



State of South Carolina
Invitation for Bid
Amendment 3

Solicitation Number: **5400003776**
Date Issued: **02/02/2012**
Procurement Officer: **CHERYL PATRICK**
Phone: **(803) 737-5717**
E-Mail Address: **CPatrick@mmo.sc.gov**

RECEIVED

DESCRIPTION: **ADA COMPLIANT BUSES & MINI-VANS (Lowered Floor/Conversion) – STATEWIDE CONTRACT**

FEB 16 2012

USING GOVERNMENTAL UNIT: **Statewide Term Contract**

Materials Management Office

The Term "Offer" Means Your "Bid" or "Proposal". Unless submitted on-line, your offer must be submitted in sealed package. Solicitation Number & Opening Date must appear on package exterior. See "Submitting Your Offer" provision.

~~SUBMIT YOUR OFFER ON LINE AT THE FOLLOWING URL: <http://www.procurement.sc.gov>~~

SUBMIT YOUR SEALED OFFER TO EITHER OF THE FOLLOWING ADDRESSES:

MAILING ADDRESS:
Materials Management Office
PO Box 101103
Columbia SC 29211

PHYSICAL ADDRESS:
Materials Management Office
Capital Center
1201 Main Street, Suite 600
Columbia SC 29201

SUBMIT OFFER BY (Opening Date/Time): **02/16/2012 - 11:00AM** (See "Deadline For Submission Of Offer" provision)

QUESTIONS MUST BE RECEIVED BY: **N/A**

NUMBER OF COPIES TO BE SUBMITTED: **2 Paper Copies (1 Original & 1 Copy) plus 1 Electronic Copy on CD - ***Online Bidding is not an option for this solicitation*****

AWARD & AMENDMENTS

Award will be posted on **02/29/2012**. The award, this solicitation, any amendments, and any related notices will be posted at the following web address: <http://www.procurement.sc.gov>

Unless submitted on-line, you must submit a signed copy of this form with Your Offer. By submitting a bid or proposal, You agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of thirty (30) calendar days after the Opening Date. (See "Signing Your Offer" and "Electronic Signature" provisions.)

NAME OF OFFEROR
National Bus Sales and Leasing, Inc.

(full legal name of business submitting the offer)

Any award issued will be issued to, and the contract will be formed with, the entity identified as the Offeror. The entity named as the offeror must be a single and distinct legal entity. Do not use the name of a branch office or a division of a larger entity if the branch or division is not a separate legal entity, i.e., a separate corporation, partnership, sole proprietorship, etc.

AUTHORIZED SIGNATURE

(Person must be authorized to submit binding offer to contract on behalf of Offeror.)

TAXPAYER IDENTIFICATION NO.
58-1216021

(See "Taxpayer Identification Number" provision)

TITLE Regional Sales Manager

(business title of person signing above)

STATE VENDOR NO.
7000050707

(Register to Obtain S.C. Vendor No. at www.procurement.sc.gov)

PRINTED NAME
Dana Spurgeon

(printed name of person signing above)

DATE SIGNED
2/14/12

STATE OF INCORPORATION
Georgia

(If you are a corporation, identify the state of incorporation.)

OFFEROR'S TYPE OF ENTITY: (Check one)

(See "Signing Your Offer" provision.)

- Sole Proprietorship Partnership Other _____
 Corporate entity (not tax-exempt) Corporation (tax-exempt) Government entity (federal, state, or local)

PAGE TWO

(Return Page Two with Your Offer)

<p>HOME OFFICE ADDRESS (Address for offeror's home office / principal place of business)</p> <p>800 Pickens Industrial Dr. Ext. Marietta, GA 30062</p>	<p>NOTICE ADDRESS (Address to which all procurement and contract related notices should be sent.) (See "Notice" clause)</p> <p>P.O. Box 6549 Marietta, GA 30065-0549</p> <p>800-282-7981 Ph. 770-422-9007 Fx. _____ Area Code - Number - Extension Facsimile dspurgeon@nationalbussales.com _____ E- mail Address</p>
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<p>PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause)</p> <p>_____ Payment Address same as Home Office Address <input checked="" type="checkbox"/> Payment Address same as Notice Address (check only one)</p>	<p>ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders and "Contract Documents" clauses)</p> <p>_____ Order Address same as Home Office Address <input checked="" type="checkbox"/> Order Address same as Notice Address (check only one)</p>
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ACKNOWLEDGMENT OF AMENDMENTS
Offerors acknowledges receipt of amendments by indicating amendment number and its date of issue. (See "Amendments to Solicitation" Provision)

Amendment No.	Amendment Issue Date						
1	1-30-2012	2	2-1-2012	3	2-2-2012		

<p>DISCOUNT FOR PROMPT PAYMENT (See "Discount for Prompt Payment" clause)</p>	<p>10 Calendar Days (%)</p>	<p>20 Calendar Days (%)</p>	<p>30 Calendar Days (%)</p> <p align="center">0%</p>	<p>_____ Calendar Days (%)</p>
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<p>PREFERENCES - SC RESIDENT VENDOR PREFERENCE (June 2005): Section 11-35-1524 provides a preference for offerors that qualify as a resident vendor. A resident vendor is an offeror that (a) is authorized to transact business within South Carolina, (b) maintains an office* in South Carolina, (c) either (1) maintains a minimum \$10,000.00 representative inventory at the time of the solicitation, or (2) is a manufacturer which is headquartered and has at least a ten million dollar payroll in South Carolina, and the product is made or processed from raw materials into a finished end-product by such manufacturer or an affiliate (as defined in section 1563 of the Internal Revenue Code) of such manufacturer, and (d) has paid all assessed taxes. If applicable, preference will be applied as required by law.</p>	<p align="center">PREFERENCES DO NOT APPLY TO ADA BUS PROCUREMENTS</p>
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<p>PREFERENCES - SC/US END-PRODUCT (June 2005): Section 11-35-1524 provides a preference to vendors offering South Carolina end-products or US end-products, if those products are made, manufactured, or grown in SC or the US, respectively. An end-product is the item identified for acquisition in this solicitation, including all component parts in final form and ready for the use intended. The terms made, manufactured, and grown are defined by Section 11-35-1524(B). By signing your offer and checking the appropriate space(s) provided and identified on the bid schedule, offeror certifies that the end-product(s) is either made, manufactured or grown in South Carolina, or other states of the United States, as applicable. Preference will be applied as required by law.</p>	<p align="center">PREFERENCES DO NOT APPLY TO ADA BUS PROCUREMENTS</p>
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VIII. BIDDING SCHEDULE / PRICE-BUSINESS PROPOSAL

THE OPERATIONS SUPPORT STAFF ARE AUTHORIZED TO READ THE NAME OF THE OFFEROR, MANUFACTURER, MODEL, MODEL #, UNIT PRICE, AND EXTENDED PRICE. NO OTHER INFORMATION WILL BE READ OR MADE AVAILABLE AT BID OPENING.

PREFER PRICES DO NOT APPLY TO ITEMS WHICH ARE LISTED WITH A "B" PREFIX.

NOTE: All dollar amounts are to be expressed in the nearest dollar. **DO NOT LIST CENTS!** If cents are listed in error they will be fixed through at the procurement office.

Item	Estimated Quantity	Unit of Measure	Base Unit Price	Estimated Extended Price
i	25	each	\$46,774.00	\$1,169,350.00
Product Catg.: 55640 - Coach Transit (Mini) Handicapped				
Item Description: Bus, Specialty, ADA Compliant				
Question		Response		
BODY MAKE:		Elkhart Coach		
BODY MODEL:		ECII		
CHASSIS MAKE:		Ford		
CHASSIS MODEL:		E350		
DELIVERY TIME - DAYS AFTER RECEIPT OF PURCHASE ORDER (ARO)		135 Days ARO		

Options available for South Carolina Bid # 5400003776

HOURLMETER-DATCOM	\$63
GAS-ELECTRIC HYBRID (AZURE DYNAMICS) FORD E-450 5.4L GAS ONLY	\$52,415
ELECTRIC HYBRID, GAS OR DIESEL, (VARIABLE TORQUE MOTORS S-3000 HYBRID SYSTEM). FORD E450 OR CHEVY G4500 GAS OR DIESEL	\$43,120
CNG CONVERSION, 3-TANK SYSTEM (29 GGE), FORD E-450 6.8L GAS ONLY. BAF SYSTEM INSTALLED BY GAS. REQUIRES SPECIAL CHASSIS WITH OPTION 91G HARDENED VALVES @ \$252	\$25,300
CNG CONVERSION, 4-TANK SYSTEM (39 GGE), FORD E-450 6.8L GAS ONLY. BAF SYSTEM INSTALLED BY GAS. REQUIRES SPECIAL CHASSIS WITH OPTION 91G HARDENED VALVES @ \$252	\$27,500
CNG CONVERSION, LARGE 4-TANK SYSTEM (46 GGE), FORD E-450 6.8L GAS ONLY. BAF SYSTEM INSTALLED BY GAS. REQUIRES SPECIAL CHASSIS WITH OPTION 91G HARDENED VALVES @ \$252	\$28,325
CNG CONVERSION, 3-TANK SYSTEM (29 GGE), CHEVY G3500/4500, 6.0L GAS ONLY. BAYTECH SYSTEM INSTALLED BY GAS.	\$24,750
CNG CONVERSION, 4-TANK SYSTEM (39 GGE), CHEVY G3500/4500, 6.0L GAS ONLY. BAYTECH SYSTEM INSTALLED BY GAS.	\$26,950
LPG CONVERSION, 2-TANK SYSTEM (41GGE). FORD E-450 6.8L GAS ONLY. ROUSH CLEANTECH SYSTEM INSTALLED AT FORD SHIP-THROUGH FACILITY. REQUIRES SPECIAL CHASSIS WITH OPTION 91G HARDENED VALVES @ \$252	\$15,840
WHEEL COVERS-4 WHEELS (FORD OR CHEVY)	\$130
WHEEL INSERTS-4 WHEELS STAINLESS STEEL (FORD OR CHEVY)	\$288
EXTENSION-VALVES FOR TWO INNER DUAL WHEEL	\$65
BUMPER-FRONT ROMEO RIM (FORD ONLY)	\$1,165
BUMPER-REAR ROMEO RIM	\$1,073
BUMPER-REAR ROMEO RIM WITH INTERMOTIVE HAWKEYE REVERSE SYSTEM	
BIKE RACK-SPORTWORKS DL-2 BLACK FOR FORD E-350/450 W/ OEM OR ROMEO BUMPER (ROMEO BUMPER REQUIRES BOLT KIT OPTION)	\$1,635
BIKE RACK-SPORTWORKS S/S DL-2 STAINLESS STEEL FOR FORD E-350/450 W/ OEM OR ROMEO BUMPER (ROMEO BUMPER REQUIRES BOLT KIT OPTION)	\$1,995
BIKE RACK-SPORTWORKS DL-2 BLACK FOR CHEVY G3500/4500	\$1,725
BIKE RACK-SPORTWORKS S/S DL-2 STAINLESS STEEL FOR CHEVY G3500/4500	\$1,995
MOR/RIDE-REAR E-	\$998

350	
MOR/RYPDE-REAR E-450	\$1,057
MOR/RYPDE-REAR CHEVY G3500/4500) (N/A W/SPARE MOUNTING KIT ON 159" WB CHEVY)	\$1,050
FLOORING-2.2MM ALTRO FLOOR INCLUDES STEPS/NOSING	\$900
DOOR-FUEL FILL, LOCKING	\$105
KEY SWITCH (EXTERIOR)-FOR ELECTRIC ENTRY DOOR	\$96
WINDOW-CAPTAIN'S BEHIND DRIVER	\$80
WINDOW-REAR TWIN (N/A WITH REAR LUGGAGE ROOM)	\$134
ACC R365716 23036 EVAP. 25057 COND. TM-16 COMP., 225 AMP OEM ALT, 75000 BTU'S, FORD 5.4L GAS	\$2,221
ACC R36573416 23036 EVAP. 25057 COND. 25034 COND. TM-16 COMP., 225 AMP OEM ALT, 100000 BTU'S, FORD 6.8L GAS	\$2,994
DESTINATION SIGN, TRANSIGN-FRONT W/15 POSITION SCROLL & ELECTRIC MOTOR	\$975
DESTINATION SIGN, TRANSIGN-SIDE W/15 POSITION SCROLL & ELECTRIC MOTOR	\$975
TWIVISION MOBILITE LED FRONT DESTINATION SIGN (N/A WITH OVERHEAD STORAGE IN FRONT CAP)	\$2,395
TWIVISION MOBILITE LED SIDE DESTINATION SIGN (REQUIRES FRONT SIGN OPTION)	\$1,695
ALARM-LOW OIL & HIGH TEMP WITH LIGHTS & BUZZER	\$250
ECHOVISION REVERSE ALARM-EBD0225	\$650
DISCONNECT SWITCH-BATTERY CUT-OFF, FORD & CHEVY	\$70
ADD ON PA SYSTEM WITH EXTERNAL SPEAKER (REQUIRES A RADIO OR VIDEO OPTION)	\$135
BACKUP CAMERA, COLOR, 7" MONITOR	\$395
BRAKE LIGHT-REAR CENTER MOUNTED LED	\$85
FOG LIGHTS (PAIR)	\$102
ARMOR FOR MARKER & CLEARANCE LIGHTS	\$66
MIDSHIP TURN SIGNAL / MARKER LIGHT COMBINATION (ARMORED) - LED	\$170
ENGINE COMPARTMENT LIGHT (FORD ONLY)	\$105
COAT HOOK-DRIVER W/STRAP	\$33
FAREBOX-MAIN M4 W/(1) VAULT MOUNTED TO DRIVER MODESTY PANEL STANCHION	CFQ
FAREBOX-MAIN M4 W/(2) VAULTS MOUNTED TO DRIVER MODESTY PANEL STANCHION	CFQ

OVERHEAD STORAGE IN FRONT CAP (N/A W/FRONT DESTINATION SIGN)	\$120
MIRRORS-EXTERIOR, M715, REMOTE CONTROL, FORD, ROSCO	\$506
MIRRORS-EXTERIOR, M715, REMOTE CONTROL, CHEVY, ROSCO	\$506
MIRRORS-EXTERIOR BUS BOY CROSSOVER 52545, MIRROR LITE. LOCATION:	\$110
SEAT, DRIVER, RECARO LXS, FREEDMAN LEVELS 1,2, & 3 FORD AND CHEVY	\$1,195
SEAT, MID-HIGH, RIGID, DBL, FEATHERWEIGHT (N/A AS AISLE FACING SEAT)	\$265
SEAT, HI-BACK, RIGID, DBL, FEATHERWEIGHT (N/A AS AISLE FACING SEAT) (NOTE: IF FIVE-ACROSS REAR ROW IS USED, REQUIRES NON-EGRESS WINDOW AND ROOF HATCH)	\$280
SEAT, FABRIC UPGRADE TO LEVEL 2, (1) PASS SEAT	\$30
SEAT, FABRIC UPGRADE TO LEVEL 3, (1) PASS SEAT	\$42
SEAT, FABRIC UPGRADE TO LEVEL 4, (1) PASS SEAT	\$53
SEAT, FABRIC UPGRADE TO LEVEL 5, (1) PASS SEAT	\$79
ARMREST, FLIP-UP, US ARM	\$25
Braun Lift Upgrade NCL954IB 34x54.2	\$535
Upgrade to Ford 6.8 Liter V-10 Gasoline Engine	\$850
Upgrade to E-450 Chassis 158' (14,500)	\$2,485
Upgrade to Chevy 4500 159" (14,200)	\$2,372

ELKHART COACH PROUDLY PRESENTS

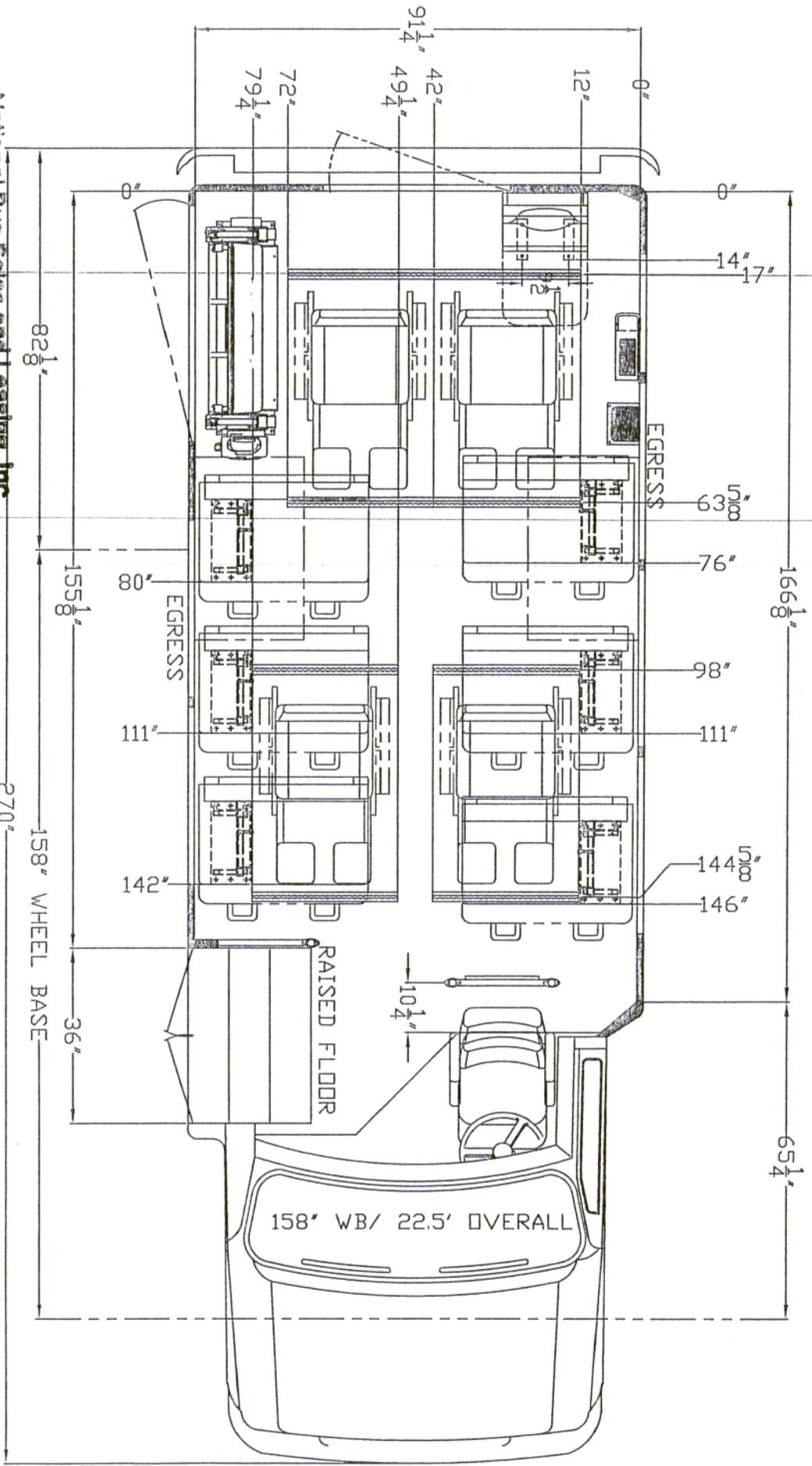
EC-II



ec
Elkhart Coach

A DIVISION OF FOREST RIVER

REV	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION
B	2-10-12	NPM	Changed Sect	-	-	-	-	-	-	-	-



National Bus Sales and Leasing, Inc.

DEALER SIGNATURE: _____

Q-42-011912-06-2

DO NOT SCALE

A SIZE

THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN ARE THE PROPERTY OF ELKHART COACH. IT IS LOANED FOR USE WITH REFERENCE TO WORK UNDER CONTRACT WITH, OR PROPOSALS SUBMITTED TO ELKHART COACH.

PROJECTION: **Floor plan** DESCRIPTION: **ECCW 158-270 Rear Lift (Ricons) Raised Floor 13P/4WC**

W.I. NUMBER: _____ DATE: **1-20-12**

SCALE: **N.T.S.** REFERENCE NUMBER: _____

TOLERANCES UNLESS OTHERWISE SPECIFIED ARE: FLOORPLANS ±1/4" ALL STRUCTURAL ±1/8" ANGLE ±1°

CHECKED BY: _____ DRAWN BY: **NPM** PART NUMBER: _____

52807 County Road 7
ELKHART, IN 46514
(574) 264-5179
A DIVISION OF FOREST RIVER

900-03-0594

B REV

elkhart coach

**South Carolina
ADA Compliant Lowered Floor Minivan Conversion
Solicitation Number: 5400003776
EIDorado Amerivan**

30. Bid Item A Floorplan, Option Equipment and/or Features

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------|
| 1. Delete Two Passenger Freedman Flip Fold Seat, mid cabin | <\$450> |
| 2. Two Passenger, quick attach fixed seat | Not Available |
| 3. Delete 2 nd Set of QRT Max Q8300 Restraints (1 set only) | <\$330> |
| 4. Add 3 rd set of QRT Max Q8300 Restraints (total of 3 sets) | \$642 |
| 5. Deduct cost to substitute Q8100 Deluxe for Q8300 Max | No Charge |
| 6. Substitute Q'Straint Slide-N-Click for QRT MAX, per ea. location | \$174 |
| 7. Substitute Sur-Lok restraints ILO QRT MAX | \$60 |
| 8. No substitute flooring in place of standard ½" Marine Plywood
(would require further seat pull and restraint track testing) | Not Available |

Material Safety Data Sheet



The Chemical Company

DegaCoat 310

Version 1.1

06/28/2006

- Ingestion : Can cause slight irritation.
- Chronic exposure : This product contains solvents. Reports associate repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Reports also indicate that solvents cause liver damage, kidney damage, and mucous membrane irritation. Be warned that intentional misuse by deliberately inhaling the vapors and/or the product contents (a process often called "sniffing") can be harmful or fatal.

