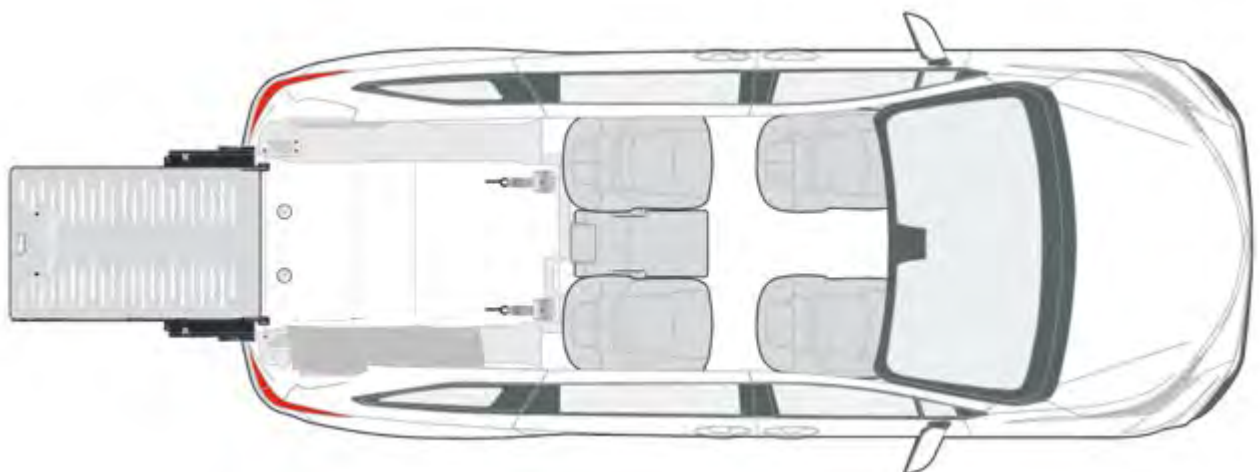
Seamless Transactions  
Flexible Solutions

**NATIONWIDE NETWORK**

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## ELECTRICAL

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# WARRANTY

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We have negotiated extended periods for the units we sell. Unprecedented 60 month/100,000 mile bumper-to-bumper warranty on the Starcraft bus upfit.

## FINANCING / LEASE

	36 MONTHS	48 MONTHS	60 MONTHS
Finance*	[ Enter Amount ]	[ Enter Amount ]	[ Enter Amount ]
Lease / # of Miles	[ Enter Amount ]	[ Enter Amount ]	[ Enter Amount ]

\*Estimated payment is based on approved credit. This quote is valid for 30 days from date issued.

## PRICING

DESCRIPTION	AMOUNT
Bus Cost	\$
Discount / Rebate 1	[ Enter Amount ]
Discount / Rebate 1	[ Enter Amount ]
<b>Total</b>	<b>[ Enter Total Amount ]</b>

\*Pricing does not include DMV, title, or licensing. This quote is valid for 30 days from date issued.

## AVAILABLE OPTIONS

Graphic Packages	[ Enter Graphic Type ]	[ Enter Amount ]
Available Option 2	G02 Bottle Holder	\$225
Available Option 3	Deluxe Retractor Kit	\$497



## FEDERAL MOTOR VEHICLE SAFETY STANDARDS

### Compliance Certification (Pre-Award)

As required by Title 49 of the CFR, Part 663 – Subpart D, The Braun Corporation certifies that the vehicle/vehicles proposed will comply with the relevant Federal Motor Vehicle Safety Standards (FMVSS) issued by the National Highway Traffic Safety Administration in Title 49 of the Code of Federal Regulations, Part 571 at time of manufacture.

Agent: Andy Conner

A handwritten signature in black ink that reads 'Andy Conner'.

Title: Commercial WAV BID Manager

Date: 7/13/2023

3.4 All titling and transferring documents shall be provided at delivery and list the buyer as “Lexington Fayette Urban County Government”.

3.5 Please log in to your Ionwave account to submit pricing under the line items tab. Once you have completed and uploaded your bid package, you will need to click “yes” on the attributes tab.

#### **EXCEPTION PAGE**

Paragraph Number	Description of Exception
2.3	Clarification - Vehicle has clear opening of 32.25" at ramp, lowered floor has 33.25" of width. These are standard measurements.





**MODEL1**  
COMMERCIAL VEHICLES



# WARRANTY BOOK

(888) 633-8380 | [MODEL1.COM](https://www.model1.com)

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# LETTER FROM THE PRESIDENT

Since our founding in 1980, our singular goal has been to satisfy our client's transportation needs by providing them quality vehicles and superior customer service. Your loyal support has helped us grow, and as a result, we have recently undergone two significant changes to our company. First, we relocated our corporate offices from Chino, California to Indianapolis, Indiana. This move allows us to be more strategically positioned to better assist and engage with our nationwide locations and to be geographically closer to several of our manufacturing partners. Second, Creative Bus Sales is now Model 1 Commercial Vehicles. This name change reflects our continued commitment to offer our customers more than simply selling buses.

Model 1 will continue to strive to provide the same seamless buying experience before, during, and after the sale of your vehicle that you've come to expect from Model 1. Our wide variety of vehicles cover both the transit and retail markets and range from custom-built buses to alternative fuel options. We also offer a growing portfolio of electric vehicles for numerous markets. You can browse our entire new and used inventory anytime on [Model1.com](https://Model1.com).

Keeping your new investment operating efficiently and safely is the highest priority of our service department. Many of our nationwide facilities provide full maintenance services such as fluid changes, emissions testing, and repairs. We also invite you to explore our new line of safety enhancements, such as our Disinfect & Protect line of products. Contact our service experts for additional information.

We recognize that our success lies in the relationships we create and the satisfaction of customers like you. Thank you again for your trust in us and for choosing Model 1 Commercial Vehicles for your transportation needs.

Sincerely,

A stylized, handwritten signature in white ink, consisting of a large, sweeping 'C' shape followed by a horizontal line that tapers off to the right.

**TONY MATIJEVICH, PRESIDENT**



# OWNER'S AREA



Scan QR Code to access  
Owner Resources.

Thank you for your vehicle purchase! We welcome our valued customers to join the Model 1 Owner Resources Area where you will gain access to valuable resources to ensure that you fully understand and enjoy every feature of your new vehicle. Resources include operation videos, maintenance and owner's manuals, and more. Visit [model1.com](http://model1.com) and navigate to **Menu ► Resources ► Owner Resources** or scan the QR code above.

## **DISINFECT & PROTECT**

Our products and services expanded to help our marketplace operate safely during and beyond COVID-19. Our new line of safety enhancements provide easy, safe and effective ways to protect against disease-causing viruses and bacteria. Be sure to also have a look at our large selection of driver barrier options designed to universally fit many different vehicles.

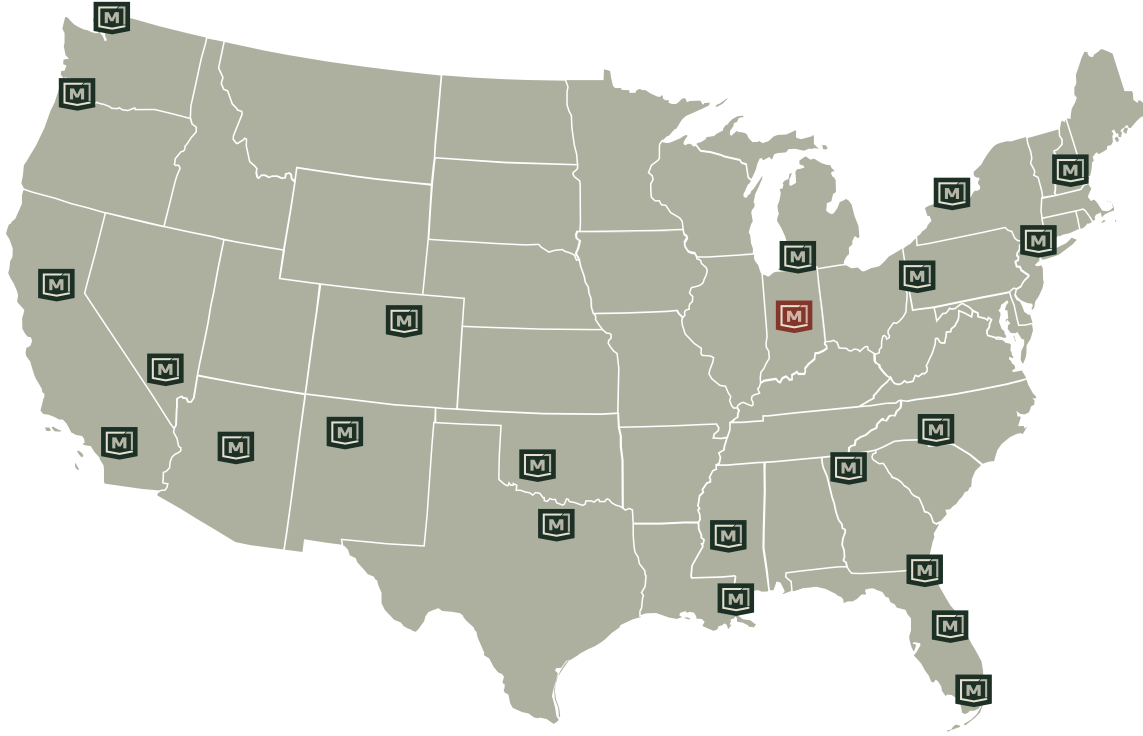
For more information and pricing details, contact Customer Care at **+1 (888) 633-8380**.

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2	Owner's Resources
3–4	Our Locations
5	Our Departments
6	Parts
7	Service & Care
8	Warranty & Repair
9	Additional Services

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# OUR LOCATIONS



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## **NORTHWEST REGION**

### **Canby, OR**

7197 S. Tull Rd.  
Canby, OR 97013  
OFFICE (503) 226-3493  
SERVICE (971) 319-4869

### **Mukilteo, WA**

11601 Cyrus Way, #101  
Mukilteo, WA 98275  
OFFICE (425) 609-1500  
SERVICE (425) 609-1545

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## **WEST REGION**

### **Chino, CA**

14740 Ramona Ave.  
Chino, CA 91710  
OFFICE (909) 203-4810  
SERVICE (909) 993-5045

### **Sacramento, CA**

7471 Reese Rd.  
Sacramento, CA 95828  
OFFICE (916) 596-4210  
SERVICE (916) 244-6896

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## **NORTHEAST REGION**

### **Buffalo, NY**

1500 N. America Dr.  
West Seneca, NY 14224  
OFFICE (716) 256-2510

### **Canonsburg, PA**

2100 Washington Rd.  
Canonsburg, PA 15317  
OFFICE (724) 749-8180

### **Carlstadt, NJ**

51 Kero Rd.  
Carlstadt, NJ 07072  
OFFICE (201) 507-8500  
SERVICE (201) 507-5372

### **Hudson, NH**

13 Rebel Rd.  
Hudson, NH 03051  
OFFICE (603) 886-0880  
SERVICE (603) 377-8930

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# OUR LOCATIONS

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## MIDWEST REGION

### Elkhart, IN

57475 Co. Rd. 3  
Elkhart, IN 46517  
OFFICE (574) 343-1050  
SERVICE (574) 584-7803

### Indianapolis, IN

*(Headquarters)*  
9225 Priority Way W. Dr.  
Suite 300  
Indianapolis, IN 46240  
OFFICE (463) 234-9400

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## SOUTHEAST REGION

### Jacksonville, FL

8600 Atlantic Blvd.  
Jacksonville, FL 32211  
OFFICE (904) 241-6004  
SERVICE (904) 539-9497

### Orlando, FL

7380 W. Sand Lake Rd.  
Suite 554  
Orlando, FL 32824  
OFFICE (407) 816-0617

### Davie, FL

3314 S.W. 49th Way  
Suite 3  
Davie, FL 33314  
OFFICE (754) 529-4390  
SERVICE (754) 258-5006

### Charlotte, NC

2529 Oneida Rd.  
Charlotte, NC 28269  
OFFICE (704) 399-2700  
SERVICE (704) 399-6335

### College Park, GA

1926 Hyannis Ct. *(Sales)*  
4850 Massachusetts Blvd. *(Service)*  
College Park, GA 30337  
OFFICE (770) 422-8920  
SERVICE (770) 305-0070

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## SOUTHWEST REGION

### Albuquerque, NM

5760 Pino Ave. N.E.  
Albuquerque, NM 87109  
OFFICE (505) 508-5944  
SERVICE (505) 503-1917

### Phoenix, AZ

3615 S. 28th St.  
Phoenix, AZ 85040  
OFFICE (602) 437-2255  
SERVICE (602) 437-303

### Las Vegas, NV

3640 S. Highland Dr.  
Las Vegas, NV 89103  
OFFICE (909) 203-4810  
SERVICE (909) 217-2484

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## SOUTH REGION

### Colorado Springs, CO

4810 Olive St.  
Colorado Springs, CO 80907  
OFFICE (303) 351-7937

### Slidell, LA

56396 Frank Pichon Dr.  
Slidell, LA 70458  
OFFICE (985) 726-5142  
SERVICE (985) 259-6377

### Irving, TX

4955 W. Northgate Dr.  
Irving, TX 75062  
OFFICE (469) 333-8909  
SERVICE (469) 333-8914

### Pearl, MS

102 Pete Walker Lane Stes 1 & 2  
Pearl, MS 39062  
OFFICE (601) 502-0526  
SERVICE (601) 608-5455

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# OUR DEPARTMENTS

Model 1 offers a dedicated nationwide network of Sales, Parts, Service, Warranty, and Customer Care departments to help you in all stages of bus ownership. Our customers benefit from our strong manufacturer partnerships, the largest in-stock inventory, and a nationwide team of experts.

## >> **SALES DEPARTMENT**

The Sales department is likely the first contact you will have with the Model 1 team. They can assist in finding the right vehicle for your needs and budget. Once you have selected a vehicle, a sales representative will walk you through the purchasing process.

## >> **CUSTOMER CARE DEPARTMENT**

Our Customer Care department is here to respond to inquiries or concerns regarding your vehicle purchase. We help resolve any issue that may arise over the serviceable life of your vehicle. Customer Care is also the primary resource to assist you in reaching the correct department or contact that you desire to speak with. To reach our Customer Care department, call **+1 (888) 633-8380** or email **customercare@model1.com**.

## >> **SERVICE DEPARTMENT**

Our Service department will work diligently to ensure that your vehicles are maintained to the highest standard. We welcome our customers' vehicles for any maintenance or service-related concerns. With an appointment, our Service team will make sure to get your vehicle back on the road as quickly as possible. To reach our Service department, call **+1 (800) 326-2877** or email **service@model1.com**.

## >> **PARTS DEPARTMENT**

Model 1 stocks a large variety of parts to ensure we have what you need to keep your vehicles operational. The Parts department is staffed with experienced parts sales associates, shipping and receiving associates, inventory specialists, and delivery drivers where applicable. To reach our Parts department, call **+1 (888) 993-5040** or email **parts@model1.com**.

## >> **WARRANTY DEPARTMENT**

Our Warranty department will work for you to address any warranty concerns that you have with your vehicle. Model 1 Warranty department will act as a liaison between the customer and chassis manufacturer to expedite a satisfactory resolution for your concerns. Our Warranty department will ensure that all your warrantable issues are corrected to the manufacturer standards. To reach the Warranty department, call **+1 (800) 326-2877** or email **warranty@model1.com**.



# PARTS



At Model 1, we specialize in parts management and delivery. Our trained parts team is available 5 days-a-week to assist customers with their bus parts needs. With the addition of online parts ordering, you can be sure to get the bus part you need — even if the warehouse is closed.

Stocked within our warehouses are over \$10 million in bus parts from manufacturers and suppliers such as ENC, Forest River, Navistar, Arboc, Braun, Valeo, Freedman, Rosco, and much more. We specialize in providing bus and mobility parts to customers across the country. Parts are available for public, fleet, and mechanic purchase. Model 1 also offers next day shipping to many areas within the US.

- ADA Equipment
- Air System and Brakes
- Body Exterior
- Body Interior
- Climate Control System
- Cooling System
- Decals
- Door System
- Drive Shaft
- Electrical System
- Engine
- Front Axle
- Fuel, Air Intake, & Exhaust
- Glass & Windshields



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# SERVICE & CARE



With numerous service locations across the nation, Model 1 is equipped to accommodate all your bus servicing needs rapidly and efficiently. Our bus service bays are equipped with the newest state-of-the-art equipment to service your light, medium, and heavy-duty vehicles. Combined with our extensively trained and certified service technicians, you can count on Model 1 to provide the highest level of service and reliability.

## **Preventive Maintenance / Warranty / Advanced Repairs**

- Preventive Maintenance
- State and Federal Inspections
- Warranty Services
- A/C Service & Repairs
- Alignment
- Engine Overhaul

## **Disinfect & Protect**

- Decontamination (AeroClave, CleanSpray)
- Driver Protection (Driver Barriers)
- Passenger Protection (Freedman Seating)
- Air Purification (ProAir, PlasmaAir)

## **Remote & Onsite Service / Warranty Repairs**

## **OEM Factory Trained Technicians / ASE Certified**

- Ford / GM / IC / ARBOC / Starcraft / ENC
- Braun & Ricon Lift
- TransAir / Valeo / ACT
- Monthly / Annual Plans Available
- Parts Delivery & Mobile Service

## **Maintenance Plans**

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## ***SERVICE FAQs***

### ***WHO DO I CALL IF ONE OF MY BUSES NEEDS MAINTENANCE, REPAIR, AN OPTION INSTALLED, OR SOME OTHER SERVICE?***

Please contact Customer Care at **+1 (888) 633-8380** or **customercare@model1.com**.

### ***WHAT KINDS OF SERVICE WORK CAN I EXPECT MODEL 1 SERVICE FACILITY TO PERFORM?***

We are fully prepared to meet all your vehicle service needs. We are experts in installing special options like wheelchair lifts, wheelchair securement, air conditioners, and roof vents. We can also provide service related to chassis and body repair. Our service facility can meet your extremely important routine maintenance functions, ensuring all warranty prerequisites are met. If you need major repairs, like engine work, transmission, or brake repairs, we will make sure your vehicle is operational as soon as possible.

*If there are still questions, please do not hesitate to reach out to our Warranty Department for a prompt response.*

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# WARRANTY & REPAIR



## ***CONTACT US BEFORE BEGINNING ANY WARRANTY WORK***

Please contact **warranty@model1.com** before any warranty work begins.

The following information will be needed in order to determine warranty coverage:  
*Year, Make, Model, VIN, Mileage*

**NOTE:** Failure to follow this procedure may result in the denial of future vehicle warranty claims.

**DON'T FORGET:** It is extremely important to file your warranty claim within 30 days of the repair, or your claim could be subject to disapproval.

## ***WARRANTY FAQs***

### ***WHERE DO I GET MY VEHICLE SERVICED FOR WARRANTY REPAIRS?***

If you are near a Model 1 location (see Locations on Page 5), we invite you to visit us for all warranty repairs. If not, our Warranty team will assist you in locating an authorized warranty repair facility in your area. After determining where the repairs will be completed, a repair estimate must be provided to our Warranty team. No repairs are authorized to be completed for warranty purposes until the Model 1 Warranty team has approved the estimate provided.

### ***I HAVE OTHER QUESTIONS ABOUT WARRANTY REPAIRS?***

Scan the QR Code above to see a larger list of FAQs regarding the warranty process. If you have a question not addressed in the FAQ, please do not hesitate to reach out to **warranty@model1.com** for a prompt response.



Scan QR Code or visit  
[info.model1.com/warranty-faq](http://info.model1.com/warranty-faq)  
to see more warranty FAQs.

### ***DEALER WARRANTY STATEMENT***

Warranty restitution can only be applied to completed repairs if proper procedures are followed and it is determined that the issue is covered under the chassis, body or component warranty.

### ***VEHICLE / CHASSIS WARRANTY ITEMS***

Contact us at **Warranty@model1.com** for all your Model 1 Warranty needs. Contact your local chassis dealer and/or contact Model 1 for assistance in locating your local chassis dealer.

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# ALTERNATIVE FUEL PROGRAM

Please contact Customer Care at **+1 (888) 633-8380** or **customercare@model1.com** if you're interested in any of the additional services listed below.

## ***OUR COMMITMENT TO EXPANDING ELECTRIC VEHICLE OFFERINGS***

Model 1 is committed to helping our customers transition to greener fleet options. To help further that goal we continue to add to our EV offerings. Be sure to browse our inventory to see the newest and most efficient electric vehicle platforms available.

## ***ALTERNATIVE FUEL OPTIONS***

Model 1 is the largest Ford Recognized Qualified Vehicle Modifier (QVM) Alternative Fuel Program Installer in North America, with multiple dedicated facilities that focus on the installation and up-fitting of Compressed Natural Gas (CNG) and Propane fuel conversion systems for fleet customers.

## ***WHY CHOOSE MODEL 1 FOR YOUR CONVERSION?***

- Over 10,000 Vehicles Converted to Alternative Fuels
- Ford QVM's Largest Alternative Fuel Participant
- Propane, Natural Gas, and Electric
- Tier One Supplier to Multiple OEM's
- CNG Fuel System Inspections
- Certified Alternative Fuel Technicians
- Natural Gas / Propane / Bi-Fuel / Electric

***FOLLOW US ON SOCIAL:***





*Setting  
the example*  
the industry  
follows





**MODEL 1**  
COMMERCIAL VEHICLES



TELL US HOW WE'RE DOING



SCAN THIS CODE & TAKE OUR SURVEY



## Commercial Rear-Entry Simple Stow™ Guide

2-1-24



# Commercial Rear-Entry Simple Stow™

VT

The BraunAbility Commercial Rear-Entry Simple Stow™ built on the Toyota Sienna Hybrid is the culmination of over 50 years experience in wheelchair accessibility in commercial and public transportation. The rear-entry conversion is a passenger-friendly as well as a cost-efficient mobility solution for many commercial transportation providers.

BraunAbility has a proven track record of producing economical and dependable commercial vehicles designed to keep you running day after day, year after year. We strive to maintain an exterior OEM look for consistency with other vehicles in your fleet.

For the interior you can maximize space and flexibility with the Simple Stow™ ramp. The ultra lightweight ramp is easy to use, quick to deploy and snaps securely upright when transporting a client in a wheelchair. When not in use, the Simple Stow™ ramp fits flush against the floor providing ample room for stowing luggage and other cargo items.

Safety has always been a top priority at BraunAbility. The Toyota Commercial Rear-Entry Simple Stow™ has been crash tested and certified to meet or exceed all applicable requirements of the Federal Motor Vehicle Safety Standards (FMVSS) and is backed by our three-year limited warranty.

- **Standard front Q'STRAIT QER electronic retractors, rear QRT MAX retractors.**
- **OEM Tier 1 custom latching for tailgate minimizing vibration and road noise.**
- **3rd party durability testing performed to 300,000 miles**
- **BraunAbility designed rear suspension cradle to retain independent suspension, providing best-in-class ride and durability.**

## Standard Features

- 2022-2024 Toyota Sienna Hybrid (only 8 passenger)
- ADA and FMVSS compliant
- Meets/exceeds Altoona test requirements
- CARB compliant
- 56" rear door opening
- Lowered floor section, aft of 2nd row seats for 1 wheelchair position
- 32.25" wide manual ramp with 1,000 lb capacity
- Simple Stow™ ramp feature
- OEM 2nd row bench seat
- ADA commercial flooring
- Wheelchair securement tie-downs –
  - Front - Q'STRAIT QER electronic retractors
  - Rear - Q'STRAIT QRT MAX retractors
- Transmission interlock
- ADA ramp and lowered floor lighting
- Emergency exit release for rear hatch
- Back-up alarm
- OEM fuel tank
- BraunAbility custom running boards with integrated step
- WeatherTech mats (driver and passenger)

## Optional Features

- 3rd row 2-passenger folding bench seat
- DOT kit
- Rear Retractor Upgrades





# Commercial Rear-Entry Simple Stow™ Features

VT

**Commercial Rear-Entry Simple Stow™ built on: ►  
2022-2024 Toyota Sienna Hybrid**

See back of this guide for vehicle requirements.

- ADA and FMVSS Compliant
- Meets/Exceeds Altoona Test Requirements
- CARB Compliant
- ADA Compliant Interlock
- ADA Compliant Ramp & Door Entrance Lighting



## ◀ Manual Door

ADA-compliant manual rear door with 56" vertical opening.

## ◀ Lowered Radius Floor

The rear floor is lowered from the rear door to just behind the 2nd row seats and provides one wheelchair position. The radius floor provides for easier transition for wheelchair passenger over axle.

## ◀ Manual Simple Stow™ Ramp

The standard low-angle 32.25" wide aluminum foldout ramp (1,000 lb capacity) allows easy access to luggage and cargo when the ramp is not in use. Ramp stows flat on floor when not in use. Stows vertically when a wheelchair passenger is secured in vehicle.

## ◀ Ramp Latching System

This Tier 1 component minimizes metal-on-metal movement and ramp noise.

## ◀ 2nd Row OEM Bench Seating

The OEM 2nd row 3 passenger bench seat is reatined. Seats easily slide forward to gain access to optional 3rd row 2 passenger folding seat (see options section).

## Custom Running Boards ►

Custom BraunAbility running boards provide a full length step to both sides of the vehicle.

## Emergency Rear Hatch Release ►

## ◀ Custom Sculpted Mats

The heavy-duty custom fitted Weather Tech mats offer enhanced floor protection and sound deadening benefits.

