



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

## Header

### General Information [Contact](#) [Default Values](#) [Discount](#) [Document Information](#) [Clarification Request](#)

Procurement Folder: 956393

SO Doc Code: CRFQ

Procurement Type: Statewide MA (Open End)

SO Dept: 0212

Vendor ID:

SO Doc ID: SWC2200000007

Legal Name: Rohrer Enterprises Inc

Published Date: 11/4/21

Alias/DBA:

Close Date: 11/18/21

Total Bid: \$0.00

Close Time: 13:30

Response Date:

Status: Closed

Response Time:

Solicitation Description:

Responded By User ID:

Total of Header Attachments: 7

Total of All Attachments: 7

First Name:

Last Name:

Email:

Phone:



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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	VARIOUS BUS UNITS	0.00000	EA	0.000000	0.00

Comm Code	Manufacturer	Specification	Model #
25101500			

**Commodity Line Comments:** Please See Exhibits for Pricing Pages.  
Thanks,  
Andrew Clawson  
Rohrer Bus Sales

**Extended Description:**

Note: Vendor shall complete Exhibit\_A & B Pricing Pages for bid pricing and must attach with bid.  
If vendor is submitting a bid online via wvOasis, Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit\_A&B Pricing Pages to their bid.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	DELIVERY TO CHARLESTON, WV	0.00000	EA	0.000000	0.00

Comm Code	Manufacturer	Specification	Model #
78121603			

**Commodity Line Comments:** Please see Exhibits for Pricing Pages.  
Thanks,  
Andrew Clawson  
Rohrer Bus Sales

**Extended Description:**

Note: Vendor shall complete Exhibit\_A & B Pricing Pages for bid pricing and must attach with bid.  
If vendor is submitting a bid online via wvOasis, Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit\_A&B Pricing Pages to their bid.

STATE OF WEST VIRGINIA

Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Rohrer Enterprises, Inc.

Authorized Signature: [Signature] Date: 11/17/21

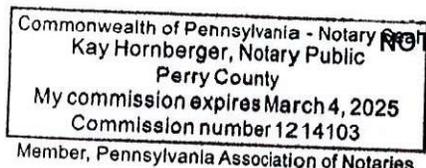
State of Pennsylvania

County of Perry, to-wit:

Taken, subscribed, and sworn to before me this 17 day of November, 2021.

My Commission expires March 4, 2025.

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 01/19/2018)

West Virginia Ethics Commission  
**Disclosure of Interested Parties to Contracts**

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Rohrer Enterprises, Inc. Address: 1515 State Road  
Duncannon, PA 17020

Name of Authorized Agent: Andrew Clawson Address: 1515 State Road, Duncannon, PA 17020

Contract Number: CRFQ SWC22\*07 Contract Description: School Buses

Governmental agency awarding contract: WV Purchasing Division

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. **Subcontractors or other entities performing work or service under the Contract**

Check here if none, otherwise list entity/individual names below.

Collins Bus Corporation

2. **Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)**

Check here if none, otherwise list entity/individual names below.

Howard E. Rohrer, III  
John M. Schrantz

3. **Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)**

Check here if none, otherwise list entity/individual names below.

Andrew W. Clawson

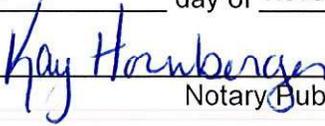
Signature:  Date Signed: 11/17/21

**Notary Verification**

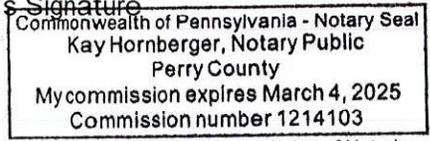
State of Pennsylvania, County of Perry:

I, David Clawson, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 17th day of November, 2021.

  
Notary Public's Signature

**To be completed by State Agency:**  
Date Received by State Agency: \_\_\_\_\_  
Date submitted to Ethics Commission: \_\_\_\_\_  
Governmental agency submitting Disclosure: Purchasing Division



REQUEST FOR QUOTATION  
CRFQ SWC2200000007  
(SWCSBUS22)  
SCHOOL BUSES

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- 7.4 Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
- 7.5 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract.

**Contract Manager:** Andrew Clawson  
**Vendor's Name:** Rohrer Enterprises, Inc.  
**Vendor's FEIN:** 23-2059976  
**Vendor's Address:** 1515 State Road  
Duncannon, PA 17020  
**Telephone Number:** 804-357-1145  
**Fax Number:** 717-957-4884  
**Email Address:** aclawson@rohrebus.com



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

State of West Virginia  
 Centralized Request for Quote  
 Vehicles

<b>Proc Folder:</b> 956393			<b>Reason for Modification:</b> ADDENDUM_2
<b>Doc Description:</b> SBUS22: VARIOUS SCHOOL BUSES FY2022			
<b>Proc Type:</b> Statewide MA (Open End)			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2021-11-04	2021-11-18 13:30	CRFQ 0212 SWC2200000007	3

**BID RECEIVING LOCATION**

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

**VENDOR**

**Vendor Customer Code:**

**Vendor Name :** Rohrer Enterprises, Inc.

**Address :** PO Box 100  
**Street :** 1515 State Road  
**City :** Duncannon  
**State :** PA **Country :** USA **Zip :** 17020

**Principal Contact :** Andrew Clawson

**Vendor Contact Phone:** 804-357-1145 **Extension:**

**FOR INFORMATION CONTACT THE BUYER**  
 Mark A Atkins  
 (304) 558-2307  
 mark.a.atkins@wv.gov

**Vendor Signature X** 

**FEIN#** 23-2059976 **DATE** 11/17/21

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

**ADDITIONAL INFORMATION**

ADDENDUM\_2 is issued for the following:

1. To publish corrected Exhibit\_B Pricing Pages (Revised 11/03/2021).

No other changes

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Department of Education to establish an open-end contract for School Buses. The Contract may be utilized by West Virginia State agencies and all political subdivisions of the State in all 55 counties in accordance with West Virginia Code 5A-3-11e, per the attached documents.

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV	No City	WV
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	VARIOUS BUS UNITS	0.00000	EA	See Pricing Spread Sheet	

Comm Code	Manufacturer	Specification	Model #
25101500	See Technical Specifications		

**Extended Description:**

Note: Vendor shall complete Exhibit\_A & B Pricing Pages for bid pricing and must attach with bid.

If vendor is submitting a bid online via wvOasis, Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit\_A&B Pricing Pages to their bid.

See Section #6 BID SUBMISSION in the Instructions to Bidders document for additional information.

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV	No City	WV
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	DELIVERY TO CHARLESTON, WV	0.00000	EA	See Pricing Spread Sheet	

Comm Code	Manufacturer	Specification	Model #
78121603	See Technical Specs		

**Extended Description:**

Note: Vendor shall complete Exhibit\_A & B Pricing Pages for bid pricing and must attach with bid.

If vendor is submitting a bid online via wvOasis, Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit\_A&B Pricing Pages to their bid.

See Section #6 BID SUBMISSION in the Instructions to Bidders document for additional information.

**SCHEDULE OF EVENTS**

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Technical Questions due by 10:00am EDT	2021-10-29

**SOLICITATION NUMBER: CRFQ 0212 SWC2200000007**  
**Addendum Number: 2**

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The purpose of this addendum is to modify the solicitation identified as CRFQ 0212 SWC2200000007 (“Solicitation”) to reflect the change(s) identified and described below.

**Applicable Addendum Category:**

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error: Publish revised Exhibit\_B Pricing Pages
- Other

**Description of Modification to Solicitation:** To provide the mandatory pre-bid sign in sheets.

1. To publish corrected Exhibit\_B Pricing Pages (Revised 11/03/2021)

No other changes

**Terms and Conditions:**

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

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CRFQ 0212 SWC220000007**

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

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

**Addendum Numbers Received:**

(Check the box next to each addendum received)

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

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

Rohrer Enterprises, Inc.