Carcinogenicity

	ACGIH	IARC	NTP	OSHA
ASPHALT PETROLEUM	Not classifiable as a human carcinogen.	Possible carcinogen.	N.E.	N.E.
2-BUTOXYETHANOL	Confirmed animal carcinogen with unknown relevance to humans.	Limited data.	N.E.	N.E.

4. FIRST AID MEASURES

- Eye contact : Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.
- Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
- Ingestion : Do not induce vomiting without medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.
- Inhalation : Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

- Flash point : > 450.00 °F (232.22 °C)
- Autoignition temperature : 450.00 °F (232.22 °C)
- Lower explosion limit : no data available
- Upper explosion limit : no data available
- Suitable extinguishing media : water fog
carbon dioxide (CO2)
dry chemical
- Fire and Explosion Hazards : Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray. Do not use a solid water stream as it may scatter and spread fire.
- Special Fire-fighting Procedures : As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH

Material Safety Data Sheet



DegaCoat 310

Version 1.1

06/28/2006

approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up : Wear appropriate protective equipment (refer to section 8). Take action to eliminate source of leak; prevent from entry into open streams or sewers; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse residual stain with water.

7. HANDLING AND STORAGE

Handling : Use only in area provided with appropriate ventilation. Keep out of reach of children. For personal protection see section 8.

Storage : Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection : Wear as appropriate:
safety glasses with side-shields
goggles
face-shield

Hand protection : Wear as appropriate:
Wear Chemically resistant gloves.

Body Protection : Wear as appropriate:
impervious clothing
preventive skin protection

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.

Hygienic Practices : Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls : Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color : brown

Physical State : liquid

Odor : hydrocarbon-like

pH : 5.0 - 7.0

Material Safety Data Sheet



DegaCoat 310

Version 1.1

06/28/2006

Odor Threshold	:	no data available
Vapor Pressure	:	60 mm/Hg at 100.00 °F (37.78 °C)
Vapor Density	:	no data available
Boiling point/range	:	212 °F (100 °C)
Freeze Point	:	no data available
Water solubility	:	partly miscible
Specific Gravity	:	1.1 - 1.2
Viscosity	:	100,000 cps at 77 °F (25 °C)
Evaporation rate	:	no data available
Partition coefficient (n-octanol/water)	:	no data available
VOC Concentration as applied (less water and exempt solvents)	:	48 g/l

10. STABILITY AND REACTIVITY

Stability	:	Stable under recommended storage conditions.
Conditions to avoid	:	Prolonged exposure to high temperatures
Materials to avoid	:	strong oxidizing agents
Hazardous decomposition products	:	Oxides of carbon nitrogen oxides (NOx)
Hazardous polymerization	:	Will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute inhalation toxicity

<u>Product</u>	<u>Type</u> LC50	<u>Value</u> no data available	<u>Species</u>	<u>Exposure time</u>
<u>Component</u>				
ASPHALT PETROLEUM	LC50	no data available		
2-BUTOXYETHANOL	LC50	no data available		

Material Safety Data Sheet



DegaCoat 310

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Acute oral toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Oral)	no data available	
<u>Component</u>			
ASPHALT PETROLEUM	LD50 (Oral)	no data available	
2-BUTOXYETHANOL	LD50 (Oral)	no data available	

Acute dermal toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Dermal)	no data available	
<u>Component</u>			
ASPHALT PETROLEUM	LD50 (Dermal)	no data available	
2-BUTOXYETHANOL	LD50 (Dermal)	no data available	

12. ECOLOGICAL INFORMATION

Ecotoxicological Information : There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

14. TRANSPORT INFORMATION

DOT	: Proper shipping name	Not regulated
IATA	: Proper shipping name	Not regulated

15. REGULATORY INFORMATION

SARA 311/312 (RTK)

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE (ACUTE) HEALTH HAZARD

SARA 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the

Material Safety Data Sheet



DegaCoat 310

Version 1.1

06/28/2006

Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>Weight %</u>	<u>CAS No.</u>	<u>Chemical Name</u>
1.00 - 5.00 %	111-76-2	2-BUTOXYETHANOL

CERCLA

CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product.

<u>RQ</u>	<u>CAS No.</u>	<u>Chemical Name</u>
100 lbs	8052-42-4	ASPHALT PETROLEUM
	111-76-2	2-BUTOXYETHANOL

TSCA Section 12(b) Export Notification

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>CAS No.</u>	<u>Chemical Name</u>
26172-55-4	5-CHLORO2-METHYL4-ISOTHIAZOLIN3-ONE
2682-20-4	ISOTHIAZOLIN-3-ONE

California Proposition 65

The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at < 0.1%:

<u>CAS No.</u>	<u>Chemical Name</u>
8052-42-4	ASPHALT PETROLEUM

16. OTHER INFORMATION

Legend	: N.E. - Not Established TLV - Threshold Limit Value STEL - Short Term Exposure Limit PEL - Permissible Exposure Limit CEIL - Ceiling
Prepared By	: Environment, Health and Safety Department

This information is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of the manufacturer's knowledge, or is obtained from sources believed by the manufacturer to be accurate and is not intended to be all inclusive. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. The manufacturer assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, the manufacturer assumes no responsibility for injuries proximately caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.

End of MSDS.



The Chemical Company

PRODUCT DATA

DEGACOAT™ 300, 310

General purpose underbody/protective coatings

Description

DegaCoat™ 300 and 310 are non-fibered asphalt emulsions specifically formulated for use as protective underbody coatings which provide excellent corrosion preventative barriers for transport applications.

DegaCoat™ 300 and 310 are fiber-free for application by brush or spray.

Packaging

DegaCoat™ 300:
53 gallon (200.6 L) drums
16 gallon (60.48 L) kegs

DegaCoat™ 310:
53 gallon (200.6 L) drums
16 gallon (60.48 L) kegs
330 gallon (1247 L) totes

Color

Applies dark brown and dries to a durable matte black finish

Shelf Life

1 year when properly stored

Storage

Store in unopened containers in a cool, clean, dry area. Do not allow these materials to freeze in the container; do not store below 35° F (2° C).

Features

- Anti-corrosion coating
- Nonflammable
- Water clean up
- Fast drying

Benefits

Beautifies and protects
Minimizes fire hazards during application;
improves worker safety
User friendly; enhances production/ process time
Speeds production

Where to Use

LOCATION

- Truck and trailer
- Bus
- RV
- House/cargo trailers
- Rail cars

SUBSTRATE

- Metals
- Aluminum
- Plywood
- OSB
- Can be sprayed over oxidized metals

How to Apply

Surface Preparation

Surface should be free of oil, grease, dirt and loose material.

Application

Spray with the proper equipment. Consult the spray equipment manufacturer for more information.

UNDERBODY COATING

1. DegaCoat™ 300 and 310 are recommended to be used for corrosion protection on steel surfaces and other metal substrates.

2. DegaCoat™ 300 is designed for spray application using airless equipment. For best results under a wide variety of conditions, a 30:1 or higher ratio pump with a .027 orifice size is recommended. Under limited spray conditions, a 15:1 ratio can be substituted. A heavy film thickness (125 mils wet) can be achieved on vertical surfaces without sagging.
3. DegaCoat™ 310 is designed for spray application using airless equipment. A 15:1 or higher ratio pump with a minimum .023 orifice size is recommended.

Clean Up

Tools and hands should be cleaned with soap and water before emulsion sets. Dried material can be removed with the appropriate solvent.

For Best Performance

- Keep from freezing in the container.
- Do not apply at temperatures below 40° F (4° C) or when temperatures are expected to fall to 40° F (4° C) in the next 24 hours.
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Technical Data

Composition

DegaCoat™ 300 and 310 are asphalt-based emulsions.

Compliances

- DegaCoat™ 300 and 310 comply with ASTM D 1187, Type 1, and ASTM D 1227, Type 3, Class I
- DegaCoat™ 300 and 310 comply with ASTM D 1227, Type 2, Class I and ASTM D 1187, Type 1

Test Data

PROPERTY	RESULTS	TEST METHODS
Density		
DegaCoat™ 300, lbs/gal	9.1 – 9.9	Industry Method
DegaCoat™ 310, lbs/gal	9.1 – 9.9	
Solid content		
DegaCoat™ 300, % by weight	55.1	Industry Method
DegaCoat™ 310, % by weight	50.0	
Clay content		
DegaCoat™ 300, % by weight	16.2	Industry Method
DegaCoat™ 310, % by weight	4	
Asphalt content		
DegaCoat™ 300, % by weight	38.9	Industry Method
DegaCoat™ 310, % by weight	46	
Median particle size		
DegaCoat™ 300, μ	15	Industry Method
DegaCoat™ 310, μ	15	
Specific gravity		
DegaCoat™ 300	1.1 – 1.2	Industry Method
DegaCoat™ 310	1.1 – 1.2	
Dry to the touch		
DegaCoat™ 300, hrs	1	Industry Method
DegaCoat™ 310, hrs	1	
Consistency		
DegaCoat™ 300	Semi-paste like	Industry Method
DegaCoat™ 310	Semi-paste like	
Color		
DegaCoat™ 300	Black	Industry Method
DegaCoat™ 310	Black	
Water resistance		
Blistering		ASTM 2939-94
DegaCoat™ 300	None	
DegaCoat™ 310	None	
Reemulsification		
DegaCoat™ 300	Nil	
DegaCoat™ 310	Nil	

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Health and Safety

DEGACOAT™ 300

Caution

DegaCoat™ 300 contains asphalt petroleum.

Risks

May cause skin, eye or respiratory irritation. Ingestion may cause irritation.

Precautions

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep container closed when not in use. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to Material Safety Data Sheet (MSDS) for further information.

Proposition 65

This product contains materials listed by the state of California as known to cause cancer and birth defects or other reproductive harm.

VOC Content

24 g/L or 0.20 lbs/gal, less water and exempt solvents.

DEGACOAT™ 310

Caution

DegaCoat™ 310 contains asphalt petroleum and 2-butoxyethanol.

Risks

May cause skin, eye and respiratory irritation. Ingestion may cause irritation. May be absorbed through skin. Repeated or prolonged exposure increases the risk of absorption. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Precautions

Keep container closed. Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapors. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to Material Safety Data Sheet (MSDS) for further information.

Proposition 65

This product contains material listed by the State of California as known to cause cancer, birth defects or other reproductive harm.

VOC Content

24 g/L or 0.20 lbs/gal, less water and exempt solvents.

**For medical emergencies only,
call ChemTrec (1-800-424-9300).**

PRODUCT DATA
DEGACODAT™ 300 AND 310

National Bus Sales and Leasing, Inc

**BASF Construction Chemicals, LLC –
Building Systems**

889 Valley Park Drive
Shakopee, MN, 55379

www.BuildingSystems.BASF.com

Customer Service 800-433-9517
Technical Service 800-243-6739



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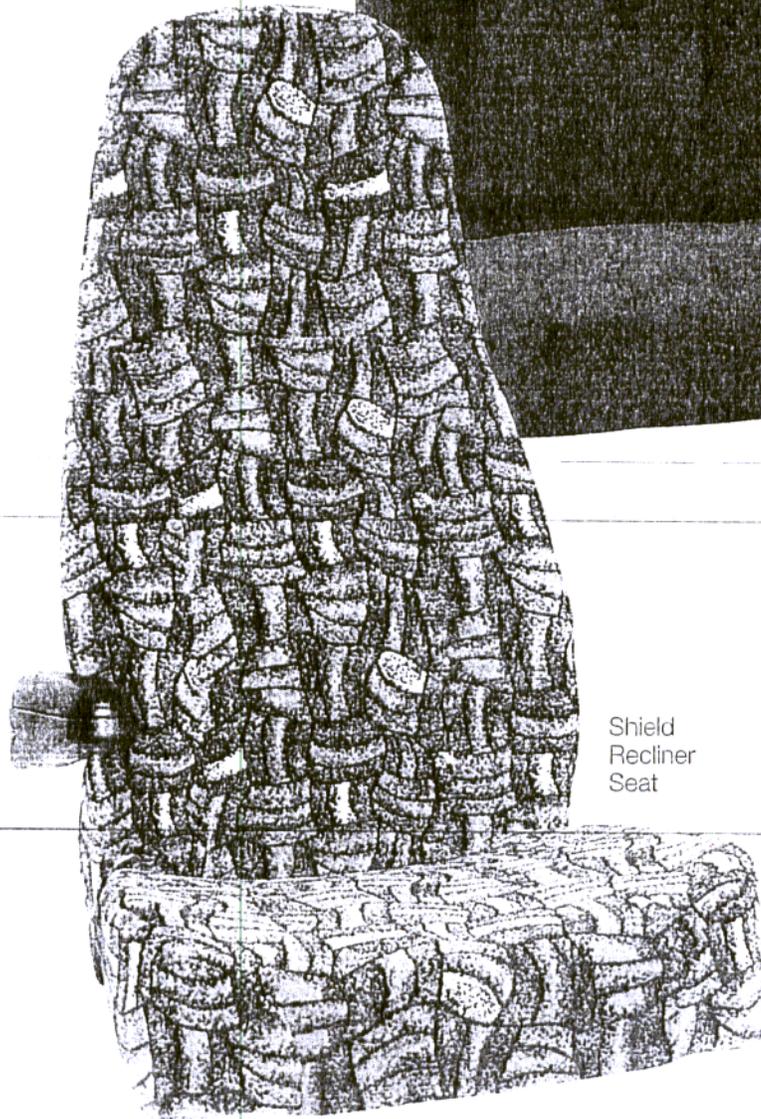
FREEDMAN SHIELD DRIVER SEATS

Shield
Rigid
Seat

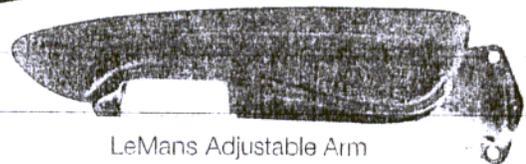


**NOW
AVAILABLE**

Sport Seat
Upgrade



Shield
Recliner
Seat



LeMans Adjustable Arm



Sustainable Seating Solutions
Freedman Seating Company

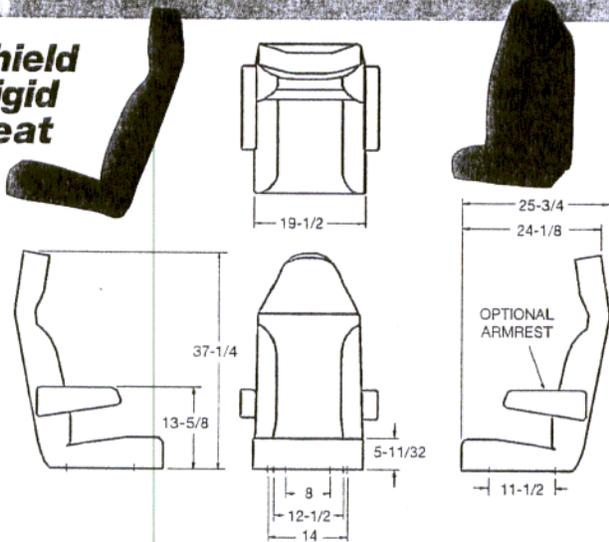
Not Just Seats

FREEDMAN
SEATING COMPANY

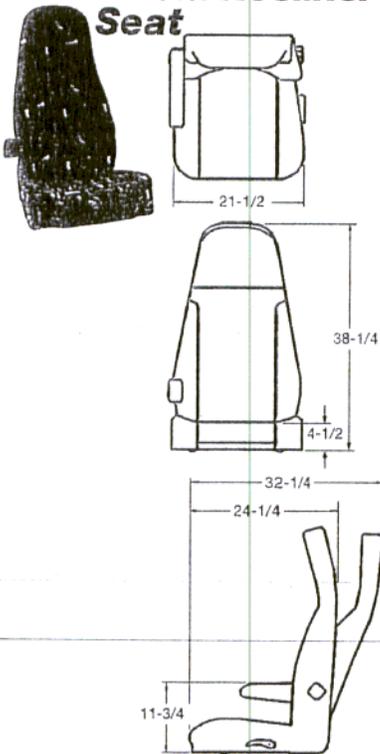
Seating Solutions™

FREEDMAN SHIELD DRIVER SEATS

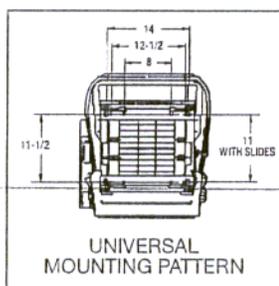
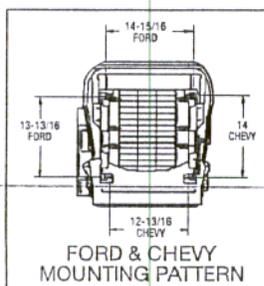
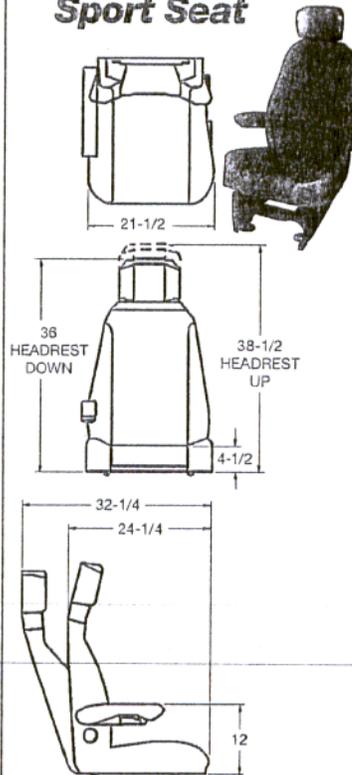
Shield Rigid Seat



Shield Recliner Seat



Sport Seat



MARKETS



DELIVERY TRUCK



BUS



VAN



MARINE



SPECIALTY

We are constantly updating and improving our seats; therefore we reserve the right to change or modify specifications or materials without notice. All Freedman Seating Company seats meet or exceed FMVS standards.

Shield Rigid Seat

Standard features:

- Designed and tested to comply with all applicable FMVSS requirements including 202A headrest standard
- Taller and wider headrest with decreased backset
- "Cushier" headrest for dynamic impact headrest absorption
- Automotive grade 4-spring seat flex-o-later for even load support and long life
- J-clip upholstery fastening for quick change out with no special tools
- High quality molded polyurethane seat and back cushions
- Universal mounting holes to fit Freedman Seating pedestals and most aftermarket bases

Rigid Seat optional features:

- Flip arms: US Arm, AMA
- Mesh map pocket
- Vertical stitching
- Wide array of fabrics and vinyls
- 4-position adjustable upholstered or wide upholstered lumbar support
- S3 Bio Cushions
- Fore/Aft slide tracks

Shield Recliner and Sport Seats

Standard features:

- Designed and tested to comply with all applicable FMVSS requirements including 202A headrest standard
- Taller and wider headrest with decreased backset
- "Cushier" headrest for dynamic impact headrest absorption
- Mesh map pocket
- Automotive grade 4-spring seat flex-o-later for even load support and long life
- J-clip upholstery fastening for quick change out with no special tools
- High quality molded polyurethane seat and back cushions

Recliner Seat additional standard features:

- 4-position adjustable lumbar-LH lever (RH lever on copilot)
- RH Shield arm
- Heavy duty recliner mechanism
- Mounting brackets to fit Ford E-Series and Chevy cutaway seat delete bases

Recliner Seat optional features:

- Vertical stitching (not for Sport)
- Wide array of fabrics and vinyls
- FTA foam
- S3 Bio Cushions
- Universal mounting kit to fit Freedman Seating pedestals and aftermarket bases
- Fore/Aft slide tracks (not for Ford or Chevy seats), required for universal mounting

Sport Seat additional standard features:

- Infinitely adjustable 4-way lumbar (up/down and in/out)
- RH LeMans arm



Sustainable Seating Solutions
Freedman Seating Company

Not Just Seats

Seating Solutions™

FREEDMAN
SEATING COMPANY

4545 W. Augusta Blvd., Chicago, IL 60651
(773) 524-2440 (800) 443-4540 Fax (773) 252-7450
WWW.FREEDMANSEATING.COM
e-mail: sales@freedmanseat.com

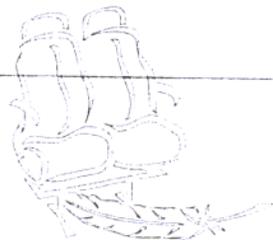
FEATHER WEIGHT

FOLDAWAY BV & AM STYLES

Freedman Seating gives you the largest selection of Foldaways in the industry. Whether you need space for luggage or wheel chairs, we have the right seat. Easy to install and easier to operate, our Foldaways will provide you with miles and miles of happy riders and drivers. Maybe we should say, "smiles and smiles". Freedman Seating, "Not just seats—seating solutions."