## ◀ ADA-Compliant Lighting

**Q'STRAIT.**

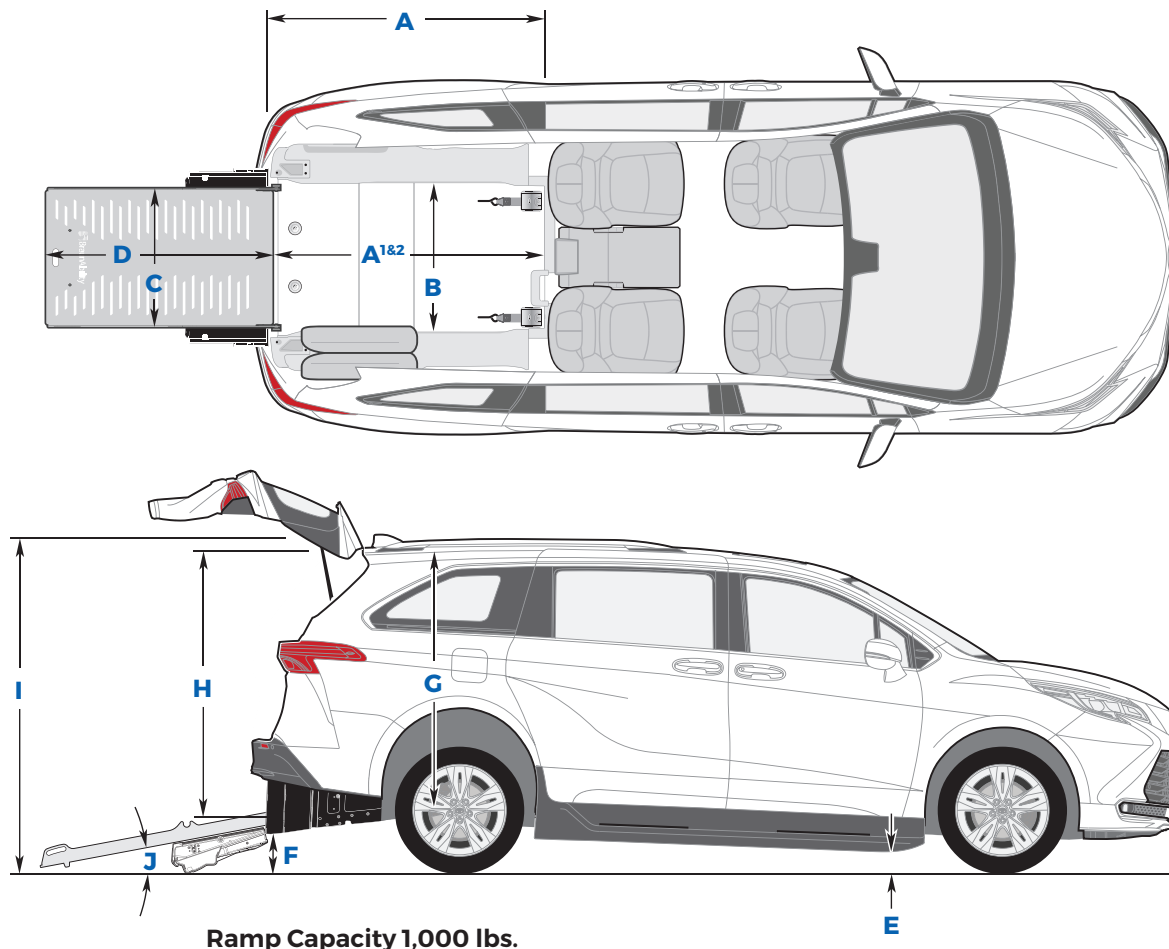
## Wheelchair/Occupant Securement System ►

Standard front Q'Strait QER electronic retractors with rear QRT MAX retractors. Rear retractors now include a storage area for when not in use.



# Commercial Rear-Entry Simple Stow™ Dimensions

VT



All dimensions are for reference only.

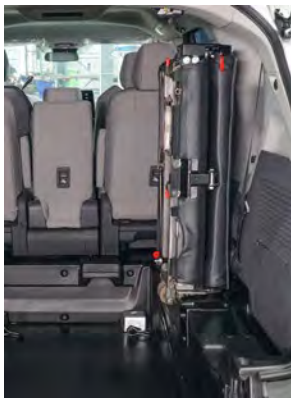
Lowered floor length	<b>A</b>	60"
Usable floor length (ramp stowed vertical)	<b>A¹</b>	56"
Track to ramp spacing	<b>A²</b>	53"
Lowered floor width	<b>B</b>	33.25"
Ramp width (usable clear opening)	<b>C</b>	32.25"
Ramp length	<b>D</b>	45"
Ground clearance at running board front (at GVWR)	<b>E</b>	5"
Ground clearance at rear frame (at GVWR)	<b>F</b>	5.19"
Wheelchair location interior height	<b>G</b>	57.5"
Entrance height	<b>H</b>	56"
Overall vehicle height (hatch closed)	<b>I</b>	78"
Ramp angle*	<b>J</b>	12.8°

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 - measured with a 250 lb approximated wheelchair passenger load at the center of the ramp

# Commercial Rear-Entry Simple Stow™ Options

VT



◀ 514903K

## 3rd Row Freedman 2-Passenger Folding Bench Seat

Seat folds up when not in use to make room for wheelchair location.



◀ 515624K

## DOT Package

(5# Fire Extinguisher, 10 First Aid Kit, Triangle Flare Kit, Body Fluid Kit)



◀ 514934K

## Swap Standard QRT MAX for QRT Deluxe - 2 Rear Retractors, Lap & Shoulder Belt

514935K

## Swap Standard QRT MAX for QRT 360 - 2 Rear Retractors, Lap & Shoulder Belt

# Vehicle Information

VT

All Wheel Drive (AWD) models cannot be converted.

Must have 8 passenger seating on customer supplied chassis.

Before ordering a vehicle, we strongly recommend contacting BraunAbility® for guidance in deriving payload capacities and selecting equipment and seating options before you purchase the vehicle.

BraunAbility will only convert 2022-2024 Toyota Sienna Hybrid with 50,000 or less miles. Customer supplied chassis with over 800 miles will incur a charge (see price sheet). Vehicles must be in sound condition and must never have been involved in an accident. All vehicles are inspected and subject to acceptance/rejection upon arrival at the BraunAbility plant.

Safety has always been a top priority at BraunAbility. The Toyota Sienna Commercial Rear-Entry Simple Stow™ has been crash tested and certified to meet or exceed all applicable requirements of the Federal Motor Vehicle Safety Standards (FMVSS) and is backed by our 3 year/36,000 mile limited and 5 year/unlimited mile rust-through metal protection on every vehicle that leaves the factory. Add to this the original Toyota warranty for unconverted parts and a nationwide dealer network, and you can rest assured BraunAbility will be there to support you no matter where your travels take you.

Wheelchair securement belts and track are by **Q'STRAIT**. In order to maintain compliance with applicable Federal Motor Vehicle Safety Standards, only Q'STRAIT wheelchair tie-downs and occupant restraints shall be used in conjunction with Q'STRAIT track or flooring.



[braunability.com](https://braunability.com)

800.488.0359

ISO 9001:2015

631 West 11th Street, Winamac, IN 46996, USA



# Limited Warranty



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.

\_\_\_\_\_

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.

[illegible]

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.**









**Gateway**



**INTERMOTIVE**  
**VEHICLE**  
**CONTROLS**

An ISO 9001:2015 Registered Company

# Gateway

## High Idle and Shift Interlock System

### Overview

- All-in-one wheelchair interlock and high idle system to ensure full functionality of the vehicle's systems while using the lift
- Provides battery charge protection and improves air conditioning performance
- System is fully compliant with FMVSS 403/404 and the Americans with Disabilities Act (ADA) for wheelchair lift interlocks
- Simple plug and play connections to the OEM chassis

### Features

- Prevents vehicle movement while the lift is in use by locking the shifter in Park
- Monitors OEM sensor inputs from the transmission, engine, charging system and ambient air temperature
- Programmable RPM for high idle
- Prevents driving with the park brake set
- Can provide real-time chassis data
- Diagnostic trouble codes available
- Optional BrakeMax add-on: automatically places vehicle in "tow haul" mode for reduced brake wear
- Uses Intermittent Fault Filter™ (IFF) technology to eliminate erroneous lift door signals

*Product features may vary by make, model or year. See instructions for complete details.*

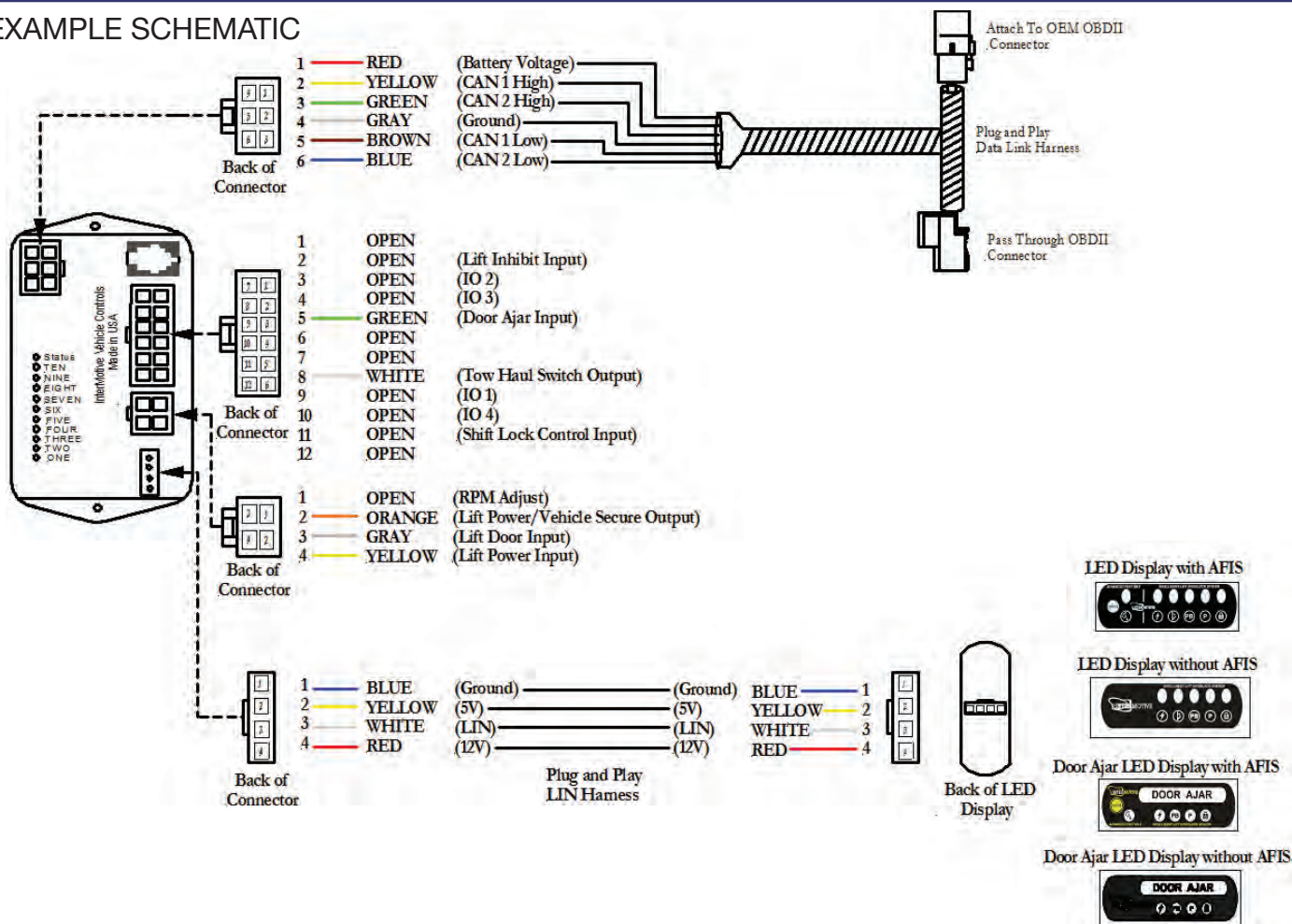
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AUTOMOTIVE TECHNOLOGIES

**(775) 831-2002**

# Details

## EXAMPLE SCHEMATIC



## SPECIFICATIONS

Number of Inputs	Five inputs (lift inhibit, door ajar, shift lock, lift door and RPM adjust)
Number of Outputs	Four configurable outputs, plus one lift power/vehicle secure output and one tow haul switch output
Current Draw	~120 mA
Quiescent Draw	~2 mA (sleep current)
CAN Speed	High and medium speed
Temperature Range	-40°C to 80°C
Dimensions	4" L x 2" W x 1" H

## **LIMITED WARRANTY**

### **WARRANTY PERIOD**

InterMotive warrants the product for the period of **one year** from the date the product was shipped from InterMotive (if not registered) or **two years** from the in-service date (if the warranty registration is completed on-line) for products that fail to function properly under normal use because of a manufacturing defect when installed and operated according to the manufacturer's instructions. The product will be repaired or replaced with a comparable product without charge.

- **Diagnostics** - A service facility diagnosing, installing, and/or repairing a product must follow the proper InterMotive procedures/documents – reference [www.intermotive.net](http://www.intermotive.net) or call 530-823-1048.
- **Labor Reimbursement** - Contact InterMotive prior to commencing diagnostic/repair for information on allowable labor reimbursements.
- **Return Goods Authorization** - The customer must contact InterMotive with the product serial number and obtain an RGA number prior to shipping the product to InterMotive.
- **Return Packaging** - The part being returned must have the RGA number and a detailed description of the symptom(s) or issue(s) the product is exhibiting attached to it. Packages received without an RGA number written on the outside will be refused delivery and returned to the customer at their expense.
- **Shipping** – Shipping is the initial responsibility of the customer. If the product is determined to be warrantable and is repaired or replaced, InterMotive will pay for shipping to and from the repairing facility for the repaired/replaced product via ground shipping within the U. S. and Canada. If the product does not qualify for a warranty repair or replacement, the customer is responsible for return shipping costs.

### **LIMITATION ON LIABILITY**

InterMotive will not be liable for personal injury, loss or damage to property or any incidental or consequential loss or expense from property damage due directly or indirectly from the use or installation of this product.



**13395 New Airport Rd Suite A, Auburn, CA 95602**

**Phone: (530) 823-1048 Fax: (530) 823-1516**

**[www.intermotive.net](http://www.intermotive.net)** email – **[customerservice@intermotive.net](mailto:customerservice@intermotive.net)**



# Operator's/Installation/Service Manual



## **Braun** **Commercial** **RA300 Transit Ramp** **for Low-Floor Transit Vehicles**

**Models:**  
**BF3248Y-2**  
**BF3255Y-2**  
**BF3455Y-2**  
**BF3262Y-2**  
**BF3462Y-2**  
**BF3462Y-2PA**

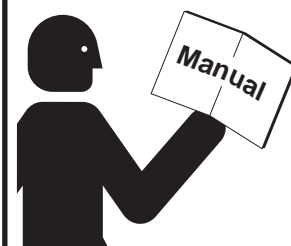


"Providing Access to the World"®

International Corporate Hdqrs: P.O. Box 310 Winamac, IN 46996 USA  
1-800-THE LIFT® (574) 946-6153 FAX: (574) 946-4670



### **⚠ WARNING**



Read manual  
before operating,  
installing or  
servicing ramp.  
Failure to do so  
may result in  
serious bodily  
injury and/or  
property damage.

## **Congratulations**

We at The Braun Corporation wish to express our fullest appreciation on your new purchase.

With you in mind, our skilled craftsmen have designed and assembled the finest ramp available.

This manual includes operating instructions, installation instructions, servicing instructions and instructions for troubleshooting, if needed.

Braun ramps are built for dependability and will provide years of service and mobility independence, as long as the ramp is installed and maintained as specified, and the ramp is operated by an instructed person.

Sincerely,

THE BRAUN CORPORATION

A handwritten signature in black ink, reading "Ralph W. Braun". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

Ralph W. Braun  
Chief Executive Officer

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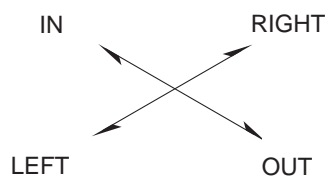
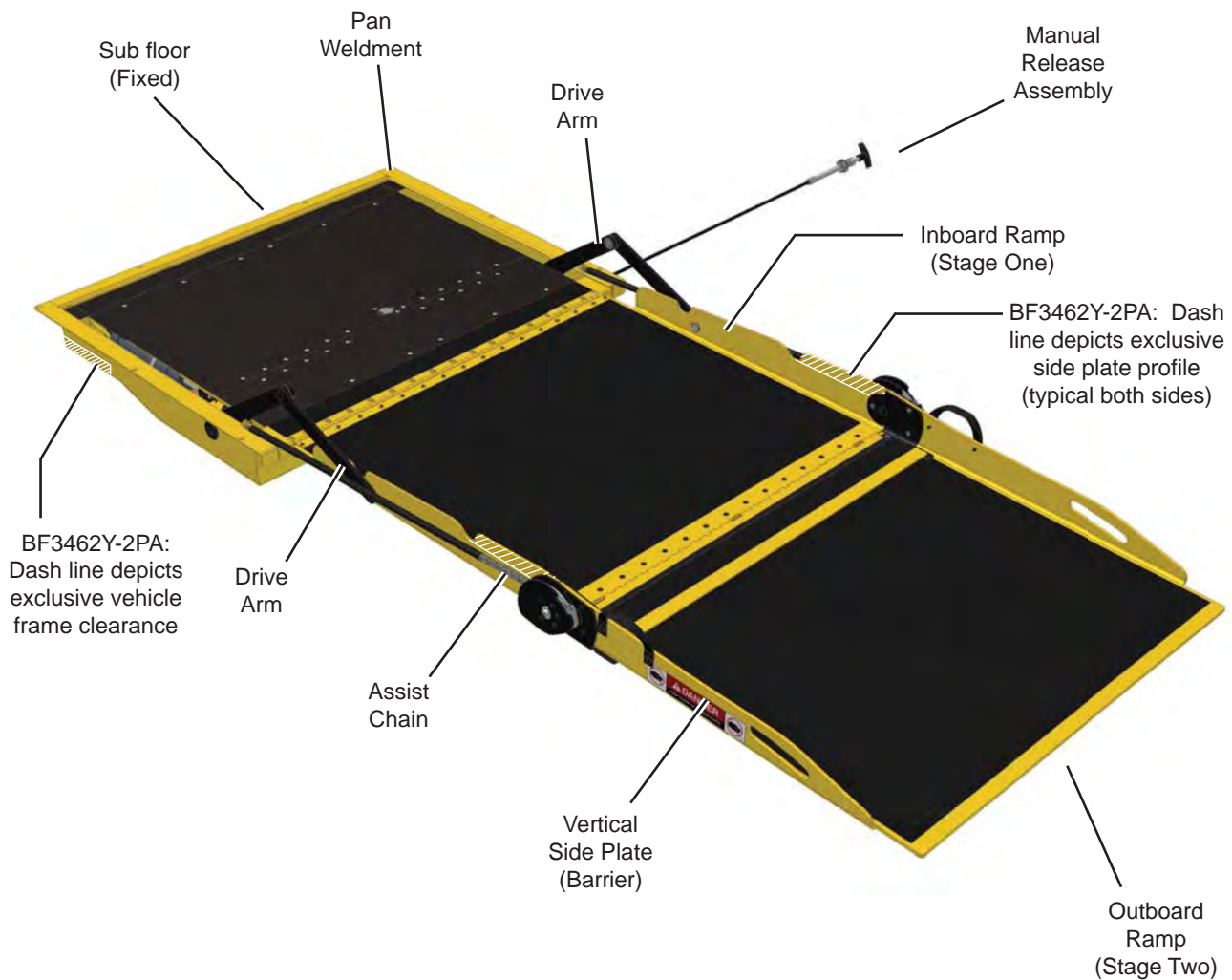
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# RAMP TERMINOLOGY

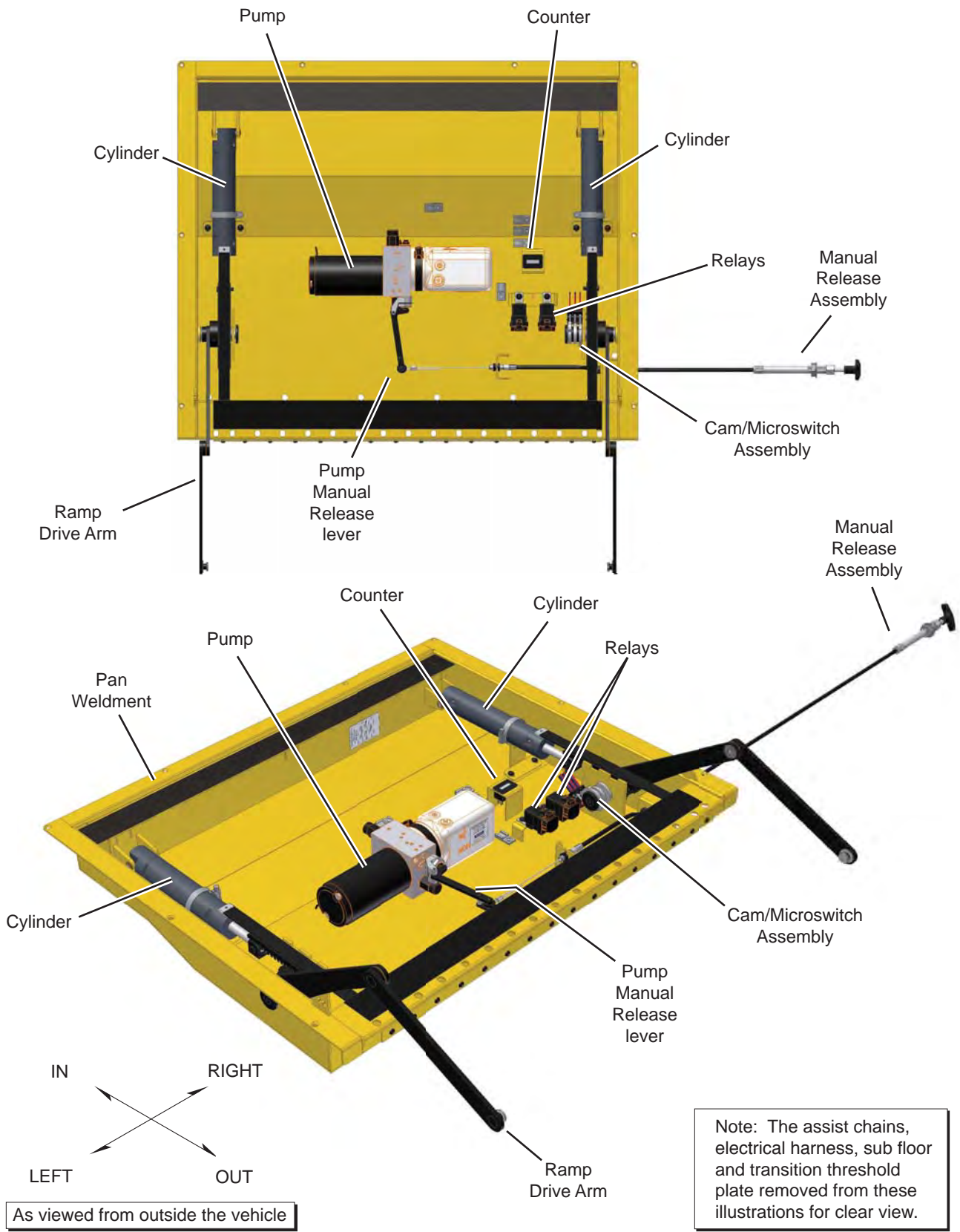
## Ramp Terminology Illustration

Refer to the illustration below and the illustrations on next page for identification of components and clarification of direction terminology. Details regarding lift model variations, terminology, direction and components are provided on pages 4 and 5.



As viewed from outside the vehicle

**Ramp Components Terminology Illustration**





# RAMP TERMINOLOGY

## Introduction

Braun RA300 Series transit ramps are designed for use in low-floor transit vehicles. The RA300 provides vehicle access to wheelchair passengers or standees using other type mobility aids. The commercial oriented ramp is ADA compliant (dependant upon installation height). See the Installation section for ADA specifications.

The self-contained "drop-in" unit requires no remote pump, external hydraulic lines or pre assembly. The hydraulic and electrical components are internal and easily accessible. A single electrical feed provides the power supply (12 volt), the ground, a ramp deploy signal (+), a ramp stow signal (+) and various indicator signals.

A "floor pocket" built into the chassis/floor system allows for simple installation (dimensional requirements specified in the Installation section).

The RA300 is specifically designed to be operated by an attendant. The installer provides an appropriate control switch for the end user. Consequently, the operating instructions contained in this manual are generic due to the limitless variables.

The RA300 provides fully automatic operation of ramp functions. The electric/hydraulic system is controlled by two relays which activate the hydraulic pump in opposite directions for deploy and stow functions (powering dual-acting hydraulic cylinders). No sensitive electronic controls or sensors are required for operation.

RA300 model numbers with suffix "Y" are hydraulic fold with gravity down "drift" feature when deploying and stowing. When deploying the ramp, the motor stops running when the ramp reaches an approximate 45° angle. The ramp continues to slowly lower the remaining distance by the force of gravity. When stowing the ramp and it folds inward beyond the 15° shut off point, gravity lowers the ramp to the pan.

The pressure relief valves built into the pump prohibit the ramp from lifting (raising) with approximately 40 pounds or more on the ramp.

Instructions are provided for manual operation of the ramp. See Manual Operation on the following page for further details.

Read and become familiar with all operation safety precautions, operation notes and details, operating instructions and manual operating instructions before attempting operation.

**Terminology:** Become familiar with the terminology that will be used throughout this manual. Become familiar with the identification of RA300 components and their functions. Contact your sales representative or call The Braun Corporation at 1-800-THE LIFT® if any of this information is not fully understood.

**Direction:** The terms "left", "right", "in" and "out" will be used throughout this manual to indicate direction (as viewed from the outside of the vehicle looking directly at the ramp). Refer to the Terminology Illustrations for clarification of direction terms.

### Ramp Components

Refer to the Terminology Illustrations on pages 2 and 3.