\_\_\_\_\_  
Company



\_\_\_\_\_  
Authorized Signature

11/17/21

\_\_\_\_\_  
Date

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

**1. TRANSIT UNITS:**

**71 PASSENGER**

	230HP, FE	No Bid		
	230HP, RE	No Bid		
	ELECTRIC	No Bid		
DELIVERY TO CHARLESTON, WV		\$	-	

**77 PASSENGER**

	230HP, FE	No Bid		
	230HP, RE	No Bid		
	ELECTRIC	No Bid		
DELIVERY TO CHARLESTON, WV		\$	-	

**84 PASSENGER**

	245HP, FE	No Bid		
	245HP, RE	No Bid		
	ELECTRIC	No Bid		
DELIVERY TO CHARLESTON, WV		\$	-	

**89 PASSENGER**

	245HP, FE	No Bid		
	245HP, RE	No Bid		
	ELECTRIC	No Bid		
DELIVERY TO CHARLESTON, WV		\$	-	

2. CONVENTIONAL UNITS:					
24 PASSENGER					
TYPE A	130HP	No Bid			
TYPE A	LPG Fueled	No Bid			
TYPE A	Gasoline	\$ 64,795.00			
TYPE A	Electric	\$ 227,595.00			
DELIVERY TO CHARLESTON, WV		No Charge			
30 PASSENGER					
TYPE A	130HP	No Bid			
TYPE A	LPG Fueled	No Bid			
TYPE A	Gasoline	\$ 67,495.00			
TYPE A	Electric	No Bid			
DELIVERY TO CHARLESTON, WV		No Charge			
35 PASSENGER					
TYPE C	200HP/Diesel	No Bid			
TYPE C	LPG Fueled	No Bid			
TYPE C	Gasoline	No Bid			
TYPE C	Electric	No Bid			
DELIVERY TO CHARLESTON, WV		No Bid			
47 PASSENGER					
TYPE C	220HP/ Diesel	No Bid			
TYPE C	LPG Fueled	No Bid			
TYPE C	Gasoline	No Bid			
TYPE C	Electric	No Bid			
DELIVERY TO CHARLESTON, WV - F/47 Diesel		No Bid			
DELIVERY TO CHARLESTON, WV - F/47 Propane		No Bid			
DELIVERY TO CHARLESTON, WV - F/47 Gasoline		No Bid			
DELIVERY TO CHARLESTON, WV - F/47 ELECTRIC		No Bid			
53 PASSENGER					
TYPE C	220HP/Diesel	No Bid			
TYPE C	LPG Fueled	No Bid			
TYPE C	Gasoline	No Bid			
TYPE C	Electric	No Bid			
DELIVERY TO CHARLESTON, WV - F/53 Diesel		No Bid			
DELIVERY TO CHARLESTON, WV - F/53 Propane		No Bid			
DELIVERY TO CHARLESTON, WV - F/53 Gasoline		No Bid			
DELIVERY TO CHARLESTON, WV - F/53 Electric		No Bid			
59 PASSENGER					
TYPE C	220HP/Diesel	No Bid			
TYPE C	LPG Fueled	No Bid			
TYPE C	Gasoline	No Bid			
TYPE C	Electric	No Bid			
DELIVERY TO CHARLESTON, WV - F/59 Diesel		No Bid			
DELIVERY TO CHARLESTON, WV - F/59 Propane		No Bid			
DELIVERY TO CHARLESTON, WV - F/59 Gasoline		No Bid			
DELIVERY TO CHARLESTON, WV - F/59 Electric		No Bid			
65 PASSENGER					
TYPE C	230HP/Diesel	No Bid			
TYPE C	LPG Fueled	No Bid			
TYPE C	Gasoline	No Bid			
TYPE C	Electric	No Bid			
DELIVERY TO CHARLESTON, WV - F/65 Diesel		No Bid			
DELIVERY TO CHARLESTON, WV - F/65 Propane		No Bid			
DELIVERY TO CHARLESTON, WV - F/65 Gasoline		No Bid			
DELIVERY TO CHARLESTON, WV - F/65 Electric		No Bid			
71 PASSENGER					
TYPE C	230HP/ Diesel	No Bid			
TYPE C	LPG Fueled	No Bid			
TYPE C	Gasoline	No Bid			
TYPE C	Electric	No Bid			
DELIVERY TO CHARLESTON, WV - F/71 Diesel		No Bid			
DELIVERY TO CHARLESTON, WV - F/71 Propane		No Bid			
DELIVERY TO CHARLESTON, WV - F/71 Gasoline		No Bid			
DELIVERY TO CHARLESTON, WV - F /71 Electric		No Bid			
77 PASSENGER					
TYPE C	230HP/ Diesel	No Bid			
TYPE C	LPG Fueled	No Bid			
TYPE C	Gasoline	No Bid			
TYPE C	Electric	No Bid			
DELIVERY TO CHARLESTON, WV - F/77 Diesel		No Bid			
DELIVERY TO CHARLESTON, WV - F/77 Propane		No Bid			
DELIVERY TO CHARLESTON, WV - F/77 Gasoline		No Bid			
DELIVERY TO CHARLESTON, WV - F/77 Electric		No Bid			

**3. SPECIAL NEEDS - CONVENTIONAL UNITS:**

**35 PASSENGER**

	200HP/ Diesel	No Bid		
	LPG Fueled	No Bid		
	Gasoline	No Bid		
	Electric	No Bid		
DELIVERY TO CHARLESTON, WV - F/35, Conv.		No Bid		

**47 PASSENGER**

	220HP/ Diesel	No Bid		
	LPG Fueled	No Bid		
	Gasoline	No Bid		
	Electric	No Bid		
DELIVERY TO CHARLESTON, WV - F/47, Conv.		No Bid		

**53 PASSENGER**

	220HP/Diesel	No Bid		
	LPG Fueled	No Bid		
	Gasoline	No Bid		
	Electric	No Bid		
DELIVERY TO CHARLESTON, WV - F/53, Conv.		No Bid		

**59 PASSENGER**

	220HP/Diesel	No Bid		
	LPG Fueled	No Bid		
	Gasoline	No Bid		
	Electric	No Bid		
DELIVERY TO CHARLESTON, WV - F/59, Conv.		No Bid		

**65 PASSENGER**

	230HP/Diesel	No Bid		
	LPG Fueled	No Bid		
	Gasoline	No Bid		
	Electric	No Bid		
DELIVERY TO CHARLESTON, WV - F/65, Conv.		No Bid		

**71 PASSENGER**

	230HP/Diesel	No Bid		
	LPG Fueled	No Bid		
	Gasoline	No Bid		
	Electric	No Bid		
DELIVERY TO CHARLESTON, WV - F/71, Conv.		No Bid		

**77 PASSENGER**

	230HP/Diesel	No Bid		
	LPG Fueled	No Bid		
	Gasoline	No Bid		
	Electric	No Bid		
DELIVERY TO CHARLESTON, WV - F/77, Conv.		No Bid		

**DELIVERY:**

Bidders must state number of days after receipt of order (ARO) for bus delivery. Number of days for delivery shall be no greater than 120 calendar days. This does not include "letters of intent".

Buses will be delivered within 120 calendar days of ARO. After receipt of Chassis. Additional 75 days required for Electric Chassis

Vendor Name: Rohrer Enterprises, Inc.

Address: 1515 State Road  
Duncannon, PA 17020

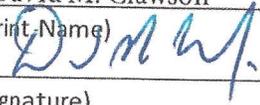
Phone: 804-357-1145

Fax: 717-957-4884

Email: aclawson@rohrerbus.com

Vendor's Representative:

David M. Clawson  
(Print Name)

  
(Signature)

11/17/21  
(Date)

CRFQ 0212 SWC2200000007

SWCBUS22

Item below is for Optional Pricing. (The item below shall be utilized at the discretion of the WVDE or County Schools and will depend on the Agency's or Counties funding only).

Vendors must realize that the quantity, when provided, is an estimate only and there is no guarantee of usage.

The Vendor's rate will be established as a result of this award, but the quantity needed may be considered open-ended.

Item	Description	Estimated Quantity	Unit Cost	Extended Cost
Video Equipment	Video Equipment (to include but not limited to, 256 GB HD; record date. Time and vehicle location; lockable case for DVR; 720P Camera resolution; External stop arm camera-forward and rear facing; waterproof external camera-adjustable; Infrared Day/Night vision cameras; Anti-glare polarized lens; Vandal resistant; Wi-Fi capability; GPS capability; Audio capability; all cables, hardware and brackets necessary for installation on school bus; and 12 month minimum warranty	20	\$ 2,165.00	\$ 43,300.00