Not Just Seats



THE FEATHER WEIGHT SERIES BY

FREEDMAN

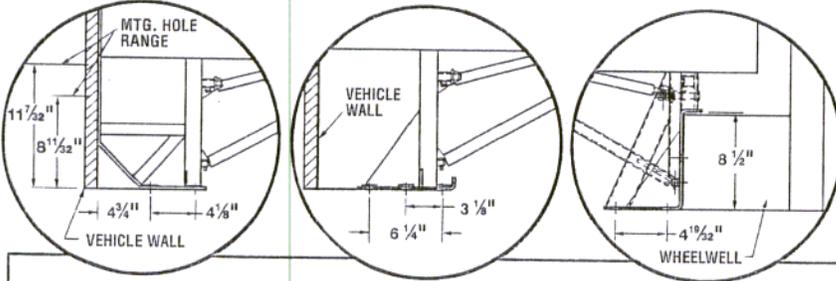
SEATING COMPANY

an ISO 9001:2000 certified company

Seating Solutions™

FEATHER WEIGHT

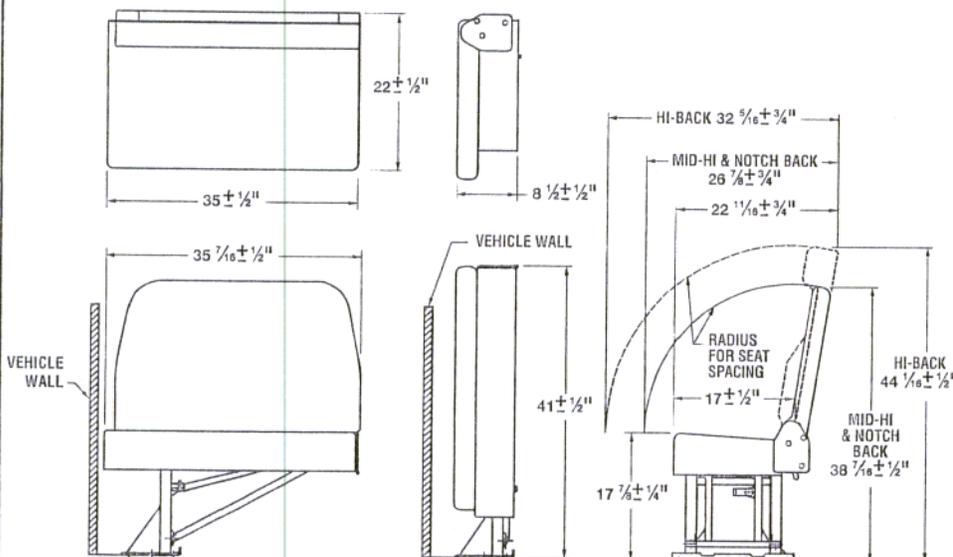
Foldaway BV & AM STYLES



AM2 Floor/Wall Mount

BV Floor Mount

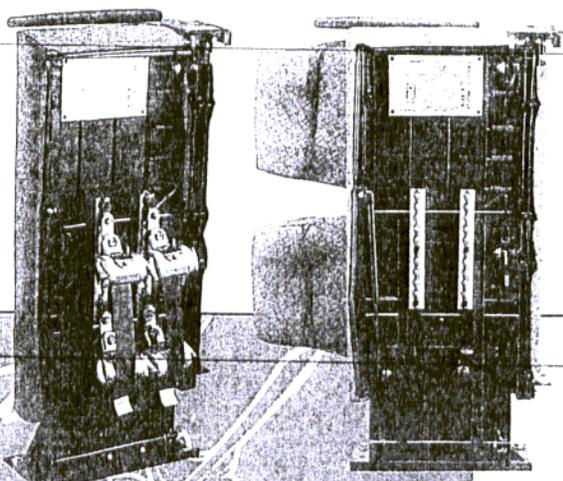
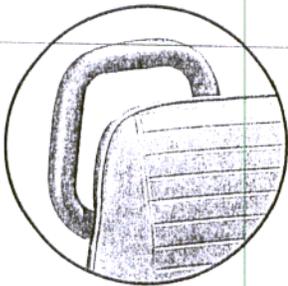
BVWW3 Floor Mount



Corner Grabs

TDSS with belts

TDSS without belts



Belts Not Included

Standard Features:

- BV Foldaways mount to the vehicle with four bolts to the floor (no wall mount)
- AM Foldaways mount to the vehicle with four bolts to the floor and two to the wall mount
- Seat belt ready (FMVSS 210 compliant with no leg or tether)
- Ultra-thin backrest for added hip-to-knee room and lumbar support
- High quality molded polyurethane seat and back cushions
- Folds up to less than 10" thick when in the stowed position
- Cantilever design provides reduced installation time; no floor cutting for aisle leg and easy vehicle clean up
- Wire mesh grid seat springs for even support
- 2 locking mechanisms to hold seat in stowed position

Options:

- Single or double seats
- Bench back, notch back or high back
- Wheel well seats
- Wide variety of vinyl's or cloths
- Molded U.S. arms or upholstered arms
- Black or yellow top grabs (not on high backs)
- Black or yellow corner grabs (black only on high back)
- Vertical stitching
- FTA foam
- ABS backs (Notchback only)
- Adjustable headrests (Single and Notchback only)
- Shrouds to cover the Foldaway when stowed
- USR seat belts (Under Seat Retractors)
- CRS-225 hooks and tethers
- TDSS (Tie Down Storage System)

Not Just Seats

THE FEATHER WEIGHT SERIES BY

FREEDMAN
SEATING COMPANY

an ISO 9001:2000 certified company

4545 W. Augusta Blvd., Chicago, IL 60651
(773) 524-2440 (800) 443-4540 Fax: (773) 252-1650
WWW.FREEDMANSEATING.COM
e-mail: sales@freedmanseat.com

We are constantly updating and improving our seats; therefore we reserve the right to change or modify specifications or materials without notice. All Freedman Seating Company seats meet or exceed FMVS standards.

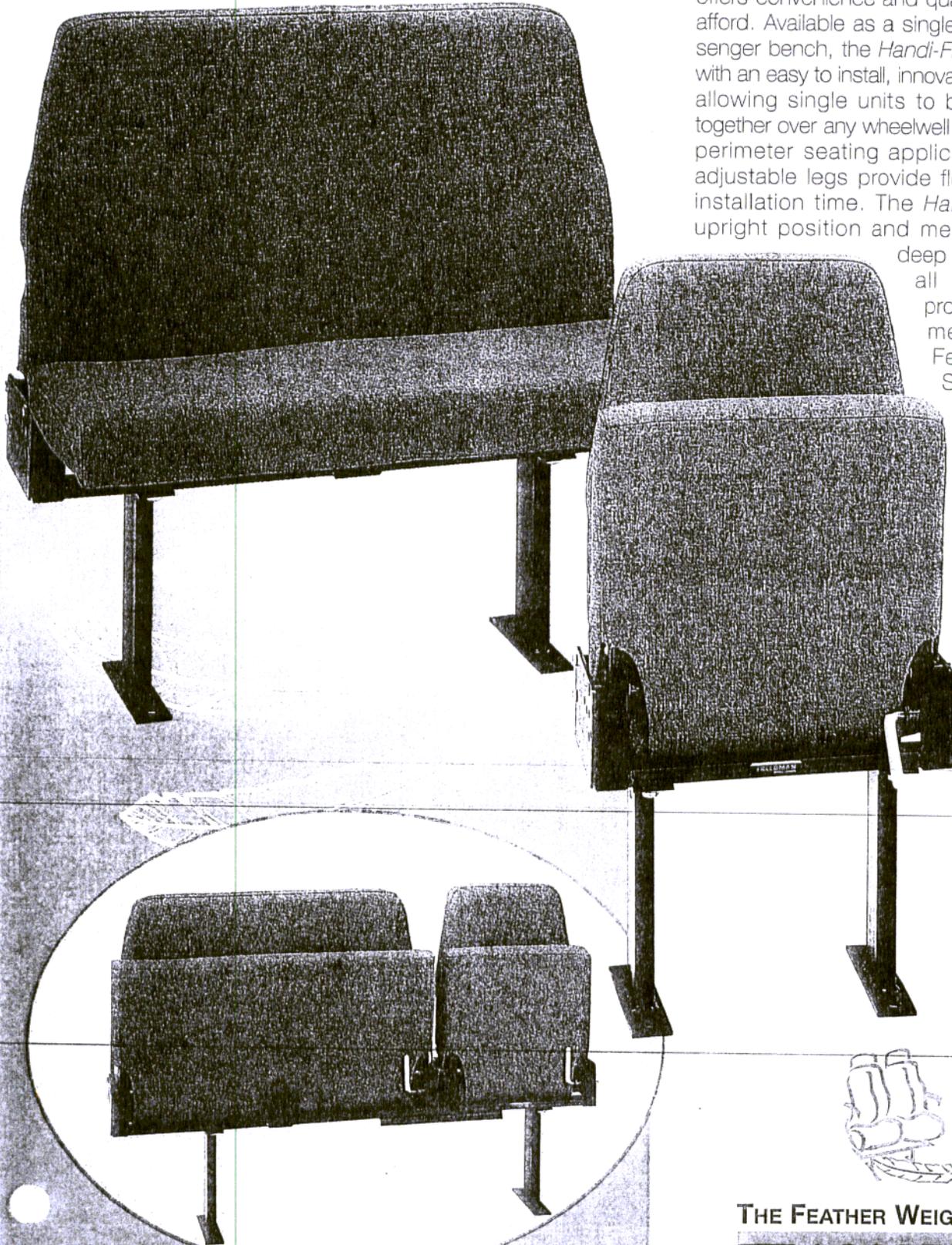
National Bus Sales and Leasing, Inc.

Seating Solutions™

FREEDMAN HANDI-FLIP

Are you interested in saving both time and money? The Freedman Seating *Handi-Flip Seat* offers convenience and quality at a price you can afford. Available as a single, double or triple passenger bench, the *Handi-Flip* has been designed with an easy to install, innovative connecting system allowing single units to be efficiently ganged together over any wheelwell for multiple passenger, perimeter seating applications. The infinitely adjustable legs provide flexibility and reduced installation time. The *Handi-Flip* locks in the upright position and measures less than 9" deep when folded up. Like all Freedman Seating products, the *Handi-Flip* meets all applicable Federal Motor Vehicle Standards for strength and safety, and can be made FMVSS 210 certified for seat belt applications.* Quality built and economically priced, the Freedman *Handi-Flip Seat* has it all.

* FMVSS 210 only applies to forward facing applications.



THE FEATHER WEIGHT SERIES BY

FREEDMAN
SEATING COMPANY

National Bus Sales and Leasing, Inc.

FREEDMAN HANDI-FLIP

MODEL	WEIGHT	A*	B	C*	D	E	F	G**
Single Low-Back Handi-Flip	36½ lbs.	21¾	18	8½	18	33¼	18	10%
Double Low-Back Handi-Flip	54½ lbs.	21¾	35¾	8½	18	33¼	18	10%
Triple Low-Back Handi-Flip	75½ lbs.	21¾	53¾	8½	18	33¼	18	10%

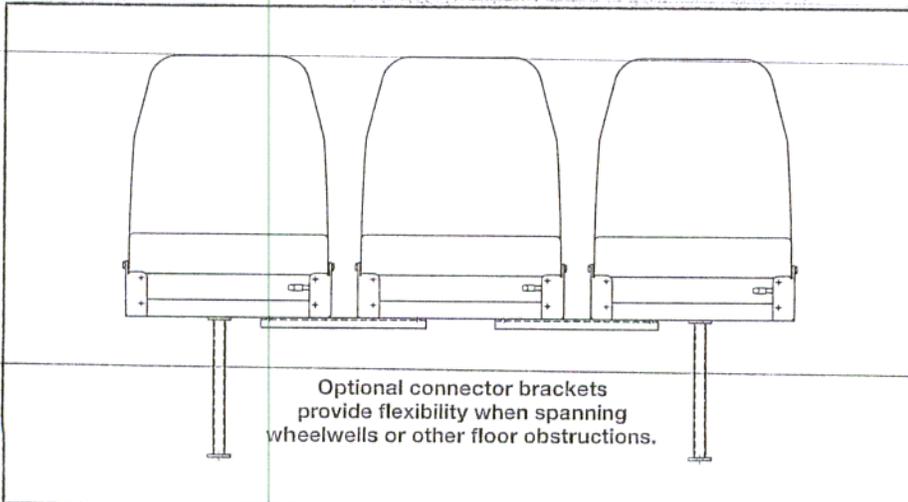
All sizes in inches.
 * Back cushion can be reclined an additional 2½" for increased comfort.
 ** 12" available. (Add 1¼" to measurements E and F.)

Features

- Ergonomically correct seat and back
- Molded polyurethane back cushioning for long lasting support and comfort
- Less than 9" deep when folded up
- No gap between the seat and back cushion when folded down
- Seat height reflects the needs of the van and small bus industries
- All steel construction, no wood or plastic
- Locks in the upright position
- Innovative connecting system
- Infinitely adjustable bolt-on legs tall enough to clear any wheel well
- Flex-o-lator grid seat springs for even support
- Companion to the *Freedman Feather Weight Low Back seat*

Options

- Black molded *U.S.Arms* or upholstered flip-up arms
- Padded grab rails (black or yellow)
- Vandal-resistant *AV Grab Rail*
- Mesh map pockets
- Vertical stitching
- FTA foam



National Bus Sales and Leasing, Inc.

THE FEATHER WEIGHT SERIES BY



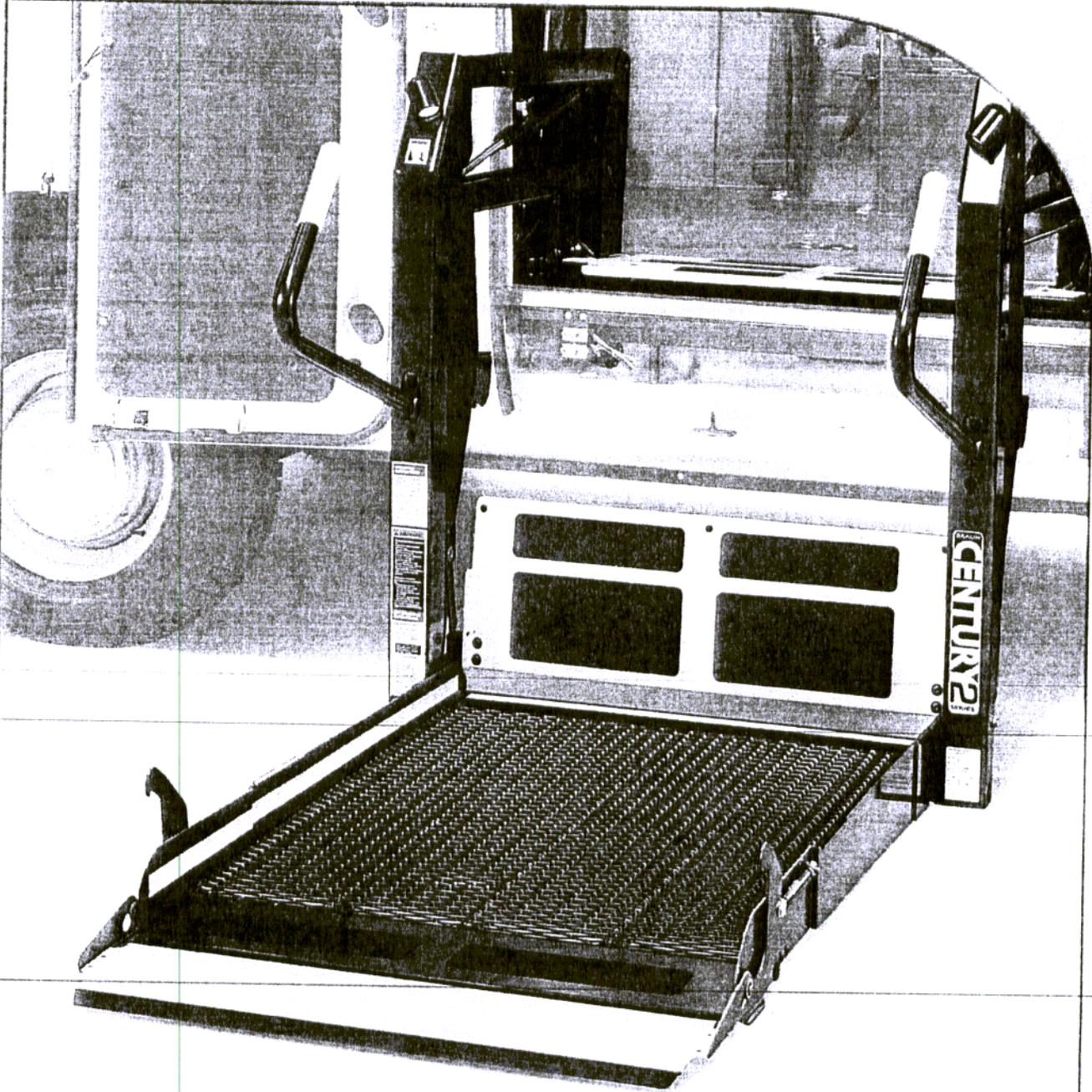
Chicago, Illinois
800-443-4540

WWW.FREEDMANSEATING.COM
e-mail: FSC2@IX.NETCOM.COM

We are constantly updating and improving our seats; therefore we reserve the right to change or modify specifications or materials without notice. All Freedman Seating Company seats meet or



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National Bus Sales and Leasing, Inc.

NCL2 CENTURY-2 SERIES™

NCL2 Century-2 Series™ Features



- fully automatic NHTSA compliant lift, operated by an attendant
- loading position - either direction
- interfaces with OEM interlocks
- lift mounted lights - platform illuminated as it deploys
- hand control with illuminated functions
- locking mechanical Inboard Barrier (IB), powder coated yellow for safety and high visibility, prevents movement if occupied
- pump design prevents platform folding when occupied, quiet operation and low current draw
- durable redesigned baseplate reduces lift weight and allows for quicker and easier service of hose/wiring
- easily installed, step-by-step installation instructions, no peripheral hardware required
- visual and audible warning provides notification of unsafe conditions
- spring-loaded outer barrier that will transition to the fully up position as the platform leaves the ground, has durable rubber nose guard and is powder coated yellow for safety and high visibility
- parallel arms lift with hydraulic cylinders
- side or rear door application
- several platform widths and lengths
- dual handrails for security and convenience
- bridging feature permits the wheelchair user to board the lift from sidewalks or inclines
- floor to ground travel is 48" (54" floor to ground model available)
- lifting capacity is 800 lbs (1000 lbs lifting capacity model available)
- integrated back-up pump
- equipped with an adjustable anti-rattle feature to avoid unpleasant noise in the vehicle during transit
- durable high-gloss powder coated finish
- Lift-Tite system stows the lift platform securely while the vehicle is in transit
- pump module with removable cover offers easy access to all components

NCL2 Century-2 Series™ Models

NCL917IB-2 & NCL917FIB-2

NHTSA Compliant Usable Platform: 33" x 51"

NCL919IB-2 & NCL919FIB-2

NHTSA Compliant Usable Platform: 34" x 51"

NCL954IB3454-2 & NCL954FIB3454-2

NHTSA Compliant Usable Platform: 34" x 54"

F = Front Pump IB = Inboard Barrier For a front-mounted pump assembly, add "F" to the model number when ordering (example: NCL917FIB-2).

General Function: Electrohydraulic, power up/gravity down operation

Operation: Hydraulic pump with two lifting cylinders

Control: hand-held control box

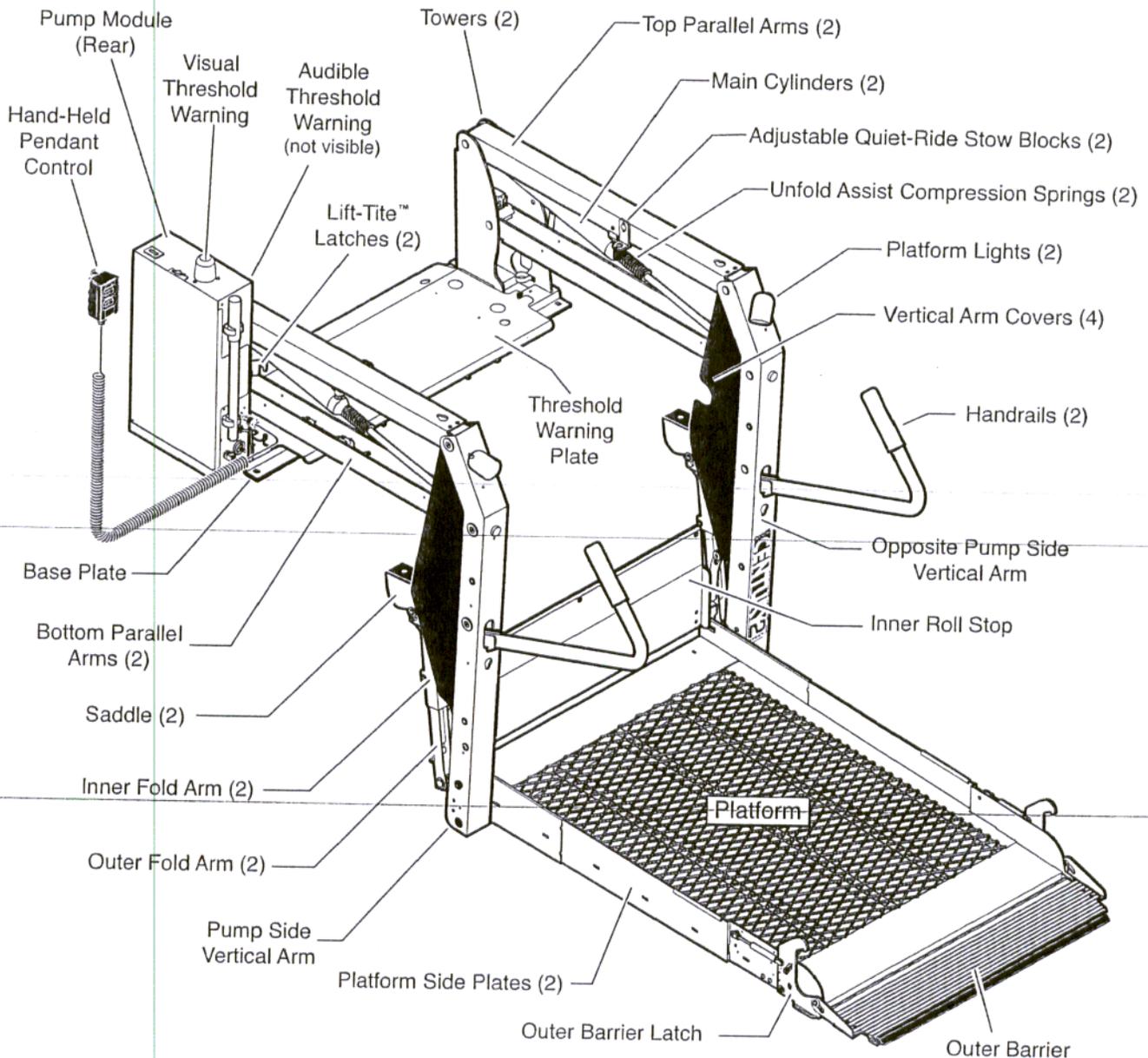
Hydraulic: Pressure Max. 2,495 psi, Fluid is Univis HVI 26, oil reservoir is .33 gal