**Pan Weldment (Housing):**

The pan is the stainless steel (casing) mounted in the vehicle floor system which contains the hydraulic pump and electrical components that power the ramp electric/hydraulic systems. The fixed sub-floor cover protects the

components from above. The cover is easily removed for access to drive components. The sub-floor provides an antiskid surface for entry and exit when the ramp is deployed. The RA300 stows (folds) onto the sub floor providing an unobstructed antiskid surface for entry and exit when the ramp is not in use.

**Ramp Assembly:** The ramp assembly is made of an inboard ramp section (stage one) and an outboard ramp section (stage two). Each aluminum ramp section features vertical side plates and full antiskid surface.

**Drive Arm Assembly:**

The cylinder driven two stage drive arm assemblies deploy and stow the ramp assembly.

### Ramp Actions and Functions

**Deploy:** Deploy is the action of the ramp assembly extending and unfolding to ground level when the DEPLOY (OUT) switch\* is activated (\*installer supplied).

**Stow:** Stow is the action of the ramp assembly raising and folding inward to stow position when the STOW (IN) switch\* is activated (\*installer supplied).

**Stow Position:** Stow position is achieved when the two stage ramp assembly is fully retracted and folded (resting fully on the pan weldment).

**Manual Override:** A cable-activated manual release engages and disengages the hydraulic system. A T-handle is provided for activation of the manual release. Pulling the T-handle out

pushes a pump valve to release pressure (turn T-handle to lock in released position). Disengaging the hydraulic system allows the ramp to be manually deployed and stowed (hydraulic pressure released). See Ramp Manual Operation on page 11 for further details.

## RAMP OPERATION

### 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**

#### **WARNING**

This symbol indicates important safety information regarding a potentially hazardous situation that could result in serious bodily injury and/or property damage.

**C**

#### **CAUTION**

This symbol indicates important information regarding how to avoid a hazardous situation that could result in minor personal injury or property damage.

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

These symbols will appear throughout this manual. **Recognize the seriousness of this information.**

### Ramp Operation Safety Precautions

#### **WARNING**

If the ramp operating instructions, manual operating instructions and/or ramp operation safety precautions are not fully understood, contact The Braun Corporation immediately. Failure to do so may result in serious bodily injury and/or property damage.

#### **WARNING**

Read manual and supplement(s) before operating ramp. Read and become familiar with all safety precautions, operation notes and details, operating instructions and manual operating instructions before operating the ramp. Note: All transit agency personnel (drivers and ramp attendants) must read and become familiar with the contents of this manual and supplement(s) before operation.

#### **WARNING**


Load and unload on level surface only.

#### **WARNING**

Engage vehicle parking brake before operating ramp.


#### **WARNING**

Provide adequate clearance outside the vehicle to accommodate the ramp before opening lift door(s) or operating ramp.

 **WARNING** Inspect ramp before operation. Do not operate ramp if you suspect ramp damage, wear or any abnormal condition.

 **WARNING** Keep operator and bystanders clear of area in which the ramp operates.

 **WARNING** Load and unload clear of vehicular traffic.

 **WARNING** Open ramp door(s) fully and secure before operating ramp.

 **WARNING** Do not overload or abuse. The rated capacity is 454 kilograms (1000 pounds).

### Ramp Operation Safety Precautions

- ⚠ WARNING** Do not activate control switch(es) when anyone is near the area in which ramp operates.
- ⚠ WARNING** It is the responsibility of the attendant to oversee and assist ramp passengers.
- ⚠ WARNING** The wheelchair passenger and/or attendant must ensure the ramp is fully deployed before exiting the vehicle.
- ⚠ WARNING** Attendants must never operate the vehicle, the ramp or attend to passengers if intoxicated.
- ⚠ WARNING** Intoxicated passengers should not be allowed to board the vehicle.
- ⚠ WARNING** Wheelchair passengers must position and secure (buckle, engage, fasten, etc.) the wheelchair-equipped occupant seat belt before loading onto the ramp.
- ⚠ WARNING** Be aware of the ramp slope (angle).
- ⚠ WARNING** Wheelchair passengers should not raise front wheelchair wheels (pull wheelie) when on the ramp.
- ⚠ WARNING** The wheelchair must be positioned in the center of the ramp when loading and unloading.
- ⚠ WARNING** Keep ramp owner's manual in ramp-equipped vehicle at all times.
- ⚠ WARNING** Maintenance and lubrication procedures must be performed as specified in this manual by authorized (certified) service personnel.
- ⚠ WARNING** Never modify (alter) a Braun Corporation ramp.
- ⚠ WARNING** Do not use accessory devices not authorized by The Braun Corporation.
- ⚠ WARNING** Do not remove any guards or covers.
- ⚠ WARNING** If the information contained in this manual is not fully understood, contact The Braun Corporation immediately.
- ⚠ WARNING** Failure to follow these safety precautions may result in serious bodily injury and/or property damage.

## RAMP OPERATION

The RA300 provides vehicle access to wheelchair passengers or standees using other type mobility aids. The commercial oriented RA300 is operated by the transit vehicle driver/attendant. Unless your transit agency has a published policy stating that driver/attendants do not aid ramp passengers, safe entering and exiting of ramp passengers is the responsibility of the driver/attendant.

General instructions for safe operation of the ramp are provided. Ramp safety and ramp passenger safety information is included.

Read and become familiar with all ramp operation safety precautions, operation notes and details, operating instructions and manual operating instructions before attempting ramp operation procedures or assisting ramp passengers boarding and exiting the vehicle.

Do not operate the ramp if you suspect ramp damage, wear or any abnormal condition. Discontinue use immediately and contact The Braun Corporation at 1-800-THE LIFT®. One of our national Product Support representatives will direct you to an authorized service technician who will inspect the ramp.

### Ramp Access Doors and Interlocks

Attendants must become familiar with the vehicle ramp access door system and interlock(s), as well as the proper operation of the ramp.

Vehicle ramp access door configurations and operation procedures vary. Ensure the ramp door is fully open before activating the ramp (an interlock typically prevents ramp operation unless the door is fully open). Attendants and passengers must keep clear of the area in which the power

door operates. Ensure the path is clear before closing the door. Be sure the door is fully closed before attempting to drive the vehicle (interlocks typically ensure this).

Interlocks are required by nearly all transit authorities. Vehicle interlocks typically prevent vehicle motion if the ramp is not stowed. In some cases, the ramp cannot be operated if interlock conditions are not met. Multiple interlocks may exist.

Instructions for operation of interlocks and door systems are not be addressed in this manual due to the variety of procedures required for operating them.

It is the responsibility of the driver/attendant to properly open and close the ramp access door(s), to activate interlock(s) and to properly activate the ramp power functions.



### Operation Procedure Review

The Braun Corporation recommends that transit agency supervisors and driver/attendants review the safety precautions and operation procedures provided in this manual with the ramp sales representative (or vehicle converter) before attempting ramp operation.

Any questions or concerns can be addressed at that time. Operate the ramp through all functions to ensure proper use and operation is understood.

Transit agency supervisors should train and educate all driver/attendants on the proper use and operation of the vehicle, door system, interlock(s), ramp and ramp passenger safety.

The ramp owner's/service manual must be stored in the ramp-equipped vehicle at all times.

### **⚠ WARNING**

**Read and become familiar with all ramp operation safety precautions, pre-operation notes and details, operating instructions and manual operating instructions prior to operating the ramp. If this information is not fully understood, contact The Braun Corporation immediately. Failure to do so may result in serious bodily injury and/or property damage.**

### Preventive Maintenance

Maintenance is necessary to ensure safe and trouble free operation. General preventive maintenance consisting of careful inspections and cleaning the ramp system should be a part of the transit agency daily service program. Simple inspections can detect potential operational problems.

Regular preventive maintenance will reduce potential operation downtime and increase the service life of the ramp, as well as possibly detecting potential hazards.

Exposure to harsh weather, environmental conditions, or heavy usage may require more frequent maintenance and lubrication procedures.

Preventive maintenance visual inspections do not take the place of the procedures specified in the Maintenance and Lubrication Schedule provided in this manual. Refer to the Maintenance and Lubrication section for further details.

## RAMP OPERATION

### Ramp Power Operation

The power ramp is attendant operated and activated by the control switch provided by the vehicle converter (ramp installer). A momentary contact switch (center off) will typically be located near the driver. The control switch may be part of a panel providing other features and controls (power on/off indicators, LED's, etc.).

Before operating the ramp, park the vehicle on a level area, away from vehicular traffic. Place the vehicle transmission in "Park" and engage the parking brake. Meet all other interlock conditions (as equipped). Activate the vehicle "kneel" system to lower the vehicle (if so equipped). Lowering the vehicle reduces the slope of the ramp.

### Power Ramp Safety

#### **⚠ WARNING**

**Provide adequate clearance outside of vehicle to accommodate ramp. Failure to do so may result in serious bodily injury and/or property damage.**

Be certain there is adequate clearance outside the vehicle before deploying the power ramp.

The ramp operator (attendant) and bystanders must keep clear of the area in which the ramp operates and clear of all mov-

ing parts. Be aware of any special needs and/or procedures required for safe transport of wheelchair passengers.

Do not attempt to load or unload a passenger in a wheelchair or other apparatus that does not fit on the ramp. Do not exceed the 1000 pound (454 kilograms) load capacity of the ramp. Passengers should enter and exit one at a time. The attendant should not board the ramp with the passenger except when assistance is required and the load capacity is not exceeded. Always return the ramp to the stowed position when not in use.

ing parts. Attendants must ensure that passengers keep clear of the area in which the ramp operates. Do not attempt to grip or hold the ramp, ramp drive arm assemblies or the assist chains.

If you are an attendant operating the ramp, it is your responsibility to oversee and/or assist in performing safe passenger loading and unloading procedures. Observe your passengers at all times when they are entering and exiting the vehicle. Attendants must



#### **⚠ WARNING**

**Keep clear of area in which ramp operates.**

### Gravity Down Drift

#### Deploy Gravity Down Drift:

When deploying (unfolding) the ramp, the ramp pump motor stops running when the ramp reaches an approximate 45° angle (shut off point). The ramp continues to slowly lower the remaining distance by the force of gravity (non-powered).

Allow the ramp to unfold (deploy) fully before boarding the ramp. Forcing the ramp out or down during the deploy (unfold) function, or boarding onto the ramp before it is fully-deployed may result in damage to the ramp and/or drive assembly.

#### Stow Gravity Down Drift:

When stowing the ramp and it reaches an approximate 15° angle (shut off point), gravity lowers the ramp to the pan (floor).

Note: Pump motor shut off points are microswitch adjustable.

#### **⚠ CAUTION**

**Allow ramp to deploy fully before boarding. Failure to do so may result in damage.**

## Ramp Manual Operation

### Cable-Activated Manual Release

A cable-activated manual release engages and disengages the hydraulic system. A T-handle is provided for activation of the manual release (see Figure A). Pulling the T-handle out pushes a pump valve to release pressure (turn T-handle to lock in released position). Disengaging the hydraulic system allows the ramp to be manually deployed and stowed (hydraulic pressure released).

### Before Power Operation

Ensure the manual release is re-engaged before power operation. Turn the T-handle and push the T-handle in fully after manually operating the ramp. The ramp cannot be power driven if the manual release is released (T-handle out).

### Manual Operation Safety

Two oval-shaped HAND HOLD slots are provided on the ramp (see Figure B). Carefully deploy (unfold) and stow (fold) the ramp using the HAND HOLDS.

Keep clear of the area in which the hinged ramp sections fold and unfold. Keep clear of the area where the inboard ramp side plates stow in the pan (floor). Keep clear of drive arms and assist chains. Remember to use good body mechanics when folding and unfolding the ramp.

The safety precautions addressed in the Ramp Power Operation section apply to manual operation of the ramp also. Read and become familiar with all ramp safety precautions.

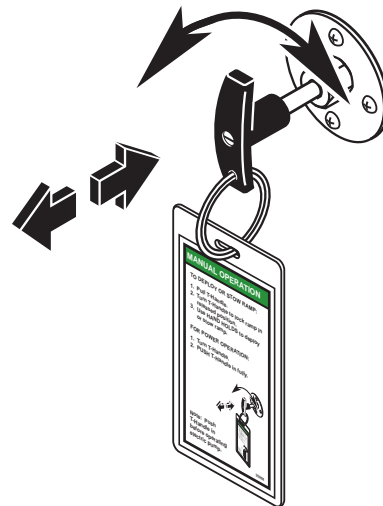
## T-handle Operation

### To Manually Deploy or Stow Ramp:

1. Pull T-Handle.
2. Turn T-Handle to lock ramp in released position.
3. Use HAND HOLDS to deploy or stow ramp.

### For Power Operation:

1. Turn T-Handle.
2. Push T-Handle in fully.



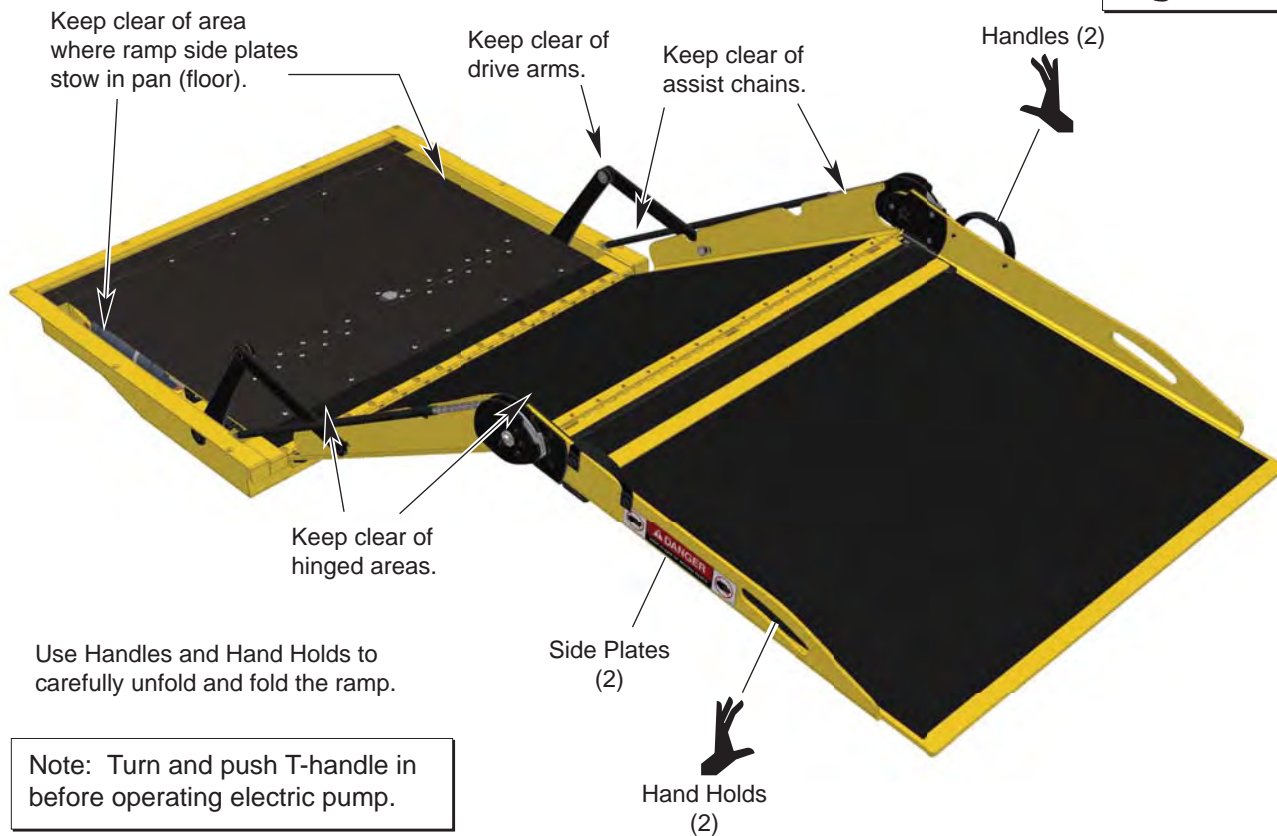
**Figure A**

**Note:** Turn and push T-handle in **before** operating electric pump.

## RAMP OPERATION

### Ramp Manual Operation (continued)

**Figure B**



### Ramp Passenger Safety

Unless your transit agency has a published policy stating that driver/attendants do not aid ramp passengers, it is the responsibility of the driver/attendant to ensure that ramp passengers enter and exit the vehicle on the ramp in the safest manner.

ADA requirements state that transit drivers/attendants must assist with attaching and removing wheelchair and occupant restraint belts.

Ramp passengers (wheelchair passengers and standees), and attendants must use common sense and good judgment regarding ramp safety. Each wheelchair passenger (or standee) has a unique set of physical abilities combined with the physical characteristics of his or her wheelchair (or other mobility aid) that dictate the method in which he or she will enter and exit the vehicle.

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 the passenger's wheelchair (or other mobility aid). Wheelchair passengers must determine, establish and practice ramp boarding and exiting procedures under the direction of their personal health care professional and wheelchair representative. Those procedures should be conveyed to the ramp attendant. Know your passengers abilities and needs for optimum safety.

Attendants must never operate the vehicle, the ramp or assist passengers if intoxicated. Intoxicated passengers should not be allowed to board or exit the vehicle.

## Ramp Passenger Safety

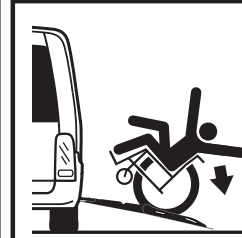
### ⚠ WARNING

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.

Passengers should be positioned in the center of the ramp at all times. Attendants and ramp passengers must be able to clearly view the ramp whenever boarding and exiting the vehicle. The attendant and/or wheelchair passenger must ensure the ramp is fully deployed before exiting the vehicle. Observe your passengers at all times when they are entering and exiting the vehicle.

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



### ⚠ WARNING

Be aware of ramp slope.



**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. The wheelchair passenger's center of gravity and their ability to maintain stability and balance must be kept in mind by the wheelchair passenger and the attendant.

The aid of an attendant stabilizing the wheelchair is recommended for optimum safety. Wheelchair passengers who are unable to maintain stability and balance should not board a ramp without assistance. Counterbalance devices (anti-tippers) may be available from the wheelchair representative to enhance stability and balance.

Wheelchairs should be operated at a slow and constant speed when on the ramp. Wheelchairs should not accelerate suddenly when on the ramp. Wheelchair passengers should not raise the front wheelchair wheels (pull wheelie) when on the ramp.

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 parts being inadvertently detached from the wheelchair resulting in possible injury to the wheelchair occupant and/or the attendant.



# RAMP INSTALLATION

## 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**

**⚠ WARNING**

This symbol indicates important safety information regarding a potentially hazardous situation that could result in serious bodily injury and/or property damage.

**C**

**⚠ CAUTION**

This symbol indicates important information regarding how to avoid a hazardous situation that could result in minor personal injury or property damage.

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

These symbols will appear throughout this manual. **Recognize the seriousness of this information.**

## Installation / Service Safety Precautions

**⚠ WARNING**

If installation, maintenance or repair procedures cannot be completed exactly as provided in this manual or if the instructions are not fully understood, contact The Braun Corporation immediately. Failure to do so may result in serious bodily injury and/or property damage.

**⚠ WARNING** Read this manual and supplement(s) before performing installation, operation or service procedures.

**⚠ CAUTION** Installation specifications and dimensions must be met.

**⚠ WARNING** Remove any obstructions within the ramp mounting/operating area prior to beginning installation procedures.

**⚠ WARNING** Do not operate ramp prior to positive securement of the pan.

**⚠ WARNING** Check for obstructions such as gas lines, wires, exhaust, etc. before drilling or cutting during installation procedures.

**⚠ WARNING** Route all cables clear of exhaust system, other hot areas, moving parts, wet areas, etc.

**⚠ WARNING** Risk of electrical shock or fire! Use extra care when making electrical connections. Connect and secure as outlined in Installation Instructions and Wiring Diagrams.

**⚠ WARNING** Meet all ramp positioning and clearance specifications as detailed in the Installation Instructions before operating ramp.

**⚠ WARNING** Maintenance and repairs 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.

## Installation/Service Safety Precautions

- ⚠ WARNING** Disconnect the power cable at the battery prior to servicing.
- ⚠ WARNING** Keep hands, arms and all other body parts clear of moving parts.
- ⚠ WARNING** Never modify (alter) a Braun Corporation ramp.
- ⚠ WARNING** Replacement parts must be Braun authorized replacements.
- ⚠ WARNING** Never install screws or fasteners (other than factory equipped).
- ⚠ WARNING** Whenever replacing a hydraulic cylinder or seals, deploy ramp fully.
- ⚠ WARNING** Failure to follow these safety precautions may result in serious bodily injury and/or property damage.

## Installation Requirements

Braun RA300 Series transit ramps must be installed and serviced by a Braun authorized service representative who has attended and been certified by The Braun Corporation Sales and Service School for Braun Mobility Products.

Read and become familiar with the contents of this manual before beginning installation, operation or service procedures.

### ⚠ WARNING

**Read this manual, before performing installation, operation or service procedures. Failure to do so may result in serious bodily injury and/or property damage.**

## Chassis Requirements

The RA300 is designed for use in low-floor transit vehicles. A “floor pocket” (mounting hole) built into the chassis/floor system allows for simple installation (accepts “drop-in” unit). Floor Pocket Clear Opening Dimensions are specified on pages 16 and 17. See Figures C, D and E.

The installer must provide an appropriate framework in the vehicle (aligned center with door opening). See Figure E. Ramp assembly mounting hardware and/or brackets are directly dependant upon the vehicle chassis and “floor pocket”

configuration (not supplied).

**Slope:** The portion of the floor where the ramp mounts can range in slope from 0° to 9.5° (see Figure D).

**Outboard Support Tube:** An outboard support tube must be positioned under the outboard edge of the opening (minimum 1-1/2" x 2" steel tube). The recommended height of the support tube for each model is listed in the chart on page 17. Kneeling Vehicles: Measured with suspension lowered.

**ADA:** Installations with the support tube positioned above the recommended height from ground level may not comply with ADA ramp slope requirements.

Some OEM chassis meet these specifications. The RA300 is designed to conform to these specifications.

The ramp pan horizontal border (lip) sets on the floor pocket perimeter, (framework, sub floor, etc.). The finished flooring can be cut to conform to the border of the pan for a flush transition surface from ramp-to-floor.

## RAMP INSTALLATION

### Installation Requirements (continued)

**Door Opening:** Open the door(s) fully and check the clear door opening width dimension. Specified minimum clear door opening width must be provided (see next page).

Door(s) must open outward. When closed, the door(s) should align with and conform to the outboard edge of the ramp pan (rubber seal on bottom of door).

**Minimum Clear Door Opening** Dimensions are defined as finished door opening, including any intrusive door jambs, headers, sills or hinges.

**Obstructions:** Any intrusive obstructions within the door opening or the ramp mounting/operating area (such as seats, molding, lights, brackets, etc.) must be removed. Trim or

remove molding that creates an uneven mounting surface should be removed. The molding can be modified to fit around the ramp pan horizontal border (lip).

There must be a minimum 1/8" clearance between the deployed ramp assembly and the vehicle floor or any obstruction on the floor (such as a rubber sill or threshold).

### Floor Pocket

**Outboard Support Tube:** Recommended Height can be determined by using the chart on the following page. Kneeling Vehicles: Measured with suspension lowered.

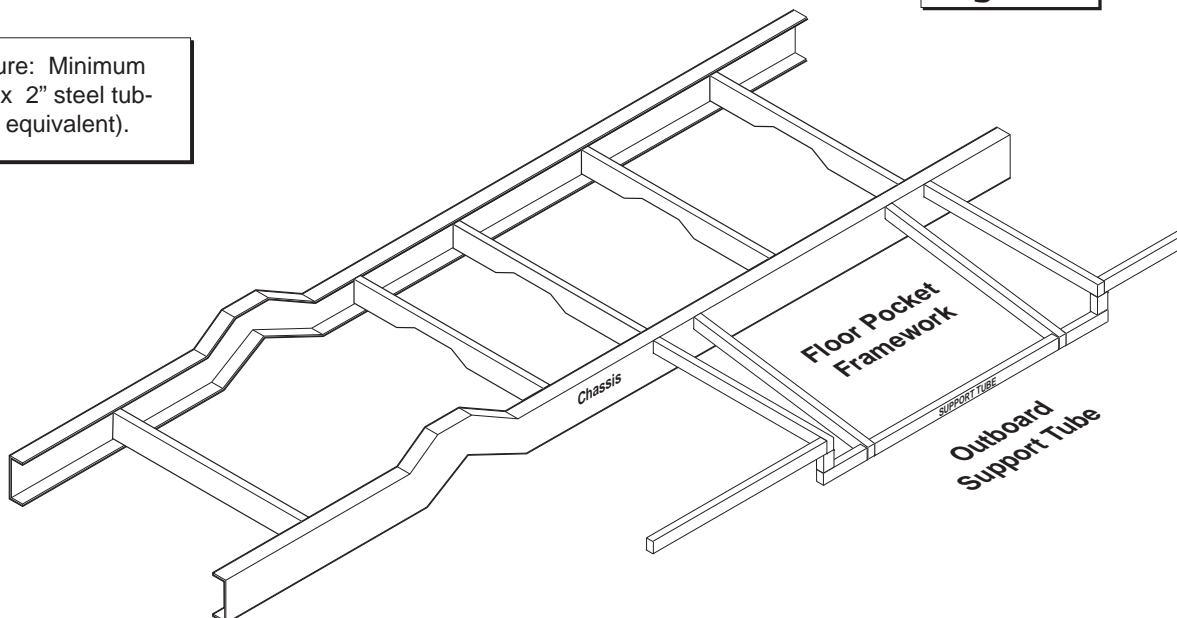
**ADA:** Installations with the support tube positioned above the recommended height from ground level may not comply with ADA ramp slope requirements.

The portion of the floor where the ramp mounts can range in slope from 0° to 9.5°.

### Floor Pocket Framework

Note: Ramp assembly mounting hardware and/or brackets are directly dependant upon the vehicle chassis and "floor pocket" configuration (not supplied).