**Vendor Name:** Rohrer Enterprises, Inc.  
(Print Name)

**Vendor's Representative:** Andrew Clawson  
(Print Name)

# ROHRER

School & Commercial Bus Sales

## TECHNICAL SPECIFICATIONS

### Type A 24 Passenger Gas

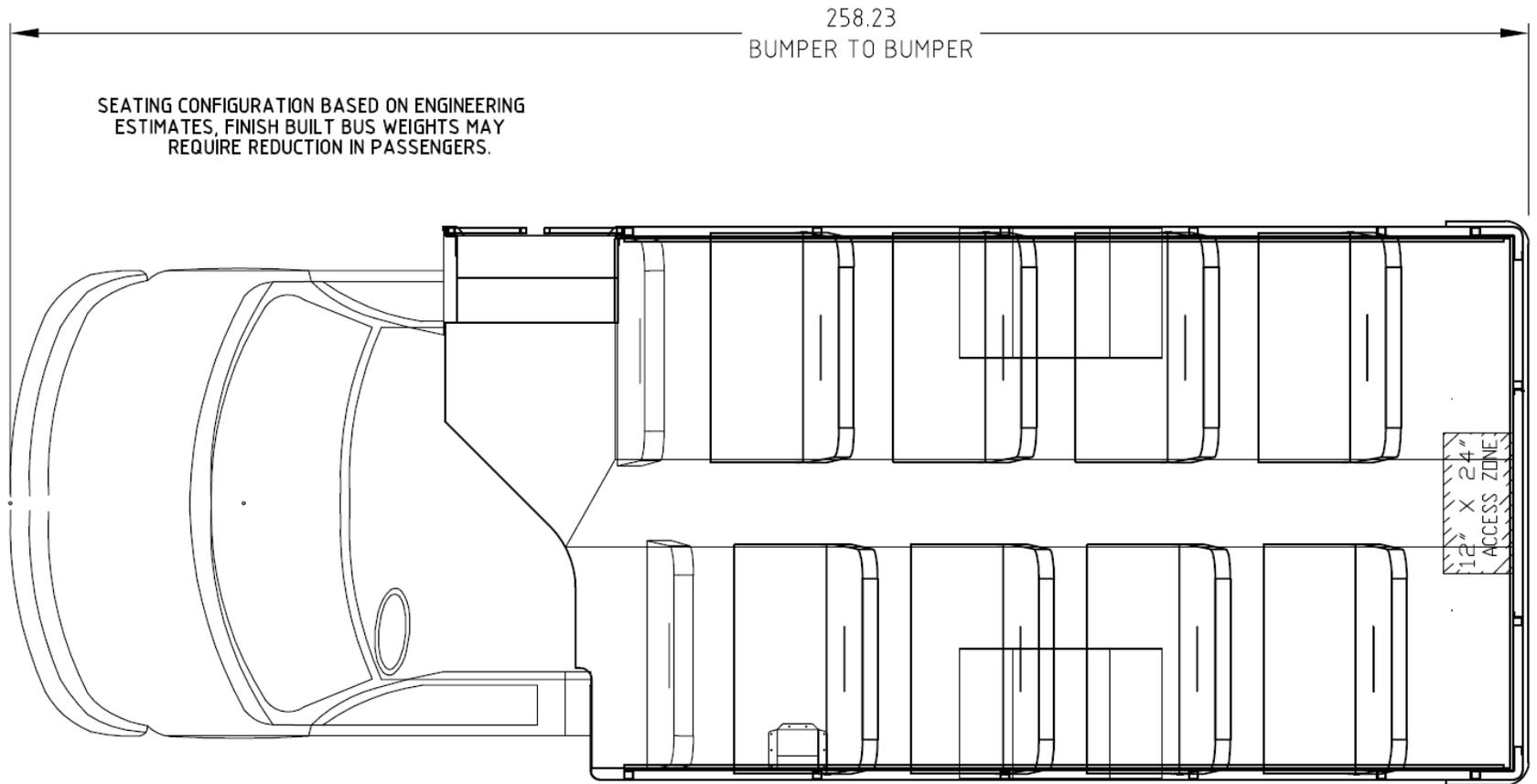
QTY	DESCRIPTION*****
1	REAR DOMES LH & RH ON ONE SWIT
1	FRONT DOMES ON ONE SWITCH
1	LOAD LOOSE TRIANGLE REFLECTORS
1	TO EXT GRABHANDLE AT DOD
1	WHITE ROOF STANDARD
1	BUS # AT LEAST 6" TALL
1	ALL UPH & PADDING IS GRAY FB
1	BACKUP LTS LOC BHD RR TIRES
1	OEM BACKUP CAMERA STD
1	AFTERMARKET SPEED GOVNOR
1	PRICE SCHEDULE COL 8/23/2021
1	Spec, FMVSS "School Bus" >10,000# GVWR, driver plus 10 or more passengers (wheelchair positions counted as 4 passengers), may be used to transport students to or from school.
1	Core components, DRW high headroom model 4 section +16". Standard floor (with wheelwells), 76" interior headroom, 25"X78" entrance door, 96" overall width, all-galvanized-steel construction, 2014.
1	Trim additions, Collins 4 section+16.
1	STD.SEAT/BELT/ALT.KW5/NO RAD/CAM/STD DIFF/BW/BB/N-FI/N-BH/NOSPARE/N-GOV/STDBAT
1	A/C Chassis with or with out front air only, no add on rear air.
1	Battery tie-in with switch, battery disconnect mounted in battery box, disconnects battery ground from body & chassis. (Chevy Dual Battery)
1	Rear wall reinforcement DH/DE for Colorado Racking Compliance
1	Bumper 10" x 3/16 galvaneal steel channel DRW, wrap around extending forward at least 12" with protecting end caps, for use with exhaust pipe routed under the bumper or to the side.
1	Bumper Brace to attach to frame side, DH 400/500 and DE/DH 416 models, all Gas and Diesel exhaust systems.
1	Fuel system protection and preperation for Chevy gas chassis standard floor 139"WB
1	PARTS REQUIRED TO BUILD SPECIFIC BODY MODEL ON SPECIFIC CHASSIS BRAND (CHEVY STD 416)
1	Tow eyes front Chevy, installed on chassis frame
1	Tow eyes rear only, installed on chassis frame
1	Windshield Gradient Tint Top Of Windshield Chevy
1	Engine Block Heater Installed in Gas Engine Block, for Chevy chassis. (Standard on Diesel Chassis).
1	Door, entrance, black aluminum frame with full-length tempered AS2 glass for SH/DH units
1	Door entrance control, electric mechanism above door header, for glass doors, driver control panel mounted in doghouse, with manual cable-release. (NY State Spec)
1	Rear egress door, RH (curbside) hinge, aluminum construction, select glass rear door upper/lower separately.
1	Rear door hinge continuous stainless steel
1	Rear Door Latch single latch at center of door, with interior red handle and exterior web style non-hitching handle.
1	Core electrical items for all Chevy School buses including Elect. Board, switch panel, buzzer, domes, step lights, and main harness
1	8 lamp monitor for 8-light warning system, mounted above driver on front interior skin. Does not work on LED warning lights, must use LED light compatible monitor.

1	Backup-alarm 112dBA that is activated upon placing the bus in reverse gear, wired through the ignition.
1	Circuit breakers provided instead of fuses. Breakers are manual-reset.
1	Switch for heater & fan shutdown, quickly limits interior noise, includes AM/FM radio, heater, defroster, and A/C. Does not affect windshield wipers.
1	Child alert system; armed by warning lights or door; after ignition off, an audible alert signals driver to check bus; horn will sound after 8 seconds if not disarmed or ignition not in on position; to disarm, ignition on and push button on rear wall for 3 seconds
1	Backup camera None
1	Chevy 416 exhaust under the rear bumper gasoline
1	Endcaps fiberglass front and rear exterior for use with school bus warning lights on DH units
1	Exterior steel rear corner skins left and right, driprail and below emergency exit rear door for DH units
1	Exterior aluminum left and right roof skins for DRW 416 (4section+16) units
1	Exterior steel left and right side skins, behind and above driver skins for DH 416 (4section+16) units
1	Skirts, steel below body panels for std floor DH416
1	Storage/Battery Box, steel skirt with additional steel compartment
1	Mud Flaps Rear DH
1	Fuel fill hinged door cover with non-locking latch, Painted Body Color
1	Mud flaps, front, flat
1	Flooring gray rubber, 1/8" smooth rubber under seats, 3/16" ribbed center aisle rubber 15" wide.
1	Flooring step treads, DRW standard and elevated floor models, gray pebble tread with integral white pebble nosing.
1	Plywood subfloor for DH/E416 units, 5/8" thick, marine grade
1	Add aluminum aisle trim to bus. Covers seam between under seat rubber and aisle rubber.
1	Cover tops and sides of interior wheel well with black elastomer trim cover, fits dual rear wheel wheelwells
1	14ga galvanized metal skin under plywood subfloor
1	Heater 60K floor mount for Chevy units placed IN RIGHT HAND REAR CORNER OF BUS, includes 2 shutoff valves, BLEEDER VALVE
1	Heater hose insulation wrapped around hose running under the bus.
1	Heater shut off valve, cable operated with cable operator located on the dash, use on GM units only to relocate handle from under hood to dash.
1	Interior panels below window, embossed aluminum, standard floor 416 units.
1	Interior Panels Rear Wall DRW with Exit Door, with NO AC cutout.
1	Interior panels upper, perforated noise suppression ceiling, aluminum, Painted White for DRW 416 units.
1	Grabrail 42" long 1 1/4 dia. stainless, mounted left of entry on RH barrier, designed to prevent entanglement (Passes NHSTA string and nut test)
1	Grabrail 30" long 1 1/4 dia. stainless, mounted right of entry, designed to prevent entanglement (Passes NHSTA string and nut test)
1	Mirror interior clear view back bonded glass, rounded corners and protected edges, 6 x 16 flat. Installed above drivers head on front bulkhead. Interior mirror providing the driver a clear view of interior and rear exit door.
1	Sun shield interior, adjustable, and transparent with finished edge, 7 X 22 Tinted.
1	Vandal lock for Chevy and Ford E-S, permits manual lock of rear emergency door from inside while bus not in use, with buzzer and visual indicator on panel. Engine will not start until lock is disengaged, warning buzzer will activate to alert driver lock is engaged
1	Insulation in roof bow cavities and side wall cavities
1	Application of Permasafe protective product to the interior of the bus at factory. Initial application, customer must reapply per the manufactures recommendations.
1	Brake/tail lights LED with separate license plate light, (2) 4" flush mount
1	brake/tail lights, 2- 7" LED type
1	Clearance lights LED type; row of three red lights on rear of bus and single reds on left & right rear, row of three amber lights on front of bus with single ambers on left and right front sides. Lights are low profile grommet mount.
1	Four domelights are powered through the ignition, will only function when ignition is turned on and dome light switch is on.

1	Drivers dome light tied to OEM drivers door open circuit, comes on when drivers door is open, will time itself out when door is shut.
1	Lamps, turn signal amber LED rear 7"
1	Lights, LED backup lights to work in conjunction with rear emergency door opening
1	Lights, stepwell lights are illuminated by a DOD operated switch so as to light only when the headlights and clearance lights are on and the DOD is open.
1	Strobe light, roof mounted, low profile, dual flash, with switch. Power off ignition. Strobe located 4' from rear of bus.
1	Warning lights, four red & four amber halogen 7"
1	Warning light system, 8 light, non-sequential, wired through battery, Master switch, Warning Start switch.
1	Visors 8-Light Warning Lights
1	Lights, turn signal, amber LED 2" below side bodyrail and behind entrance doors. Mount with armor.
1	Black Housing ADA Light, exterior located near lower edge of DOD. Comes on when DOD opens, or stepwell lights are on.
1	Dome light, rearmost drivers side, to work on separate switch independent of other dome lights.
1	Remote Heated Rearview and Crossview mirror system w/ black bracketry for GM DRW buses. ROSCO AccuStyle 8"x15" dual Rearview mirror incl. 7"x9.5" flat and 7"x4" convex mirror glass, with Heated EyeMax LP Crossview mirrors.
1	Headknockers to comply with FMVSS 222; foam pads covered with gray fire block upholstery.
1	Pad over driver door covered with gray fire block upholstery.
1	Paint body exterior yellow, Chevy DH/DE buses.
1	Paint scheme with black borders around warning lights and black extending the full width of front and rear caps (except SL, SH, LH units around lights only). Endcap areas around black gelcoat regions are painted body color.
1	Rubrails, floor level side rubrails that wrap around the rear of the bus to the emergency door, 4.6" tall X 16 ga steel.-BLACK
1	Rubrails, seat level side rubrails that wrap around the rear of the bus to the emergency door. Rubrails are 4.6" tall and made of 16 ga steel.-BLK
1	RUBRAIL NONE AT WINDOW LEVEL
1	Skirt level rubrails, for use with 416 models, skirt panels accommodate battery box - BLACK
1	Triangle warning reflectors (set of three).
1	Fire extinguisher, 5 lb., 3A 40BC with 10" hose and nozzle,, may only be mounted near entrance door.
1	Seat belt cutter, loaded loose in driver compartment.
1	Body fluids kit for AL, AR, CO, CT, KS, MA, MN, ND, PA, SD, TX, WI, WY, WV
1	First aid kit 36 Unit for West Virginia
1	Barrier, 39" left hand high back with medium gray fire block upholstery, leg at 27" position.
1	Barrier spacing LH to B-pillar, spacing provides energy absorption zone for 3 passengers per FMVSS222, must be selected when LH front seat accommodates 3 passengers.
1	Barrier, 39" right hand high back with medium gray fire block upholstery, no welting, leg at 27" position.
1	Barrier spacing RH to stepwell, none.
4	Seat, 39" left hand, three passenger with lap belts, with medium gray fireblock vinyl upholstery, no welting. Orange, gray, and red belts. Leg at 27" position.
4	Seat spacing LH 27in hip/knee.
4	Seat, 39" right hand, three passenger with lap belts, with medium gray fireblock vinyl upholstery, no welting. Orange, gray, and red belts. Leg at 27" position.
4	Seat spacing RH 28in hip/knee, maximum allowable to meet FMVSS 222 (school bus certification).
8	Seat mounting hardware floor mount seats, required for each non-track-mount seat
4	Seat Child Restraint Anchorage System to meet FMVSS 225. Includes Two Lower Latch Bars for One School Bus CSR System Position.
4	Seat Child Restraint Anchorage System to meet FMVSS 225. Includes One Tether Bar for One Bus CSR System, Order With LATCH Bars or Seats With Latch Bars to Complete CSRS.
1	Lower Modesty Kickpanel for HSM 39" LH DRW Barrier
4	Decal, number 5" tall black numbers, indicate size, number and location, includes 1 belt.
1	Letterbelt, 6" tall decal. Indicate lettering and location, approximately 30 character spaces available, includes both LH and RH side.
1	Decal "BATTERY" 2in black