Construction: Steel structure with powder coat finish

Operating Temperature: 0°F to 140°F

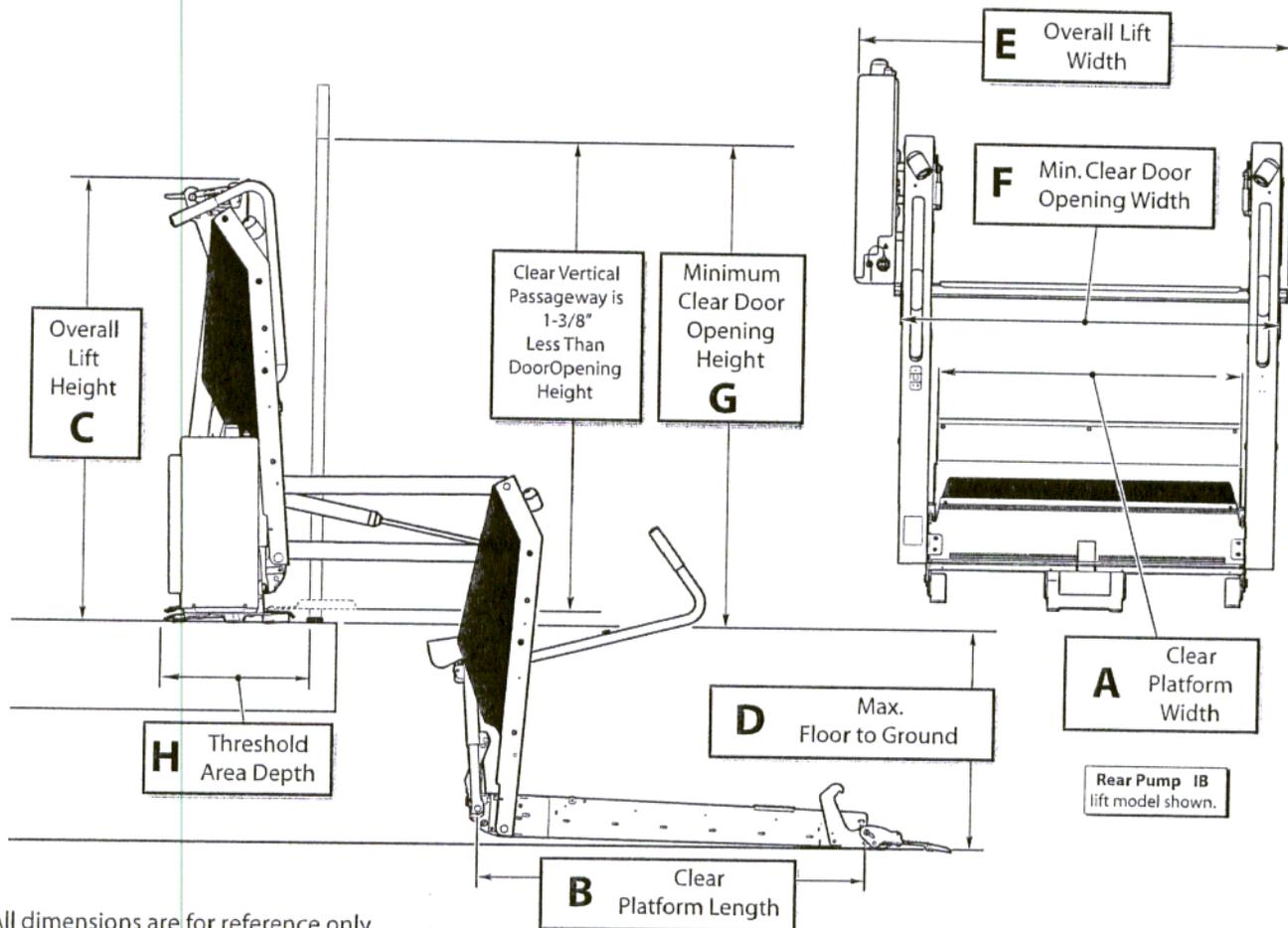
Power Supply: 12VDC

Current Consumption: Max. 70A (12V)



National Bus Sales and Leasing, Inc.

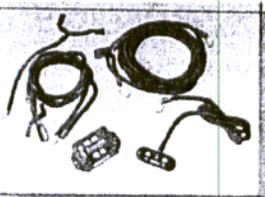
NCL2 Century-2 Series™ Dimensions



All dimensions are for reference only.

NCL2 • Century-2 Series			A	B	C	D	E	F	G	H
Lift Model Number	Lift Weight lbs	Lifting Capacity lbs	Clear Platform Width	Clear Platform Length	Overall Lift Height	Max. Floor to Ground	Overall Lift Width	Min. Clear Door Opening Width	Min. Clear Door Opening Height	Threshold Area Depth
NCL917IB-2 / NCL917FIB-2	358	800	33"	51"	56.25"	48"	46"	42"	57.375"	18"
NCL919IB-2 / NCL919FIB-2	358	800	34"	51"	56.25"	48"	47"	43"	57.375"	18"
NCL954IB3454-2 / NCL954FIB3454-2	406	1000	34"	54"	60.5"	54"	47"	43"	61.625"	19"

NHTSA Interlock Kit Options



* Plug & Play Kits are used in conjunction with Interlock Kits

- 36258 GM Public Use Interlock Kit - 2008 to 2010 Vans
- 32542 GM Public Use Interlock Kit - 2001 to 2007 Vans
- 32543 GM Plug & Play Kit* - 2001 & 2002 Vans
- 36256 Ford Public Use Interlock Kit - 2008 to 2010 Vans
- 32539 Ford Public Use Interlock Kit - 2004 to 2007 Vans
- 32540 Ford Plug & Play Kit* - 2004-2006 with Trans Code A, F or Q
- 33678 Ford Plug & Play Kit* - 2007 with Trans Code Q
- 33303 Sprinter Public Use Interlock Kit - 2006-2011
- 32545 Universal Public Use Interlock Kit

National Bus Sales and Leasing, Inc.

NCL2 Century-2 Series™ Specifications

COMMERCIAL WHEELCHAIR LIFT SPECIFICATIONS - IN COMPLIANCE WITH
United States Department of Transportation Rules and Regulations 49CFR, Part 38.
FROM THE AMERICANS WITH DISABILITIES ACT OF 1990 and NHTSA Rule 403 (2004)
"Provided to make your spec writing easier."

The wheelchair lift is compliant with Federal Motor Vehicle Safety Standard 403 for platform lift systems for motor vehicles. The lift shall have been tested to a minimum static load of 2400#. The lift shall have 800# rated lifting capacity. The base plate shall be a corrugated designed member to provide rigidity to minimize lift deflection when placed under load.

The power supply shall be a 12 volt electro-hydraulic system operating two single-acting cylinders. The hydraulic power pack system shall be of modular design allowing for easy removal and field replacement, if needed. The operation of the unit shall provide a smooth, jerk-free ride in both up and down directions. The power operation of the hydraulic cylinders shall be of a pull-type design for smooth lifting operation and improved synchronous arm movement. The pivot pins in the trunnion (knuckle) of the pivot arms shall be of stationary design. The hydraulic system shall be regulated by two separate relief valves, one of which is designed to prevent accidental stowing when occupied.

The hand control for lift operation shall be of a one-hand operation design made of durable plastic. The hand control will provide user with illuminated functions. The hand control cable shall be coiled with quick-change connections for ease of maintenance or field change.

A manual back-up system shall be provided to ensure operation of the lift in case of electrical failure. The backup system shall provide a reliable means of manually raising and lowering the lift while occupied. The back-up system shall fold and unfold the platform. The back-up pump shall be integrated with the hydraulic power pack system such that no hydraulic lines or fittings are required.

The platform shall be of steel construction and the surface shall be of see-through grating allowing for improved visibility and safer use in inclement weather. The platform shall have a minimum usable wheelchair passageway width of 33 inches and a minimum usable length of 51 inches requiring a 57 inch vertical clear door opening. The sides of the platform shall be a minimum of 2-1/2 inches high.

The platform shall be automatically folded and unfolded and fully automatic in operation. The platform shall allow both inboard and outboard facing of wheelchair and mobility aid users. The platform entrance ramp shall be extruded aluminum for weight savings, have a rubber leading edge and raised ribs for traction. The outer barrier must not raise if occupied with 25 lbs. The outer barrier shall be the sole outboard wheelchair retention device and shall be interlocked and comply with the FMVSS 403 requirements. Dual handrails shall be provided to add security and convenience. These handrails shall be 1-1/4 inch minimum diameter, minimum 30 inches in height, minimum of 8 inches in length, and withstand a 100# force in any direction (including vertical) without permanent deformation. The lift must have a fail safe system to prevent stowing if solenoid welds. The platform shall have "built in" lighting to meet 404 platform lighting requirements with no auxiliary lighting.

All lift components shall be finished with a baked-on powder coating, which will meet a salt spray test of 1000 hours, to provide corrosion resistance and a long service life. Braun Century 2 Series to include but not limited to the following model numbers:

- NCL917IB-2, NCL917FIB-2, NCL919IB-2, NCL919FIB-2, NCL954IB3454-2, NCL954FIB3454-2

National Bus Sales and Leasing, Inc.

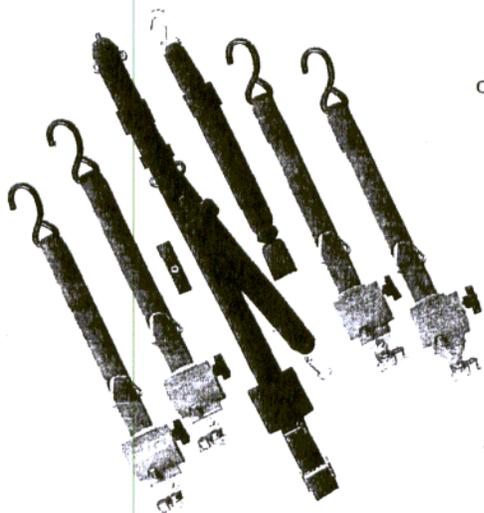


www.braunlift.com

ISO 9001:2000

631 West 11th Street, Winamac, IN 46996, USA Phone: 574 946 6153 Fax: 574 946 4670

L Track Systems



NEW!
Crank Retractors
are all identical

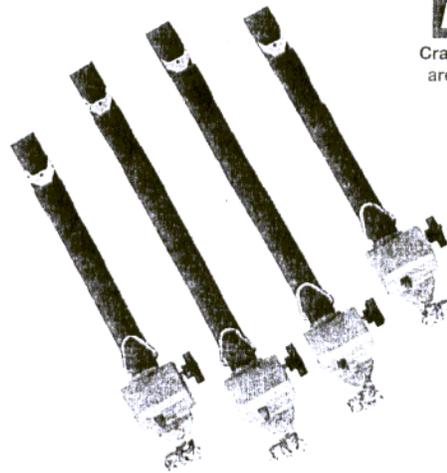


Pictured above

With Buckle And
Buckle Connector

Five Retractor Kit - Series L

- 1 - FE200771 Fixed-Point Mount Occupant Restraint Retractor with Height Adjuster
- 1 - FE200771-1 Occupant Restraint Buckle Connector Assembly
- 4 - FE200855S Crank Retractor Assembly with D-Ring and S-Hook



NEW!
Crank Retractors
are all identical

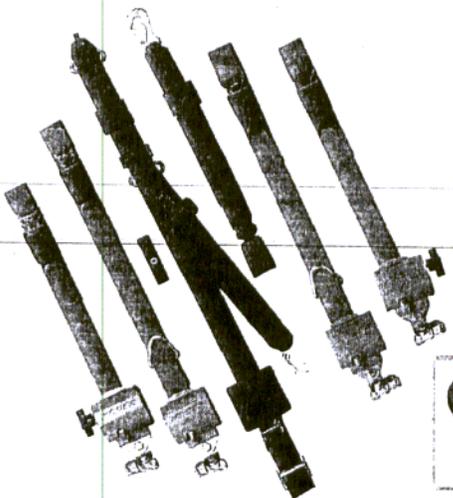


Pictured above

with S-Hook

Four Retractor Kit - Series L

- * 4 - FE200855 Right-Hand Crank Retractor Assembly with D-Ring

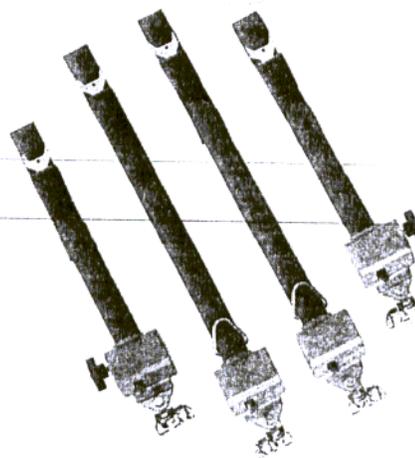


Pictured above

with S-Hook

Five Retractor Kit - Series L

- 1 - FE200771 Fixed-Point Mount Occupant Restraint Retractor with Height Adjuster
- 1 - FE200771-1 Occupant Restraint Buckle Connector Assembly
- * 2 - FE200824 Rear Retractor Assembly
- * 1 - FE200828 Left-Hand Front Crank Retractor Assembly
- * 1 - FE200827 Right-Hand Front Crank Retractor Assembly



Pictured above

with S-Hook

Four Retractor Kit - Series L

- * 2 - FE200824 Rear Retractor Assembly
- * 1 - FE200828 Left-Hand Front Crank Retractor Assembly
- * 1 - FE200827 Right-Hand Front Crank Retractor Assembly

* For S-Hook Kits and securement assemblies add an "S" at the end of part number. Example FE200775S

SURE-LOK
WHEELCHAIR TIE-DOWNS & OCCUPANT RESTRAINT SYSTEMS

National Bus Sales and Leasing, Inc.

BUS AIR CONDITIONING

ACT BY PROAIR

EZ-5 EVAPORATOR

Dual Compressor System

THE A.C.T. **EZ-5** EVAPORATOR IS DESIGNED FOR FREE-BLOW CEILING MOUNT APPLICATIONS. WE HAVE MANUFACTURED THIS EVAPORATOR SPECIFICALLY FOR THE TRANSPORTATION INDUSTRY.

IT'S ENHANCED PERFORMANCE, SERVICEABILITY, AND INSTALLATION EASE ARE THE RESULT OF MANY YEARS' EXPERIENCE IN THIS INDUSTRY.



ADVANCED FEATURES

- Unique Louver Design Enhances Airflow Throughout The Vehicle
- Pressure Switches Located At The Evaporator For Maximum Compressor Protection
- Internally Enhanced Rifled Copper Tubing Coils Increases System Performance
- 100% O-Ring Connections For Maximum Leak Protection
- Low Profile Design For Added Headroom
- Unitized Drain Pan Construction Eliminates Condensate Problems

OPTIONS

- Adjustable or Fixed Air Outlet Louvers
- 12 Volt or 24 Volt Motors

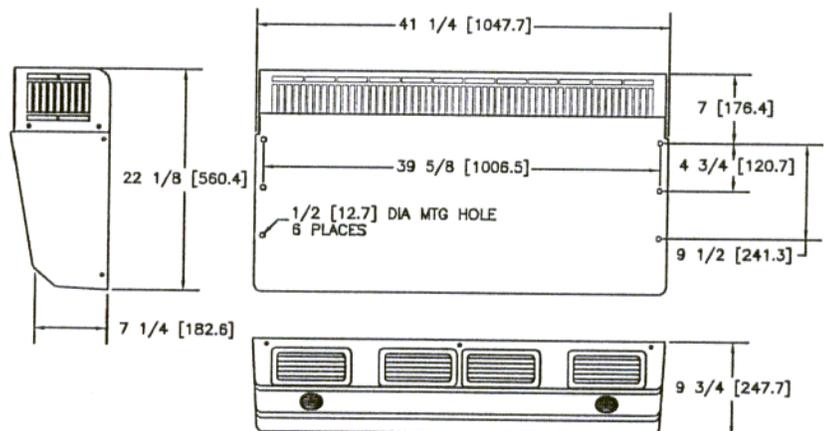
National Bus Sales and Leasing, Inc.

**2 YEAR
LIMITED WARRANTY**

SPECIFICATIONS

COOLING CAPACITY: up to 60,000 Btu/Hr
AIRFLOW: 1600cfm (2712 m3/hr)
AMPERAGE DRAW: 18 Amps @ 13.5 Volts
 9 Amps @ 27 Volts
WEIGHT: 67 lbs.
FILTER: Cleanable Aluminum Mesh

Specifications subject to change without notice.



AMERICAN COOLING TECHNOLOGY, Inc.

www.actusa.us.com

715 Willow Springs Lane, York, PA 17406

Tel: 717.767.2775 ~ Fax: 717.767.3658

Toll Free: 877.228.4247

ACT BY PROAIR

SUCCESS THROUGH SIMPLICITY

RELY ON OUR EXPERIENCE TO PROPERLY APPLY YOUR BUS AIR CONDITIONING SYSTEM

BUS AIR CONDITIONING

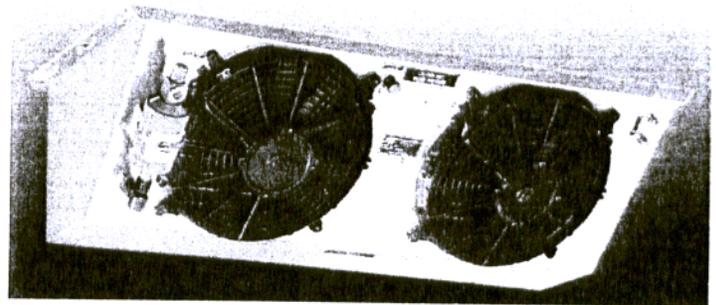
ACT PROAIR

CS-2 CONDENSER

Dual Compressor System

THE A.C.T. **CS-2** CONDENSER IS DESIGNED FOR SKIRT MOUNT APPLICATIONS. WE HAVE MANUFACTURED THIS CONDENSER SPECIFICALLY FOR THE TRANSPORTATION INDUSTRY.

IT'S LOW PROFILE, LIGHT WEIGHT ALUMINUM STRUCTURE, ENHANCED AIRFLOW, PERFORMANCE, SERVICEABILITY, AND INSTALLATION EASE ARE THE RESULT OF MANY YEARS' EXPERIENCE IN THIS INDUSTRY. THIS CONDENSER IS DESIGNED TO PERFORM IN EXTREME HOT CLIMATES AND THE MOST DEMANDING TRANSIT APPLICATIONS.



ADVANCED FEATURES

- Highgrade, Lightweight, Rust Proof Aluminum
- Internally Enhanced Rifled Copper Tubing Increases System Performance
- Integral Sightglass/Filter Drier and 100% O-Ring Connections For Maximum Leak Protection
- Unequalled Heat Rejection....
 - Lower Cooling Temperatures
 - Lower Head Pressures
- 12 Inch Diameter Fan for Increased Airflow
- Sealed Motor Design
- Two Electrical Connections

OPTIONS

- Optional 30 Cu. In. Filter Drier
- Condenser or Skirt Mounted Air Inlet Grill
- 12 Volt or 24 Volt Motors
- Winter Protection Kit

2 YEAR LIMITED WARRANTY and Leasing, Inc.

AMERICAN COOLING TECHNOLOGY, Inc.

www.actusa.us.com

715 Willow Springs Lane, York, PA 17406

Tel: 717.767.2775 ~ Fax: 717.767.3658

Toll Free: 877.228.4247

SPECIFICATIONS

RATING: 60,000 Btu/Hr

AIRFLOW: 2460 cfm (3136 m3/hr)

AMPERAGE DRAW: 23 Amps @ 13.5 Volts

11 Amps @ 27 Volts

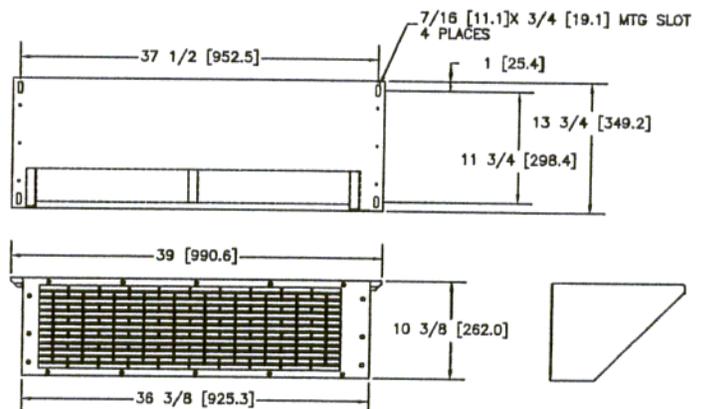
CONDENSER FANS: 12 Inch Diameter, Sealed Motors

FILTER DRIER/SIGHTGLASS: 16 Cu. Inch

Displacement w/ Moisture Indicator

WEIGHT: 40 lbs.

Specifications subject to change without notice.