Structure: Minimum 1-1/2" x 2" steel tubing (or equivalent).

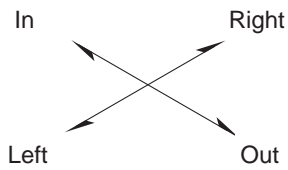


**Figure C**

# RAMP INSTALLATION

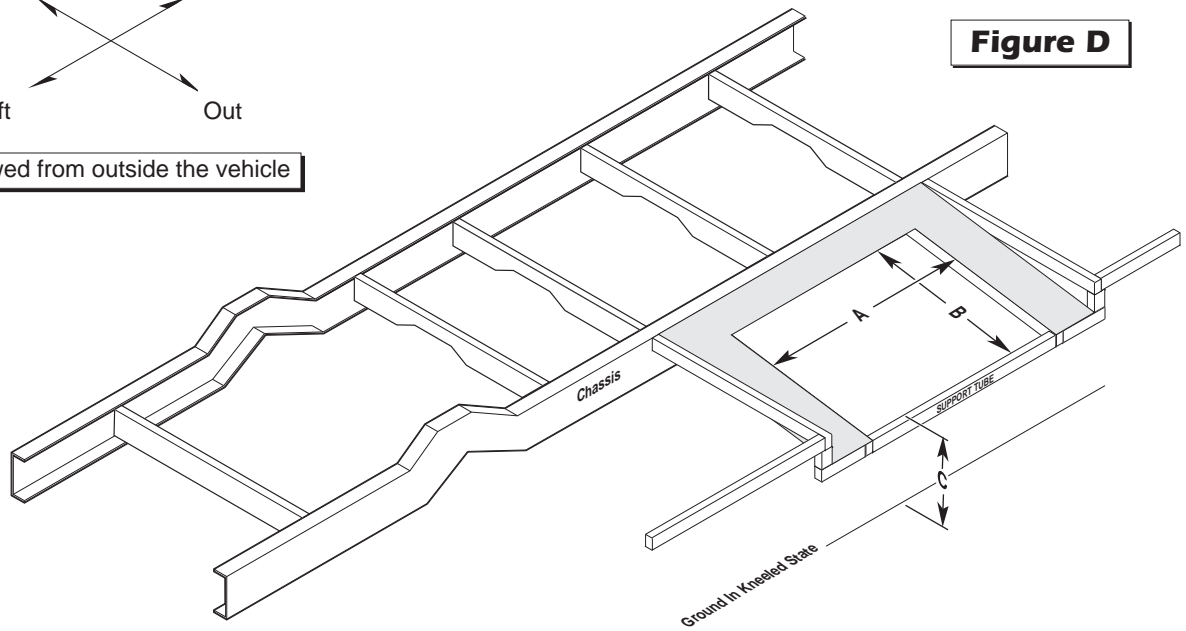
## Floor Pocket Clear Opening Dimensions

RA300 RAMP MODEL		BF3248Y-2	BF3255Y-2	BF3455Y-2	BF3262Y-2	BF3462Y-2	BF3462Y-2PA
A	Width	34-1/4"	34-1/4"	36-1/4"	34-1/4"	36-1/4"	36-1/4"
B	Depth	23-1/8"	26-3/16"	26-3/16"	29-1/4"	29-1/4"	29-1/4"
C	4:1 Slope Install Height	12"	13-3/4"	13-3/4"	15-1/2"	15-1/2"	15-1/2"
C	6:1 Slope Install Height	8"	9"	9"	10-1/4"	10-1/4"	10-1/4"
D	Door Opening Width	37"	37"	39"	37"	39"	39"

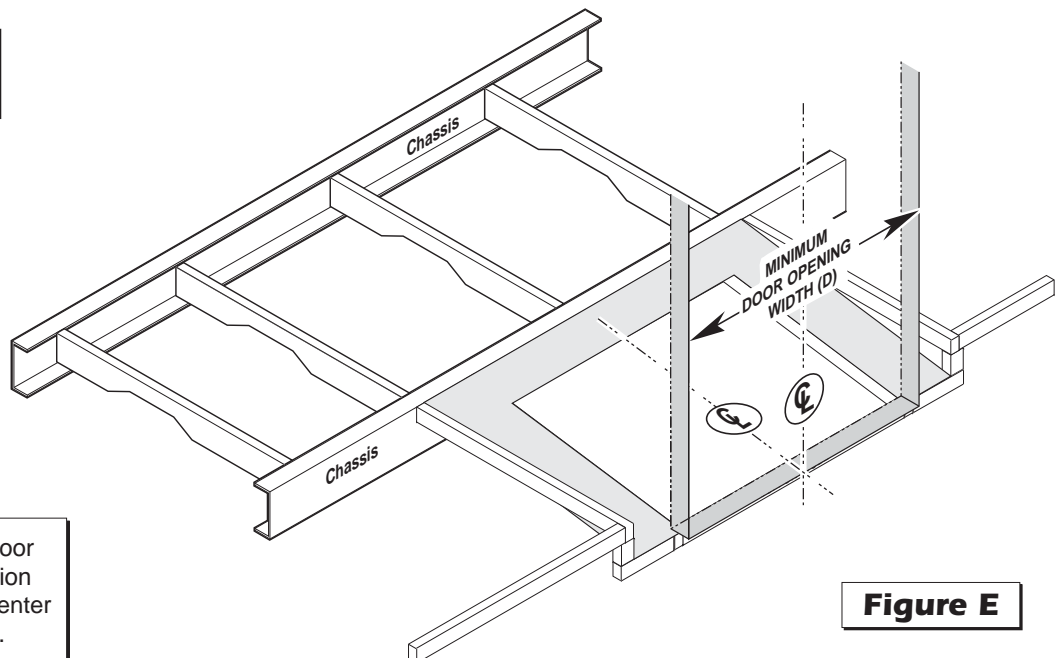


As viewed from outside the vehicle

**Figure D**



Door(s) must open outward.



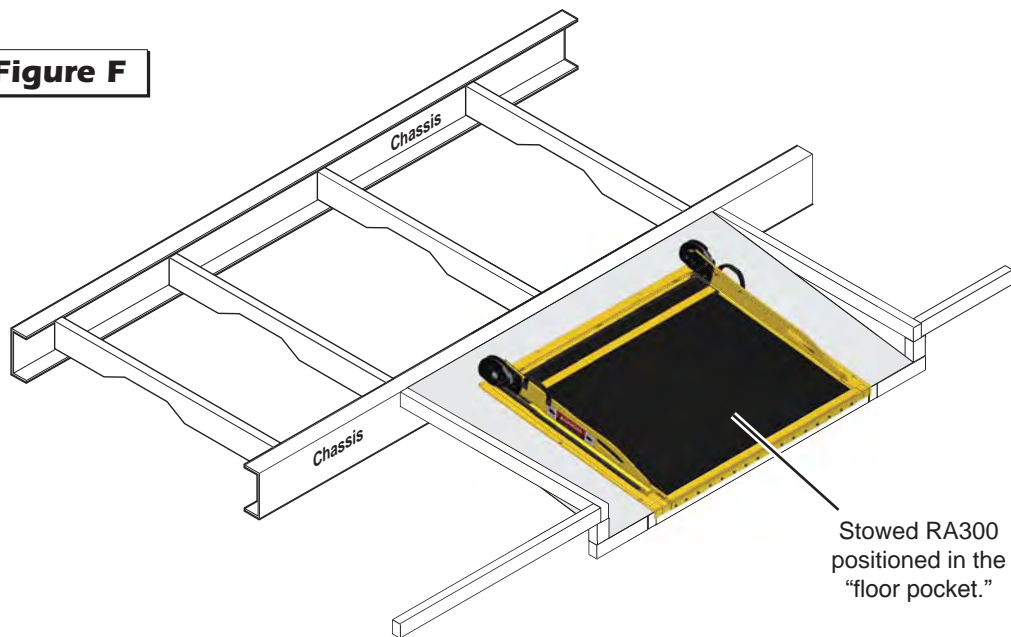
Vehicle chassis "floor pocket" configuration must be aligned center with door opening.

**Figure E**

## RAMP INSTALLATION

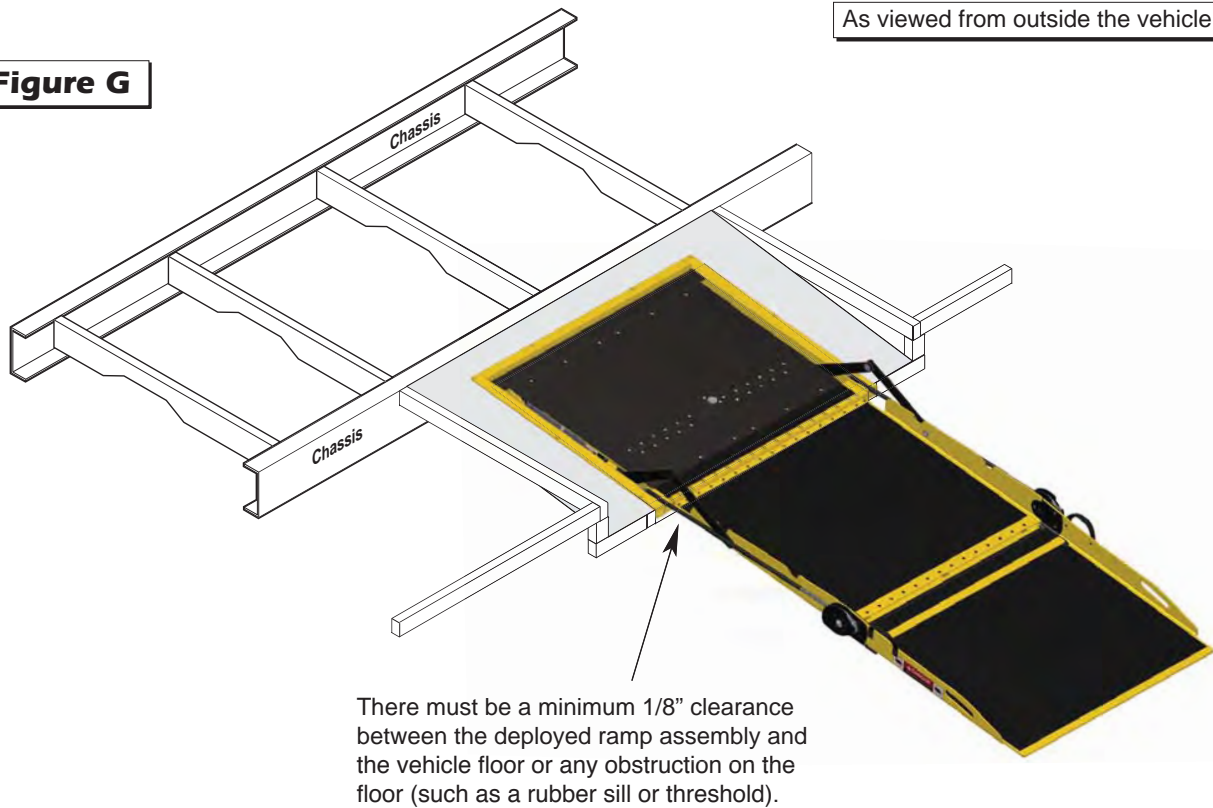
### Installed Ramp - Stowed

**Figure F**



### Installed Ramp - Deployed

**Figure G**







**BLANK for LAYOUT**

## RAMP INSTALLATION

### Electrical Connections

The ramp installer provides an appropriate control switch for the end user. A momentary contact ramp control switch (center off) will typically be mounted near the driver. The control switch may be part of a panel providing other features and controls (power on/off indicators, LED's, etc.).

The Positive (+) "battery" lead wire must be protected by an in-line 30 ampere fuse or circuit breaker (installer provided).

Do not connect the power "battery" lead wire to the battery until all other connections are made.

Connect the 8-pin Deutsch male plug to the mating Deutsch connector mounted at the front of the pan (details on page 21).

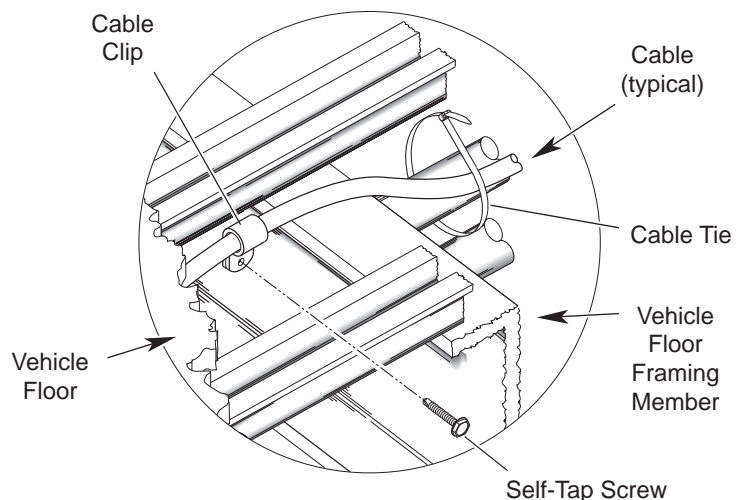
Carefully connect the power "battery" lead wire to the Positive (+) battery post.

### ⚠ WARNING

Route cables clear of exhaust system, other hot areas and moving parts. Failure to do so may result in serious bodily injury and/or property damage.

**Figure H**

Secure all cables using cable ties and/or cable clips (mount clips with self-tap screws).



### ⚠ WARNING



**Risk of electrical shock! Use extra care when making electrical connections.**

### ⚠ WARNING

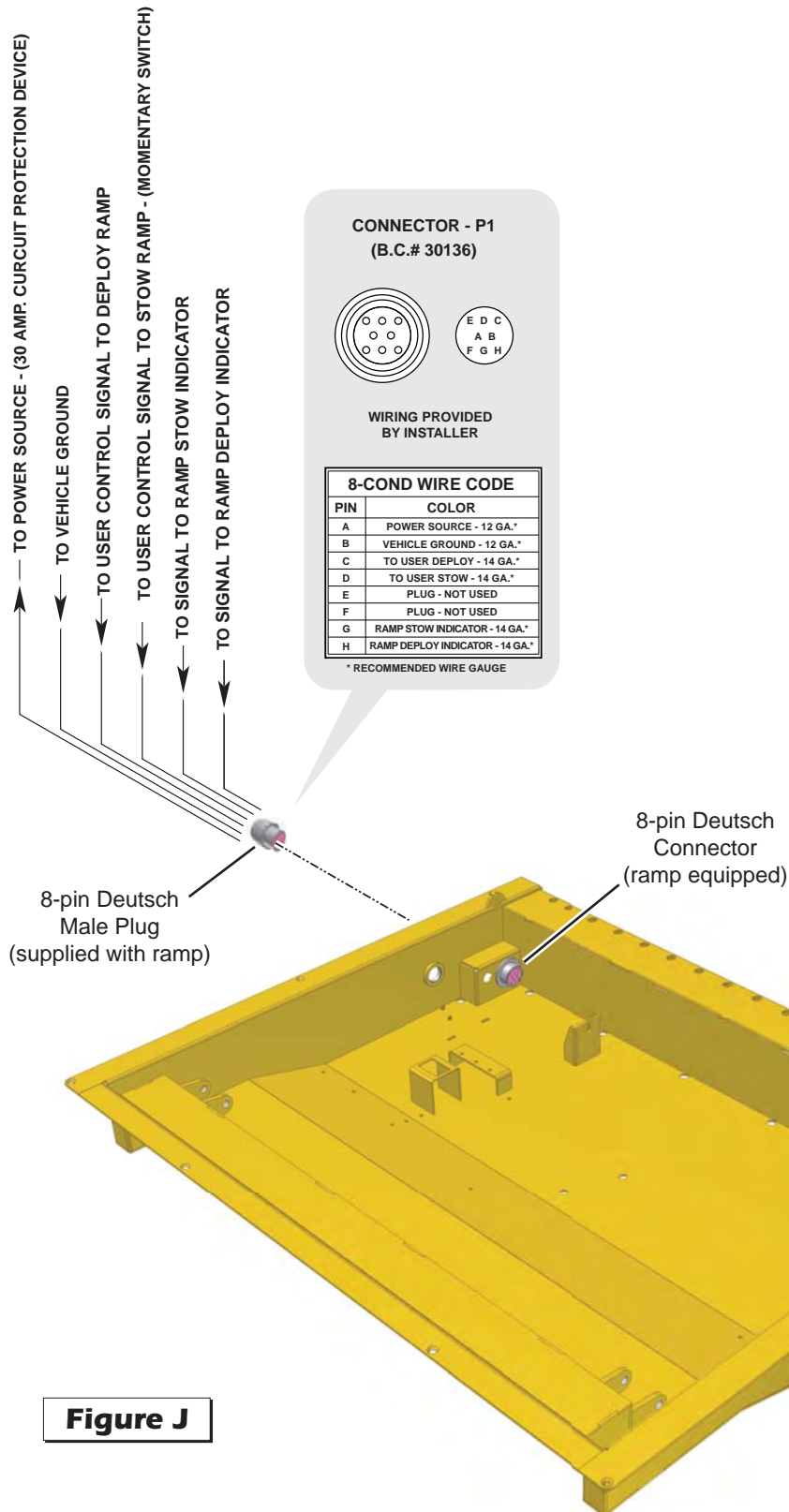


**Risk of electrical fire! Use extra care when making electrical connections.**

### Chassis Ground Corrosion:

When mounting chassis ground cables, remove undercoating, dirt, rust, etc. from the framing member around the mounting holes. Apply a protective coating to mounting holes to prevent corrosion. Failure to do so will void warranty of certain electrical components.

## Electrical Connections



An 8-pin Deutsch connector is mounted at the front of the ramp pan (see Figure J). A mating 8-pin Deutsch connector (male plug) is supplied with the ramp.

Terminate the power supply, the ground, DEPLOY signal (+), DEPLOY indicator, STOW signal (+) and STOW indicator as specified in legend.

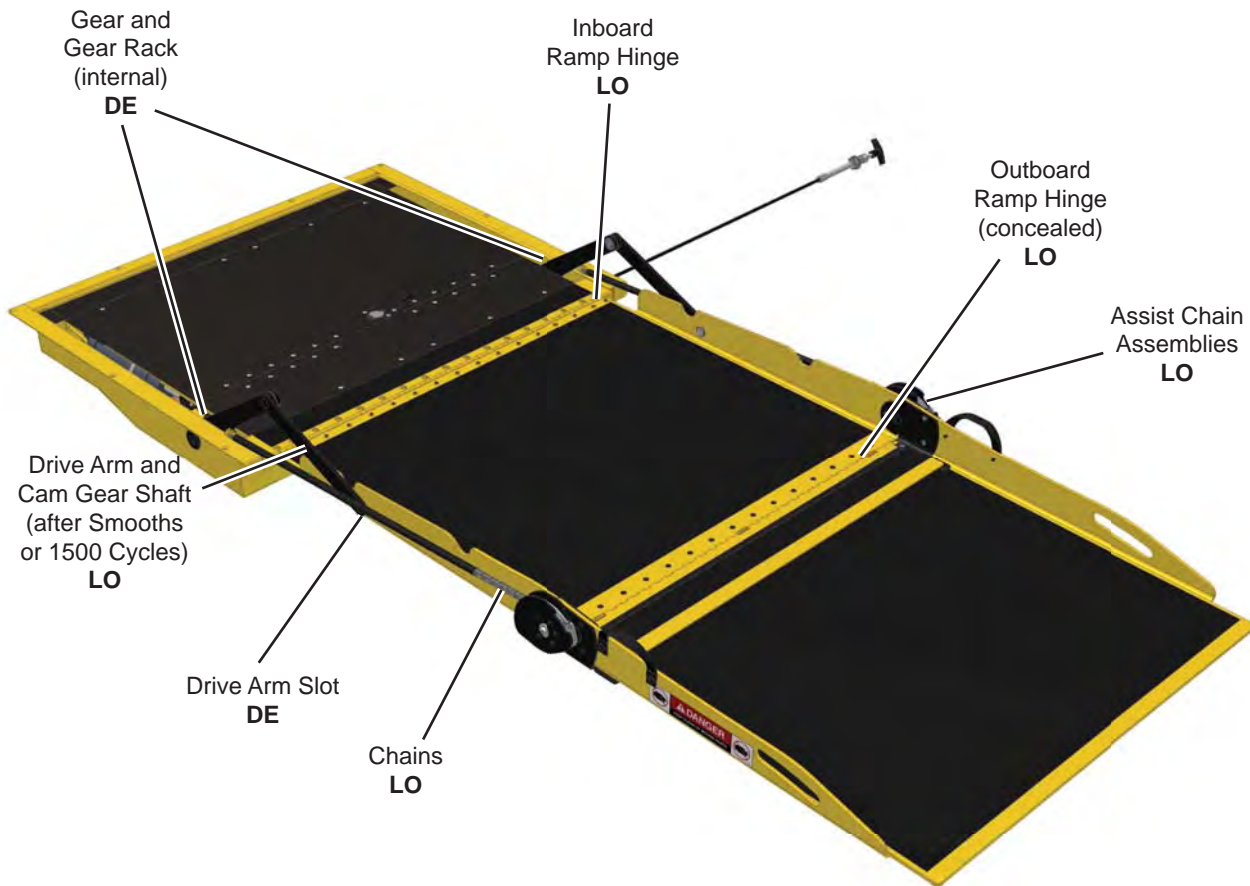
### WARNING

**Positive (+) battery lead wire must be protected by installer-provided 30 ampere fuse or circuit breaker. Failure to do so may result in serious bodily injury and/or property damage.**

**Figure J**

# MAINTENANCE and LUBRICATION

## Lubrication Diagram



Note: See the Maintenance/Lubrication Schedule for recommended applications per number of cycles or elapsed time.

Lubricant	Type	Specified (recommended) Lubricant	Available Amount	Braun Part No.
<b>LO - Light Oil</b>	Light Penetrating Oil (30 weight or equivalent)	LPS2, General Purpose Penetrating Oil	16 oz. Aerosol Can	15807
<b>DE - Door-Ease</b>	Stainless Stick Style (tube)	Door-Ease Stick (tube)	1.68 oz.	15806
<b>LG - Light Grease</b>	Light Grease (Multipurpose)	Lubricate	14 oz. Can	15805

**Maintenance and Lubrication Introduction**

Proper maintenance is necessary to ensure safe, trouble-free operation. Inspecting the ramp for any wear, damage or other abnormal conditions should be a part of the transit agency daily service program. Simple inspections can detect potential problems.

Preventive maintenance visual inspections do not take the place of the procedures specified in this schedule.

The maintenance and lubrication procedures specified in this schedule must be performed by a Braun authorized service representative at the scheduled intervals according to the number of cycles or elapsed time, whichever comes first.

RA300 Series ramps are equipped with hardened pins and self-lubricating bearings to decrease wear, provide smooth operation and extend the service life of the ramp.

When servicing the ramp at the consecutive recommended intervals, inspection and lubrication procedures specified in the previous sections should be performed (repeated). Clean components and the surrounding area before applying lubricants. LPS2 General Purpose Penetrating Oil is recommended where Light Oil is called out. Use of improper lubricants can attract dirt or other contaminants which could result in wear or damage to the components. Ramp components exposed to contaminants when lowered to the ground may require extra attention. Specified lubricants are available from The Braun Corporation (part numbers provided).

All listed inspection, lubrication and maintenance procedures should be repeated at 750 cycle intervals following the scheduled 1500 cycle maintenance procedures. These intervals are a general guideline for scheduling maintenance procedures and will vary according to ramp use and conditions.

Ramps exposed to severe conditions (weather, environment, contamination, heavy usage, etc.) may require inspection and maintenance procedures to be performed more often than specified.

Cycle Counter: RA300 Series ramps are equipped with a cycle counter located in the pan weldment. This cycle counter allows the service technician to track the number of cycles.

Discontinue ramp use immediately if maintenance and lubrication procedures are not properly performed, or if there is any sign of wear, damage or improper operation. Contact your sales representative or call The Braun Corporation. One of our national Product Support representatives will direct you to an authorized service technician who will inspect your ramp.