1		Decal "UNLEADED FUEL" 2in black
1		Tape, reflective two inch yellow, outline sides/rear of DH/DE units
1		Kentucky Stop When Red Lights Flash Decal On Rear Door. Stop Is A Stop Sign. Yellow Reflective Background And Reflective Letters And Border On Stop Sign.
1		Endcap signage "SCHOOL BUS" decals 8" high black letters with 1" stroke on yellow reflective background, includes front and rear.
1		Signage, identification, "Collins"
1		Std ext. decal 2" tall "EMERGENCY DOOR" in black/arrow in black. Std int. decal 2" tall "EMERGENCY EXIT" in black/arrow red
1		Crossing control arm with yellow polycarbonate blade, solid state electronics, Specialty 78600
1		Stop Arm 2 Lights High Int LED Strobe T6100-101-E21 - PLASTIC
1		Magnetic holder for crossing arm
1		Auxiliary fan two-speed, right side over windshield.
1		Roof vent, static with non-closeable control grille.
1		Roof Hatch Transpec Low Profile Standard Safety Vent II Model 1975, 1" White Tape on Ext. Perimeter, Activate Buzzer when Opened w/ Ignition on, Emergency Exit Decals, Operating Instructions, Interior & Exterior Handles, Not Approved for Canada
1		Window Transition Chevy glass, AS2 tempered clear glass
1		Windows Rear Body DH/DE with Rubber Mounted AS3 Tempered 32% Tinted Glass
1		Window Rear Door Lower Rubber Mounted AS3 Tempered 32% Tinted Glass
1		Window Rear Door Upper Rubber Mounted AS3 Tempered 32% Tinted Glass
8		Window Split Sash 36" with AS3 Tempered 26% Tinted Glass, providing an unobstructed 12 x 28 opening when upper sash is lowered.
1		Window Split Sash 36" RH and LH Vertical Egress Hinge, Release Handle, Buzzer, Interior/Exterior Signage, and Yellow Exterior Reflective Tape.
1		Undercoat body components, chassis components such as driveline, brake lines, wiring, exhaust system are not undercoated NJ Spec.
1		Warranty, standard limited body, covers body shell, structure, seat structure for 5 YR/100K MI, manufacturer's components for 2 YR/24K MI, other components 1 YR/12K MI. Excludes corrosion due to road chemicals. See warranty policy for full details.
1		Exhaust pipe to be flush with bumper or side (+0.25"/-0.00"), otherwise exhaust pipe extends 1" to 1.5" from bumper or body
1		Install OEM hub caps at factory, Chevy and Transit units only, hub caps will NOT be included if not selected.

Floorplan



TECHNICAL SPECIFICATIONS

DH416

COLLINS SEATING PLAN

24 Passengers

4 39 inch RH Seats at 28 inch Hip to Knee

4 39 inch LH Seats at 27 inch Hip to Knee

## Type A 24 Passenger Electric

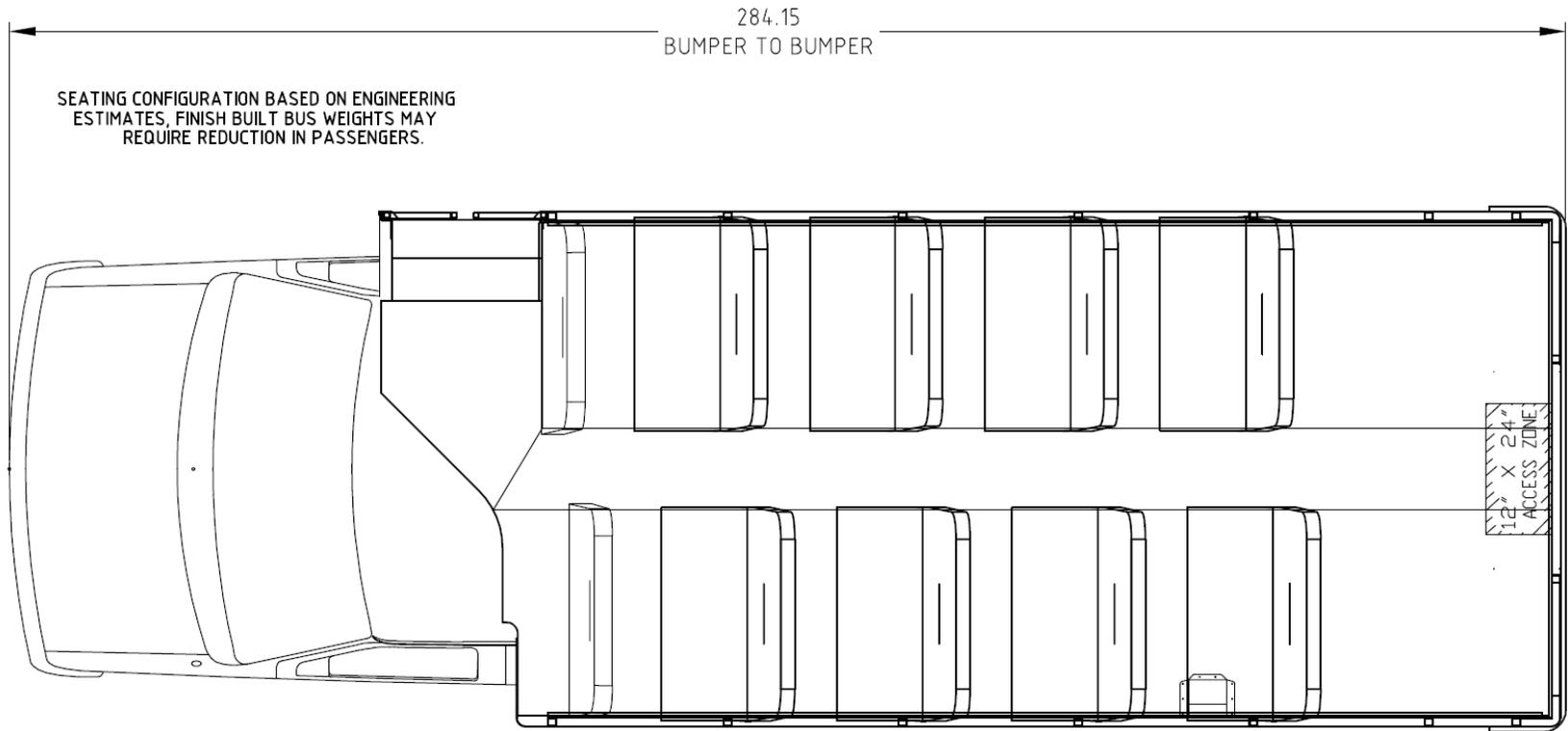
QTY	DESCRIPTION*****
1	REAR DOMES LH & RH ON ONE SWIT
1	FRONT DOMES ON ONE SWITCH
1	LOAD LOOSE TRIANGLE REFLECTORS
1	TO EXT GRABHANDLE AT DOD
1	WHITE ROOF STANDARD
1	BUS # AT LEAST 6" TALL
1	ALL UPH & PADDING IS GRAY FB
1	BACKUP LTS LOC BHD RR TIRES
1	LIGHTNING TO SET SPEED GOVENOR
1	TO VIDEO INSTALL
1	FU/22/D158/ELEC/14500/Y/ACTC
1	PRICE SCHEDULE COL 8/23/2021
1	Spec, FMVSS "School Bus" >10,000# GVWR, driver plus 10 or more passengers (wheelchair positions counted as 4 passengers), may be used to transport students to or from school.
1	Core components, DRW high headroom model 5 section +16". Standard floor (with wheelwells), 76" interior headroom, 25"X78" entrance door, 96" overall width, all-galvanized-steel construction, 2014.
1	Trim additions, Collins 5 section+16.
1	A/C Chassis with or with out front air only, no add on rear air.
1	Battery tie-in for Ford electric units with no battery box.
1	Rear wall reinforcement DH/DE for Colorado Racking Compliance
2	Bumper 10" x 3/16 galvanneal steel channel DRW, wrap around extending forward at least 12" with protecting end caps, for use with exhaust pipe routed under the bumper or to the side.
1	Bumper Brace to attach to frame side, DE/DH 516 models, Electric Chassis Only
1	Fuel system protection and preperation for Ford electric w/ Lithium Ion batteries on an elevated floor 158"WB DRW. With Heater prep package. Lightning EM
1	PARTS REQUIRED TO BUILD SPECIFIC BODY MODEL ON SPECIFIC CHASSIS BRAND (FORD ELEV 516WR)
1	Windshield Gradient Tint Top Of Windshield Ford
1	Door, entrance, black aluminum frame with full-length tempered AS2 glass for SH/DH units
1	Door entrance control, electric mechanism above door header, for glass doors, driver control panel mounted in doghouse, with manual cable-release. (NY State Spec)
1	Rear egress door, RH (curbside) hinge, aluminum construction, select glass rear door upper/lower separately.
1	Rear door hinge continuous stainless steel
1	Rear Door Latch single latch at center of door, with interior red handle and exterior web style non-hitching handle.
1	Core electrical items for Ford School buses except Transit. Includes Elect. Board, switch panel, buzzer, domes, step lights, and main harness
1	8 lamp monitor for 8-light warning system, mounted above driver on front interior skin. Does not work on LED warning lights, must use LED light compatible monitor.
1	Backup-alarm 112dBA that is activated upon placing the bus in reverse gear, wired through the ignition.
1	Circuit breakers provided instead of fuses. Breakers are manual-reset.
1	Switch for heater & fan shutdown, quickly limits interior noise, includes AM/FM radio, heater, defroster, and A/C. Does not affect windshield wipers.
1	Child alert system; armed by warning lights or door; after ignition off, an audible alert signals driver to check bus; horn will sound after 8 seconds if not disarmed or ignition not in on position; to disarm, ignition on and push button on rear wall for 3 seconds
1	Backup camera None
1	Endcaps fiberglass front and rear exterior for use with school bus warning lights on DH units
1	Exterior steel rear corner skins left and right, driprail and below emergency exit rear door for DH units
1	Exterior aluminum left and right roof skins for DRW 516 (5section+16) units
1	Exterior steel left and right side skins, behind and above driver skins for DH 516 (5section+16) units