ACT PROAIR

SUCCESS THROUGH SIMPLICITY

RELY ON OUR EXPERIENCE TO PROPERLY APPLY YOUR BUS AIR CONDITIONING SYSTEM

DEALER AGREEMENT

This agreement effective the 1st day of September, 2010, is entered into between Forest River Inc., an Indiana corporation, located at 55470 County Rd. 1, Elkhart, Indiana, 46515 (hereinafter known as "FR"), and National Bus Sales & Leasing Inc., a corporation with corporate offices located at 800 Pickens Drive, Marietta, GA. 30062, (hereinafter known as "DEALERSHIP"), with sales and services facility locations as defined in Appendix "A" of this agreement.

Whereas DEALERSHIP is desirous of selling products produced by Elkhart Coach, a Division of Forest River, Inc., (hereinafter known as "EC") and whereas "FR" hereby appoints DEALERSHIP as an authorized dealer of said bus products, the following covenants shall govern this Dealer Agreement:

I. Undertakings by the DEALERSHIP

The DEALERSHIP agrees:

- A. To maintain a minimum inventory of two (2) "EC" bus demonstrators covered by this agreement which will be prominently and attractively displayed at Dealership's facility and presented by competent sales personnel, and maintain a supply of parts adequate to service such products. DEALERSHIP also agrees to take delivery of and resell within each of the dealer's assigned "EC" sales territory, a minimum quantity of "EC" busses, (as defined in Appendix "B", of this agreement), during the first twelve- (12) month period of this agreement. The DEALERSHIP will not relocate or move his place of business without the prior consent of "FR", which shall not be unreasonably withheld.
- B. To diligently advertise, promote, display and sell the products covered by this agreement throughout the described territory at the expense of the DEALERSHIP; including display in at least one (1) public show annually in the vicinity of the Dealership's place of business. It will actively follow up on all sales leads provided by "FR" and cooperate with it in later evaluation of these leads. Further, that it will fully utilize to the best of its ability all marketing aids and sales training programs offered by "FR" to the DEALERSHIP. "FR" will provide literature, ad slicks and/or other materials it may have available at its discretion.
- C. To completely and properly service each new vehicle before resale, and promptly remit to "FR" the Retail Warranty Registration cards with the full name and mailing address of the purchaser of "FR" products.

National Bus Sales and Leasing, Inc.

II. Region

- A. "FR" agrees to give DEALERSHIP the opportunity to promote and sell "EC" products in the following non-exclusive area(s) of responsibility:

States of Alabama, Arkansas, Georgia, Louisiana, Mississippi, Tennessee, Texas and South Carolina.

- B. DEALERSHIP hereby acknowledges and agrees that the failure to maintain any of the above terms in Paragraph I may result in another dealer receiving priority in any or all of the assigned area(s) of responsibility.

III. Termination

If either party shall fail to observe his, their or its undertakings expressed in this agreement, the other party may give 30 days written notice of intent to cancel for any stated reason(s). Either party can terminate this agreement without cause with 60 days written notice. Either termination notice shall be sent to the other party by U.S. Certified Mail, postage prepaid, with return receipt requested. Notification of cancellation or termination will conform to the statutes required for the State of Indiana.

Any payments due "FR" from the DEALERSHIP are due and payable in full to "FR" on or before the expiration of five (5) days from the date of such termination. If such payments are not paid to "FR" within said time period, the balance due FR shall earn interest at the rate of 1½% per month.

Any change of ownership or controlling ownership of DEALERSHIP will automatically cancel this agreement. Re-issuance of a Dealer Agreement to subsequent owner(s) shall be at the discretion of "FR" and sufficient time and notice will be given to "FR" to investigate any new owner(s) before the issuance of a New Dealer Agreement.

IV. Delays and Damages

Company will not be liable if order deadlines are not met due to supply of chassis, other suppliers and/or vendors, labor situations, and other matters beyond our control.

- Appendix A -

(Sales & Service Locations – National Bus Sales & Leasing Inc.)

1. National Bus Sales & Leasing Inc.
P.O. Box 6549
800 Pickens Drive
Marietta, GA. 30062

2. National Bus Sales & Leasing Inc.
15580 Hwy. 114
Justin, TX. 76242

3. National Bus Sales & Leasing, Inc.
700 South German Lane
Conway, AR 72034

National Bus Sales and Leasing, Inc.

2/15/06

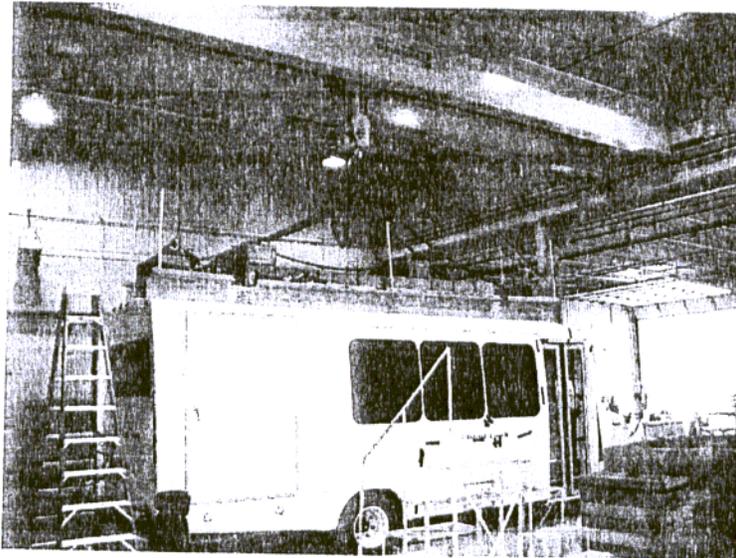


Bosch Automotive Proving Grounds
32104 State Road 2
New Carlisle, IN 46552

Phone: (574) 654-4000
Facsimile: (574) 654-8755

BPT-06035

**FMVSS 220 School Bus Rollover Protection Test
performed on a Elkhart Coach 2 axle
transit style vehicle (E-450 Chassis)**



Date Issued: February 15, 2006

**Performed By:
Bosch Automotive Proving Grounds
32104 State Road 2
New Carlisle, Indiana 46552**

National Bus Sales and Leasing, Inc.

Bosch Automotive Proving Grounds

32104 State Road 2
New Carlisle, IN 46552

Phone: (574) 654-4000
Facsimile: (574) 654-8755



Author: Rich Pilarski
Issued To: Nathan Miles
Elkhart Coach
52948 Glenview Drive
Elkhart, IN 46514
cc: N/A

Report Number: BPT-06035
Report Date: February 15, 2006
Page: 1 of 2
Request Number: Quote No. 04973

Subject: FMVSS 220 School Bus Rollover Protection Test performed on an Elkhart Coach 2 axle transit style vehicle (E-450 Chassis). V.I.N.1FDXE45P25HB31819.

Objectives: The purpose of this testing was to evaluate the structural performance characteristics of the subject test vehicle when tested in accordance with the requirements of the Federal Motor Vehicle Safety Standard Number 220 (FMVSS 220).

Conclusions: The subject vehicle met all of the requirements of the FMVSS 220 School Bus Rollover Protection Test related to structural performance.

Results: Attachment "B" presents photographs of the vehicle during the test. Results of the subject vehicle relative to the standard are illustrated below:

	<u>Required</u>	<u>Test</u>
Max Applied Load	15,645 lbs	15,650 lbs
Max Allowed Deflection	≤ 5.12 in	3.31 in
Emergency Exits	Able to open under load.	All exits opened under load.

Test Information: Static Load Weight = Curb Weight x 1.5 = 15,645 lbs.

Application Plate: 36" x 240" constructed of 3/4" plywood and steel "I" beams.

Discussion: The load was applied using a fixture constructed of plywood and steel "I" beams with weight blocks and bags used to achieve the target load of 15,645 lbs. The fixture width and length measured 36" x 240". The 240" length value was 12" less than the vehicle roof structure (as seen from the top projected view that coincided with the passenger and driver compartment).

Initial zero measurements were obtained with the unloaded fixture placed atop the vehicle. The unloaded fixture weighed 1330 lbs.

The measurements from six locations were obtained visually using yardsticks that were attached to the load fixture. A laser level set in a fixed position was used to shine a beam onto the yardsticks and the corresponding yardstick measurement at the beam was recorded.

Parts Tested: See Attachment A, page 1

Bosch Automotive Proving Grounds

32104 State Road 2
New Carlisle, IN 46552

Phone: (574) 654-4000
Facsimile: (574) 654-8755



BOSCH

Report Number: BPT-06035

Page: 2 of 2

Test Procedure: Federal Motor Vehicle Safety Standard Number 220 (FMVSS 220); reference 49CFR571.220, October 1, 2005 Edition.

Written By: Rich Pilarski
Rich Pilarski
Senior Engineer

Approved By: T. D. Llewellyn
T. D. Llewellyn
Sr Engineering Supervisor

Approved By: R. A. Zander
R. A. Zander
Engineering Manager

- Attachments:
- A. Vehicle Information Sheet (1 page)
Data Sheet (1 page)
 - B. Photographs – Before and during application of load (3 pages)
Photographs – Opening all exits during weight application (3 pages)
Photographs – Interior of vehicle with load applied (1 page)

**FMVSS 220
SCHOOL BUS ROLLOVER PROTECTION TEST**

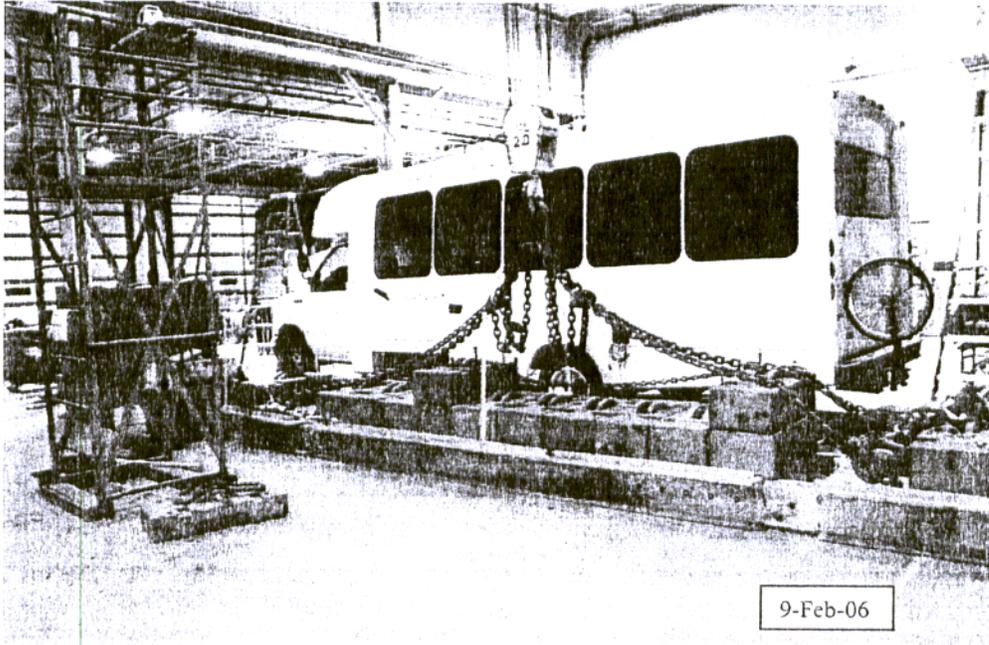
A. GENERAL VEHICLE INFORMATION

Vehicle Make:	Elkhart Coach (Ford E-450)	Engine Type:	Diesel-V-8
Year:	2005	Displacement:	6L
Manufacture Date:	2/1/05	Trans Type:	Automatic
V.I.N.	1FDXE45P25HB31819	Speeds:	4
		Wheel Base:	186"

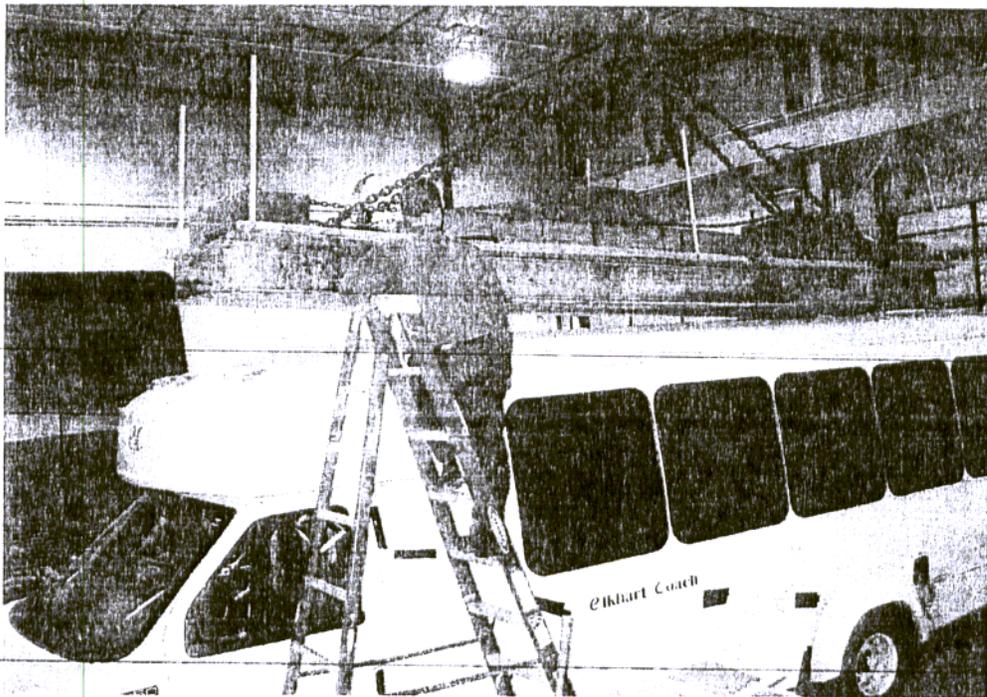
B. VEHICLE WEIGHT (lbs)