**⚠ WARNING**

**Maintenance and lubrication 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.**

**Maintenance and Lubrication Schedule**

<b>750 Cycles</b>  <div>continued</div>	Inboard ramp hinge	Clean and lubricate. Apply Light Oil - See Lubrication Diagram
	Outboard ramp hinge	Clean and lubricate. Apply Light Oil - See Lubrication Diagram
	Drive arm pivot pins (screws, nuts and bearings)	Apply Light Oil - See Lubrication Diagram
	Drive arm and cam gear pivot shaft	Apply Light Oil - See Lubrication Diagram



## MAINTENANCE and LUBRICATION

<b>750 Cycles</b>	<b>continued</b>	Chains at gears and chain assist assemblies	Clean and lubricate. Apply Light Oil - See Lubrication Diagram
		Drive arm slot	Apply Door-Ease. See Lubrication Diagram
		Inspect drive arm pivot points (mounting screws, nuts and bearings) for positive securement, wear or damage	Tighten, replace or correct as needed.
		Inspect drive arm slots for excessive wear or damage	Correct as needed
		Clean ramp and ramp mounting area (ensure no debris in area to obstruct stowing/stacking)	Clean and remove debris or obstructions
		Cycle ramp and observe drift speed during deploy and stow functions	If drifts too fast, adjust applicable Drift Micro-switch Cam so drift begins at reduced height.
		Inspect ramp for wear, damage or any abnormal condition.	Correct as needed

<b>1500 Cycles</b>	<b>Perform all procedures listed in previous section also</b>		
	Remove sub floor (pan cover) and clean dirt and other foreign debris		Blow out with air compressor
	Remove sub floor (pan cover) and lubricate drive arm gear and cylinder gear rack		Clean and lubricate. Apply Door-Ease
	Remove sub floor (pan cover) and inspect:		
	• Pump mounting bolts for securement (loose or missing)		Resecure, adjust microswitches, replace damaged parts or otherwise correct as needed.
	• Drive arm and gear rack weldment teeth for foreign objects, wear or damage (bent, deformed, misaligned), positive securement and proper operation		
	• Gear rack weldment pin securement E-clip (loose or missing)		
	• Hydraulic cylinder, hoses, fittings and connections for wear, damage or leaks		
	• Harness cables, wires, terminals and connections for securement or damage		
	• Relays for securement or damage		
	• Microswitches and cams for securement and adjustment		
	• Microswitch wires and terminals for securement or damage		

## MAINTENANCE and LUBRICATION

<div>continued</div> <div>1500 Cycles</div>	<div> <p>Hydraulic Fluid (Pump) - Check level. Note: Fluid should be changed if there is visible contamination. Inspect the hydraulic system (cylinder, hoses, fittings, seals, etc.) for leaks if fluid level is low.</p> <p>Inspect vehicle-to-ramp wiring harness</p> <p>Mounting</p> <p>Decals and Antiskid</p> </div> <div> <p>Use Braun 32840-QT hydraulic fluid (Exxon® Unavis HVI 26). Do not mix with Dextron III or other hydraulic fluids. Check fluid level with ramp fully deployed. Fill to maximum fluid level indicated on reservoir (fill line molded in reservoir). Do not overfill.</p> <p>Resecure, repair or replace or otherwise correct as needed</p> <p>Check to see that the ramp is securely anchored to the vehicle and there are no loose bolts, broken welds, or stress fractures.</p> <p>Replace decals if worn, missing or illegible. Replace antiskid if worn or missing.</p> </div>
<div>Consecutive 750 Cycle Intervals</div>	<div>Repeat all previously listed inspection, lubrication and maintenance procedures at 750 cycle intervals (or per vehicle maintenance schedule).</div>

## MICROSWITCH ADJUSTMENT

### WARNING

Improper microswitch adjustment may result in serious bodily injury and/or property damage.

**Microswitches:** Three microswitches (limit switches) are incorporated in the RA300 electrical system. Ramp microswitches are: Drift-In, Drift-Out and Counter. Adjust microswitch(es) as detailed (if necessary only).

### Microswitch Sequence

**Stowed Position:** When the ramp is in the stowed position, the Drift-Out and Counter microswitches are deactivated (common and normally closed terminals have continuity). In contrast, the Drift-In microswitch is activated.

**Deploy Sequence:** When the ramp is in the stowed position, the Drift-Out microswitch is deactivated. Current is allowed to pass from the vehicle Deploy Relay, which directs current to the bidirectional pump motor (hydraulically drives cylinders to deploy ramp).

When the ramp platform reaches the Drift-In limit (approximately 45° above ground level), the

microswitch is activated (common and normally open terminals have continuity), and the current to the Deploy Relay is interrupted thus stopping the current to the pump motor. The platform then “drifts” downward to ground level, during which, at some position, the Drift-Out microswitch is activated. The Drift-In microswitch is deactivated during the deploy movement of the platform. Note: Neither of the other 2 microswitches have any bearing on the deploy sequence.

**Deployed Position:** When the ramp is in the deployed position, the Drift-Out and Counter microswitches are activated. In contrast, the Drift-In microswitch is deactivated.

**Stow Sequence:** When the ramp is in the deployed position, the Drift-In microswitch is deactivated, allowing current to pass from the vehicle Stow switch circuit and energize the ramp Stow Relay, which directs current to the bidirectional pump motor (hydraulically drives cylinder to stow ramp).

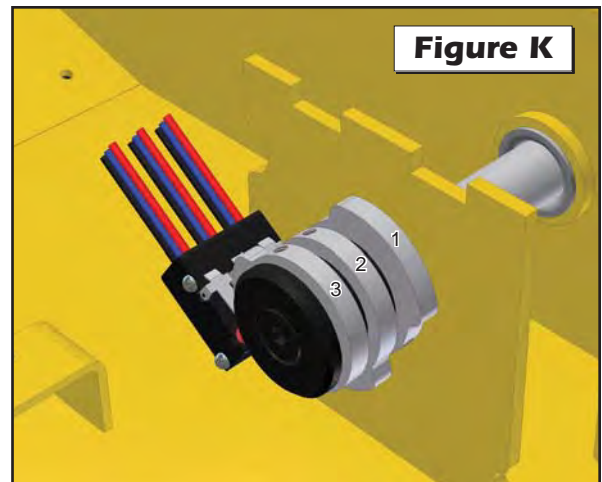
When the ramp platform reaches the Drift-Out limit (approximately 45° above ground level) and deactivates the microswitch, the current to the Stow Relay will be interrupted.

## MICROSWITCH ADJUSTMENT

### Drift In Microswitch (Cam 1)

Turn Cam 1 counter-clockwise to start Drift In function sooner (shut pump off).

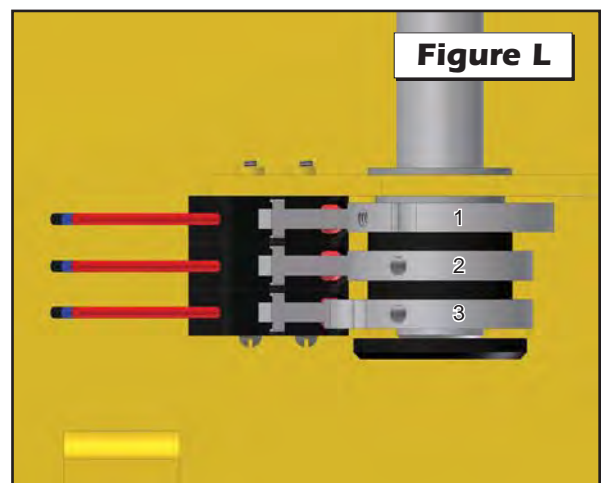
Turn Cam 1 clockwise to start Drift In function later (allow ramp to stow further before pump shuts off).



### Drift Out Microswitch (Cam 2)

Turn Cam 2 clockwise to start Drift Out function sooner (shut pump off).

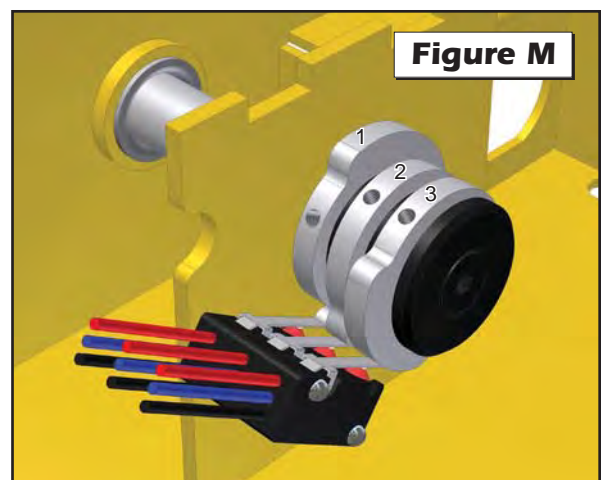
Turn Cam 2 counter-clockwise to start Drift Out function later (allow ramp to deploy further before pump shuts off).



### Counter Microswitch (Cam 3)

Turn Cam 3 clockwise to start Interlock sooner.

Turn Cam 3 counterclockwise to return Interlock signal later.



## DEPLOY and STOW PRESSURE ADJUSTMENT

### Hydraulics

#### B-3202-0106 Hydraulic Pump:

Fixed displacement external gear type hydraulic pump with 12 VDC electric motor and 76 cubic inch fluid reservoir for 12V BF3462Y .

**Hydraulic Fluid:** Use Braun 32840-QT hydraulic fluid (Exxon® Univis HVI 26). Do not mix with Dextron III or other hydraulic fluids. Check fluid level with ramp

fully deployed. Fill to maximum fluid level indicated on reservoir (fill line molded in reservoir). Do not overfill.

### Deploy and Stow Pressure Relief Valves

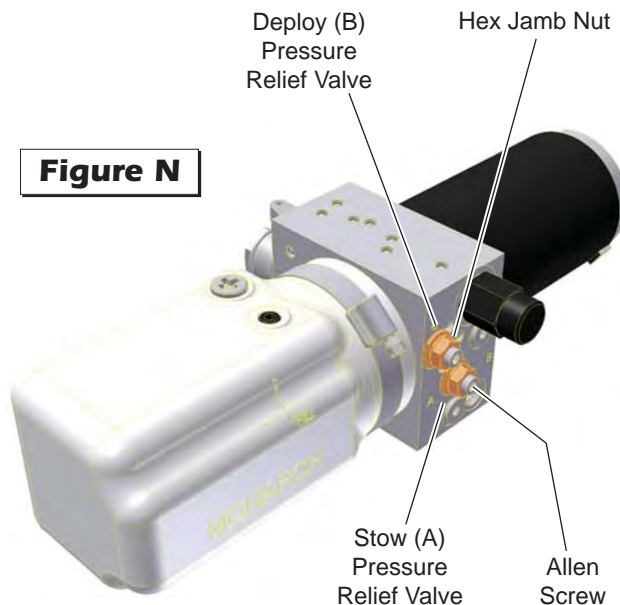
Deploy and stow pressure relief valves are factory set and typically should not require adjustment. Adjustment procedure typical for both valves. The ramp pan cover (sub-floor) must be removed to access relief valves.

#### Relief Valve Adjustment Procedure

1. Insert a 3/16" Allen wrench into the Allen adjustment screw. Secure the Allen screw and loosen the hex nut (do not remove hex nut).
2. Place 40 pound load on ramp (at center).
3. Turn the Allen screw clockwise until pump starts to lift the load.
4. Turn the Allen screw counterclockwise 1/4 turn.
5. Remove load from platform. Verify pump will lift empty ramp.
6. Secure the Allen head screw and tighten the hex nut securely.

### ⚠ WARNING

Contact The Braun Corporation before adjusting hydraulic pressure relief valve. Failure to do so may result in serious bodily injury and/or property damage.





## 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.

If a problem occurs with your ramp, discontinue operation immediately! Contact your sales representative or call The Braun Corporation at 1-800-THE LIFT®. One of our national Product Support representatives will direct you to an authorized service technician who will inspect your ramp.

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

Chart. The specific cause and remedy can then be determined by process of elimination. Wiring Diagrams, Electrical Schematics, Hydraulic Diagrams and Hydraulic Schematics are provided to aid in troubleshooting.

A Repair Parts section with an exploded view and corresponding parts list is also provided. Correct the problem if possible. If the problem continues, contact The Braun Corporation.

FUNCTION	SYMPTOM	POSSIBLE CAUSE	REMEDY
<b>1.00 NO OPERATION</b>	<b>1.10 No Power To Ramp (Circuit Problem)</b>	1.11 Battery terminals dirty 1.12 Chassis ground connection (frame ground cables) 1.13 Battery damaged 1.14 Battery discharged 1.15 30 ampere in-line fuse faulty 1.16 Power cable 1.17 Vehicle Interlock(s) circuit incomplete 1.18 Vehicle-to-ramp wiring harness	Clean and tighten Clean and tighten. See <b>Chassis Ground Corrosion</b> on page 20. Replace Charge battery Replace fuse Check for loose terminals or broken wire Correct or replace Disconnect harness from ramp. Using volt meter, test (probe) 8-pin Deutsch male plug terminals as follows: Pin A = + 12V Pin B = -Ground Pin C = V (when Stow switch is activated) Pin D = V (when Deploy switch is activated)
	<b>1.20 Power to Ramp But No Pump Operation</b>	1.21 Ramp wiring harness   1.22 Faulty relay(s) 1.22 Loose connection(s) 1.24 Broken wire(s) 1.25 Wire terminal(s)	Remove relays from sockets. Using volt meter, test (probe) wires/terminals at relay sockets: Red = + 12V Black = -Ground Blue = V (when Stow switch is activated) Orange = V (when Deploy switch is activated) Replace Clean and tighten Repair Crimp tightly to wire
<b>2.00 DEPLOY (Out)</b>	<b>2.10 No Operation</b>	2.11 See 1.00 2.12 Drift Out Microswitch out of adjustment or damaged 2.13 Drift Out Microswitch harness disconnected, damaged or otherwise damaged 2.14 Pump motor brushes worn	See Microswitches in Systems Descriptions for details Connect, repair or replace   Contact Braun Product Support - replace pump
continued	continued		

# TROUBLESHOOTING

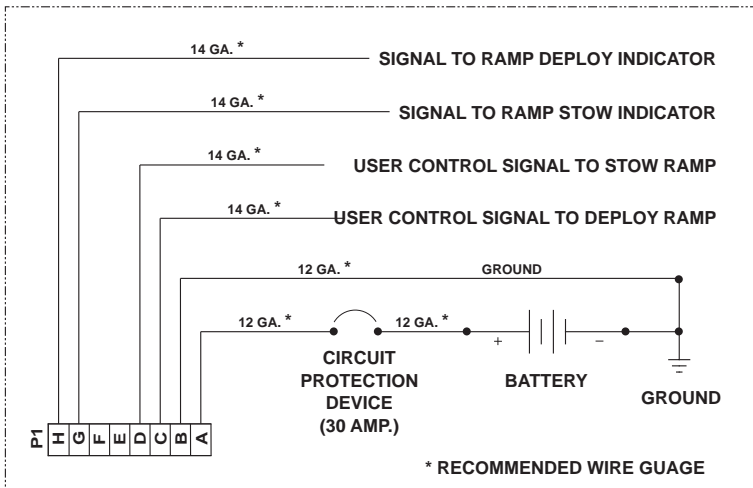
FUNCTION	SYMPTOM	POSSIBLE CAUSE	REMEDY
<b>2.00 DEPLOY (Out)</b>	continued <b>2.20 Locked in Intermediate Position (No Response to Deploy Switch/No Drift Out)</b>	2.21 Ramp was stopped within the Deploy "Drift Out" range during Stow function	Activate Stow function until ramp is out of the Deploy "Drift Out" range. Then activate Deploy function.  <b>OR</b> Pull Manual Release Cable slightly.
	<b>2.30 Pump Runs But Doesn't Deploy</b>	2.31 Physical obstruction (20 lb or more) on ramp 2.32 Mechanical binding 2.33 Deploy pressure relief valve setting too low 2.34 Low hydraulic fluid supply. <b>Note:</b> Fluid should be changed if there is visible contamination. Inspect the hydraulic system for leaks if fluid level is low.  2.35 Leak in hydraulic system 2.36 Cylinder leak 2.37 Deploy pressure relief valve stuck open due to contamination or otherwise damaged 2.38 Pump internal shuttle valve stuck or damaged	Remove obstruction  Check and correct Adjust relief valve setting. See Systems Descriptions for details. Use Braun 32840-QT hydraulic fluid (Exxon® Unisolv HVI 26). Do not mix with Dextron III or other hydraulic fluids. Check fluid level with ramp fully deployed. Fill to maximum fluid level indicated on reservoir (fill line molded in reservoir). Do not overfill. Repair Replace. Contact Braun Product Support - replace pump  Contact Braun Product Support - replace pump
	<b>2.40 Faulty or Sluggish Operation</b>	2.41 Lack of lubrication (drive arm assembly pivot pins and shaft) 2.42 Misalignment or damage to: • Drive arm and/or pivot pins • Linkage arms and/or pivot pins • Drive arm and cam gear shaft • Cylinder rack gear and/or cam gear 2.43 Mechanical binding 2.44 Restriction in hydraulic lines  2.45 Hydraulic fluid too thick due to cold climate	Lubricate pivot pins. See Maintenance and Lubrication Schedule and Diagram Correct/Replace/Lubricate. See Maintenance and Lubrication Schedule and Diagram  Check and correct Check for contamination or kinks - correct or replace Thin with Diesel fuel - 2 T. Change in spring. See Systems Descriptions for full-time cold climate specifications
	<b>2.50 Drifts Excessively Slow (or No Drift)</b>	2.51 See 2.38 and 2.40 2.52 Pump internal orifice plugged or damaged	Contact Braun Product Support - replace pump
	<b>2.60 Drifts Excessively Fast</b>	2.61 See 2.35 and 2.36 2.62 Pump internal orifice enlarged or damaged	Contact Braun Product Support - replace pump

FUNCTION	SYMPTOM	POSSIBLE CAUSE	REMEDY
<b>3.00 STOW (In)</b>	<b>3.10 No Operation</b>	3.11 See 1.00 3.12 Drift In Microswitch out of adjustment or damaged 3.13 Drift In Microswitch harness disconnected, damaged or otherwise damaged	Adjust or replace. See Microswitches in Systems Descriptions for details Connect, repair or replace
	<b>3.20 Locked in Intermediate Position (No Response to Stow Switch/No Drift In)</b>	3.21 Ramp was stopped within the Stow "Drift In" range during Deploy function	Activate Deploy function until ramp is out of the Stow "Drift In" range. Then activate Stow function.  <b>OR</b> Pull Manual Release Cable slightly.
	<b>3.40 Pump Runs But Doesn't Stow</b>	3.41 See 2.31, 2.32, 2.34, 2.35 and 2.36 3.42 Stow pressure relief valve setting too low 3.43 Stow pressure relief valve stuck open due to contamination or otherwise damaged	Adjust relief valve setting. See Systems Descriptions for details. Contact Braun Product Support - replace pump
	<b>3.50 Faulty or Sluggish Operation</b>	4.51 See 2.40	
	<b>3.60 Drifts Excessively Slow (or No Drift)</b>	4.61 See 2.40 and 2.50	
	<b>3.70 Drifts Excessively Fast</b>	4.71 See 2.35, 2.36 and 2.62	

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## Electrical Schematic

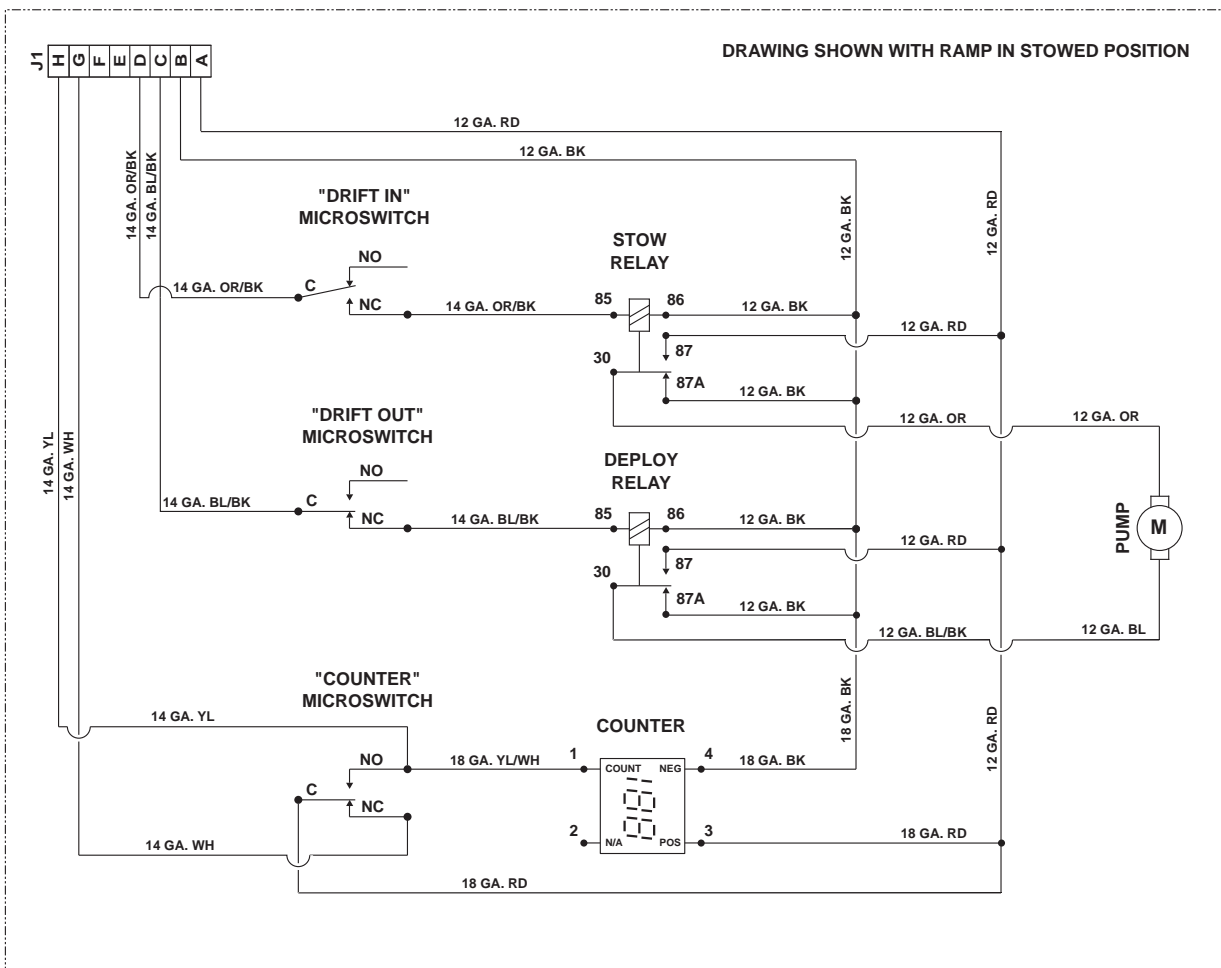
### POWER CONNECTIONS / CONTROL SIGNALS (PROVIDED BY INSTALLER)