1	Skirts, steel below body panels for std floor DH516
1	No Storage/No Battery Box, steel skirt
1	Mud Flaps Rear DH
1	Mud flaps, front, flat
1	Flooring gray rubber, 1/8" smooth rubber under seats, 3/16" ribbed center aisle rubber 15" wide.
1	Flooring step treads, DRW standard and elevated floor models, gray pebble tread with integral white pebble nosing.
1	Plywood subfloor for DH/E516 units, 5/8" thick, marine grade
1	Add aluminum aisle trim to bus. Covers seam between under seat rubber and aisle rubber.
1	Cover tops and sides of interior wheel well with black elastomer trim cover, fits dual rear wheel wheelwells
1	14ga galvanized metal skin under plywood subfloor
1	Heater 60K floor mount for Ford units placed IN RIGHT HAND REAR CORNER OF BUS, for electric engines, includes 2 shutoff valves, BLEEDER VALVE
1	Heater hose insulation wrapped around hose running under the bus.
1	Heater shut off valve, cable operated with cable operator located on the dash, use with Ford units only.
1	Interior panels below window, embossed aluminum, standard floor 516 units.
1	Interior Panels Rear Wall DRW with Exit Door, with NO AC cutout.
1	Interior panels upper, perforated noise suppression ceiling, aluminum, painted white for DRW 516 units.
1	Grabrail 42" long 1 1/4 dia. stainless, mounted left of entry on RH barrier, designed to prevent entanglement (Passes NHSTA string and nut test)
1	Grabrail 30" long 1 1/4 dia. stainless, mounted right of entry, designed to prevent entanglement (Passes NHSTA string and nut test)
1	Mirror interior clear view back bonded glass, rounded corners and protected edges, 6 x 16 flat. Installed above drivers head on front bulkhead. Interior mirror providing the driver a clear view of interior and rear exit door.
1	Sun shield interior, adjustable, and transparent with finished edge, 7 X 22 Tinted.
1	Vandal lock for Chevy and Ford E-S, permits manual lock of rear emergency door from inside while bus not in use, with buzzer and visual indicator on panel. Engine will not start until lock is disengaged, warning buzzer will activate to alert driver lock is engaged
1	Insulation in roof bow cavities and side wall cavities
1	Application of Permasafe protective product to the interior of the bus at factory. Initial application, customer must reapply per the manufactures recommendations.
1	Brake/tail lights LED with separate license plate light, (2) 4" flush mount
1	brake/tail lights, 2- 7" LED type
1	Clearance lights LED type; row of three red lights on rear of bus and single reds on left & right rear, row of three amber lights on front of bus with single ambers on left and right front sides. Lights are low profile grommet mount.
1	Four dome lights are powered through the ignition, will only function when ignition is turned on and dome light switch is on.
1	Drivers dome light tied to OEM drivers door open circuit, comes on when drivers door is open, will time itself out when door is shut.
1	Lamps, turn signal amber LED rear 7"
1	Lights, LED backup lights to work in conjunction with rear emergency door opening
1	Lights, stepwell lights are illuminated by a DOD operated switch so as to light only when the headlights and clearance lights are on and the DOD is open.
1	Strobe light, roof mounted, low profile, dual flash, with switch. Power off ignition. Strobe located 4' from rear of bus.
1	Warning lights, four red & four amber halogen 7"
1	Warning light system, 8 light, non-sequential, wired through battery, Master switch, Warning Start switch.
1	Visors 8-Light Warning Lights
1	Lights, turn signal, amber LED 2" below side bodyrail and behind entrance doors. Mount with armor.
1	Black Housing ADA Light, exterior located near lower edge of DOD. Comes on when DOD opens, or stepwell lights are on.
1	Dome light, rearmost drivers side, to work on separate switch independent of other dome lights.
1	Remote Heated Rearview and Crossview mirror system w/ black bracketry for Ford DRW buses. ROSCO AccuStyle 8"x15" dual Rearview mirror incl. 7"x9.5" flat and 7"x4" convex mirror glass, with Heated EyeMax LP Crossview mirrors.
1	Headknockers to comply with FMVSS 222; foam pads covered with gray fire block upholstery.
1	Pad over driver door covered with gray fire block upholstery.

1	Paint body exterior yellow, Ford DH/DE buses.
1	Paint Wheels Black (Outer only, does not include inner duals or spare.)
1	Paint scheme with black borders around warning lights and black extending the full width of front and rear caps (except SL, SH, LH units around lights only). Endcap areas around black gelcoat regions are painted body color.
1	Rubrails, floor level side rubrails that wrap around the rear of the bus to the emergency door, 4.6" tall X 16 ga steel.-BLACK
1	Rubrails, seat level side rubrails that wrap around the rear of the bus to the emergency door, 4.6" tall X 16 ga steel.-BLK
1	RUBRAIL NONE AT WINDOW LEVEL
1	Skirt level rubrails, for use with 516 models, skirt panels accommodate battery box - BLACK
1	Triangle warning reflectors (set of three).
1	Fire extinguisher, 5 lb., 3A 40BC with 10" hose and nozzle,, may only be mounted near entrance door.
1	Seat belt cutter, loaded loose in driver compartment.
1	Body fluids kit for AL, AR, CO, CT, KS, MA, MN, ND, PA, SD, TX, WI, WY, WV
1	First aid kit 36 Unit for West Virginia
1	Barrier, 39" left hand high back with medium gray fire block upholstery, leg at 27" position.
1	Barrier spacing LH to B-pillar, spacing provides energy absorption zone for 3 passengers per FMVSS222, must be selected when LH front seat accommodates 3 passengers.
1	Barrier, 39" right hand high back with medium gray fire block upholstery, no welting, leg at 27" position.
1	Barrier spacing RH to stepwell, none.
4	Seat, 39" left hand, three passenger with lap belts, with medium gray fireblock vinyl upholstery, no welting. Orange, gray, and red belts. Leg at 27" position.
4	Seat spacing LH 26in hip/knee.
4	Seat, 39" right hand, three passenger with lap belts, with medium gray fireblock vinyl upholstery, no welting. Orange, gray, and red belts. Leg at 27" position.
4	Seat spacing RH 25in hip/knee.
8	Seat mounting hardware floor mount seats, required for each non-track-mount seat
4	Seat Child Restraint Anchorage System to meet FMVSS 225. Includes Two Lower Latch Bars for One School Bus CSR System Position.
4	Seat Child Restraint Anchorage System to meet FMVSS 225. Includes One Tether Bar for One Bus CSR System, Order With LATCH Bars or Seats With Latch Bars to Complete CSRS.
1	Lower Modesty Kickpanel for HSM 39" LH DRW Barrier
4	Decal, number 5" tall black numbers, indicate size, number and location, includes 1 belt.
1	Letterbelt, 6" tall decal. Indicate lettering and location, approximately 30 character spaces available, includes both LH and RH side.
1	Decal "BATTERY" 2in black
1	Decal "UNLEADED FUEL" 2in black
1	Tape, reflective two inch yellow, outline sides/rear of DH/DE units
1	Kentucky Stop When Red Lights Flash Decal On Rear Door. Stop Is A Stop Sign. Yellow Reflective Background And Reflective Letters And Border On Stop Sign.
1	Endcap signage "SCHOOL BUS" decals 8" high black letters with 1" stroke on yellow reflective background, includes front and rear.
1	Signage, identification, "Collins"
1	Std ext. decal 2" tall "EMERGENCY DOOR" in black/arrow in black. Std int. decal 2" tall "EMERGENCY EXIT" in black/arrow red
1	Crossing control arm with yellow polycarbonate blade, solid state electronics, Specialty 78601
1	Stop Arm 2 Lights High Int LED Strobe T6100-101-E21 - PLASTIC
1	Magnetic holder for crossing arm
1	Auxiliary fan two-speed, right side over windshield.
1	Roof vent, static with non-closeable control grille.
1	Roof Hatch Transpec Low Profile Standard Safety Vent II Model 1975, 1" White Tape on Ext. Perimeter, Activate Buzzer when Opened w/ Ignition on, Emergency Exit Decals, Operating Instructions, Interior & Exterior Handles, Not Approved for Canada
1	Window Transition Ford glass, AS2 tempered clear glass