	Curb
Front Axle:	4090
Rear Axle:	6340
Total:	10430

Photos of Fixture and Fixture on Vehicle
BPT-06035

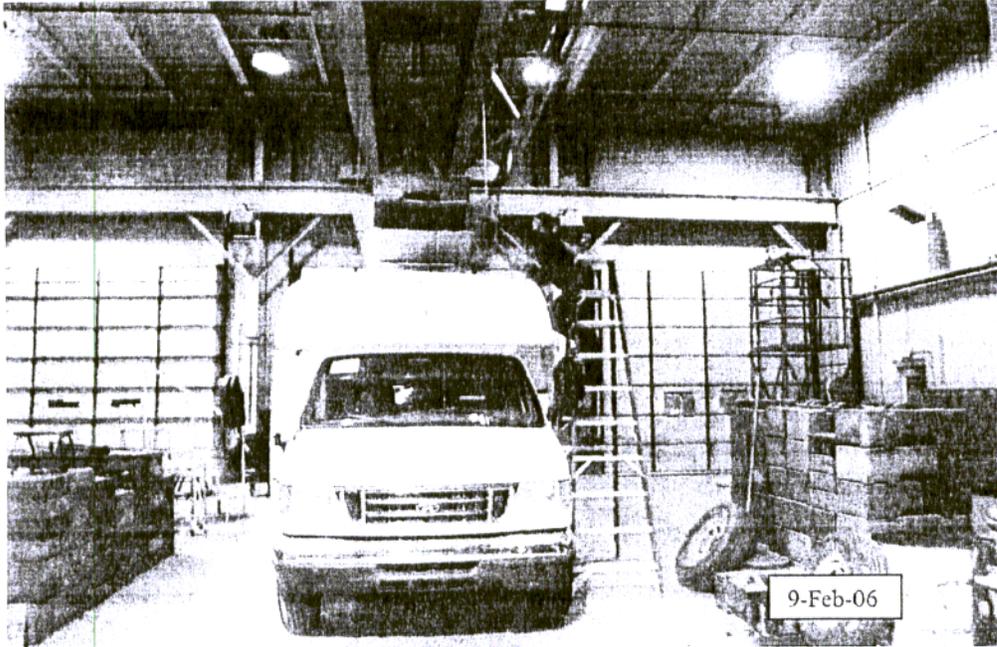


Fixture on Ground

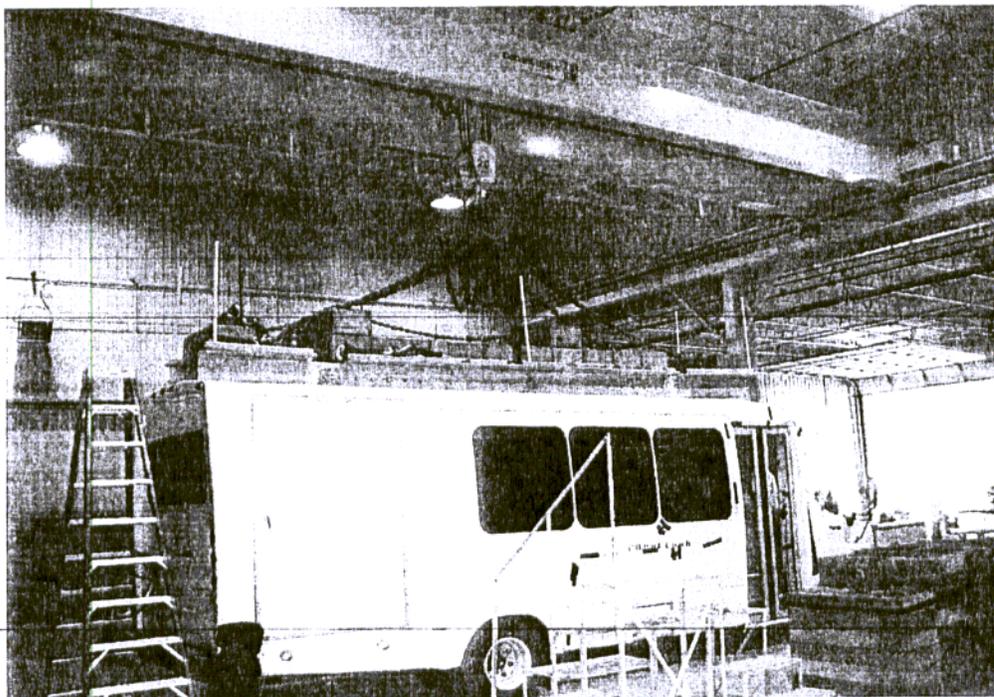


Load being set on vehicle

Photos of Fixture and Fixture on Vehicle
BPT-06035

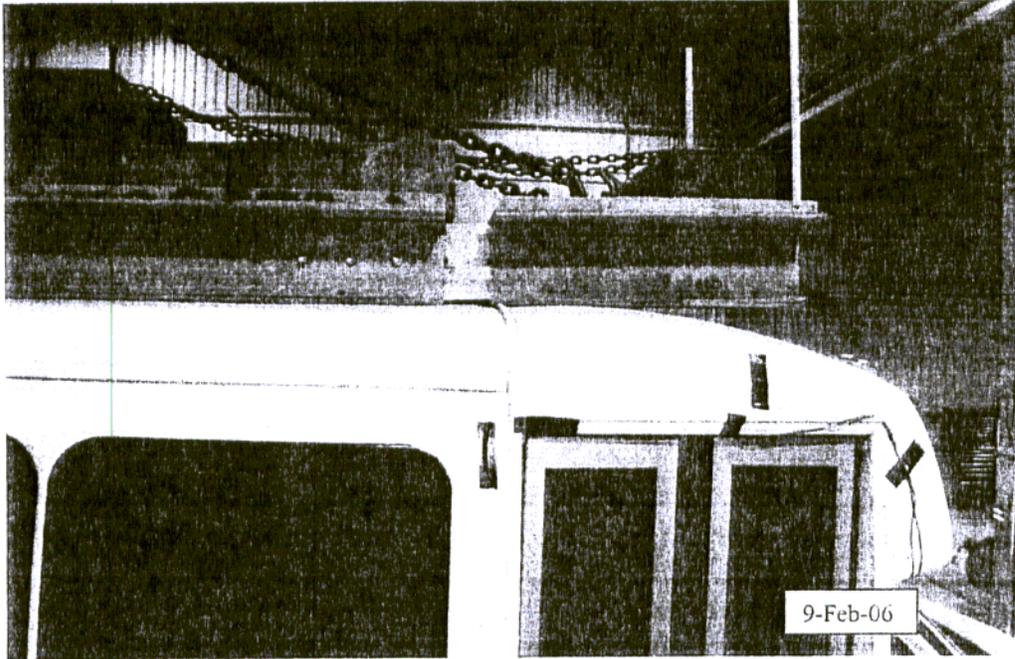


Load being lowered onto vehicle's roof

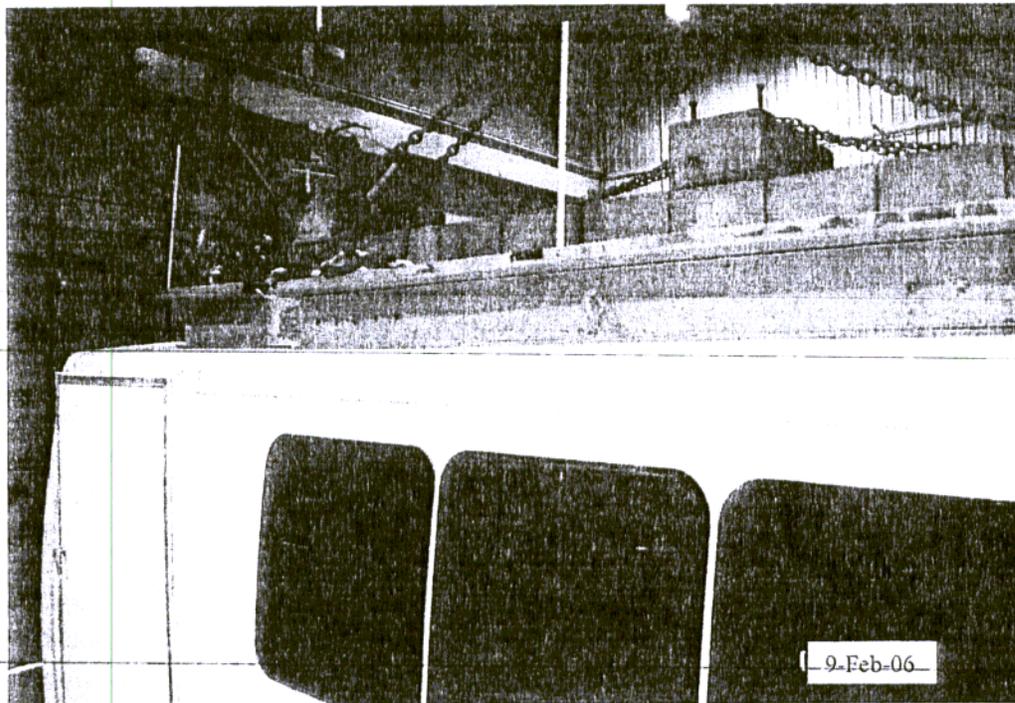


Load Resting on Roof

Photos of Fixture and Fixture on Vehicle
BPT-06035



Load on Roof – Close-up

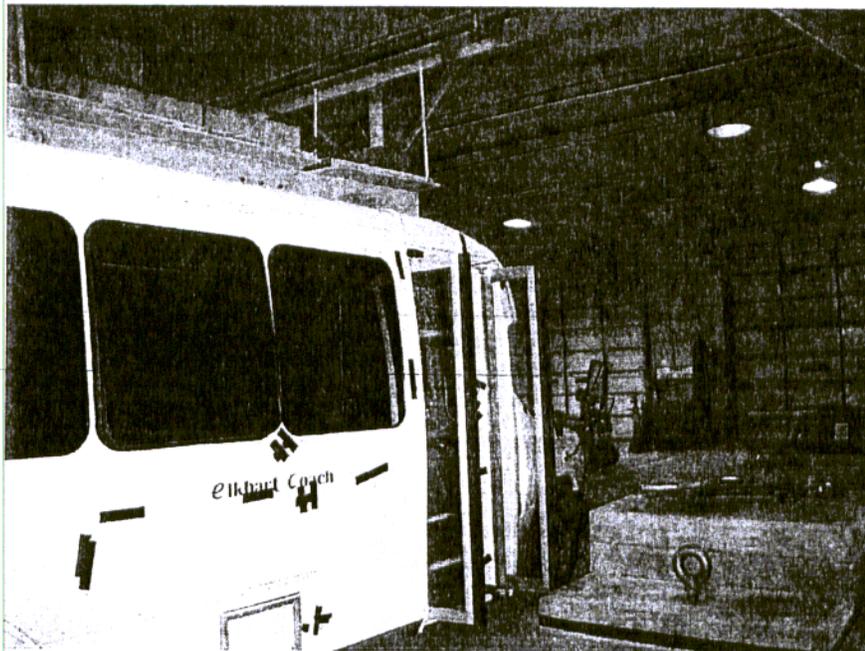


Load on Roof – Close-up

Doors and Emergency Windows – Opened While load on Roof
BPT-06035

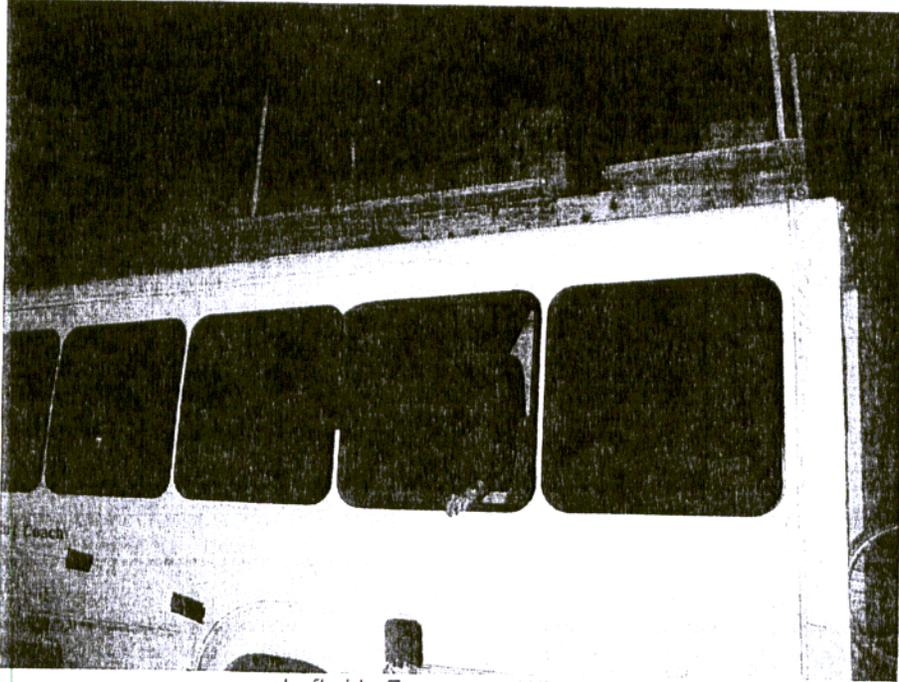


Driver Door

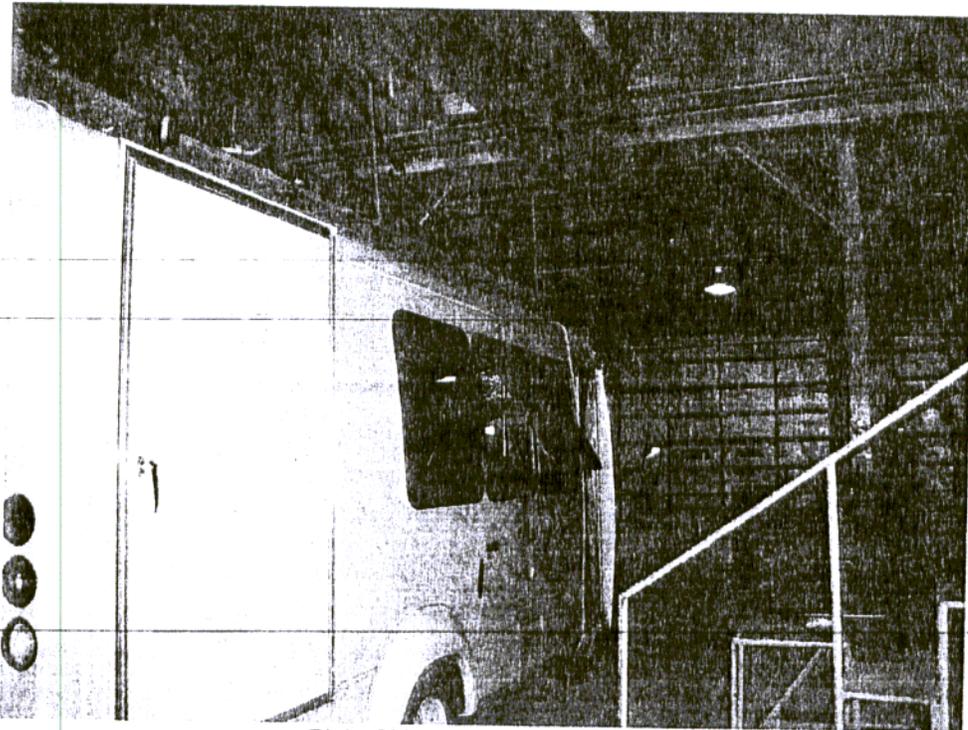


Right Side Entry Door

Doors and Emergency Windows – Opened While load on Roof
BPT-06035



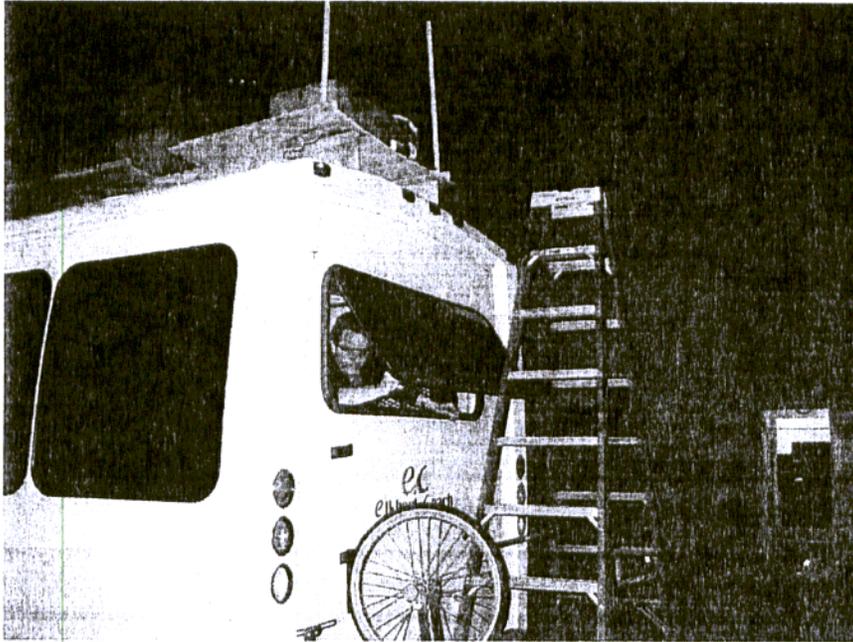
Left side Emergency Window



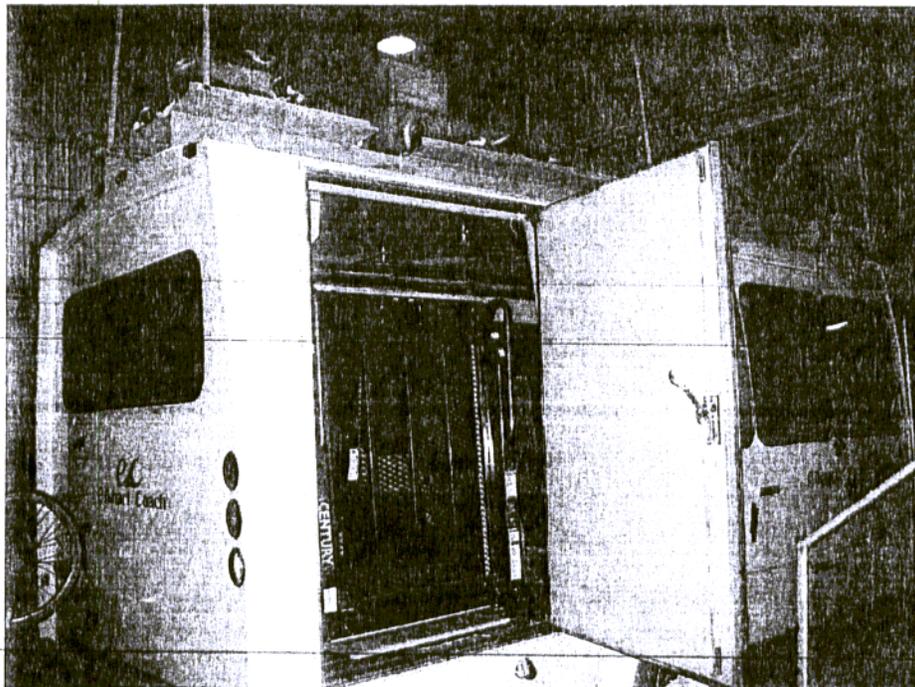
Right Side Emergency Window

National Bus Sales and Leasing, Inc.

Doors and Emergency Windows – Opened While load on Roof
BPT-06035

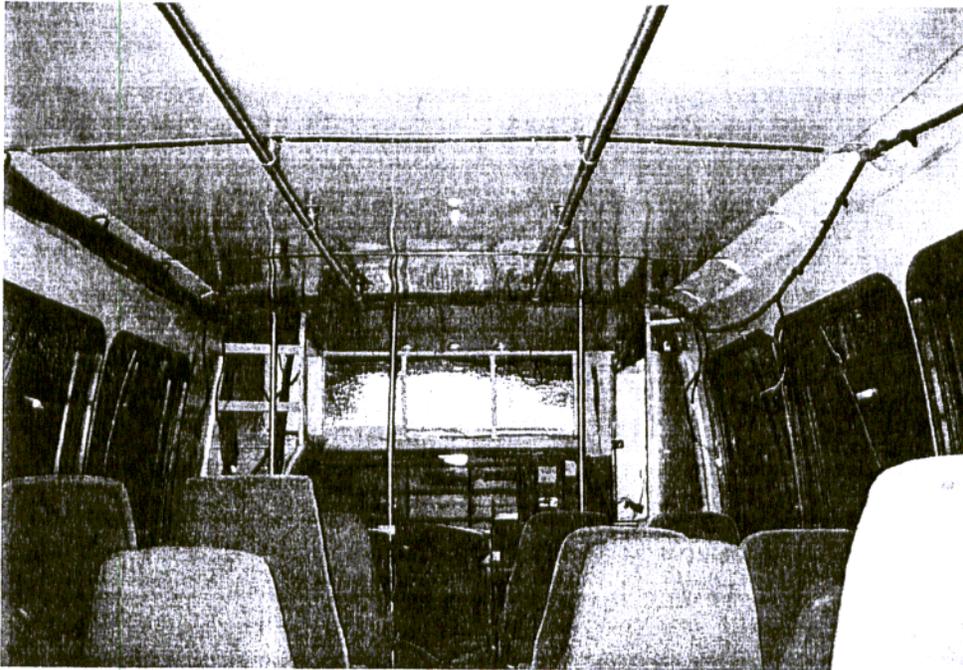


Rear Emergency Window

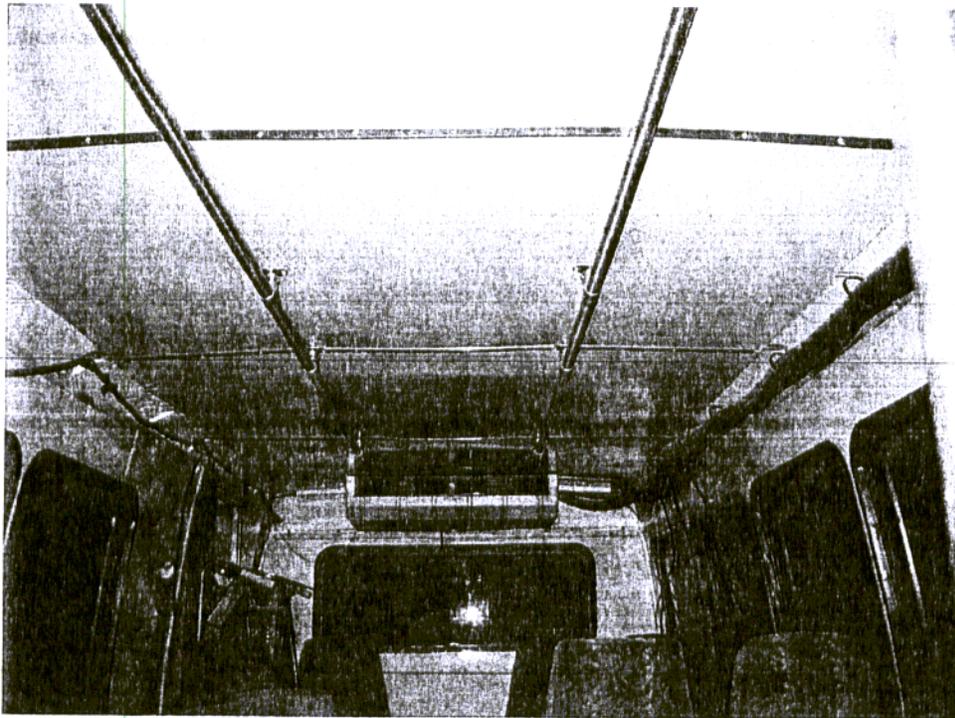


Rear Door

Interior of Vehicle with Load Applied
BPT-06035



Interior View – Looking Forward



Interior View – Looking Rearward

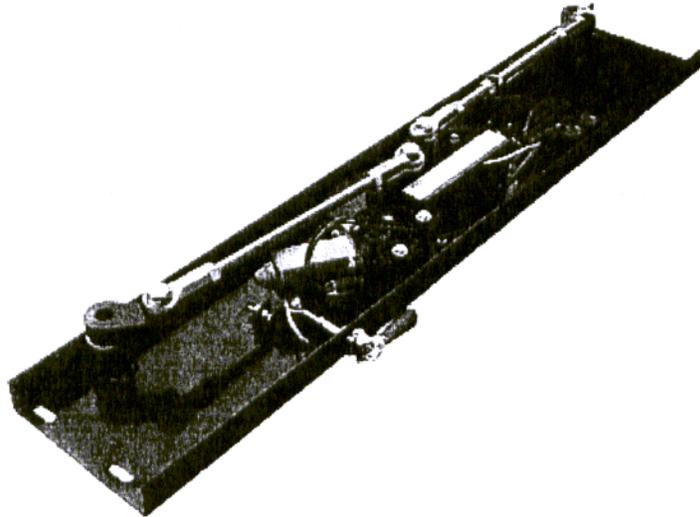


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Electric Door Actuators



Product Features

- ┆ Low-profile design
- ┆ Powder-coated base plate
- ┆ Plated push rods
- ┆ Permanently lubricated pivot points
- ┆ [Motor Control PC Board](#)
- ┆ [Proprietary, heavy-duty motor](#)
- ┆ [Available remote control](#)
- ┆ 1-year warranty
- ┆ New! Optional Auto Reopen Switch

Harmony of Movement

- ┆ Our design produces completely perpendicular door opening--always.
- ┆ Forward door opens first and closes last--always.
- ┆ No need to rely on spring-loaded push-pull rods--ever.

Secure Closing

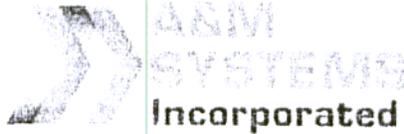
- ┆ Our design ensure an unequalled, strong closing.
- ┆ The actuator will reliably hold the door shut, even at highway speeds.

Serviceability

- ┆ The reliability of the design,
- ┆ together with the ease-of-access,
- ┆ and the documentation tools we provide,
- ┆ work together to create unparalleled serviceability.

Maintenance

Minimal periodic maintenance of this product is recommended. The frequency varies, of course, by climate and use. Periodically **inspect** the entire mechanism.

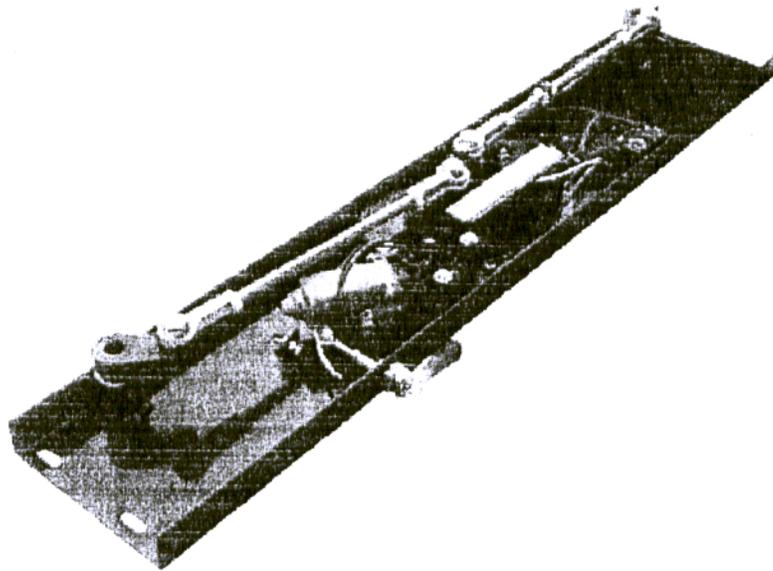


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Electric Door Actuators



Product Features

- Low-profile design
- Powder-coated base plate
- Plated push rods
- Permanently lubricated pivot points
- Motor Control PCB Board
- Proprietary heavy-duty motor
- Available remote control
- 1-year warranty
- New! Optional Auto Reopen Switch

Harmony of Movement

- Our design produces completely perpendicular door opening--always.
- Forward door opens first and closes last--always.
- No need to rely on spring-loaded push-pull rods--ever.

Secure Closing

- Our design ensure an unequalled, strong closing.
- The actuator will reliably hold the door shut, even at highway speeds.

Serviceability

- The reliability of the design,
- together with the ease-of-access,
- and the documentation tools we provide,
- work together to create unparalleled serviceability.

Maintenance

Minimal periodic maintenance of this product is recommended. The frequency varies, of course, by climate and use. Periodically **inspect** the entire mechanism.

As a rule, **lubricate** all moving parts on a semi-annual basis using a white, lithium, aerosol grease.

Support Documentation

- [Expanded Parts Lists \(pdf, 862 KB\)](#)
- [Parts Lists](#)
 - [Model 1000E Family \(pdf, 19.3 KB\)](#)
 - [Model 1100E Family \(pdf, 19.3 KB\)](#)
 - [Model 1200E Family \(pdf, 19.3 KB\)](#)
 - [Model 1300E Family \(pdf, 19.3 KB\)](#)
 - [Model 1400E Family \(pdf, 19.3 KB\)](#)
 - [Model 1500E Family \(pdf, 19.3 KB\)](#)
 - [Model 1600E Family \(pdf, 19.3 KB\)](#)
 - [Model 2100E Family \(pdf, 19.3 KB\)](#)
 - [Model 2300E Family \(pdf, 19.3 KB\)](#)
- [Assembly & Rigging Instructions \(pdf, 98 KB\)](#)
- [Replacements](#)
 - [Actuator Arm Replacement \(pdf, 21 KB\)](#)
 - [Emergency Release Lever Replacement \(pdf, 21 KB\)](#)
 - [Forward Gear Replacement \(pdf, 21 KB\)](#)
 - [Motor Replacement \(pdf, 20 KB\)](#)
 - [PC Board Replacement, Quick Check Knobbed \(pdf, 21 KB\)](#)
 - [PC Board Replacement, Standard \(pdf, 21 KB\)](#)
- [Troubleshooting](#)
 - [Motor Control PC Board with Auto Release \(pdf, 10 KB\)](#)
- [Simplified Schematic \(pdf, 75 KB\)](#)
- [Wireless remote control list \(pdf, 158 KB\)](#)



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FMVSS/CMVSS Compliance Summary - 2006-2007

The following information describes briefly the FMVSS standards and the Compliance Action that has been taken by either Elkhart Coach, the chassis manufacturer or both. This summary is not intended to replace the standards on file at Elkhart Coach, but is intended to briefly describe and summarize them.