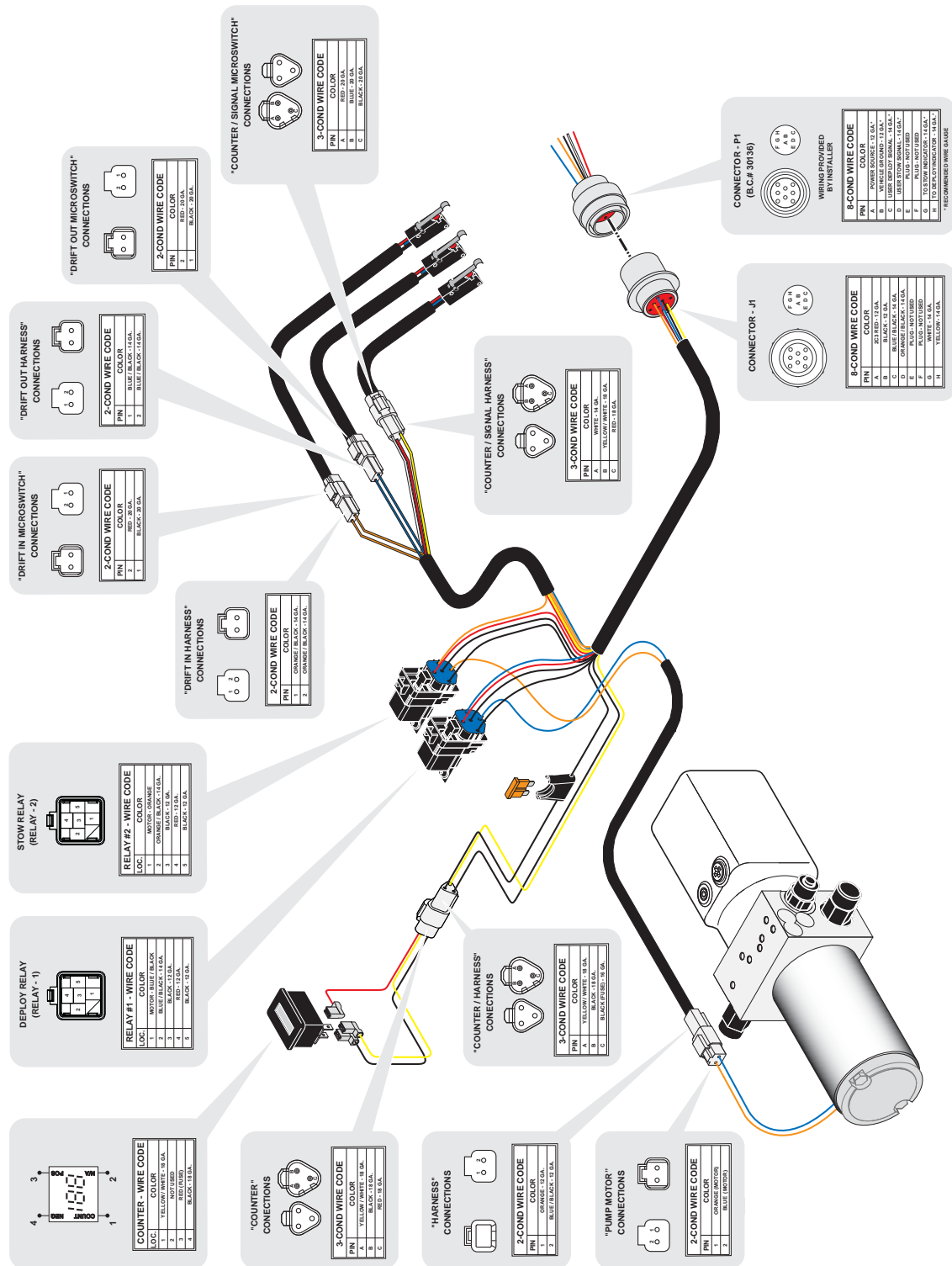
### SYMBOL KEY

DESCRIPTION	SYMBOL
BATTERY	
CHASSIS GROUND	
CIRCUIT PROTECTION DEVICE	
JUNCTION	
MICROSWITCH	
RELAY	
MOTOR	
COUNTER	

## RA300 TRANSIT RAMP ASSEMBLY



## Wiring Diagram

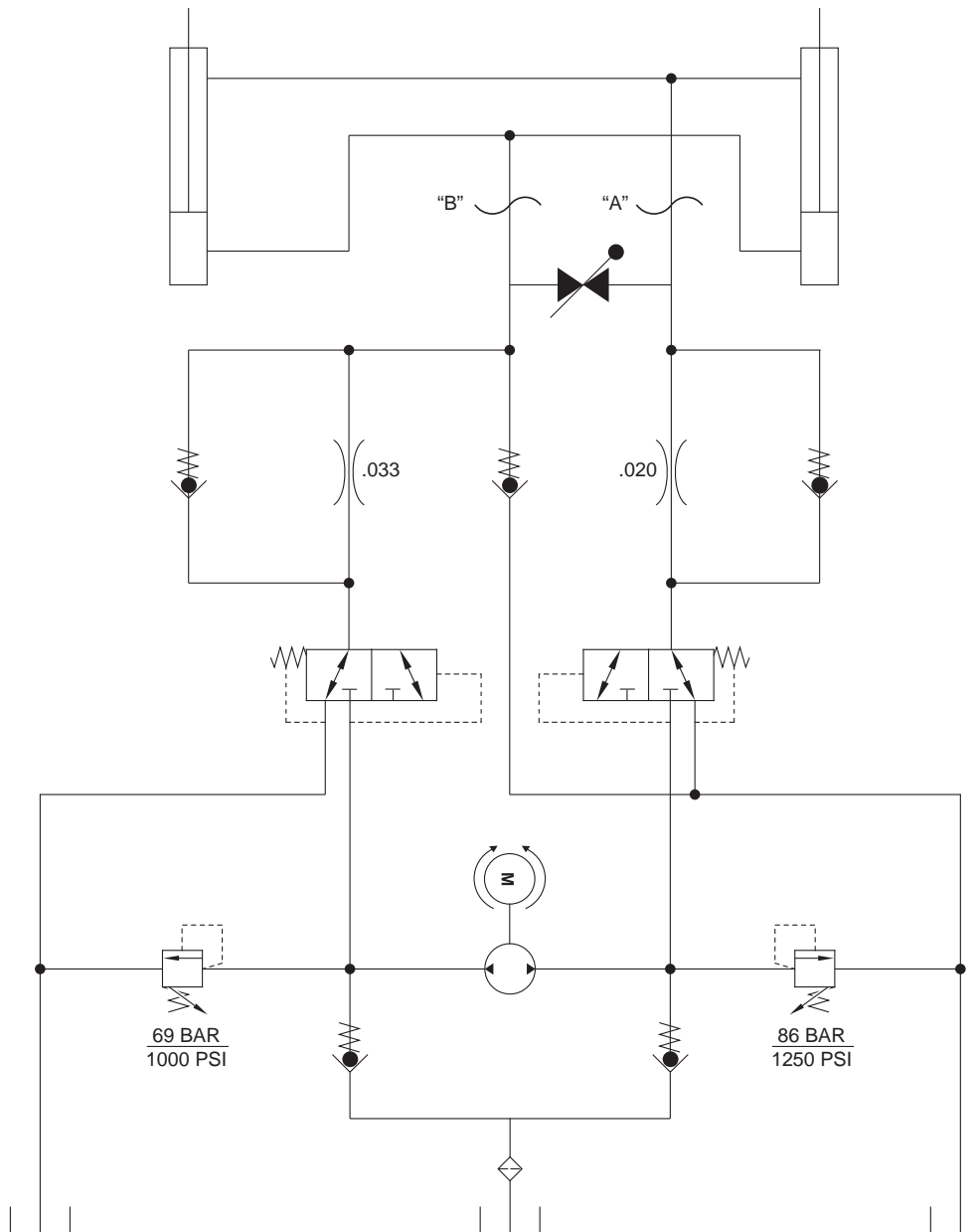




## Hydraulic Schematic

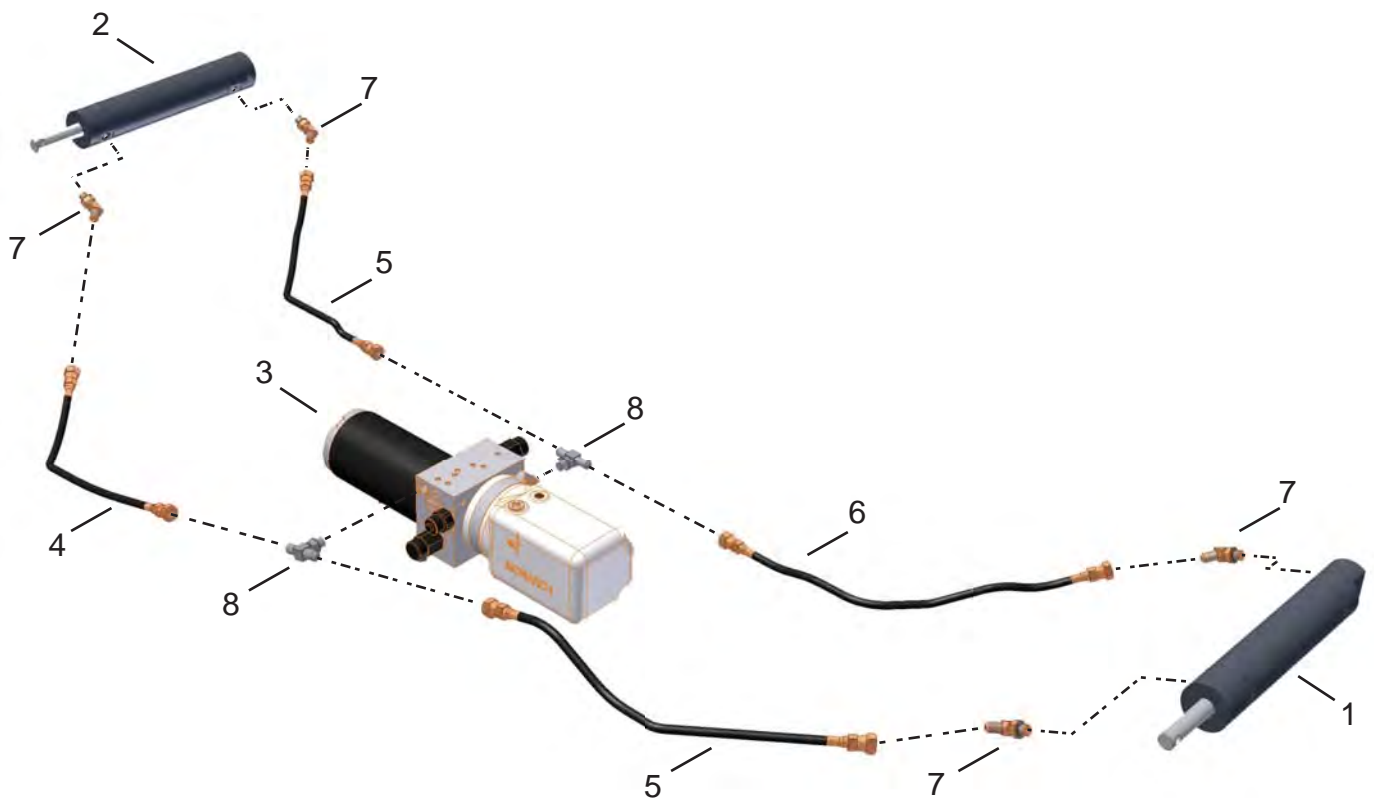
Description	Symbol
Pump, Bidirectional Displacement	
Pump Motor, Bidirectional	
Flow Control Valve	
Fixed Orifice	
3 Way 2 Position Shuttle Valve	

Cylinder, Double Acting	
Relief Valve	
Check Valve	
Hydraulic Port	
Filter Screen	
Reservoir, Vented	



## Hydraulic Diagram and Parts List

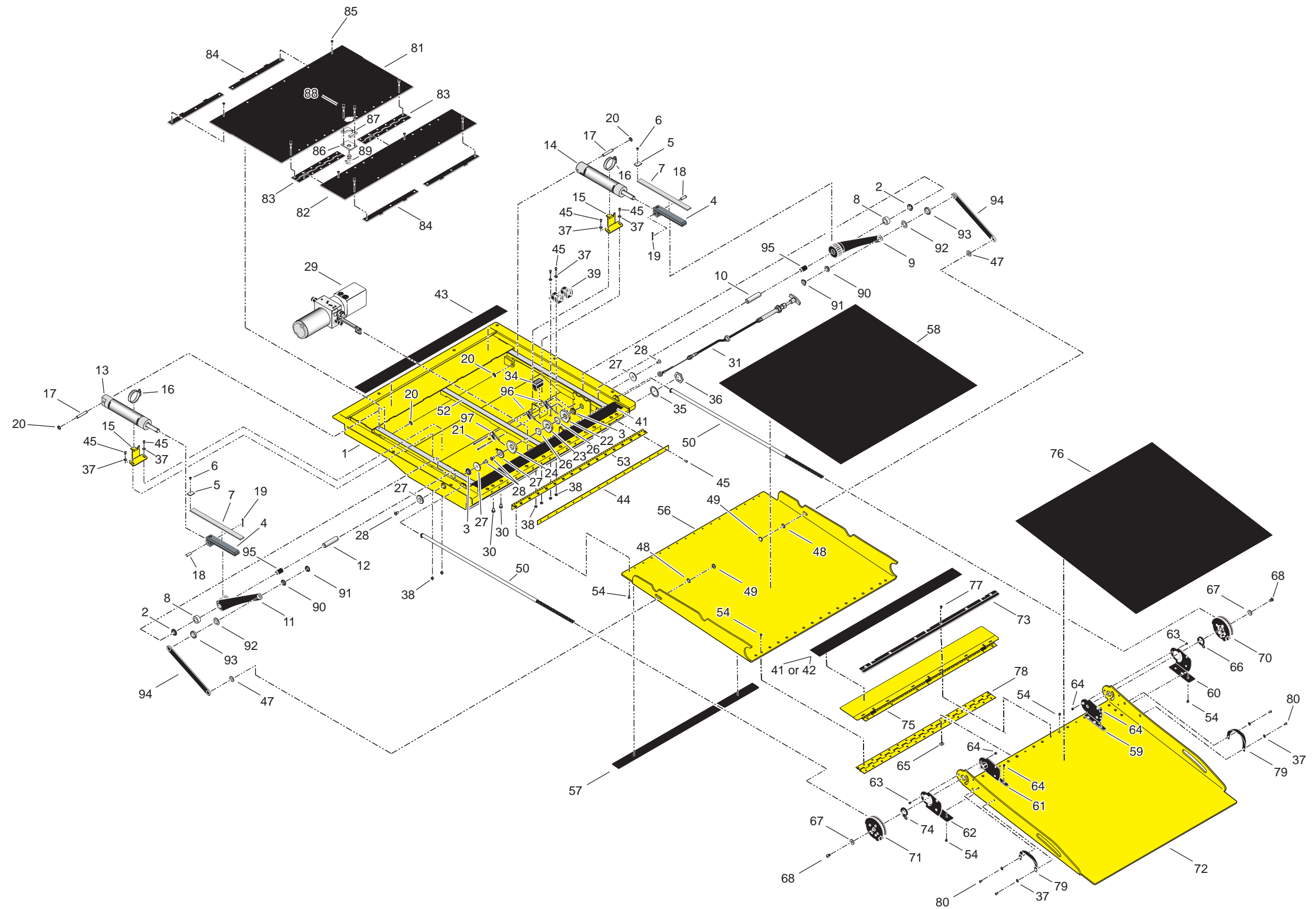
Item	Qty.	Description	Part Number
1	1	Cylinder - 1514.3 - Compact	C1514.3-9801
2	1	Cylinder - 1514.3 - Compact	C1514.3-9901
3	1	Pump - Power Unit - Hydraulic - RA300	35572-12V
4	1	Hose Assembly - 12" - 1/8" Dia - SW/SW	16004A-012
5	2	Hose Assembly - 14" - 1/8" Dia - SW/SW	16004A-014
6	1	Hose Assembly - 15" - 1/8" Dia - SW/SW	16004A-015
7	4	Elbow - 45° - 7/16-20 + 7/16-20 SAE Male O-Ring	24505
8	2	Tee - 7/16 O-Ring BRANCH - 7/16 M. JIC37*	87621



# REPAIR PARTS

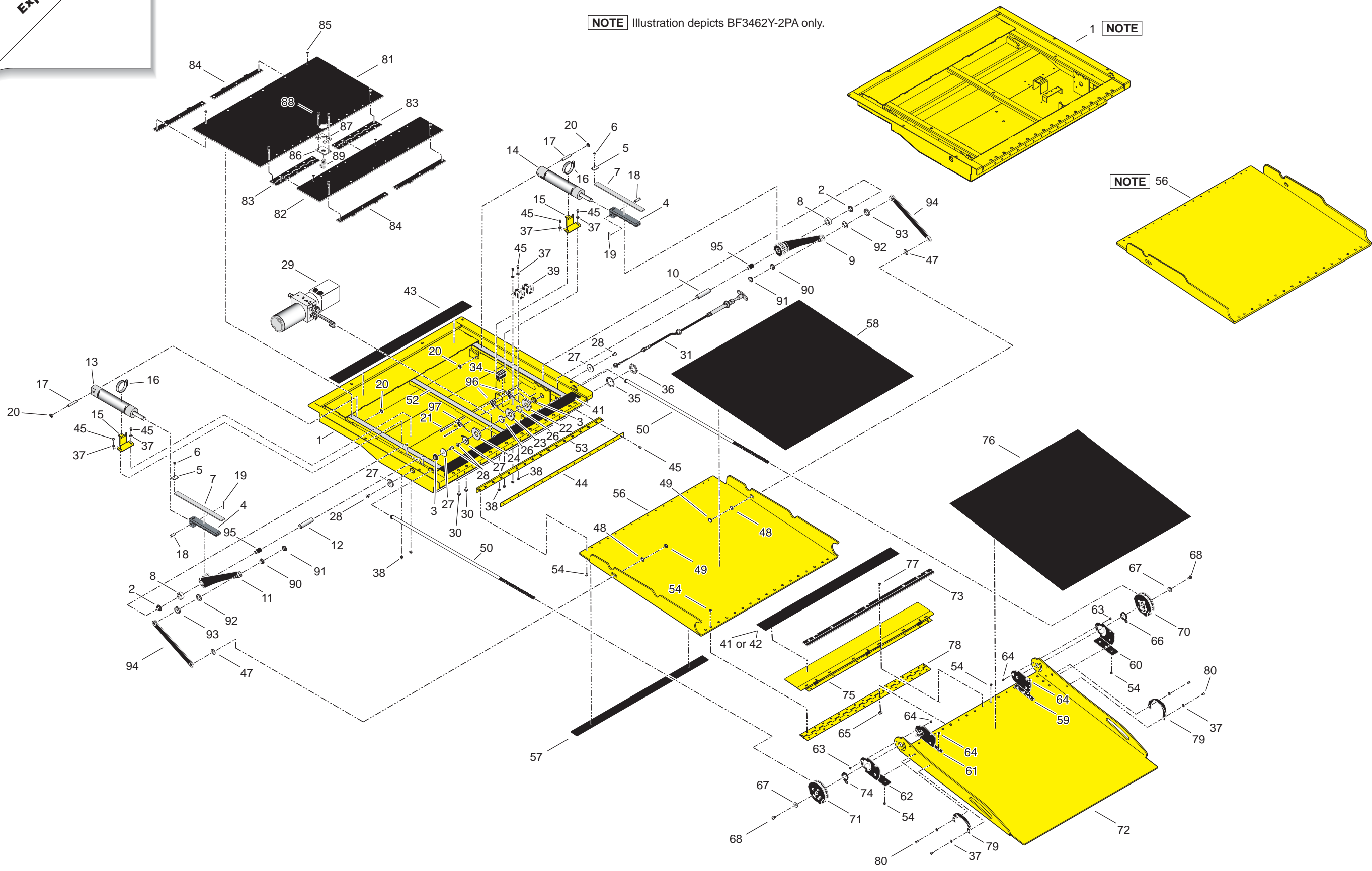
Item	Qty.	Description	BF3248Y-2	BF3255Y-2	BF3455Y-2	
1	1	Pan Weldment	BF48202WY	BF55202WY	BF55205WY	
2	2	Bearing-Flange-3/4" x 3/8"-12FUD06	24011	24011	24011	
3	2	Bearing-Flange-3/4" x 1/4"-12FUD04	24012	24012	24012	
4	2	Gear Rack Weldment	FF00048WBKN	FF00048WBKN	FF00048WBKN	
5	2	Retainer-Gear Rack Bearing-Rear	BF00034	BF00034	BF00034	
6	2	Screw-#10-32 x 3/8" FHSCS SS	36293	36293	36293	
7	2	Bearing-UHMMW-0.875" x 11.75" x 0.125"	36538	36538	36538	
8	2	Spacer-1.25" Od-0.766" Id x 0.53"-UHMMW	36219	36219	36219	
9	1	Assy-Drive Arm-Front Side	BF34261FA	BF34261FA	BF34261FA	
10	1	Shaft-Main Pivot W/Keyway	35389	35389	35389	
11	1	Assy-Drive Arm-Rear Side	BF34261RA	BF34261RA	BF34261RA	
12	1	Shaft-Main Pivot W/Keyway	35400	35400	35400	
13	1	Cylinder-1514.3-Compact Cyl./BF	C1514.3-9801	C1514.3-9801	C1514.3-9801	
14	1	Cylinder-1514.3-Compact Cyl./BF	C1514.3-9901	C1514.3-9901	C1514.3-9901	
15	2	Bracket-Cylinder Mount	BF34205Y	BF34205Y	BF34205Y	
16	2	Clamp-Worm Drive 1.31 x 2.25 x .5	26400	26400	26400	
17	2	Pin-Cylinder Mount	BF00067	BF00067	BF00067	
18	2	Pin-Clevis-5/16 x 1 032" Len-Auto Black	28131	28131	28131	
19	2	Pin-Cotter 1/8 x 1"	12359	12359	12359	
20	4	E Clip-3/8 Shaft	84383	84383	84383	
21	2	Screw-#4-40 x 1 1/2" Rd. Hd.	11485	11485	11485	
22	1	Cam-Micro-Switch Stow Adjust	FF00003	FF00003	FF00003	
23	1	Cam-Micro-Switch Deploy Adjust	BF00076	BF00076	BF00076	
24	1	Cam-Micro Switch Adjust	RA40506	RA40506	RA40506	
* 25	3	Screw-#10-32 x 5/16" Set/Auto-Bk	11562	11562	11562	
26	3	Washer-Thrust-3/4 Id/IGUS	37313	37313	37313	
27	4	Cap-Drive Arm	FF00007	FF00007	FF00007	
28	4	Screw-5/16-18 x 5/8" FHSCS / Blk Oxide	27233	27233	27233	
29	1	Assy-Pump-BF3462Y	BF34400A	BF34400A	BF34400A	
30	2	Bolt-5/16-18 x 1/2" 316 SS Hex	BF00249	BF00249	BF00249	
31	1	Assy-Manual Release Cable	BF34401A	BF34401A	BF34401A	
* 32	5	Mounting Clip-Deutsch DT Series 1011-0	36279	36279	36279	
* 33	5	Riv-Pop-SD64BS-3/16"-13/25/Auto-Bk	11513	11513	11513	
34	1	Cycle Counter-Lcd Without Reset	30547	30547	30547	
35	1	Washer-Lock- DT 114021	30031	30031	30031	
36	1	Nut-Panel- DT 114020-90	30030	30030	30030	
37	10	Washer-#10 Flat/Auto-Bk	11541	11541	11541	
38	6	Nut-#10-32 w/Lockwasher/Auto-Bk	18349	18349	18349	
39	2	Relay-Spdt 35A w/ Brkt-Weatherproof	36275	36275	36275	
* 40	2	CPA-Delphi#12052834	31835	31835	31835	
41	1	Antiskid Tape - 33.5" x 2.25"	35842	35842	35842	
42	1	Antiskid Tape - 31" x 2.25"	30082	30082	30082	
43	1	Antiskid Tape - 33.5" x 5"	-	35843	35843	
44	1	Plate-Hinge Support	BF00013Y	BF00013Y	BF00013Y	
45	22	Screw-#10-32 x 1/2 BHSCS/Auto Black	30375	30375	30375	
* 46	2	Spring-Disc-Stainless-Od .980/ Id .525	35314	35314	35314	
47	2	Washer-Nylon-1/2" Id x 1" Od x 0.040	11913	11913	11913	
48	2	Washer-Nylon- .52" Id x .75" Od x .04"	35463	35463	35463	
49	2	Bolt-Ramp Fold Link-5/16-18	FF00208	FF00208	FF00208	
50	2	Assy-Chain-#35 w/Shrink Tube	BF48088A	BF55088A	BF55088A	
* 51	4	Link-Chain #35	12454	12454	12454	
52	3	Tape-1" Wide S-Face Foam x 23"	82015R023	82015R023	82015R023	
53	1	Hinge-Full Swage-2" x 31"/Pem Nuts	35509PSY	35509PSY	35509PSY	
54	56	Screw-#10-32 x 7/16"-Fhs Auto Black	35385	35385	35385	
* 55	1	Serial Tag Decal Assembly	34048A	34048A	34048A	
56	1	Ramp Platform/Stage 1	BF48285Y	BF55285Y	BF55285Y	
57	1	Tape-Cap-1 1/2" x 31.5"	10416R031.5	10416R031.5	10416R031.5	
58	1	Antiskid Tape - Stage 1	35107	35107	35107	
59	1	Chain Mechanism Weldment-Front Side	BF34221FWBKN	BF34221FWBKN	BF34221FWBKN	
60	1	Plate-Front Side-Chain Mechanism Support	BF34220FBKN	BF34220FBKN	BF34220FBKN	
61	1	Chain Mechanism Weldment-Rear Side	BF34221RWBKN	BF34221RWBKN	BF34221RWBKN	
62	1	Plate-Rear Side-Chain Mechanism Support	BF34220RBKN	BF34220RBKN	BF34220RBKN	
63	6	Screw-#10-32 x 3/8" Fl Hd-Hx Skt /Auto-Bk	24537	24537	24537	
64	12	Nut-#10-32 x 0.20-Cable Retainer	BF00242	BF00242	BF00242	
65	6	Nut-Weld 10-32 x 9/32" Plain Slab Base	30209	30209	30209	
66	1	Spring-Torsion Left-Bifold Ramp	35852	35852	35852	
67	2	Washer-5/16 Flat	10063	10063	10063	
68	2	Screw-5/16-18 x 1/2" Bhsc-Blk/Auto-Bk	26281	26281	26281	
* 69	2	Decal-Danger Keep Clear	81819	81819	81819	
70	1	Assy-Chain Mechanism-Front Side	BF00098FA	BF00098FA	BF00098FA	
71	1	Assy-Chain Mechanism-Rear Side	BF00098RA	BF00098RA	BF00098RA	
72	1	Ramp Platform/Stage 2	BF48286Y	BF55286Y	BF55286Y	
73	1	Cover-Transition Plate	BF32288DS	BF32288DS	BF32288DS	
74	1	Spring - Torsion Right - Bifold Ramp	35853	35853	35853	
75	1	Transition Plate W/Antiskid Tape	BF32287A	BF32287A	BF32287A	
76	1	Antiskid Tape - Stage 2	30083	35107	35107	
77	6	Screw-#10-32 x 7/16" Fhscs Ss/	36294	36294	36294	
78	1	Hinge-2" x 29"-Ss With Pem Nuts/2 Rows	36353PSY	36353PSY	36353PSY	
79	2	Nylon-Strap-Manual Assist	BF00045	BF00045	BF00045	
80	4	Riv-Pop-Sd66bs-3/16"- .25/ .38/Auto-Bk	14993	14993	14993	
81	1	Plate-Pan Cover	BF32110DS	BF32110DS	BF34110DS	
82	1	Plate-Pan Cover	BF32113DS	BF32113DS	BF34113DS	
83	2	Hinge - 2" x 11" - Ss	36363	36363	36363	
84	4	Pan Cover-Mounting/Support Tabs	BF32112DS	BF32112DS	BF32112DS	
85	34	Riv-Pop-Sd64bs-3/16"- .13/ .25	23827	23827	23827	
86	1	Pan Cover-Latch Mount Spacer	BF00112	BF00112	BF00112	
87	1	Pan Cover-Latch Mount	BF00113	BF00113	BF00113	
88	2	Riv-Pop-Ssd 68 Ssbs-3/16"- .376/ .500	23826	23826	23826	
89	1	Latch - Vise Action/ Slot Operated	36248	36248	36248	
90	2	Bearing-Flanged-5/8" Shaft	29754	29754	29754	
91	2	Nut-Pivot-7/16-20, Fold-N-Ramp	29756	29756	29756	
92	2	Bearing-Thrust-3/4" Shaft-1 1/4" Odx1/16	35326	35326	35326	
93	2	Drive Arm-Roller-Uhmmw	FF00015	FF00015	FF00015	
94	2	Drive Arm Link Weldment	BF34201WBKN	BF34201WBKN	BF34201WBKN	
95	2	Bearing Sleeve-3/4" Id-7/8" Od-1 1/4 L	31661	31661	31661	
96	2	Harn-Stow/Deploy Microswitch	BF34002A	BF34002A	BF34002A	
97	1	Harn-Counter/Signal Microswitch	BF34003A	BF34003A	BF34003A	
* 98	1	Harn-Counter Adapter	BF34004A	BF34004A	BF34004A	
* 99	1	Harn-Main Assy	BF34001A	BF34001A	BF34001A	
* 100	1	Parts Package-RA300	BF34264A	BF34264A	BF34264A	

\* Item not shown



EXPLODED VIEW

NOTE Illustration depicts BF3462Y-2PA only.