1	Windows Rear Body DH/DE with Rubber Mounted AS3 Tempered 32% Tinted Glass
1	Window Rear Door Lower Rubber Mounted AS3 Tempered 32% Tinted Glass
1	Window Rear Door Upper Rubber Mounted AS3 Tempered 32% Tinted Glass
10	Window Split Sash 36" with AS3 Tempered 26% Tinted Glass, providing an unobstructed 12 x 28 opening when upper sash is lowered.
1	Window Split Sash 36" RH and LH Vertical Egress Hinge, Release Handle, Buzzer, Interior/Exterior Signage, and Yellow Exterior Reflective Tape.
1	Undercoat body components, chassis components such as driveline, brake lines, wiring, exhaust system are not undercoated NJ Spec.
1	Warranty, standard limited body, covers body shell, structure, seat structure for 5 YR/100K MI, manufacturer's components for 2 YR/24K MI, other components 1 YR/12K MI. Excludes corrosion due to road chemicals. See warranty policy for full details.
1	Exhaust pipe to be flush with bumper or side (+0.25"/-0.00"), otherwise exhaust pipe extends 1" to 1.5" from bumper or body

Floorplan



DE516

COLLINS BUS SEATING PLAN

24 Passengers

4 39 inch LAP BELT RH Seats at 28 inch Hip to Knee

4 39 inch LAP BELT LH Seats at 28 inch Hip to Knee

## TECHNICAL SPECIFICATIONS

### Type A 30 Passenger

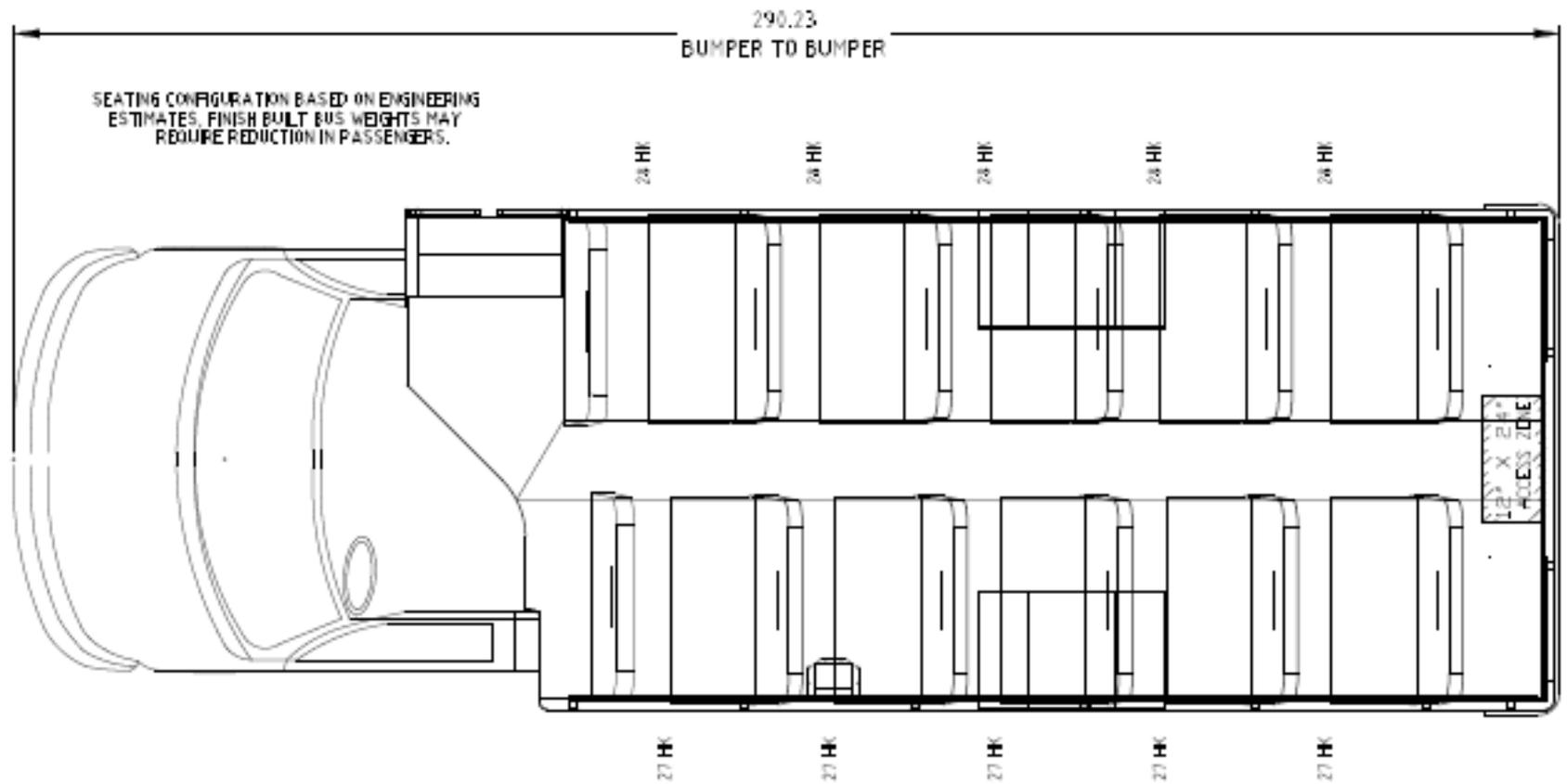
QTY	DESCRIPTION*****
1	REAR DOMES LH & RH ON ONE SWIT
1	FRONT DOMES ON ONE SWITCH
1	LOAD LOOSE TRIANGLE REFLECTORS
1	TO EXT GRABHANDLE AT DOD
1	WHITE ROOF STANDARD
1	BUS # AT LEAST 6" TALL
1	ALL UPH & PADDING IS GRAY FB
1	BACKUP LTS LOC BHD RR TIRES
1	AFTERMARKET SPEED GOVNOR
1	TO VIDEO INSTALL
1	PRICE SCHEDULE COL 8/23/2021
1	Spec, FMVSS "School Bus" >10,000# GVWR, driver plus 10 or more passengers (wheelchair positions counted as 4 passengers), may be used to transport students to or from school.
1	Core components, DRW high headroom model 5 section +16". Standard floor (with wheelwells), 76" interior headroom, 25"X78" entrance door, 96" overall width, all-galvanized-steel construction, 2014.
1	Trim additions, Collins 5 section+16.
1	STD.SEAT/BELT/ALT.KW5/NO RADIO/STD DIFF/BW/BB/N-FI/N-BH/NOSPARE/N-GOV/STDBAT
1	A/C Chassis with or with out front air only, no add on rear air.
1	Battery tie-in with switch, battery disconnect mounted in battery box, disconnects battery ground from body & chassis. (Chevy Dual Battery)
1	Rear wall reinforcement DH/DE for Colorado Racking Compliance
1	Bumper 10" x 3/16 galvaneal steel channel DRW, wrap around extending forward at least 12" with protecting end caps, for use with exhaust pipe routed under the bumper or to the side.
1	Bumper Brace to attach to frame side, DE/DH 516 models, all Gas and Diesel exhaust systems.
1	Fuel system protection and preperation for Chevy gas chassis standard floor 139"WB
1	PARTS REQUIRED TO BUILD SPECIFIC BODY MODEL ON SPECIFIC CHASSIS BRAND (CHEVY STD 516)
1	Tow eyes front Chevy, installed on chassis frame
1	Tow eyes rear only, installed on chassis frame
1	Windshield Gradient Tint Top Of Windshield Chevy
1	Engine Block Heater Installed in Gas Engine Block, for Chevy chassis. (Standard on Diesel Chassis).
1	Door, entrance, black aluminum frame with full-length tempered AS2 glass for SH/DH units
1	Door entrance control, electric mechanism above door header, for glass doors, driver control panel mounted in doghouse, with manual cable-release. (NY State Spec)
1	Rear egress door, RH (curbside) hinge, aluminum construction, select glass rear door upper/lower separately.
1	Rear door hinge continuous stainless steel
1	Rear Door Latch single latch at center of door, with interior red handle and exterior web style non-hitching handle.
1	Core electrical items for all Chevy School buses including Elect. Board, switch panel, buzzer, domes, step lights, and main harness
1	8 lamp monitor for 8-light warning system, mounted above driver on front interior skin. Does not work on LED warning lights, must use LED light compatible monitor.
1	Backup-alarm 112dBA that is activated upon placing the bus in reverse gear, wired through the ignition.
1	Circuit breakers provided instead of fuses. Breakers are manual-reset.
1	Switch for heater & fan shutdown, quickly limits interior noise, includes AM/FM radio, heater, defroster, and A/C. Does not affect windshield wipers.
1	Child alert system; armed by warning lights or door; after ignition off, an audible alert signals driver to check bus; horn will sound after 8 seconds if not disarmed or ignition not in on position; to disarm, ignition on and push button on rear wall for 5 seconds
1	Backup camera None
1	Chevy 516 exhaust thru/under the rear bumper gasoline
1	Endcaps fiberglass front and rear exterior for use with school bus warning lights on DH units