FMVSS No.	Standard Description	Compliance Action
101	Control Location, Identification and Illumination	Elkhart Coach does not alter the OEM controls or displays. Any added components, controls or displays subject to the standard meet this standard.
102	Transmission Shift Lever Sequence, Starter Interlock & Transmission Braking Effect	Compliance is deferred to the chassis manufacturer.
103	Windshield Defrosting & Defogging Systems	Compliance is deferred to the chassis manufacturer.
104	Windshield Wiping & Washing Systems	Compliance is deferred to the chassis manufacturer.
105	Hydraulic Brake Systems	Test data kept on file for vehicles that have had the frame stretched, or have had other system modifications.
106	Brake Hoses	Brake hoses are not altered. Compliance is deferred to the chassis manufacturer.
108	Lamps, Reflective Devices & Associated Equipment	Elkhart Coach does not alter OEM lighting. Additional lighting to include brake, turn, clearance and reverse lamps meet standard. Data on file.
111	Rear View Mirrors	All aftermarket mirrors installed by Elkhart Coach meet this standard and DOT regulations.
112	Headlamp Concealment Devices	Elkhart Coach does not manufacture vehicles with headlamp concealment devices.
113	Hood latch systems	Compliance is deferred to the chassis manufacturer.
114	Theft Protection	Compliance is deferred to the chassis manufacturer.
115	Vehicle Identification Number	Compliance is deferred to the chassis manufacturer.
116	Hydraulic Brake Fluids	Elkhart Coach does not alter brake systems. Vehicles with stretched frames have additional fluid added by the facility performing the chassis stretch using OEM instruction and materials. All other system modifications utilize only OEM-approved fluid.
118	Power Operated Window, Partition, and Roof Panel Systems	Compliance is deferred to the chassis manufacturer.
120	Tire Selection and Rims for Motor Vehicles Other Than Passenger Cars	Compliance is deferred to the chassis manufacturer.
121	Air Brake Systems	All vehicles manufactured by Elkhart Coach are not equipped with air brake systems.
124	Accelerator Control Systems	Elkhart Coach does not alter the OEM accelerator system, with the exception of the addition of aftermarket fast idle systems on some vehicles. These systems meet this standard when installed in accordance with instructions.
203	Impact Protection for the Driver from the Steering Control System	Compliance is deferred to the chassis manufacturer.

National Bus Sales and Leasing, Inc.



FMVSS/CMVSS Compliance Summary - 2006-2007

The following information describes briefly the FMVSS standards and the Compliance Action that has been taken by either Elkhart Coach, the chassis manufacturer or both. This summary is not intended to replace the standards on file at Elkhart Coach, but is intended to briefly describe and summarize them.

FMVSS No.	Standard Description	Compliance Action
204	Steering Control Rearward Displacement	Compliance is deferred to the chassis manufacturer.
205	Glazing Materials	No modifications are made to the OEM Glazing materials. Additional glazing materials meet the standard. Test data on file.
207	Seating System	All seating installed by Elkhart Coach meets this standard. Test data on file.
208	Occupant Crash Protection	No alterations are made to the OEM seat bolts, air bag systems or associated hardware. Any seat belt systems added meet the standard. Test data on file.
209	Seat Belt Assemblies	No alterations are made to the OEM seat belts or associated hardware. Any seat belt systems added meet the standard. Test data on file.
210	Seat Belt Assembly Anchorage	No alterations are made to the OEM seat bolts or associated hardware. Seat belt systems and their installation meet the standard. Test data on file.
212	Windshield Mounting	Compliance is deferred to the chassis manufacturer.
217	Bus Window Retention and Release	No modifications are made to the OEM windows. Additional windows meet the standard. Test data on file.
219	Windshield Zone Intrusion	Compliance is deferred to the chassis manufacturer.
220	School Bus Rollover Testing	All vehicles manufactured by Elkhart Coach are not completed to be used as school buses, however, Elkhart Coach has tested to this standard.
221	School Bus Body Joint Strength	All vehicles manufactured by Elkhart Coach are not completed to be used as school buses, however, Elkhart Coach has tested to this standard. Test data on file.
222	School Bus Passenger Seating and Crash Protection	All vehicles manufactured by Elkhart Coach are not completed to be used as school buses.
225	Child Restraint Anchorage Systems	All vehicles manufactured by Elkhart Coach exceed the applicability of this Standard (10,000 lbs GVWR). Elkhart Coach makes no statement as to conformity to this Standard.
302	Flammability of Interior Materials	All materials installed in the interior of Elkhart Coach products meet the standard. Test data on file.
303	Fuel System Integrity of Compressed Natural Gas Systems	Elkhart Coach does not typically produce vehicles with CNG systems. All vehicles equipped with CNG systems exceed the applicability (10,000 lbs or less) of this standard.
304	Compressed Natural Gas Fuel Container Integrity	Elkhart Coach does not typically produce vehicles with CNG systems. All vehicles equipped with CNG systems exceed the applicability (10,000 lbs or less) of this standard.
404	Platform Lift Installation on Motor Vehicles	Elkhart Coach installs wheelchair lifts according to manufacturer instructions and direction. Installations are verified and tested. Elkhart Coach has performed load testing to verify compliance. Test data on file.

National Bus Sales and Leasing, Inc.

STURAA TEST

7 YEAR

200,000 MILE BUS

from

**ELKHART COACH
DIVISION OF FOREST RIVER INC.**

MODEL ECII 186/313

DECEMBER 2005

PTI-BT-R0516

PENNSTATE



The Pennsylvania Transportation Institute

201 Research Office Building (814) 865-1891
The Pennsylvania State University
University Park, PA 16802

Bus Testing and Research Center

2237 Old Route 220 N. (814) 695-3404
Duncansville, PA 16635

National Bus Sales and Leasing, Inc.

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EXECUTIVE SUMMARY

Elkhart Coach submitted a model ECII 186/313, diesel-powered 19 seat (including the driver) 26-foot bus, for a 7 yr/200,000 mile STURAA test. The odometer reading at the time of delivery was 095.0 miles. Testing started on September 13, 2005 and was completed on December 9, 2005. The Check-In section of the report provides a description of the bus and specifies its major components.

The primary part of the test program is the Structural Durability Test, which also provides the information for the Maintainability and Reliability results. The Structural Durability Test was started on September 22, 2005 and was completed on November 29, 2005.

The interior of the bus is configured with seating for 19 passengers including the driver and one wheel chair position. Free floor space will accommodate 9 standing passengers resulting in a potential load of 28 persons + 1 wheel chair position. At 150 lbs per person, this load results in a measured gross vehicle weight of 4,200 lbs. + 600 lbs (1 wheel chair position) = 4,800 lbs. In order to avoid exceeding the GAWR (9,450 lbs) of the rear axle, ballast for all 9 standing passengers was eliminated. This reduction from full capacity resulted in an adjusted measured gross vehicle weight of 13,820 lbs and was used for all dynamic testing. The middle segment was performed at a seated load weight of 13,820 lbs and the final segment was performed at a curb weight of 10,300 lbs. Durability driving resulted in unscheduled maintenance and failures that involved a variety of subsystems. A description of failures, and a complete and detailed listing of scheduled and unscheduled maintenance are provided in the Maintainability section of this report.

Accessibility, in general, was adequate. With the exception of the alternator, components covered in Section 1.3 (repair and/or replacement of selected subsystems), along with all other components encountered during testing, were found to be readily accessible and no restrictions were noted. Access to the alternator was very limited.

The Reliability section compiles failures that occurred during Structural Durability Testing. Breakdowns are classified according to subsystems. The data in this section are arranged so that those subsystems with more frequent problems are apparent. The problems are also listed by class as defined in Section 2. The test bus encountered no Class 1 or Class 2 failures. Of the 13 reported failures, seven were Class 3 and six were Class 4.

The Safety Test, (a double-lane change, obstacle avoidance test) was safely performed in both right-hand and left-hand directions up to a maximum test speed of 45 mph. The performance of the bus is illustrated by a speed vs. time plot. Acceleration and gradeability test data are provided in Section 4, Performance. The average time to obtain 50 mph was 16.19 seconds.

The Shakedown Test produced a maximum final loaded deflection of 0.266 inches with a permanent set ranging between 0.001 to 0.006 inches under a distributed static load of 11,100 lbs. The Distortion Test was completed with all subsystems, doors

Station #	Operation
1	Chassis preparation.
2	Frame welding, body isolators,
3	Floor structure, seat track.
4	Sidewall, roof structure.
5	Insulation & final stage body construction.
6	Paint frame
7	Sub-floor, wheel well covers, ceiling
8	Flooring material, electrical prewire.
9	L-track, ceiling, window & door installation.
10	Lift preparation, final electrical, heat/ac final, center console.
11	Lift installation.
12	Modesty Panels, grab rails, mirrors.
13	Seat installation.
14	Undercoating, Exhaust modification, Rust proofing.
16	Final clean & repair.
18	Weight certification, graphics.
20	Final ship.

and escape mechanisms operating properly. No water leakage was observed throughout the test. All subsystems operated properly.

The test bus was not equipped with any type of tow eyes or tow hooks, therefore, the Static Towing Test was not performed. The Dynamic Towing Test was performed by means of a front-lift tow. The towing interface was accomplished using a hydraulic under-lift wrecker. The bus was towed without incident and no damage resulted from the test. The manufacturer does not recommend towing the bus from the rear, therefore, a rear test was not performed. The Jacking and Hoisting Tests were also performed without incident. The bus was found to be stable on the jack stands, and the minimum jacking clearance observed with a tire deflated was 8.1 inches.

A Fuel Economy Test was run on simulated central business district, arterial, and commuter courses. The results were 6.46 mpg, 6.90 mpg, and 10.65 mpg respectively; with an overall average of 7.43 mpg.

A series of Interior and Exterior Noise Tests was performed. These data are listed in Section 7.1 and 7.2 respectively.



Ford Motor Company

Is proud to recognize

Elkhart Coach

as a participant in the

Transit Bus

Qualified Vehicle Modifier Program

January, 2006



Daniel J. Snyder - Quality Programs Manager

National Bus Sales and Leasing, Inc.



Description of Final Assembly

Total assembly of buses from body structure through road testing occurs at Elkhart Coach in Elkhart, Indiana. Elkhart Coach considers final assembly to be the creation of an end product from subassemblies and components, and it begins when those subassemblies start being assembled into the core element, such as the structural frame or bus body. Final assembly includes at a minimum the installation and interconnection of the heating and air conditioning equipment, the installation of electrical systems, passenger seats, passenger grab rails, destination signs, wheelchair lifts; and road testing, final inspection, repairs and preparation of the vehicles for delivery as stated in the **"FEDERAL TRANSIT ADMINISTRATION GUIDANCE ON BUY AMERICA REQUIREMENTS OF THE PRE-AWARD AND POST DELIVERY REVIEWS"** attachment included in the FTA Administrator's "Dear Colleague" letter. All cutaway chassis' are delivered to Elkhart Coach from Ford Motor Co. and consequently all final assembly of "the installation and interconnection of the engine, transmission, axles, and cooling and braking systems" is performed at the Ford Motor Co. Avon Lake, Ohio facility.

Final assembly activities (minus chassis) have been estimated to be 10% per bus.



*The Industry Leader in
Bus Doors and Actuators*

1995 | Co.



- About
- Products
- Support Resources
- Service Request
- Suggestions

About A&M Systems

Company Overview

A&M Systems is a privately held corporation specializing in the design and manufacturing of doors and door actuators for the bus industry. A&M was formed in 1995 when its founders created a beautifully simple and elegant design of bus door actuators. The problem-free nature of the design soon established it as the premier choice for bus manufacturers. In more recent times, A&M partners have taken their design philosophy and applied it the door leaves.

A&M Systems now leads the industry in the production and delivery of manual and electric door actuators and door flops.

Design Approach

We established three principles that govern our design processes:

- ↳ Simplicity
- ↳ Uncompromised Quality
- ↳ Problem-free Operation

We carefully engineer our products to operate smoothly and reliably while eliminating the problem-prone and complex design elements that plague our competitors' products.

The result is a simple and elegant product that has become the #1 choice for bus manufacturers.

Contact Information

A&M Systems, Inc
1845 Fieldhouse
Elkhart, IN 46517

Phone: 574.522.5000

Fax: 574.522.9099

Email: sales@anmsystems.com



24 Months / 24,000 Miles Door Actuator Limited Warranty

1. A&M Systems Inc. extends to the original purchaser a limited warranty against defects in materials or workmanship for a period of 24 months or 24,000 Miles whichever occurs first.
2. A&M System's obligation under this warranty policy is limited to the repair or replacement of the door actuator or the component parts and labor charges established on A&M System's flat rate manual.
3. A&M Systems shall not be liable for any incidental or consequential damages. A&M Systems does not assume responsibility for any loss of use of the vehicle, loss of time, inconvenience, loss or damage to personal property or revenues. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.
4. Returned parts must be shipped to A&M Systems "Prepaid" or authorization for shipment obtained from A&M systems prior to shipment. Authorization must be obtained by calling A&M Systems Inc. at 1-574-522-5000 Warranty Claim must accompany return part
5. To obtain repair or replacement within the terms of the warranty, contact A&M Systems Inc. or the Bus Body Manufacturer for authorization and approval.



Certificate of Registration

This is to certify the Quality Management System of:

ELKHART COACH
52807 County Road #7
Elkhart, IN 46514

has been assessed and found to be in compliance
with the following Quality Standard:

ISO 9001:2008

The Quality Management System is applicable to
Design, Manufacturing and Servicing of Buses

The Registration period is from
April 26, 2010 to June 24, 2012

This registration is subject to the company maintaining its system
to the required standard which will be monitored by SARA Registrar.

Certificate Identification Number: SARA-2006-CA-0033-02-C



A handwritten signature in black ink, appearing to read "Worab".

President
Ph: 1-800-699-5870 Fax: 1-800-803-4818
1989A Santa Rita Road, #175
Pleasanton, CA 94566

National Bus Sales and Leasing, Inc.



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

Headquarters

1200 New Jersey Avenue S.E.
Washington DC 20590

November 9, 2010

Ms. Judy Jernigan
Sales Manager
Elkhart Coach
Division of Forest River Inc.
52807 Co. Rd. 7
Elkhart, Indiana 46514

Dear Ms. Jernigan:

In accordance with the regulations on Participation by Disadvantaged Business Enterprises (DBE) in Department of Transportation (DOT) Financial Assistance Programs, 49 C.F.R. Part 26, specifically Section 26.49, the Federal Transit Administration's (FTA) Office of Civil Rights has reviewed the DBE methodology and goal submitted by Elkhart Coach for the period of October 1, 2010, through September 30, 2013. Based on our review of the methodology submitted, your DBE goal of 1.12% is conditionally accepted for the limited purpose of bidding on and contracting for FTA-assisted transit vehicle procurements during Federal Fiscal Year (FFY) 2011.

As a part of FTA's ongoing commitment to improving implementation and enforcement of DOT's DBE regulations, we are enhancing the DBE goal methodology review process. During the course of these enhancements, we identified several factors affecting both the quality of the DBE goal methodologies submitted and our subsequent review and approval/denial of those submissions. The result will be a more accurate reflection and application of the goal-setting provisions of Part 26, as well as other applicable Federal requirements.

To that end, FTA is requiring that a new methodology be submitted by each prospective TVM on or before August 1, 2011, for FFYs 2012-2014. FTA is developing a web-based TVM-specific training module, which will fully explain the rules and expectations for participation in the TVM program moving forward. Your completion of the training will be considered a prerequisite to submission of TVM goals on August 1; we anticipate it will be ready for use in Spring 2011. Details on the training will be sent to you as soon as they are available.

National Bus Sales and Leasing, Inc.

2.

In the interim, I would like to reiterate that your firm is eligible to bid on and contract for FTA-assisted transit vehicle procurements in FFY 2011, and that the TVM certification listing on FTA's website has been updated to reflect our approval. (For more information, see http://www.fta.dot.gov/civilrights/civil_rights_5089.html.)

If you have any questions, please feel free to contact Cynthia Phifer at cynthia.phifer@dot.gov, or Ryan Inman at ryan.inman@dot.gov. We appreciate your patience and assistance as we continue our efforts to better implement DOT's DBE regulations.

Sincerely,



Cheryl L. Hershey
Director
Office of Civil Rights



February 13, 2012

Re: Buy America Certification, (Ref: 2012 IFB Number 5400003776 for ADA Compliant Buses & Mini Vans for South Carolina)

Please be advised that the component parts on the attached list are manufactured in the United States and are utilized in the construction of all Shuttle Bus vehicles produced by Elkhart Coach, Division of Forest River, Inc. These components taken as a whole, account for more than 60% of the total vehicle content costs associated with the vehicles to be built for the above IFB.

As such, Forest River Inc. hereby certifies that the vehicles being produced for the above IFB fully comply with all "Buy America" requirements.

Individual Supplier "Buy America" certifications for each of the listed component parts are on file at our facility in Elkhart, Indiana and complete individual copies can be made available upon request.

Final assembly point will be Elkhart, Indiana. At this location the raw, cut away chassis is converted into a passenger and/or paratransit bus, complete and ready for use.

Elkhart Coach Suppliers – Buy America

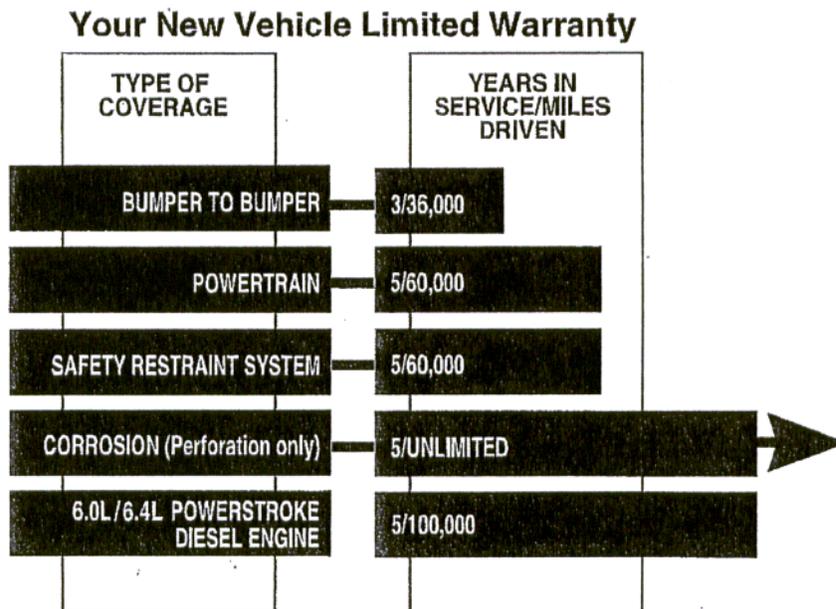
Supplier	Product Description	Build Location
Ford	E350 158" WB Chassis w/ 5.4L Gas Engine	Avon Lake, OH
American Cooling Technology, Inc.	ACT45HD Air Conditioning System	York, PA
Freedman Seating Corp	Mid-High Rigid Dbl Seats	Chicago, IL
Braun Corporation	Wheel Chair Lift	Winamac, IN
Hehr International Inc.	Windows	Chesaning, MI
Stoutco Inc	Roof Framing, Sidewall Framing, & Floor Framing	Elkhart, IN
Fabwell Inc.	Exterior Aluminum Sidewall	Nappanee, IN
United Roll Forming Inc.	Steel Sidewall Tubes	Elkhart, IN
Premier Fiber Glass Inc.	Front Cap & Transition	Elkhart, IN

QUICK REFERENCE: WARRANTY COVERAGE

This chart gives a general summary of your warranty coverage provided by Ford Motor Company under the **New Vehicle Limited Warranty**. Please refer to the description of warranty coverage for more specific information.

For each type of coverage, the chart shows two measures:

- years in service
- miles driven



The measure that occurs first determines how long your coverage lasts. For example: Your Bumper to Bumper Coverage lasts for three years - unless you drive more than 36,000 miles before three years elapse. In that case, your coverage ends at 36,000 miles.

For more details on coverage, see:

- ➔ **What is Covered?** (pages 8-12)
- ➔ **What is Not Covered?** (pages 12-15)

WHAT IS COVERED?

Your **NEW VEHICLE LIMITED WARRANTY** gives you specific legal rights. You may have other rights that vary from state to state. Under your New Vehicle Limited Warranty if:

- your Ford vehicle is properly operated and maintained, and

National Bus Sales and Leasing, Inc.



A Division Of Forest River, Inc.
55470 County Road 1
P.O. Box 3030
Elkhart, IN 46515-3030

LIMITED FOUR (4) YEAR 48,000 MILE WARRANTY

WARRANTY:

Forest River Inc, Elkhart Coach Division, (hereafter referred to as Warrantor), warrants to the original purchaser, (hereafter referred to as Owner), that this product shall be free of SUBSTANTIAL DEFECTS in material and workmanship, attributable to Warrantor, under normal use and service. The warranty period is for a period of four (4) years or (48,000) miles, whichever occurs first.