# REPAIR PARTS

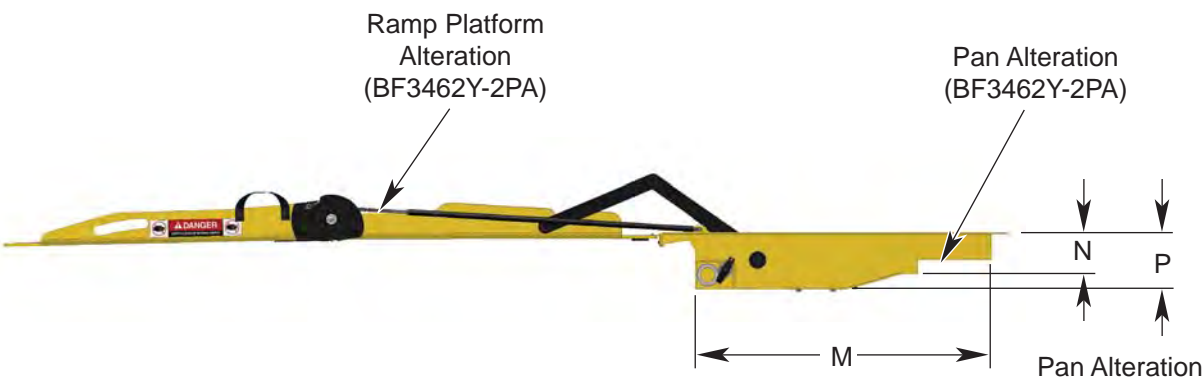
Item	Qty.	Description	BF3262Y-2	BF3462Y-2	BF3462Y-2PA
1	1	Pan Weldment	BF62202WY	BF34202WY	BF34203WY
2	2	Bearing-Flange-3/4" x 3/8"-12FDU06	24011	24011	24011
3	2	Bearing-Flange-3/4" x 1/4"-12FDU04	24012	24012	24012
4	2	Gear Rack Weldment	FF00048WBKN	FF00048WBKN	FF00048WBKN
5	2	Retainer-Gear Rack Bearing-Rear	BF00034	BF00034	BF00034
6	2	Screw-#10-32 x 3/8" FHSCS SS	36293	36293	36293
7	2	Bearing-UHMMW-0.875" x 11.75" x 0.125"	36538	34966	34966
8	2	Spacer-1.25" Od-0.766"Id x 0.53"-UHMMW	36219	36219	36219
9	1	Assy-Drive Arm-Front Side	BF34261FWBKN	BF34261FWBKN	BF34261FWBKN
10	1	Shaft-Main Pivot W/Keyway	35389	35389	35389
11	1	Assy-Drive Arm-Rear Side	BF34261RWBKN	BF34261RWBKN	BF34261RWBKN
12	1	Shaft-Main Pivot W/Keyway	35400	35400	35400
13	1	Cylinder-1514.3-Compact Cyl/BF	C1514.3-9801	C1514.3-9801	C1514.3-9802
14	1	Cylinder-1514.3-Compact Cyl/BF	C1514.3-9901	C1514.3-9901	C1514.3-9902
15	2	Bracket-Cylinder Mount	BF34205Y	BF34205Y	BF34205Y
16	2	Clamp-Worm Drive 1.31 x 2.25 x .5	26400	26400	26400
17	2	Pin-Cylinder Mount	BF00067	BF00067	BF00067
18	2	Pin-Clevis-5/16 x 1.032" Len-Auto Black	28131	28131	28131
19	2	Pin-Cotter 1/8 x 1"	12359	12359	12359
20	4	E Clip-3/8 Shaft	84383	84383	84383
21	2	Screw-#4-40 x 1 1/2" Rd. Hd.	11485	11485	11485
22	1	Cam-Micro-Switch Stow Adjust	FF00003	FF00003	FF00003
23	1	Cam-Micro-Switch Deploy Adjust	BF00076	BF00076	BF00076
24	1	Cam-Micro Switch Adjust	RA40506	RA40506	RA40506
* 25	3	Screw-#10-32 x 5/16" Set/Auto-Bk	11562	11562	11562
26	3	Washer-Thrust-3/4 Id/GUS	37313	37313	37313
27	4	Cap-Drive Arm	FF00007	FF00007	FF00007
28	4	Screw-5/16-18 x 5/8" FHSCS / Blk Oxide	27233	27233	27233
29	1	Assy-Pump-BF3462Y	37313	37313	37313
30	2	Bolt-5/16-18 x 1/2" 316 SS Hex	BF00249	BF00249	BF00249
31	1	Assy-Manual Release Cable	BF34401A	BF34401A	BF34401A
* 32	5	Mounting Clip-Deutsch DT Series 1011-0	36279	36279	36279
* 33	5	Riv-Pop-SD64BS-3/16"- .13/.25/Auto-Bk	11513	11513	11513
34	1	Cycle Counter-Lcd Without Reset	30547	30547	30547
35	1	Washer-Lock- DT 114021	30031	30031	30031
36	1	Nut-Panel- DT 114020-90	30030	30030	30030
37	10	Washer-#10 Flat/Auto-Bk	11541	11541	11541
38	6	Nut-#10-32 w/Lockwasher/Auto-Bk	18349	18349	18349
39	2	Relay-Spdt 35A w/ Brkt-Weatherproof	36275	36275	36275
* 40	2	CPA-Delphi#12052834	31835	31835	31835
41	1	Antiskid Tape - 33.5" x 2.25"	35842	35842 (Qty = 2)	35842 (Qty = 2)
42	1	Antiskid Tape - 31" x 2.25"	30082	-	-
43	1	Antiskid Tape - 33.5" x 5"	-	35843	35843
44	1	Plate-Hinge Support	BF00013Y	BF00013Y	BF00013Y
45	22	Screw-#10-32 x 1/2 BHSCS/Auto Black	30375	30375	30375
* 46	2	Spring-Disc-Stainless-Od .980/ Id .525	35314	35314	35314
47	2	Washer-Nylon-1/2"Id x 1"Od x 0.040	11913	11913	11913
48	2	Washer-Nylon-.52"Id x .75"Od x .04"	35463	35463	35463
49	2	Bolt-Ramp Fold Link-5/16-18	FF00208	FF00208	FF00208
50	2	Assy-Chain-#35 w/Shrink Tube	BF00088A	BF00088A	BF00088A
* 51	4	Link-Chain #35	12454	12454	12454
52	3	Tape-1" Wide S-Face Foam x 23"	82015R023	82015R023	82015R023
53	1	Hinge-Full Swage-2" x 31"/Perm Nuts	35509PSY	35509PSY	35509PSY
54	56	Screw-#10-32 x 7/16"-Fhs Auto Black	35385	35385	35385
* 55	1	Serial Tag Decal Assembly	34048A	34048A	34048A
56	1	Ramp Platform/Stage 1	BF62285Y	BF34285Y	BF62285Y
57	1	Tape-Cap-1 1/2" x 31.5"	10416R031.5	10416R031.5	10416R031.5
58	1	Antiskid Tape - Stage 1	34586	35840	35840
59	1	Chain Mechanism Weldment-Front Side	BF34221FWBKN	BF34221FWBKN	BF34221FWBKN
60	1	Plate-Front Side-Chain Mechanism Support	BF34220FBKN	BF34220FBKN	BF34220FBKN
61	1	Chain Mechanism Weldment-Rear Side	BF34221RWBKN	BF34221RWBKN	BF34221RWBKN
62	1	Plate-Rear Side-Chain Mechanism Support	BF34220RBKN	BF34220RBKN	BF34220RBKN
63	6	Screw-#10-32 x 3/8" FI Hd-Hx Skt /Auto-Bk	24537	24537	24537
64	12	Nut-#10-32 x 0.20-Cable Retainer	BF00242	BF00242	BF00242
65	6	Nut-Weld 10-32 x 9/32" Plain Slab Base	30209	30209	30209
66	1	Spring-Torsion Left-Bifold Ramp	35852	35852	35852
67	2	Washer-5/16 Flat	10063	10063	10063
68	2	Screw-5/16-18 x 1/2" Bhsc-Blk/Auto-Bk	26281	26281	26281
* 69	2	Decal-Danger Keep Clear	81819	81819	81819
70	1	Assy-Chain Mechanism-Front Side	BF00098FA	BF00098FA	BF00098FA
71	1	Assy-Chain Mechanism-Rear Side	BF00098RA	BF00098RA	BF00098RA
72	1	Ramp Platform/Stage 2	BF62286Y	BF34286Y	BF34286Y
73	1	Cover-Transition Plate	BF32288DS	BF34288DS	BF34288DS
74	1	Spring - Torsion Right - Bifold Ramp	35853	35853	35853
75	1	Transition Plate W/Antiskid Tape	BF32287A	BF34287A	BF34287A
76	1	Antiskid Tape - Stage 2	34586	35840	35840
77	6	Screw-#10-32 x 7/16" Fhscs Ss/	36294	36294	36294
78	1	Hinge-2" x 29"-Ss With Perm Nuts/2 Rows	36353PSY	29960PS-2Y	29960PS-2Y
79	2	Nylon-Strap-Manual Assist	BF00045	BF00045	BF00045
80	4	Riv-Pop-Sd66bs-3/16"- .25/.38/Auto-Bk	14993	14993	14993
81	1	Plate-Pan Cover	BF32110DS	BF34110DS	BF34110DS
82	1	Plate-Pan Cover	BF32113DS	BF34113DS	BF34113DS
83	2	Hinge - 2" x 11" - Ss	36363	36363	36363
84	4	Pan Cover-Mounting/Support Tabs	BF32112DS	BF32112DS	BF32112DS
85	34	Riv-Pop-Sd64bs-3/16"- .13/.25	23827	23827	23827
86	1	Pan Cover-Latch Mount Spacer	BF00112	BF00112	BF00112
87	1	Pan Cover-Latch Mount	BF00113	BF00113	BF00113
88	2	Riv-Pop-Ssd 68 Ssbs-3/16"- .376/.500	23826	23826	23826
89	1	Latch - Vise Action/ Slot Operated	36248	36248	36248
90	2	Bearing-Flanged-5/8" Shaft	29754	29754	29754
91	2	Nut-Pivot-7/16-20, Fold-N-Ramp	29756	29756	29756
92	2	Bearing-Thrust-3/4" Shaft-1 1/4"Od x 1/16	35326	35326	35326
93	2	Drive Arm-Roller-Uhmw	FF00015	FF00015	FF00015
94	2	Drive Arm Link Weldment	BF34201WBKN	BF34201WBKN	BF34201WBKN
95	2	Bearing Sleeve-3/4"Id-7/8"Od-1 1/4 L	31661	31661	31661
96	2	Harn-Stow/Deploy Microswitch	BF34002A	BF34002A	BF34002A
97	1	Harn-Counter/Signal Microswitch	BF34003A	BF34003A	BF34003A
* 98	1	Harn-Counter Adapter	BF34004A	BF34004A	BF34004A
* 99	1	Harn-Main Assy	BF34001A	BF34001A	BF34001A
* 100	1	Parts Package-RA300	BF34264A	BF34264A	BF34264A

\* Item not shown

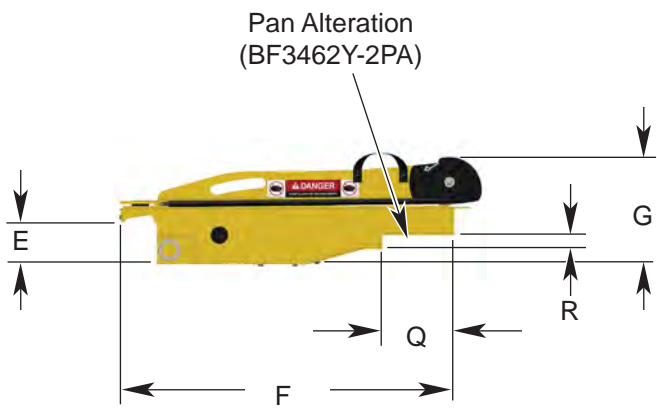


# SPECIFICATIONS and DIMENSIONS

## Specifications - BF3462Y-2PA



## Stowed View Dimensions - BF3462Y-2PA



Specifications

**Power Unit:** Hydraulic Pump Module

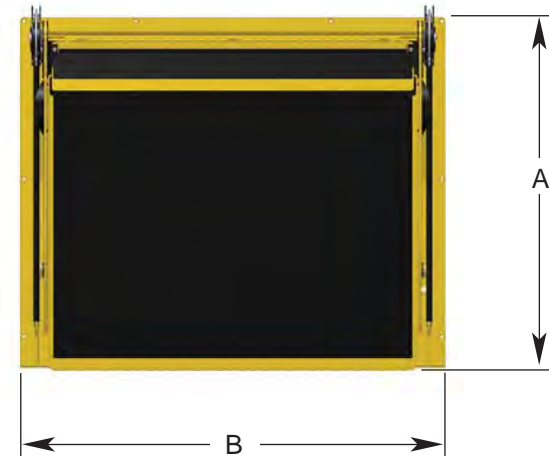
**Voltage:** 12 VDC

**Current:** 30 Amps (Max)

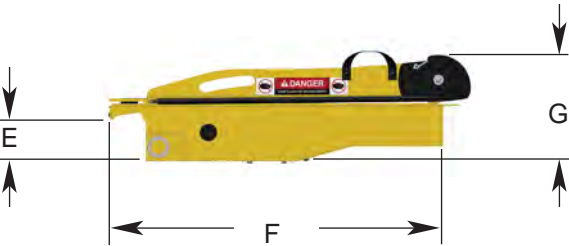
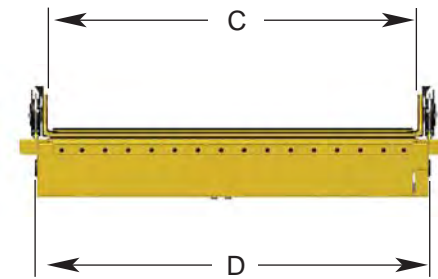
**Inputs Required:** +12 Volt Supply  
(-) Ground  
Ramp "Out" Signal (+)  
Ramp "In" Signal (+)  
Interlock Signal

**Notes:** Mounting holes/brackets per application

Deployed View Dimensions



DIMENSIONS	BF3248Y-2	BF3255Y-2	BF3455Y-2	BF3262Y-2	BF3462Y-2	BF3462Y-2PA
A	27.900"	30.370"	30.370"	33.020"	33.020"	33.020"
B	36.700"	36.700"	38.700"	36.700"	38.700"	38.700"
C	32.125"	32.125"	34.125"	32.125"	34.125"	34.125"
D	33.800"	33.800"	35.800"	33.800"	35.800"	35.800"
E	3.660"	3.660"	3.660"	3.660"	3.660"	3.660"
F	26.600"	29.070"	29.070"	31.720"	31.720"	31.720"
G	9.140"	9.140"	9.140"	9.140"	9.140"	9.140"
H	36.700"	36.700"	38.700"	36.700"	38.700"	38.700"
J	80.060"	87.480"	87.480"	94.920"	94.920"	94.920"
K	32.125"	32.125"	34.125"	32.125"	34.125"	34.125"
L	35.310"	35.310"	37.310"	35.310"	37.310"	37.310"
M	24.730"	25.820"	25.820"	28.470"	28.470"	28.470"
N	3.620"	3.620"	3.620"	3.620"	3.620"	3.620"
P	4.910"	4.910"	4.910"	4.910"	4.910"	4.910"
Q	-	-	-	-	-	8.380"
R	-	-	-	-	-	1.250"



Unfold for:  
RA300 Ramp  
Specifications & Dimensions

BLANK for LAYOUT



# **"Providing Access to the World"**



## **Over 300 Braun Dealers Worldwide**

 **THE BRAUN  
CORPORATION.**  
"Providing Access to the World"



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International Corporate Hdqrs: P.O. Box 310 Winamac, IN 46996 USA  
1-800-THE LIFT® (574) 946-6153 FAX: (574) 946-4670

# Braun Commercial RA300 Transit Ramp

## Braun "Worry-Free" Limited Warranty

The Braun Corporation ("Braun") warrants its ramp against defects in material and workmanship for three years, provided the ramp is installed, operated and maintained in conformity with this manual. Warranted replacement parts are covered until the expiration of the Braun warranty or 90 days, whichever is longer. The Braun warranty covers the cost of labor for any repair or replacement covered under the warranty during the first year of the warranty period, if an approved Braun dealer completes the warranty work.

The warranty registration card accompanying this ramp is to be completed and returned to The Braun Corporation within 20 days of purchase. If Braun receives the warranty card, the warranty period begins on the day the ramp is put into service. If Braun does not receive the warranty card, the parts warranty will expire in three years, and the labor warranty will expire in one year from the manufacture date of the ramp.

The Braun warranty does not cover any defects in the motor vehicle on which the ramp is installed, or defects in the ramp caused by any defect in the motor vehicle. The warranty does not cover work deemed by Braun to be normal maintenance, service, or periodic adjustments necessitated by use or wear. The Braun warranty is null and void if any repair or maintenance work is completed during the warranty period using parts not authorized by Braun or if, as determined solely by Braun, the ramp is damaged through accident, misuse or abuse, or altered in any way.

THIS WARRANTY IS IN LIEU OF ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, PERFORMANCE, OR OTHERWISE, WHICH ARE HEREBY EXCLUDED. IN NO EVENT SHALL BRAUN BE LIABLE FOR ANY DAMAGES, WHETHER DIRECT, IMMEDIATE, INCIDENTAL, FORESEEABLE, CONSEQUENTIAL, OR SPECIAL, ARISING OUT OF OR IN CONNECTION WITH ITS PRODUCT.

To contact Braun or to obtain a list of Braun authorized dealers, call 1-800-THE-LIFT or visit our web site at [www.braunlift.com](http://www.braunlift.com).

The Braun Corporation  
Winamac, Indiana

## Return Authorization Procedure

When processing any warranty claims (parts, repairs, etc.), all requests must be processed through The Braun Corporation Product Support Department. Call 1-800-THE LIFT during normal working hours. Product Support will issue a Return Material Authorization (RMA) number and detail the procedures required for processing returns and/or authorizing credit.

The ramp identification information is provided on the Braun Serial No./Series No. identification tag and the two warranty cards (supplied with ramp). The lift identification information must be provided when filing a warranty claim or ordering parts.



36502 Rev B

March 2012

All illustrations, descriptions and specifications in this manual are based on the latest product information available at the time of publication. The Braun Corporation reserves the right to make changes at any time without notice.

© The Braun Corporation

# **Braun® Limited Warranty**

## **WARRANTY COVERAGE AND WARRANTY COVERAGE TIME PERIODS**

The Braun Corporation ("Braun") warranty covers certain parts of this wheelchair lift for three (3) years or 10,000 cycles and the cost of labor to repair or replace those parts for one (1) year or 3,000 cycles. If The Braun Corporation receives the warranty registration card within 20 days after the lift is put into service, the warranty labor coverage will increase from one (1) year or 3,000 cycles to three (3) years or 10,000 cycles. In addition, providing the warranty registration card is returned as noted above, the following lift's power train parts are warrantied for five (5) years or 15,000 cycles: Cable, Cylinder, Flow Control, Gear Box, Motor, Pump, Hydraulic Hose and Fittings. This limited warranty covers substantial defects in materials and workmanship of the lift, provided that the lift is operated and maintained properly and in conformity with the owner's manual. The warranty period begins 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 only to the first purchaser. It may not be transferred.

## **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 first year of warranty coverage, it will be repaired or replaced, at Braun's option, without charge for parts or labor to the owner, in accordance with the terms, conditions and limitations of this limited warranty. If the substantial defect in material or workmanship, attributable to Braun, is found to exist during the second or third year of warranty coverage, it will be repaired or replaced, at Braun's option, without charge to the owner for parts, only, in accordance with the terms, conditions and limitations of this limited warranty. Providing the warranty card is returned within 20 days as outlined above, the labor warranty period will be extended by two years of coverage in accordance with the terms, conditions, and limitations of this limited warranty. In addition, if a substantial defect in material or workmanship, attributable to Braun, is found to exist during the fourth or fifth year of warranty coverage to the following lift's power train parts: Cable, Cylinder, Flow Control, Gear Box, Motor, Pump, Hydraulic Hose and Fittings, it will be repaired or replaced, at Braun's option, without charge to the owner for parts, only, in accordance with the terms, conditions and limitations of this limited warranty. The cost of labor for repair or replacement at any time after the warranty coverage detailed above is the sole responsibility of the owner.

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.

## **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® Limited Warranty**

**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.
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; 1-800-THE-LIFT, (843-5438).

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.

### **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. These items are usually detected and corrected at the factory or by

## **Braun® Limited Warranty**

a dealer prior to delivery to the purchaser. 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: misuse, neglect, collision, accidents, failure to provide routine maintenance (See Owner's Manual), unauthorized alteration, off road use, Acts of Nature, 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 the 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.

### **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.**

# QRT<sup>®</sup>-1 SERIES



**MAX / DELUXE / STANDARD**  
4-POINT SECUREMENT  
WHEELCHAIR RETRACTORS





# QRT<sup>®</sup>-1 SERIES

## The Securement System That Changed Everything

The original 4-point wheelchair securement system, QRT-1 Series retractors defined the way passenger safety devices are designed and tested.

With a range of 3 different options to fit every need and every budget, the QRT-1 Series of retractors offer easy to use, effective 4-Point securement of wheelchairs for virtually any vehicle application.



### QRT MAX

FULLY AUTOMATIC, premium knobless retractor that allows for one-handed operation.

More than 30 years ago, Q'STRAIT introduced the world's first fully integrated 4-Point wheelchair passenger securement system, now an industry standard the world over.

**The QRT line of retractors are the linchpin of that system.**



Every QRT retractor is fully ADA complaint, and meets or exceeds all standards and regulations, including:

- SAE J2249, ISO 10542,
- FMVSS 209, 302, 210, 222
- CMVSS 209
- CSA Z605
- and 30mph/20g crash testing

## Anchorage Options

All QRT-1 Series Retractors are compatible with L-Track, L-Pockets and Slide 'N Click anchorages, or may be directly mounted to vehicle floors, seat legs or barriers.



### L-TRACK / L-POCKETS

For kits that use L-Track or L-Pocket anchorages, QRT Series retractors feature our patented Positive Lock Indicator (PLI) that clearly indicates when the fitting is locked in the anchorage.

### SLIDE 'N CLICK

For kits that include Slide 'N Click anchorages, QRT Series retractors feature a single-bolt SNC assembly and plunger that allows a full 360° rotation, eliminating anchorage alignment guesswork.

## QRT-1 SERIES FEATURES COMPARISON

	MAX	DLX	STD	
<b>Knobless, One-Handed Operation.</b> No knobs to interfere with wheels and footrests.	●			
<b>Dual Tensioning Knobs.</b> Provides additional tensioning if needed.		●		
<b>Single Tensioning Knob.</b> Provides additional tensioning if needed.			●	
<b>Automatic, Self-Locking.</b> Allows easy, one-handed hook-up.	●	●		
<b>Self-Tensioning.</b> Retractors automatically take up 'slack'.	●	●		
<b>Positive Lock Indicator.</b> Patented feature clearly indicates when fitting is locked in anchorage.	●	●	●	
<b>Interchangeable.</b> Eliminates confusion: no right, left, front or rear locations.	●	●	●	
<b>Low Profile &amp; Compact.</b> Elimination of mounting bracket allows retractors to fit under most footrests.	●	●	●	
<b>Accommodates Larger Wheelchairs.</b> Reduced overall length leaves more room for wheelchairs.	●	●		
<b>Ultra-Durable.</b> Hardened steel and coated zinc for maximum corrosion resistance.	●	●	●	
<b>Universal Design.</b> Accommodates virtually all wheelchair designs, including scooters.	●	●	●	
<b>J-Hook.</b> Reduces twisting of belts and ensures proper securement for all wheelchair designs.	●	●	●	
<b>Foot Release Lever.</b> Easy release eliminates the stress of bending down.	●	●	●	



[WWW.QSTRAINT.COM/QRT-1-SERIES](http://WWW.QSTRAINT.COM/QRT-1-SERIES)

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**Q'STRAIT EUROPE**

72-76 John Wilson Business Park  
Whitstable, Kent, CT5 3QT  
United Kingdom  
Tel: +44 (0)1227 773035  
Fax: +44 (0)1227 770035  
Email: [info@qstraint.co.uk](mailto:info@qstraint.co.uk)

**Q'STRAIT AMERICA**

4031 NE 12th Terrace  
Oakland Park, FL 33334  
Tel: 800-987-9987  
Fax: 954-986-0021  
Email: [qstraint@qstraint.com](mailto:qstraint@qstraint.com)

**Q'STRAIT AUSTRALIA**

Tramanco Pty Ltd.  
21 Shoebury Street,  
Rocklea, Australia, QLD. 4106  
Tel: +61 7 3892 2311  
Fax: +61 7 3892 1819  
Email: [info@tramanco.com.au](mailto:info@tramanco.com.au)



# THANK YOU FOR CHOOSING Q'STRAIT PRODUCTS!

The warranty registration process takes just a few minutes and will require the following information:

- Serial Numbers located on the Warranty Card(s) or Product(s), and
- Your Vehicle(s) information (i.e. VIN, Make, Model and Year)
- Your privacy matters to us! Please [click here to read our privacy policy](#).

## Q'STRAIT'S WARRANTY POLICY

**Limited Warranty:** Q'Strait warrants this product conforms to our manufacturing specifications and is free from defects in materials and workmanship. Q'Strait or its authorized dealer will (at its sole option) repair or replace the defective component(s) free of charge. This warranty does not cover the cost of assembly or disassembly, transportation, labor, or any other incidental costs involved in the removal of a defective part or the installation of the replacement part.

Q'Strait or its authorized dealers reserves the right to inspect the product to verify the claimed defect has not been caused by non-Q'Strait approved maintenance or by foreign particles or substances. This warranty does not apply to defects that result from accident, misuse or abuse, intentional damage, fire, flood, alteration or modification of the product, negligence, exposure, or use of the product in a manner inconsistent with its intended use.