1	Exterior steel rear corner skins left and right, driprail and below emergency exit rear door for DH units
1	Exterior aluminum left and right roof skins for DRW 516 (5section+16) units
1	Exterior steel left and right side skins, behind and above driver skins for DH 516 (5section+16) units
1	Skirts, steel below body panels for std floor DH516
1	Storage/Battery Box, steel skirt with additional steel compartment
1	Mud Flaps Rear DH
1	Fuel fill hinged door cover with non-locking latch, Painted Body Color
1	Mud flaps, front, flat
1	Flooring gray rubber, 1/8" smooth rubber under seats, 3/16" ribbed center aisle rubber 15" wide.
1	Flooring step treads, DRW standard and elevated floor models, gray pebble tread with integral white pebble nosing.
1	Plywood subfloor for DH/E516 units, 5/8" thick, marine grade
1	Add aluminum aisle trim to bus. Covers seam between under seat rubber and aisle rubber.
1	Cover tops and sides of interior wheel well with black elastomer trim cover, fits dual rear wheel wheelwells
1	14ga galvanized metal skin under plywood subfloor
1	Heater 60K floor mount for Chevy units placed IN RIGHT HAND REAR CORNER OF BUS, includes 2 shutoff valves, BLEEDER VALVE
1	Heater hose insulation wrapped around hose running under the bus.
1	Heater shut off valve, cable operated with cable operator located on the dash, use on GM units only to relocate handle from under hood to dash.
1	Interior panels below window, embossed aluminum, standard floor 516 units.
1	Interior Panels Rear Wall DRW with Exit Door, with NO AC cutout.
1	Interior panels upper, perforated noise suppression ceiling, aluminum, painted white for DRW 516 units.
1	Grabrail 42" long 1 1/4 dia. stainless, mounted left of entry on RH barrier, designed to prevent entanglement (Passes NHSTA string and nut test)
1	Grabrail 30" long 1 1/4 dia. stainless, mounted right of entry, designed to prevent entanglement (Passes NHSTA string and nut test)
1	Mirror interior clear view back bonded glass, rounded corners and protected edges, 6 x 16 flat. Installed above drivers head on front bulkhead. Interior mirror providing the driver a clear view of interior and rear exit door.
1	Sun shield interior, adjustable, and transparent with finished edge, 7 X 22 Tinted.
1	Vandal lock for Chevy and Ford E-S, permits manual lock of rear emergency door from inside while bus not in use, with buzzer and visual indicator on panel. Engine will not start until lock is disengaged, warning buzzer will activate to alert driver lock is engaged
1	Insulation in roof bow cavities and side wall cavities
1	Application of Permasafe protective product to the interior of the bus at factory. Initial application, customer must reapply per the manufactures recommendations.
1	Brake/tail lights LED with separate license plate light, (2) 4" flush mount
1	brake/tail lights, 2- 7" LED type
1	Clearance lights LED type; row of three red lights on rear of bus and single reds on left & right rear, row of three amber lights on front of bus with single ambers on left and right front sides. Lights are low profile grommet mount.
1	Four domelights are powered through the ignition, will only function when ignition is turned on and dome light switch is on.
1	Drivers dome light tied to OEM drivers door open circuit, comes on when drivers door is open, will time itself out when door is shut.
1	Lamps, turn signal amber LED rear 7"
1	Lights, LED backup lights to work in conjunction with rear emergency door opening
1	Lights, stepwell lights are illuminated by a DOD operated switch so as to light only when the headlights and clearance lights are on and the DOD is open.
1	Strobe light, roof mounted, low profile, dual flash, with switch. Power off ignition. Strobe located 4' from rear of bus.
1	Warning lights, four red & four amber halogen 7"
1	Warning light system, 8 light, non-sequential, wired through battery, Master switch, Warning Start switch.
1	Visors 8-Light Warning Lights
1	Lights, turn signal, amber LED 2" below side bodyrail and behind entrance doors. Mount with armor.
1	Black Housing ADA Light, exterior located near lower edge of DOD. Comes on when DOD opens, or stepwell lights are on.
1	Dome light, rearmost drivers side, to work on separate switch independent of other dome lights.
1	Remote Heated Rearview and Crossview mirror system w/ black bracketry for GM DRW buses. ROSCO AccuStyle 8"x15" dual Rearview mirror incl. 7"x9.5" flat and 7"x4" convex mirror glass, with Heated EyeMax LP Crossview mirrors.
1	Headknockers to comply with FMVSS 222; foam pads covered with gray fire block upholstery.

1	Pad over driver door covered with gray fire block upholstery.
1	Paint body exterior yellow, Chevy DH/DE buses.
1	Paint scheme with black borders around warning lights and black extending the full width of front and rear caps (except SL, SH, LH units around lights only). Endcap areas around black gelcoat regions are painted body color.
1	Rubrails, floor level side rubrails that wrap around the rear of the bus to the emergency door, 4.6" tall X 16 ga steel.-BLACK
1	Rubrails, seat level side rubrails that wrap around the rear of the bus to the emergency door, 4.6" tall X 16 ga steel.-BLK
1	RUBRAIL NONE AT WINDOW LEVEL
1	Skirt level rubrails, for use with 516 models, skirt panels accommodate battery box - BLACK
1	Triangle warning reflectors (set of three).
1	Fire extinguisher, 5 lb., 3A 40BC with 10" hose and nozzle,, may only be mounted near entrance door.
1	Seat belt cutter, loaded loose in driver compartment.
1	Body fluids kit for AL, AR, CO, CT, KS, MA, MN, ND, PA, SD, TX, WI, WY, WV
1	First aid kit 36 Unit for West Virginia
1	Barrier, 39" left hand high back with medium gray fire block upholstery, leg at 27" position.
1	Barrier spacing LH to B-pillar, spacing provides energy absorption zone for 3 passengers per FMVSS222, must be selected when LH front seat accommodates 3 passengers.
1	Barrier, 39" right hand high back with medium gray fire block upholstery, no welting, leg at 27" position.
1	Barrier spacing RH to stepwell, none.
5	Seat, 39" left hand, three passenger with lap belts, with medium gray fireblock vinyl upholstery, no welting. Orange, gray, and red belts. Leg at 27" position.
5	Seat spacing LH 26in hip/knee.
5	Seat, 39" right hand, three passenger with lap belts, with medium gray fireblock vinyl upholstery, no welting. Orange, gray, and red belts. Leg at 27" position.
5	Seat spacing RH 25in hip/knee.
10	Seat mounting hardware floor mount seats, required for each non-track-mount seat
4	Seat Child Restraint Anchorage System to meet FMVSS 225. Includes Two Lower Latch Bars for One School Bus CSR System Position.
4	Seat Child Restraint Anchorage System to meet FMVSS 225. Includes One Tether Bar for One Bus CSR System, Order With LATCH Bars or Seats With Latch Bars to Complete CSRS.
1	Lower Modesty Kickpanel for HSM 39" LH DRW Barrier
4	Decal, number 5" tall black numbers, indicate size, number and location, includes 1 belt.
1	Letterbelt, 6" tall decal. Indicate lettering and location, approximately 30 character spaces available, includes both LH and RH side.
1	Decal "BATTERY" 2in black
1	Decal "UNLEADED FUEL" 2in black
1	Tape, reflective two inch yellow, outline sides/rear of DH/DE units
1	Kentucky Stop When Red Lights Flash Decal On Rear Door. Stop Is A Stop Sign. Yellow Reflective Background And Reflective Letters And Border On Stop Sign.
1	Endcap signage "SCHOOL BUS" decals 8" high black letters with 1" stroke on yellow reflective background, includes front and rear.
1	Signage, identification, "Collins"
1	Std ext. decal 2" tall "EMERGENCY DOOR" in black/arrow in black. Std int. decal 2" tall "EMERGENCY EXIT" in black/arrow red
1	Crossing control arm with yellow polycarbonate blade, solid state electronics, Specialty 78600
1	Stop Arm 2 Lights High Int LED Strobe T6100-101-E21 - PLASTIC
1	Magnetic holder for crossing arm
1	Auxiliary fan two-speed, right side over windshield.
1	Roof vent, static with non-closeable control grille.
1	Roof Hatch Transpec Low Profile Standard Safety Vent II Model 1975, 1" White Tape on Ext. Perimeter, Activate Buzzer when Opened w/ Ignition on, Emergency Exit Decals, Operating Instructions, Interior & Exterior Handles, Not Approved for Canada
1	Window Transition Chevy glass, AS2 tempered clear glass
1	Windows Rear Body DH/DE with Rubber Mounted AS3 Tempered 32% Tinted Glass
1	Window Rear Door Lower Rubber Mounted AS3 Tempered 32% Tinted Glass
1	Window Rear Door Upper Rubber Mounted AS3 Tempered 32% Tinted Glass
10	Window Split Sash 36" with AS3 Tempered 26% Tinted Glass, providing an unobstructed 12 x 28 opening when upper sash is lowered.

1	Window Split Sash 36" RH and LH Vertical Egress Hinge, Release Handle, Buzzer, Interior/Exterior Signage, and Yellow Exterior Reflective Tape.
1	Undercoat body components, chassis components such as driveline, brake lines, wiring, exhaust system are not undercoated NJ Spec.
1	Warranty, standard limited body, covers body shell, structure, seat structure for 5 YR/100K MI, manufacturer's components for 2 YR/24K MI, other components 1 YR/12K MI. Excludes corrosion due to road chemicals. See warranty policy for full details.
1	Exhaust pipe to be flush with bumper or side (+0.25"/-0.00"), otherwise exhaust pipe extends 1" to 1.5" from bumper or body
1	Install OEM hub caps at factory, Chevy and Transit units only, hub caps will NOT be included if not selected.

Floorplan 30 Passenger



DH516

COLLINS BUS SEATING PLAN

30 Passengers

5 LH Seats

5 39 inch LAP BELT LH Seats

5 RH Seats

5 39 inch LAP BELT RH Seats



TM

**COLLINS**  
**BUS CORPORATION**

# **Warranty Policy and Procedures Manual**

For All Models Manufactured  
By Collins Bus Corporation



# Table of Contents

## Warranty Policy and Procedures

Introduction .....	1
<b>Warranty Procedure</b>	
Determination of Warrantable Service.....	2
Warranty and Customer Relations .....	2
Determining Warranty Responsibility .....	2
When to Contact the Factory for Warranty.....	3
Sublet Warranty Repair Authorization .....	4
Performing the needed Service Repair .....	4
The Warranty Claim.....	5
Warranty Claim Form .....	5
Certification Label.....	6
Return Material Authorization Procedures .....	7
Warranty Claim Processing .....	8
Warranty Requests Not Considered.....	9
Warranty Registration .....	11
Warranty Registration Form .....	12
New Equipment .....	13
Release Receipt .....	13
Release Receipt Forms.....	14
Limited Warranty-Collins Bus .....	15
Limited Lifetime Paint Warranty-Collins Bus .....	16

## Flat Rate Allowances for Service

Rubrails.....	A
Double Out Doors (DOD) .....	A
Mirrors.....	A
Windows .....	A
Heaters .....	A
Leaks-Water .....	B
Leaks-Air.....	B
Bumper .....	B
Header Separator .....	B
Roof Hatch.....	B
Radio .....	B
Alternator .....	B
Mud Flaps .....	B
Seats and Barriers (18" to 45").....	B
Paint.....	B & C
Electrical .....	C
Air Conditioning.....	C&D
Exhaust.....	D
Undercoating .....	D



## **INTRODUCTION**

In order to ensure the satisfaction of our customers and distributors, Collins Bus Corporation has developed this comprehensive warranty policy and procedures manual. Our goal is to establish policies that will enable consistent, prompt, and equitable processing of warranty requests.