WARRANTY PERFORMANCE:

Owner's exclusive remedy under this warranty shall be repair of Substantial Defects, free of charge to the Owner. Owner shall bear all expenses arising out of or relating to transporting the product to the appropriate Warranty Service location. Performance will be completed within thirty (30) calendar days of the date the product is delivered for Warranty Service pursuant to appropriate Warranty Claims Procedures. Warrantor reserves the right to change parts and designs of its product without notice with no obligation to make corresponding changes to previously manufactured products.

WARRANTY VALIDATION:

Return of the Owner's Registration Card is required to validate product warranty. (Failure to return Owner's Registration Card voids this Warranty)

EXPLICIT WARRANTY EXCLUSIONS:

This Warranty **does not cover** the following items.

1. Damage or deterioration to the physical appearance of the unit if such damage is the result of normal use, wear and tear, or exposure to the elements
2. Damage caused by misuse, abuse, negligence, accidents or act of God. Usage of this product in a manner inconsistent with its design intentions or inconsistent with the manufacturer's instructions and recommendations will void this warranty with respect to damage caused by or relating to such inconsistent usage.
3. Products, which have been repaired, altered or modified by any party other than Warrantor
4. Accessories or parts not manufactured by Warrantor, including but not limited to, the chassis and its component parts
5. Expenses arising out of, or related to, the transporting of the product to an appropriate Warranty Service Location for service
6. Damage resulting from, or related to, the product being towed or towing another vehicle. (Use of product to tow another vehicle is prohibited).

WARRANTY TERMINATION:

The following actions or events will result in the automatic termination of this Warranty and relieve Warrantor from any and all obligations under this Warranty

1. Misuse or neglect of the product, failure to provide reasonable and necessary maintenance, unauthorized alteration or modification, accident, or improper loading
2. Sale of product. (Warranty is non-transferable).
3. The expiration of the warranty period(s) set out herein

WARRANTY CLAIM PROCEDURES:

All Warranty Service is to be performed at Warrantor's factory or at an authorized Warranty Service location. Warrantor must authorize all Warranty Service in writing, prior to performance, for any claim over \$250.00. Such written authorization instructing Owner as to where and when to deliver the product for Warranty Service will be given within (2) working days of receipt of notification of a defect or malfunction provided the Warranty covers such defects or malfunction and all other terms of this Warranty have been satisfied in full. Notice shall be presented in writing to Elkhart Coach Division, Forest River Inc., 52807 County Road 7, Elkhart, Indiana 46514, and must be submitted on or before the date of expiration of the appropriate Warranty period. Notice shall give Owner's name and address, a brief description of the problem, the product model and serial number, the date of purchase, product mileage, the name of the dealer who sold the product, the current product location and Owner's location for contact during regular business hours.

DAMAGE RECOVERY LIMITATION:

NO PERSON SHALL BE ENTITLED TO RECOVER FROM WARRANTOR FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING OUT OF OR RELATING TO ANY DEFECT IN THE PRODUCT.

These limitation include, but are not limited to, loss of time; loss of use; loss of revenues, salaries or commissions; towing charges; bus fares; car rentals; gasoline expenses; telephone charges; inconvenience or other incidental damages.

WARRANTY DISCLAIMER:

WARRANTOR HEREBY DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR PARTICULAR PURPOSE.

There are no Warranties of any nature, expressed or implied, made by Warrantor beyond the contents of this Limited Warranty. No person has authority to enlarge, amend or modify this Warranty.

LEGAL RIGHTS:

This Warranty gives only those legal rights specifically enumerated herein. Owner may have other legal rights, which vary from state to state.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR OF THE DURATION OF IMPLIED WARRANTIES, SO THE ABOVE LIMITATION MAY NOT APPLY.

EXTENDED WARRANTY ON STRUCTURAL ITEMS:

Warrantor warrants to the first registered Owner for a period of five (5)yr/seventy five thousand 75,000 , miles whichever comes first, that this product shall be free of SUBSTANTIAL DEFECTS arising out of or relating to the structural portion of the product. The terms of this structural Warranty shall be the exact same terms as set out above in Warrantor's Limited Four (4) Year Warranty, except as such terms relate to the duration of coverage. This Structural Warranty is intended to only cover the performance of the steel cage structure of the product. For further information concerning such warranty, please contact Warrantor.

Document Number: EC3WHBA-SC-DOF

Revision Level: A 11/09/2009

NBS Doc-033010

Proprietary Document - Disclosure Restricted To Employees and Authorized Holders

Important Note: A printed copy of this document may not be the document currently in effect.
To verify the controlled version, or to obtain a copy, please contact the **ISO Management Representative**.

Service Manual for:

NCL Century 2 Series

Series AC

Public Use
Wheelchair Lifts

Century Series Lift Braun "Worry-Free" Five-Year Limited Warranty

The Braun Corporation of Winamac, Indiana, warrants its wheelchair lift against defects in material and workmanship for up to five years*, providing the lift is installed, operated and maintained properly and in conformity with this manual. This warranty is limited to the original purchaser and does not cover defects in the motor vehicle on which it is installed, or defects in the lift caused by a defect in any part of the motor vehicle.

This warranty commences on the date the lift is put into service, providing the warranty registration card is completed and received by The Braun Corporation within twenty days of purchase. If no warranty card is received, the warranty will expire three years from the date of manufacture as identified on the lift serial number tag.

This warranty also covers the cost of labor for the repair or replacement of parts for three years when performed by an approved Braun Dealer. (A labor schedule determines cost allowance for repairs, which can be provided upon request by an approved Braun Dealer).

This warranty does not cover normal maintenance, service, or periodic adjustments necessitated by use or wear. The Braun Corporation will not, under any circumstances, pay for loss of use, incidental or consequential damages related to the lift, or vehicle in which it is installed.

This warranty will become null and void if the lift has been damaged through accident, misuse, or neglect, or if the lift has been altered in any respect.

* The five-year portion of this warranty covers the following lift's power train parts:

- Cable ▪ Cylinder ▪ Flow Control ▪ Gear Box ▪ Motor ▪ Pump ▪ Hydraulic Hose & Fittings
- Solid State Controller

All remaining lift components are covered by a three-year warranty.

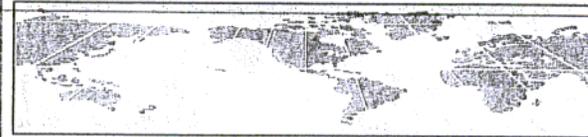
Return Authorization Procedure

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



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



BRAUN
CENTURY 2
SERIES
Braun Century 2 Series

33806
March 2007

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.

Patent #5,261,779

Patent #6,065,924

Patent #6,238,169

Patent #6,464,447

Patent #6,599,079

Patent #6,692,217

Patents #6,739,834
#6,811,411
National Bus Sales and Leasing, Inc.
© The Braun Corporation



FREEDMAN SEATING COMPANY WARRANTY POLICY

The Freedman Seating Company bus seat warranty:

Covers & Upholstery - One year for levels 1 & 2
Two years for levels 3 and up

Seat frame & foam - 5 years

Note: warranty applies to original owner only. Void upon transfer or sale of vehicle.

National Bus Sales and Leasing, Inc.



American Cooling Technology, Inc.

715 Willow Spring Lane

York, PA 17406

Phone (717) 767-2775 / (877) 228-4247

Fax 717 767-3658

**AMERICAN COOLING TECHNOLOGY, INC.
SYSTEM LIMITED WARRANTY**

American Cooling Technology, Inc. (ACT) warranty on systems manufactured new from ACT is two (2) years unlimited mileage from date of system installation. ACT warrants against defect in materials under normal use and operation for a two-year period from date of system installation. ACT will warrant repair and labor only if prior authorization is given from ACT.

To file a warranty claim you must contact ACT warranty department at (717) 767-2775 or the source where the system was purchased or installed within thirty (30) days of the defect. Please have the following information available:

American Cooling Technology, Inc. serial number of part (required)
Description of system
ACT Part number
Sales order number
Nature of the defect

You must have prior written authorization from ACT in order to file a warranty claim or to return any item.

This warranty does not apply to components outside the continental U.S.A., Hawaii, or Alaska.

The warranty set forth above is exclusive, and no other warranty, whether written or oral, is expressed or implied. Act specifically disclaims the warranties of merchantability and fitness for a purpose.

Limitations Of Liability

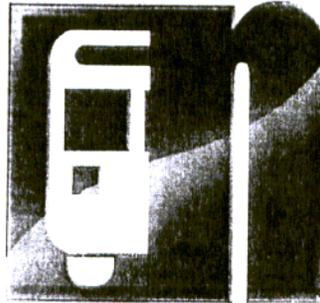
ACT will not warrant against improper installation, negligence, accident, lack of maintenance, or transportation. Incidental, consequential damages, or commercial losses from any cause are not the liability of ACT under any circumstances. Any alteration or repair to a component without prior written authorization from ACT will not be covered under the above warranty. ACT is not liable for towing, equipment rental, loss of time, or any other expenses or damages while the equipment is not operational.

During the warranty period, ACT will, at its option, either repair or replace the component that proves to be defective.

Your New Bus

CUSTOMER SERVICE GUIDE

NATIONAL



BUS SALES & LEASING, INC.

"The National Company with Local Service"

(770) 422-8920 ■ (800) 282-7981

www.nationalbussales.com

Mailing Address:

P.O. Box 6549 ■ Marietta, GA 30065-0549

Georgia

800 Pickens Drive Ext
Marietta, GA 30062
770-422-8920
Fax: 770-422-9007

Texas

15580 Highway 114
Justin, TX 76247
817-636-2365
Fax: 817-636-2947

North Carolina

6600 Reames Road
Charlotte, NC 28216
704-399-2700
Fax: 704-399-3070

Virginia

2075 W Main Street
Waynesboro, VA 22980
540-943-3430
Fax: 540-337-4619

Mississippi

3626 Industrial Blvd
Laurel, MS 39449
800-282-7981
Fax: 770-422-9007

Arkansas

700 South German Ln
Conway, AR 72034
800-282-7981
Fax: 770-422-9007

New Mexico

417 Adams St SE
Albuquerque, NM 87108
800-282-7981
Fax: 770-422-9007

*Now that we are partners, we want you to know
how you can count on us for support.*

PLEASE READ ON...

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PARTS INFORMATION

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Delivery

QUESTIONS AND ANSWERS REGARDING THE DELIVERY OF YOUR NEW BUS

What to expect when bus is delivered?

Either at the time of delivery or soon afterwards, you can expect an orientation on the product. The National Bus Sales representative with whom you have been working will provide the orientation.

Perhaps you have already received an orientation on this particular product and do not feel you need another. That is fine, but, if for any reason you would like a "refresher" orientation, we would be happy to provide it. Should you desire an orientation, please call your sales representative so we can see that one is promptly scheduled.

What do I do if I have problems or questions regarding the delivery of my bus?

Call our Sales Department at **(770) 422-8920** or **TOLL FREE 1 800-282-7981**. Please let our receptionist know whether you are trying to reach the Commercial Bus Sales or Used/Pre-owned Bus Department. We will see that your needs will be promptly met!

What kind of maintenance procedures do I need to follow as soon as the bus is delivered to my facility?

Of course, you will want to perform routine checks such as fluid levels, belts, hoses, and proper tire pressure. You will want to ensure all safety and operational systems are functioning properly.

National Bus Sales and/or the bus manufacturer, as part of our standard procedures, has thoroughly checked all these items before delivery to you.

National's Sales Directory

Sales Staff

John Walsh	Ken Bosland	Stacie Guillot
Karla Lynch	Brent Roy	Kirsten Hal
Beth Taylor	Troy Raley	Whitney Fox
Ryan Frost	Joe Lynch	Ron Stogsdill
David Clawson	Dana Spurgeon	Stephen Smith
Trisha Horne	Erica Neebling	Ashley Hughes
Jerry Busbee	Greg Dae	Kelsey Hughes
Wayne Yates	Andrew Clawson	Teena Hardwick
Drew Hawkins	Jim Sullivan	Melissa Wells
Micah Bailey	Heather Kennedy	

Warranty

QUESTIONS AND ANSWERS REGARDING WARRANTY

We at National Bus Sales are eager to ensure your continued satisfaction with your new bus. There may come a time when repairs covered under your Warranty Policy are needed. The following information is provided to help you understand how to utilize the Warranty services and get your bus back on the road. It is our desire to serve you as quickly and effectively as possible.

What is Warranty intended to do?

The Warranty Policy described in the Owner's Certificate is intended to cover the reasonable cost of making repairs to your bus for parts that fail within the designated Warranty period. Having the cost of a repair covered under the Warranty policy means you have followed all the maintenance procedures outlined in the Owner's Manual. It also means the part failed within the designated Warranty period.

The Warranty Policy does not cover routine maintenance. It, also, does not cover repairs for parts failing outside the designated Warranty period. If you have any questions, please contact our Warranty Administrator.

When does my bus Warranty go into effect?

Your new bus Warranty goes into effect at the mileage and on the date it is delivered and/or registered, whichever comes first.

What should I do when I need a Warranty repair?

If you have a problem, **prior to making the repair**, contact our Warranty Administrator and explain the problem in detail. Together, we will come to a solution to get your bus back into operation with the least amount of inconvenience.

Please note all repairs must have prior approval by the Warranty Administrator. Please have the following information available:

1. Body Number
2. Mileage
3. Cause of Problem
4. Approximate Repair Cost

Who do I contact regarding Warranty questions and claims?

National Bus Sales & Leasing, Inc.
Warranty Administrator
Mailing Address: P.O. Box 6549 ■ Marietta, GA 30065-0549
Shipping Address: 800 Pickens Drive Ext. ■ Marietta, GA 30062
(770) 422-8920 ■ Toll Free 1 800-282-7981 ■ Fax: (770) 422-9007
E-mail: Warranty@NationalBusSales.com

Warranty

Where can I go for Warranty service?

Depending on the type of problem, the Warranty Administrator will discuss with you the best way to get your bus back on the road. We may ask you to return the bus to the National Bus Sales service facility or take it to another authorized Warranty service facility. If circumstances warrant, you will be given authorization to repair it at your own facility.

What procedure do I follow when Warranty repairs are made at my own facility?

Call the National Bus Sales Warranty Administrator prior to taking any action, at that time, you will be given an authorization number. Using this number when communication with National Bus Sales will expedite the Warranty claim process for you.

Once you receive the authorization number and replacement part (if necessary) from National, you may then perform the required repair.

How do I get parts for Warranty repairs performed at my own facility?

1. Call the Warranty Administrator for the authorization number and to request the needed parts. Warranty work performed under the National Bus Sales' Warranty Policy must use parts supplied by National Bus Sales.

A Parts Credit can only be issued when parts approved by National are used. **USE OF UNAPPROVED PARTS MAY VOID THE WARRANTY.** In most cases, National will get parts to you within 36 hours. The procedure to follow for those rare occasions when National Bus Sales is unable to provide parts will be discussed later in this Customer Service Guide.

2. Receive the necessary parts from National and use them to make the needed Warranty repairs.
3. Complete the Warranty Worksheet, explaining in detail what you did to repair the bus, and send it to the National Bus Sales Warranty Administrator *along with the old part.*

How do I receive credit for labor and parts if I perform the work in my own facility?

Once the Warranty Administrator has received your completed repair order and the old bus part(s), a claim will be filed accordingly, and upon receipt of a credit, we will credit your account.

LABOR

1. The Warranty Administrator will authorize a credit to your account with National for the labor expense you have requested on your repair order.

2. ~~Prior to the authorized repairs being complete, the Warranty Administrator will discuss with you the~~ standard labor time involved for certain repairs and the amount you will be reimbursed. If there are extenuating circumstances, please discuss this prior to labor authorization.

PARTS

When National Bus Sales sends you a part for Warranty repair, National will then debit your account for the cost of the part(s). When you return the old part along with your completed repair order, the claim will be filed. Once the claim has been approved for payment, your account will be credited.

Warranty

What if I already have the necessary part at my own facility?

To avoid confusion and any misunderstanding, call the National Warranty Administrator. You will be sent a replacement part, ensuring the part you use meets the manufacturer's Warranty qualification. Following this procedure ensures that your bus stays within the Warranty guidelines.

What do I do in those rare instances when National has difficulty in providing the necessary parts?

Call the National Warranty Administrator. If it is determined we are having difficulty providing the parts necessary to make the repair, you will be given instructions to expedite the repair of your bus and still stay within the Warranty guidelines.

Does Warranty cover the cost of transporting the bus to and from authorized Warranty repair centers?

You are responsible for the cost of transporting the bus to and from the authorized Warranty service center. However, we can provide this transportation as a service to our customers at a very reasonable cost. These rates are based upon factors such as distance, chase cars, number of buses, etc

Please let us know if you need assistance in transporting the vehicle.

Is towing covered under Warranty?

The component manufacturer (i.e. engine or transmission) covers towing under certain conditions since it is considered a policy decision. The Owner's Manual will detail the circumstances. **Bus manufacturers generally do not cover towing.**

What maintenance records are required to ensure the cost of the repairs are covered under Warranty?

As mentioned earlier, it is a good idea to register your Warranty with National Bus Sales. It is also a good idea to save all your receipts for work performed on your bus. It is important to keep accurate records of all maintenance work. In order to ensure repair costs are covered under the Warranty, you may have to show you followed all the required maintenance procedures described in the Owner's Manual.

What do I do when I have problems with the bus while under Warranty but can not get it in for repairs right away?

The length of time needed to repair your bus will depend upon the severity of the problem, who does the work, and availability of necessary parts. If you bring the bus to the National facility, it is our goal to complete the repairs as quickly as possible. If we know the parts are not immediately available and you want us to make the repairs, we recommend you wait to bring the bus in until the parts arrive. If you receive authorization from the Warranty Administrator to do the work at your own facility and parts are available (which is so the vast majority of the time), we will get the parts to you via UPS the next day.

Warranty

How do I receive proper credit for my Warranty claims?

1. Before taking any action, call the National Bus Sales Warranty Administrator. You will be given instructions on exactly what to do and will be provided with an authorization number to use in all communications with us.
2. If you perform the work at your own facility, make sure you complete your repair order including all the information for parts and labor. Send this form to our Warranty Administrator.
3. If you perform the work at your own facility, make sure the old parts are returned to us with the label attached to the part. If you received authorization from the Warranty Administrator to purchase parts from an outside vendor, it is essential for you to send a copy of the invoice along with the old part.

How long does it take for me to receive credit for my Warranty claims?

We want to expedite the processing of your Warranty claims. We are committed to crediting you within thirty days after we have received all the paperwork and failed parts for you.

Note: It is extremely important to file your Warranty claim within 30 days of the repair, or your claim could be subject to disapproval.

Warranty

Customer Notes:

Service

QUESTIONS AND ANSWERS REGARDING SERVICE

Who do I call if one of my buses needs maintenance, repair, body work, an option installed, or some other kind of service?

Call our Service Department at (770) 422-8920 or Toll Free 1 800-282-7981. We will be pleased to help you!

What kinds of service work can I expect the National Bus Sales Service Facility to perform?

National is fully prepared to meet your bus service needs. We are experts in installing special options like wheelchair lifts, wheelchair securement, air conditioners, and roof vents. We can, also, provide service as it relates 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 bus is operational as soon as possible.

If you have sustained body damage and need repairs, your needs can be met at the National Bus Sales service facility and/or Body Repair Facility.

What about transporting the bus to and from your facility?

We provide transportation service for our customers at a reasonable cost. These rates are based on distance, time, chase vehicles needed, number of buses, etc. Please note, pick up and delivery of buses will be made during normal business hours, unless other arrangements are made with the Service Manager.

Our hours of operation are Monday – Friday, 8:00 a.m. – 5:00 p.m.

How long will it take to get my bus repaired?

Of course, the length of time necessary to repair your bus will depend on the type of repair necessary, its severity, and the availability of parts.

It is the goal of National Bus Sales to expedite repairs. Once an assessment has been made, we will be able to give a more accurate estimate of repair time.

What can I expect to pay?

National's Service Department rates are both reasonable and competitive. Each job will be evaluated so that you receive the level of service needed to best accommodate the repair. We provide written estimates upon request.

Service

What kind of Warranty do I receive on the service work performed?

Our standard policy is to provide a 90 day Warranty covering parts and labor on any service work we perform. Any other arrangements for specialized services need to be agreed upon in writing prior to the work being performed.

Parts

QUESTIONS AND ANSWERS REGARDING PARTS

Who do I call if I need parts for my bus?

Call our Parts Department at (770) 422-8920 or Toll Free 1 800-282-7981 and we will be happy to serve you!

What kinds of parts do you stock?

We specialize in parts for all brands and/or manufacturers to include Blue Bird, Thomas, International, Goshen Coach, Elkhart Coach, Turtle Top, Starcraft, Braun, Glaval, Federal Coach, General Coach, El Dorado National, Ameritrans, Arboc Mobility, Midway Specialty, Double K Trolley and more. We can provide parts for many manufacturers of school, commercial and transit buses, and we also supply parts for our variety of environmentally safe vehicles.

How quickly can I expect to receive the parts I order?

Approximately 90% of all orders received by 3:00 p.m. will ship the same day. Our standard procedure is to ship parts via UPS or motor freight (F.O.B. Marietta, Georgia). Should you require guaranteed service, inform your order analyst.

May I come by your facility and pick up the parts I need?

Of course! We would be happy to see you and get the parts you need while you wait. This would be an excellent time to meet face-to-face with the people responsible for servicing your account.

What if you do not have the parts I need in stock?

In most cases your order can be drop-shipped from the vendor. National can expedite shipping to meet your needs. Should the vendor or manufacturer not have the component you need, we will source the part with other manufacturers to expedite shipping.

National Bus Sales accepts checks and all major credit cards.



Thank you for your business!

“The National Company with Local Service”

www.nationalbussales.com