### Product Coverage

#### 5 Years\*

Q'POD (US), QRT-360 (US), QRT-350 (UK), QRT-550 (UK)

#### 3 Years\*

QRT MAX, QRT Deluxe, QLK-150 and The Q'UBE (US)

#### 2 Years\*

QRT Standard, Q-5000, M-Series, QLK-100 (US), QLK-110 (UK)  
(with proof of maintenance performed by a Q'Strait authorized dealer)

#### 1 Year

All other Systems, Products & Accessories

*\*Only valid if product is registered with Q'Straint. Otherwise, a one (1) year warranty applies to all products. Products must be installed by authorized Q'Straint dealer.*



**MODEL 1 COMMERCIAL VEHICLES**

9225 Priority Way W. Dr.

Suite 300

Indianapolis, IN 46240

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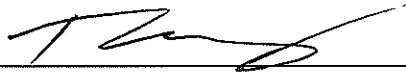
**Letter of Authorization**

**July 1, 2023**

To Whom It May Concern:

Model 1 Commercial Vehicles, Inc. dba Creative Bus Sales, Inc., located at 9225 Priority West Way Drive, Suite 300, Indianapolis, IN 46240, hereby authorizes Nicholas (Nick) R. Corley, Transit Bid Manager, to act as an authorized signer on behalf of Model 1 Commercial Vehicles, Inc. for binding contracts with your organization.

If further information is needed, please feel free to contact me.



---

T.J. Matijevich, Vice President  
Model 1 Commercial Vehicles, Inc.  
800-326-2877  
[TJ@creativebussales.com](mailto:TJ@creativebussales.com)



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/3/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION** IS **WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Woodruff-Sawyer & Co. 2 Park Plaza, Suite 500 Irvine CA 92614	<b>CONTACT</b> <b>NAME:</b> Audrey Curtis <b>PHONE</b> (A/C, No, Ext): 949-435-7345 <b>FAX</b> (A/C, No): <b>E-MAIL</b> <b>ADDRESS:</b> certificates@woodruffsawyer.com
<b>INSURED</b> Model 1 Commercial Vehicles, Inc. 14740 Romono Ave. Chino, CA 91710	<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> Zurich American Insurance Company <b>INSURER B:</b> Landmark American Insurance Company <b>INSURER C:</b> Everest Indemnity Insurance Company <b>INSURER D:</b> Endurance American Insurance Company <b>INSURER E:</b> <b>INSURER F:</b>
License#: 0329598 CREABUS-01	<b>NAIC #</b> 16535 33138 10851 10641

**COVERAGES****CERTIFICATE NUMBER:** 1797589642**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			GLO038187408	7/1/2023	7/1/2024	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
A	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			GP038180308	7/1/2023	7/1/2024	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Comp/Collision \$1,000
B	<input type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			LHA103172	7/1/2023	7/1/2024	EACH OCCURRENCE \$2,000,000 AGGREGATE \$2,000,000 \$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/>	N/A	WC038095408	7/1/2023	7/1/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
C D A	Excess Liability Excess Liability Garagekeepers Legal			XC1EX00558-231 ELD30021915101 GP038180308	7/1/2023 7/1/2023 7/1/2023	7/1/2024 7/1/2024 7/1/2024	Occ/Agg Occ/Agg Limit: \$3,000,000 \$4,000,000 \$1,000,000

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES** (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Dealers Inventory  
Policy Number: QT6305R702920TIL23  
Carrier: Travelers Casualty Insurance Company of America NAIC: 19046  
Effective: 7/1/2023 Expiration: 7/1/2024  
Limit: \$264,372,516

**CERTIFICATE HOLDER****CANCELLATION**

Creative Bus Sales, Inc.  
14740 Ramona Ave.  
Chino, CA 91710

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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**MODEL 1 COMMERCIAL VEHICLES**

9225 Priority Way W. Dr.

Suite 300

Indianapolis, IN 46240

## Statement of Financial Stability

Model 1 Commercial Vehicles, Inc. has been operating in the bus industry for over 40 years. The Company is the nation's largest dealer offering a wide range of products from over 20 top commercial vehicle and school bus manufacturers.

Model 1 Commercial Vehicles, Inc. has a long history of fulfilling similar contracts with other transportation agencies and government procurement offices in states across the country.

Model 1 Commercial Vehicles, Inc. has been profitable every year since its inception. The Company continues to be financially solvent and practices a conservative expansion plan.

Model 1 maintains the largest inventory in the nation and possesses the expertise and necessary equipment to provide adequate support to any vehicle fleet. The Company has multiple long-term inventory finance resources enabling it to carry sufficient inventory to fulfill the requirements of this contract.

Our financial statements are audited by an external CPA firm - and are available upon request. If you need any further information, please do not hesitate to contact me.

**J.R. Sauder**  
**Sr. Vice President**



# Kentucky Secretary of State

## Michael G. Adams

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## MODEL 1 COMMERCIAL VEHICLES, INC.

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### General Information

<b>Organization Number</b>	1246172
<b>Name</b>	MODEL 1 COMMERCIAL VEHICLES, INC.
<b>Profit or Non-Profit</b>	P - Profit
<b>Company Type</b>	FCO - Foreign Corporation
<b>Status</b>	A - Active
<b>Standing</b>	G - Good
<b>State</b>	IN
<b>File Date</b>	12/8/2022
<b>Organization Date</b>	6/24/2022
<b>Authority Date</b>	12/8/2022
<b>Last Annual Report</b>	6/15/2023
<b>Principal Office</b>	C/O MICHELLE WALKER 9365 COUNCELORS ROW SUITE 112 INDIANAPOLIS, IN 46240



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Kentucky Unbridled Spirit

# Request for Taxpayer Identification Number and Certification

Give Form to the  
requester. Do not  
send to the IRS.

► Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. <b>MODEL 1 COMMERCIAL VEHICLES, INC.</b>	
	2 Business name/disregarded entity name, if different from above <b>CREATIVE BUS SALES, INC.</b>	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only <b>one</b> of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► <b>Note:</b> Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is <b>not</b> disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ►	
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) <b>5</b> Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>	
	5 Address (number, street, and apt. or suite no.) See instructions. <b>9225 PRIORITY WAY WEST DRIVE, SUITE 300</b>	Requester's name and address (optional)
	6 City, state, and ZIP code <b>INDIANAPOLIS, IN 46240</b>	
	7 List account number(s) here (optional)	

## Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
			-				-		
or									
Employer identification number									
3	3		-	0	3	8	8	7	0

## Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ► <i>Mary Feitz</i>	Date ► January 16, 2024
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## General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

## Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
  - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
  - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
  - Form 1099-S (proceeds from real estate transactions)
  - Form 1099-K (merchant card and third party network transactions)
  - Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
  - Form 1099-C (canceled debt)
  - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.
- If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

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IN THIS SECTION




Related Links

- [Transit Vehicle Manufacturers \(TVMs\)](#)
- [Transit Vehicle Award Reporting Form](#)

Contact Us

Office of Civil Rights  
Federal Transit Administration  
1200 New Jersey Avenue, SE  
Washington, DC 20590  
United States

**Phone:** [888-446-4511](tel:888-446-4511)   
**Business Hours:**  
8:30am-5:00pm ET, M-F

If you are deaf, hard of hearing, or have a speech disability, please dial 7-1-1 to access telecommunications relay services.

Eligible Transit Vehicle Manufacturers

DBE regulations require FTA recipients to report transit vehicle procurement awards (49 CFR 26.49). Since November 2014, FTA grantees have been required to submit, within 30 days of making an award, the name of the successful bidder and the total dollar value of the contract. Only eligible TVMs may bid on FTA-assisted transit vehicle procurements. Transit vehicle manufacturers that have submitted a goal methodology to FTA that has been approved, or has not been disapproved, at the time of solicitation are eligible to bid (49 CFR 26.49(a)(1)). To remain eligible, TVMs must submit their DBE goal methodology to FTA by August 1 of each year. The following is a list of eligible TVMs:

Transit Vehicle Manufacturer	Address	FY2024 DBE Goal %	DBE Liaison Officer/ Email
A and J Vans, Inc.*	333 West Washington Street Valders, WI	2.09%	<a href="#">Travis Pfile</a>
ABC Bus, Inc.*	17469 West Colonial Drive Winter Garden, FL 34787	0.99%	<a href="#">Brian Nelson</a>
Advanced Wheels of Technology, Inc.*	33 Bradley Park Road P.O. Box 908 East Granby, CT	1.20%	<a href="#">Ed Basile</a>
Alexander Dennis*	31566 Railroad Canyon Road, Suite 342 Canyon Lake, CA	2.50%	<a href="#">Judy Lovitt</a>
Alstom Transportation, Inc.*	1 Transit Drive Hornell, NY	3.74%	<a href="#">James "JD" Daniel</a>

Transit Vehicle Manufacturer	Address	FY2024 DBE Goal %	DBE Liaison Officer/ Email
ARBOC Specialty Vehicles, LLC*	51165 Greenfield Parkway Middlebury, IN	1.00%	<a href="#">Tyler Reist</a>
Blue Bird Body Company*	422 Blue Bird Boulevard Fort Valley, GA	1.10%	<a href="#">Jan Newman</a>
Braun Corporation*	631 W. 11th Street Winamac, IN	7.00%	<a href="#">Ken Morgel</a>
Brookville Equipment Corporation*	175 Evans Street Brookville, PA	3.29%	<a href="#">Haley Blazosky</a>
BYD Coach and Bus LLC d/b/a RIDE Coach and Bus*	888 East Walnut St., Suite 200B Pasadena, CA	2.50%	<a href="#">Enid Santiago</a>
CAD Railway Industries Ltd.*	155 Montreal-Toronto Boulevard Lachine, QC	7.42%	<a href="#">Mikael Levy</a>
CAF USA, Inc.*	1401 K Street NW, Suite 1003 Washington, DC	6.28%	<a href="#">Tonia Crosby</a>
Coach & Equipment Manufacturing Corporation*	130 Horizon Park Drive P.O. Box 36 Penn Yan, NY	2.20%	<a href="#">Carl Birx</a>
Complete Coach Works*	1863 Service Court Riverside, CA	1.00%	<a href="#">Amber Lindsey</a>
CRRC MA Corporation*	108 Myrtle Street, 3rd Floor Quincy, MA	2.46%	<a href="#">Jing Jing</a>
CRRC Sifang America, Inc.*	13535 S. Torrence Avenue Chicago, IL	2.89%	<a href="#">Scott Burnley</a>
DCCCA1, Inc.*	70 Hegenberger Road Oakland, CA	1.88%	<a href="#">Dean C. Hurst, P.E.</a>
Diamond Acquisition, LLC d/b/a Diamond Coach*	2300 West 4th Street P.O. Box 489 Oswego, KS	1.00%	<a href="#">Brady Bates</a>
Driverge Vehicle Innovations (Formerly TransitWorks, LLC)*	1090 West Wilbeth Road Akron, OH	0.74%	<a href="#">Ken Richards</a>
EIDorado National California, Inc.*	9670 Galena Street Riverside, CA	2.53%	<a href="#">Antonio Diaz</a>
Endera Automotive, LLC*	804 N. Pratt Street Ottawa, OH	1.86%	<a href="#">Kevin Hernandez</a>
Fenton Mobility Products, Inc.*	26 Center Street Randolph, NY	0.26%	<a href="#">Scott Fenton</a>
Forest River Bus: Elkhart Coach*	2367 Century Drive Goshen, IN	2.00%	<a href="#">Donall Hasty</a>
Forest River Bus: Glaval Bus*	2367 Century Drive Goshen, IN	2.00%	<a href="#">Donall Hasty</a>

Transit Vehicle Manufacturer	Address	FY2024 DBE Goal %	DBE Liaison Officer/ Email
Forest River Bus: Starcraft/StarTrans Bus*	2367 Century Drive Goshen, IN	2.00%	<a href="#">Donall Hasty</a>
Forest River: Champion Bus*	2367 Century Drive Goshen, IN	2.00%	<a href="#">Donall Hasty</a>
Forest River: Eldorado-KS*	2367 Century Drive Goshen, IN	2.00%	<a href="#">Donall Hasty</a>
Forest River: Van*	2367 Century Drive Goshen, IN	2.00%	<a href="#">Donall Hasty</a>
Forest River: Mobility Trans*	2367 Century Drive Goshen, IN	2.00%	<a href="#">Donall Hasty</a>
FR Conversions, Inc.*	1231 Tech Court Wesminster, MD	0.23%	<a href="#">Jeff Shay</a>
Gillig, LLC*	451 Discovery Drive Livermore, CA	0.70%	<a href="#">Chris Turner</a>
Gomaco Corporation*	121 East Highway 175 Ida Grove, IA	2.13%	<a href="#">Troy Kruse</a>
High Level Enterprises*	28767 Holiday Place Elkhart, IN	3.79%	<a href="#">Creasy McKinzie</a>
Higher Power Industries*	940 Nepperhan Avenue Yonkers, NY	2.22%	<a href="#">Darci Fuller</a>
Hitachi Rail STS USA Inc.*	Hitachi Rail STS USA Pittsburgh, PA	4.00%	<a href="#">Gerhard Leitner</a>
Hometown Manufacturing, Inc.*	750 Industrial Park Way Crandon, WI	4.00%	<a href="#">Jessica Donek</a>
Hyundai Rotem USA*	1300 Virginia Drive, Suite 103 Fort Washington, PA	5.30%	<a href="#">Vincent Kim</a>
Ilderton Conversion*	701 S. Main Street High Point, NC	1.00%	<a href="#">Odell McBride</a>
Kawasaki Rail Car, Inc.*	29 Wells Avenue, Building 4 Yonkers, NY	7.77%	<a href="#">Rachel Taylor</a>
Kiepe Electric, Inc.*	359 Curie Drive Alpharetta, GA	2.25%	<a href="#">Noel D'Sa</a>
KINKISHARYO International*	1960 E Grand Avenue, Suite 1210 El Segundo, CA	6.00%	<a href="#">Socorro Felix</a>
Letenda*	1262 chemin du Coteau-Rouge Longueuil, QC, J4K 1X6, Canada	1.20%	<a href="#">Carlos Andrade</a>
Lightning eMotors	815 14th Street SW Denver, CO	0.92%	<a href="#">Ramelle Gilliland</a>
Master's Specialty Vehicles, LLC*	800 Quick Trip Way Belton, MO	0.01%	<a href="#">Rita Luukkone</a>

Transit Vehicle Manufacturer	Address	FY2024 DBE Goal %	DBE Liaison Officer/ Email
Matthews Specialty Vehicles*	211 American Avenue Greensboro, NC	1.00%	<a href="#">Maegan Demkowski</a>
Midway Specialty Vehicles, LLC*	2940 Dexter Drive Elkhart, IN	8.34%	<a href="#">Mike R. Violi</a>
Midwest Bus Corporation*	1940 West Stewart Street Owosso, MI	0.67%	<a href="#">Julita E. Velasco</a>
Mitsubishi Heavy Industries America, Inc.*	630 Fifth Avenue, Suite 2650 New York, NY	2.00%	<a href="#">Michael Ang</a>
MotivePower, Inc.*	2901 East Lake Road Bldg. 14-222 Boise, ID	3.00%	<a href="#">Thomas J. Salva</a>
Motor Coach Industries*	200 E. Oakton Street Des Plaines, IL	3.38%	<a href="#">Darrin Smith</a>
National Van Builders, Inc.*	80 Pine Street Attleboro, MA	1.50%	<a href="#">Glen Perlman</a>
New England Wheels*	33 Manning Road Billerica, MA	0.60%	<a href="#">Judy Walcott</a>
New Flyer of America*	711 Kernaghan Avenue Winnipeg, Manitoba	3.61%	<a href="#">Darrin Smith</a>
Nova Bus*	260 Banker Road Plattsburgh, NY	1.70%	<a href="#">Julie Laplante</a>
Oceaneering*	5875 N. Sam Houston Pkwy. W., Suite 400 Houston, TX	1.49%	<a href="#">Adam Hadaway</a>
Optimal EV*	47802 West Anchor Court Plymouth, MI	0.87%	<a href="#">Toni Nayback</a>
PrimeTime Specialty Vehicles, Inc.*	56616 Elk Park Drive Elkhart, IN	1.00%	<a href="#">Bradley R. Moore</a>
Progress Rail Locomotive*	1600 Progress Drive Albertville, AL	2.10%	<a href="#">Brandy Plunkett</a>
Phoenix Motor Inc.*	1 Whitlee Court Greenville, SC	1.00%	<a href="#">David Wente</a>
Siemens Mobility, Inc.*	7464 French Road Sacramento, CA	6.41%	<a href="#">Michelle Picard</a>
Stadler US, Inc.*	5880 West 150 South Salk Lake City, UT	1.81%	<a href="#">Justin Banks</a>
Sumitomo Corporation of Americas*	9500 W. Bryn Mawr Avenue, Suite 400 Rosemont, IL	6.08%	<a href="#">Shunsuke Takaya</a>
Sunset Vans, Inc.*	8851 Lakewood Boulevard Downey, CA	1.47%	<a href="#">Chris Perez</a>
Talgo, Inc.*	3533 N 27th Street Milwaukee, WI	1.21%	<a href="#">Nicolas Lopez</a>



Transit Vehicle Manufacturer	Address	FY2024 DBE Goal %	DBE Liaison Officer/ Email
TCI Mobility*	230 Bossardsville Road PO Box 252 Sciota, PA	0.18%	<a href="#">Steven Hoffman</a>
Thomas Built Buses, Inc.*	1408 Courtesy Road High Point, NC	3.00%	<a href="#">Daoud Chaaya</a>
Turtle Top*	67819 State Road 15 New Paris, IN	0.20%	<a href="#">Matthew Gaff</a>
Van Hool Company*	Benard Van Hoolstratt 58 2500 Lier (Koningshooikt), Belgium Morristown, TN	1.00%	<a href="#">Jeff Madura</a>
Vicinity Motor Corp (Formerly Grande West Transportation International Ltd)*	3168 262nd Street Aldergrove BC, Canada	1.00%	<a href="#">Gregory Brumbill</a>
Wabtec Transportation System, LLC*	2901 East Lake Road, Bldg. 14-222 Erie, PA	3.00%	<a href="#">Thomas J. Salva</a>
Woojin IS America, Inc.*	12521 McCann Drive Santa Fe Springs, CA	3.47%	<a href="#">Sharon Peck</a>

\*Goal methodology has been submitted and is pending review by FTA. The TVM is eligible to bid on FTA-assisted procurements.

Last updated: Friday, March 1, 2024

U.S. DEPARTMENT OF TRANSPORTATION

Federal Transit Administration

1200 NEW JERSEY AVENUE, SE

WASHINGTON, DC 20590

202-366-4043

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U.S. Department  
Of Transportation  
**Federal Transit  
Administration**

Headquarters  
East Building, 5th Floor, TCR  
1200 New Jersey Avenue, SE  
Washington, DC 20590

January 16, 2024

Ken Morgal  
Braun Corporation  
631 W. 11th Street  
Winamac, Indiana 46996

Re: Notice of Eligibility to Bid on FTA-Assisted Transit Vehicle Procurements in FY 2024

Dear Mr. Morgal:

This letter is to inform you that the Federal Transit Administration's (FTA) Office of Civil Rights has received Braun Corporation FY2024 Disadvantaged Business Enterprise (DBE) goal and methodology for the period of October 1, 2023–September 30, 2024. This goal submission is required by the U.S. Department of Transportation's DBE regulations at 49 CFR Part 26 and must be implemented in good faith.

FTA is currently reviewing your firm's DBE goal methodology and anticipates completing its review by late March 2024. You will be notified when our review is complete. Pursuant to 49 CFR 26.49(a)(1), your firm is eligible to bid on FTA-assisted transit vehicle procurements in FY 2024 pending FTA's review. During the review process you must continue to implement your DBE program in good faith.

**You may provide this letter to certify compliance with 49 CFR Part 26 for purposes of bidding on FTA-assisted transit vehicle procurements in FY 2024.** FTA has also included your firm in the Eligible TVMs List on its website. If you have any questions, please contact the FTA DBE Team via email at [FTATVMSubmissions@dot.gov](mailto:FTATVMSubmissions@dot.gov).

Sincerely,

*Andrew Mertens*

Andrew Mertens  
Program Manager  
FTA Office of Civil Rights



## PRICE PROPOSAL

Prepared for

**[Lexington Fayette Urban  
County Government]**

### CONTACT

Date Issued: **[3/28/2024]**

Name: **[Chris Yarber]**

Phone: **[615-618-5370]**

Email: **[CYarber@model1.com]**

2023

# BRAUNABILITY

Toyota Sienna

\$70,679.00



Whether you need to fill a spot in your fleet or create an entirely new vehicle, your Model 1 experts have a single top priority: *you*. With a clear understanding of your needs, we find ways to deliver — starting with deep relationships all the way back at the manufacturer level. And with the nation's largest inventory of commercial vehicles, you'll never be short on the best choices to make for your business.

#### SALES EXPERIENCE

550+ Years of Collective Bus  
Sales Experience Servicing Over  
1,500 Customers Annually

#### COMPETITIVE PRICING

Volume Discounts  
Fixed Contract Pricing

#### IN-HOUSE FINANCING

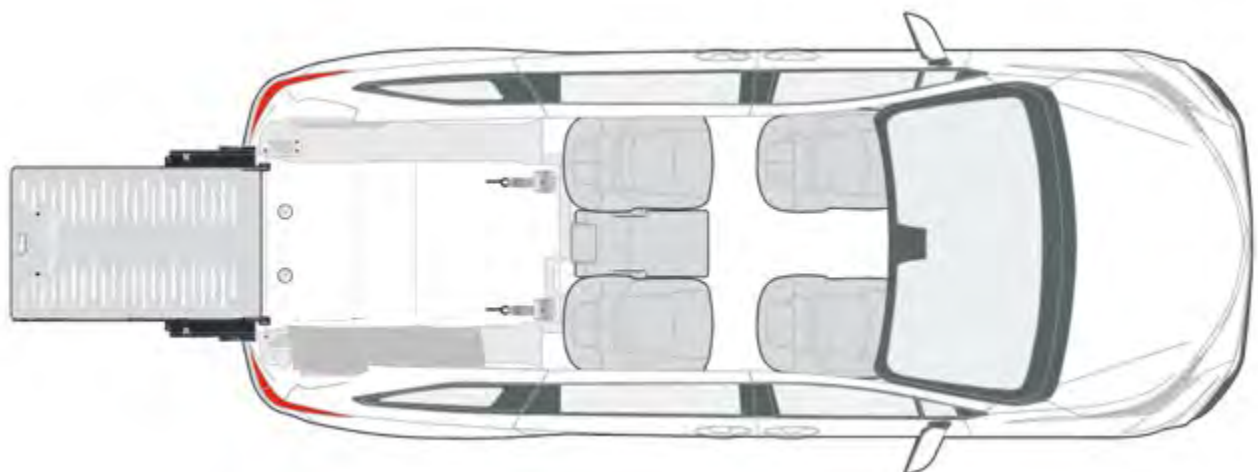
Seamless Transactions  
Flexible Solutions

#### NATIONWIDE NETWORK

21 Full-Service Locations  
Nationwide Partners with  
25+ Top Manufacturers



## IMAGES & FLOORPLAN





# SPECIFICATIONS

## CHASSIS

- 2023 Toyota Sienna
- Engine: 2.5 Liter 4 Cylinder Hybrid
- Transmission: CVT
- Drive: FWD
- Fuel Type: Gas
- Fuel Tank: 18 gallons OEM

## EXTERIOR

- Exterior Color: White
- Lowered Floor Length: 60"
- Usable Floor Length (with ramp stowed): 56"
- Track to Ramp Spacing: 53"
- Lowered Floor Width: 33.25"
- Ramp Width (Usable clear opening): 32.25"
- Ramp Angle (Unloaded): 12.8°
- Ramp weight capacity: 1,000 lbs
- Ramp Length: 45"
- Ground Clearance at Front Running Board: 5"
- Ground Clearance at Rear Frame: 5.19"
- Wheelchair Location Interior Height: 57.5"
- Entrance Height: 56"
- Overall Vehicle Height (with hatch closed): 78"
- Passenger side sliding door
- Custom running boards, full length on both sides
- Manual liftgate

## INTERIOR

- ADA Commercial Flooring
- Custom-fitted WeatherTech mats
- Emergency exit release for rear hatch

## LIGHTING

- ADA-compliant ramp and door entrance lighting

## ELECTRICAL

- Auxillary wiring harness include fused circuits
- ADA-compliant park interlock
- Back-up Alarm

## WHEELCHAIR ACCESSIBILITY

- Manual swing Simple Stow ramp
- ADA commercial flooring
- Wheelchair securement tie-downs – Front - Q'Straint QER electronic retractors, Rear - Q'Straint QRT Deluxe retractors

## ACCESSORIES

- DOT Package: 5 lb Fire Extinguisher, First Aid Kit, Triangle Flare Kit, Body Fluid Kit

## PASSENGER SEATING OPTIONS

- 4 Ambulatory, 1 Wheelchair (including co-pilot)

## SEATING

### Passenger Seating

- 2 OEM driver and co-pilot seats
- Premium Black Cloth, Powered
- 3 Passenger OEM 2nd row bench seat





## WARRANTY MODEL 1

Manufacturer Warranty	Basic ..... 36 month/36,000 miles
	Corrosion ..... 60 month/100,000 miles
Chassis Warranty	Basic ..... 36 month/36,000 miles
	Powertrain ..... 60 month/unlimited mileage
	Corrosion Perforation ..... 60 month/unlimited mileage

All vehicles come with warranty, but Model 1 offers more value without the added cost.

Our coverage and support come with each of our new vehicles – *standard*.

### **WE PROCESS ALL THE WARRANTY REGISTRATIONS**

We register all of your bus parts for you, no more pesky warranty cards to fill out. This includes *all* parts, wheelchair lift, electronics, HVAC, etc.

### **WE HANDLE ALL THE PAPERWORK**

We administer and coordinate any warranty work. You make one call to our warranty department, and they take it from there.

### **REPAIR FACILITIES NEAR YOU**

When warranty work is needed, we use service repair facilities near the bus location. We have over 3200 authorized centers and growing. You will never have to drive far to get repairs completed.

### **NO MORE CLAIM FORMS**

Model 1 handles all parts of the claim process, you will have no out of pocket expenses, no reimbursements, and the service facility will be paid directly by us.

### **LONGER WARRANTY PERIOD**

We have negotiated extended periods for the units we sell. Unprecedented 60 month/100,000 mile bumper-to-bumper warranty on the Starcraft bus upfit.