Collins Bus Corporation's warranty policy and procedures manual enables our distributors to "know where they stand" in most warranty situations. In other words, the distributor can easily determine whether a service repair is warrantable. The distributor can then deal with the customer more effectively. We at Collins Bus Corporation want to make justified warranty a prompt, consistent, and equitable experience for our mutual customers.

It is vital that the warranty registration card be completed and returned to Collins Bus Corporation within 10 days of the receipt of the vehicle by the customer. This triggers the warranty in our system enabling the claim to be processed. Completion of the warranty registration card is also required by the National Highway Transportation Safety Administration in the event notification of the user is required.

Please consider each claim on its own merits, remembering that this is proportionate to your future ability to provide a quality product at a reasonable price.

We recommend that all people who are involved with warranty service and administration become familiar with the procedures in this manual.



## **WARRANTY PROCEDURES**

### **I. DETERMINATION OF WARRANTABLE SERVICE**

There is always the question as to whether a repair is actually a warrantable adjustment. This is included to help you make that decision. All warranty claims must be filed within 30 days of the repair and within the warranty period. A claim will not be honored if it does not meet these criteria.

### **II. WARRANTY AND CUSTOMER RELATIONS**

It is very important that the first contact with the customer be conducted properly. Remember, your goal should be to give the best possible service. Blanket statements and empty promises do not help the customer, the distributor, or Collins Bus Corporation.

We are not asking that you discourage the customer from expecting warranty adjustments. However, the customer deserves to know that warranty adjustment is not automatic, and you cannot insure approval of the claim. It is much easier to inform the customer of the procedures from the beginning. If this is done, the customer will probably be more reasonable if a claim is denied.

### **III. DETERMINING WARRANTY RESPONSIBILITY**

Even though the unit has a definite problem, the answers to a few questions must be established before you can determine if it is a warrantable problem.

- A. Does the complaint originate during the stated warranty period?
- B. Has the unit been maintained properly?
- C. Is the malfunction the result of abuse or misuse?

If there is evidence of abuse, tactfully convey your observation to the customer. The time to inform your customer is when you notice the possibility of abuse, not when Collins Bus Corporation denies the claim because of abuse.

- D. If the complaint originated during the warranty period, the unit has had proper maintenance, and there is no evidence of abuse or misuse, the distributor should proceed to file a warranty claim. This does not, however, insure that the claim will be approved.



#### IV. WHEN TO CONTACT THE FACTORY FOR WARRANTY AUTHORIZATION

Collins Bus Corporation strives to maintain a high level of quality and control warranty costs. **Any repair that will exceed \$100 will require prior authorization from the factory.** To obtain a warranty authorization number, call Collins Bus Corporation's Customer Service Department at 800-533-1850 extension 424 or 414. Please provide the Collins Bus Corporation unit number, mileage, and the following information:

##### Paint and body damage:

- A. Photographs of the damaged areas-Please provide digital photographs whenever possible.
- B. Description and exact location of repair needed.
- C. Two written estimates for parts and labor from reputable body shops.

##### Weld Damage

- A. Photographs of the damaged areas-Please provide digital photographs whenever possible.
- B. Two written estimates for parts and labor.

##### Leaks

- A. Photographs of the affected areas-Please provide digital photographs whenever possible.
- B. Complete explanation of repair needed.
- C. Estimated total cost.

##### Other

- A. Description of the failure.
- B. Estimated total cost of parts and labor.



## V. SUBLET WARRANTY REPAIR

Occasionally a needed repair or service cannot be performed at a distributor's location. In circumstances such as these, the distributor is required to get estimates **prior** to getting approval and an authorization number from the Collins Bus Corporation Service Representative.

Collins Bus Corporation will pay reasonable sublet repair service expenses provided the repair service meets **every** qualification for warranty consideration. Collins Bus Corporation reserves the right to determine whether a claim is reasonable based on established policy and standards. Consideration will be given to each sublet claim based on its own integrity. However, we will not pay excessive time or excessive labor rate charges for the repair.

**The distributor must also assume the responsibility of monitoring the repair.**

## VI. PERFORMING THE NEEDED SERVICE REPAIR

Once the decision has been made to submit a warranty claim, there are several procedures to consider. The necessary repairs are to be performed in the most economical manner that will insure proper quality. Manufactured body parts that must be replaced should be obtained from the factory.

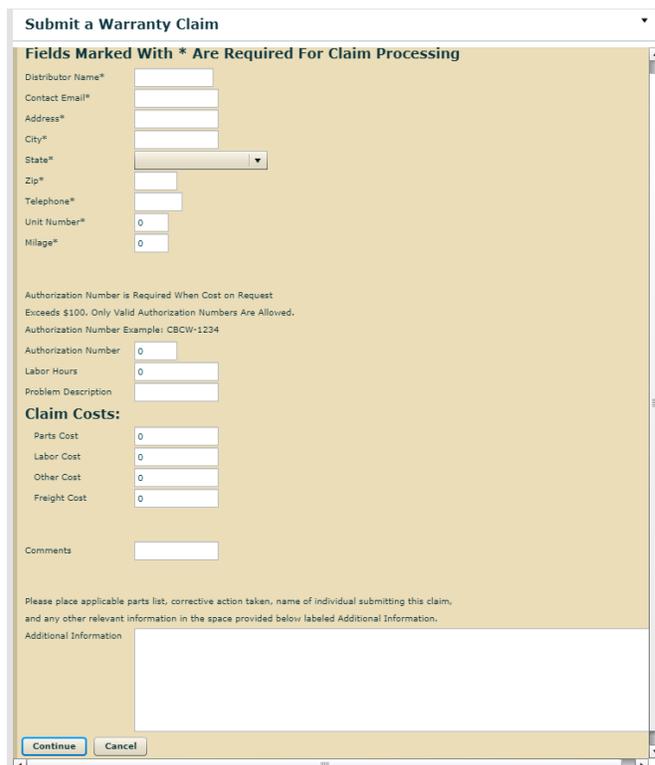
From time to time the question arises "When to repair, when to replace?" Collins Bus Corporation's policy is very simple. When it is less expensive to repair a component, repair it. When it is less expensive to replace a component, replace it. Any exception to this statement will be made by Collins Bus Corporation.

## VII. THE WARRANTY CLAIM

Warranty claims are submitted online.

The following is a step-by-step explanation of the processing of the warranty claim form. The completed form must be submitted within thirty (30) days of the failure date to qualify for consideration. All repair orders and sublet invoices must be attached to the online warranty claim and the preauthorization number must be noted on the claim form.

- Log into our website – [Http://www.collinsbuscorp.com](http://www.collinsbuscorp.com)
- Click on Parts & Service
- Enter username and password
- Click on Warranty Claim Form
- Fill in all required fields
- Click Continue
- Click the paper clip to attach the invoice
- Click on the file folder
  - Select your invoice from the files
  - Click open
- Once your invoice is located in the attach file box-Click attach
- When you are done click the red X in the top right hand corner



**Submit a Warranty Claim**

**Fields Marked With \* Are Required For Claim Processing**

Distributor Name\*

Contact Email\*

Address\*

City\*

State\*

Zip\*

Telephone\*

Unit Number\*

Milage\*

Authorization Number is Required When Cost on Request Exceeds \$100. Only Valid Authorization Numbers Are Allowed.  
 Authorization Number Example: CBCW-1234

Authorization Number

Labor Hours

Problem Description

**Claim Costs:**

Parts Cost

Labor Cost

Other Cost

Freight Cost

Comments

Please place applicable parts list, corrective action taken, name of individual submitting this claim, and any other relevant information in the space provided below labeled Additional Information.

Additional Information

# COLLINS BUS CORPORATION Certification Labels

Prior to 1992

MANUFACTURED BY:  
COLLINS BUS CORPORATION  
P.O. BOX 2946 HUTCHINSON, KANSAS 67504

DATE OF MANUFACTURE \_\_\_\_\_mo\_\_\_\_yr  
INCOMPLETE VEHICLE MANUFACTURED BY: \_\_\_\_\_

DATE INC. VEH. MFD. \_\_\_\_\_mo\_\_\_\_yr

GAWR \_\_\_\_\_

GAWR FRONT \_\_\_\_\_with \_\_\_\_\_tires,  
\_\_\_\_\_rims, @ \_\_\_\_\_psi cold.

GAWR INTERMEDIATE (1) \_\_\_\_\_with \_\_\_\_\_tires,  
\_\_\_\_\_rims, @ \_\_\_\_\_psi cold.

GAWR INTERMEDIATE (2) \_\_\_\_\_with \_\_\_\_\_tires,  
\_\_\_\_\_rims, @ \_\_\_\_\_psi cold.

GAWR REAR \_\_\_\_\_with \_\_\_\_\_tires,  
\_\_\_\_\_rims, @ \_\_\_\_\_psi cold.

THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT IN: \_\_\_\_\_mo\_\_\_\_yr  
F2946SBL

VEHICLE IDENTIFICATION NUMBER: \_\_\_\_\_

VEHICLE TYPE: \_\_\_\_\_

Located on the driver's door "B" pillar

From 1992 thru February 2001

MFD BY: THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT IN: \_\_\_\_\_

P.O. BOX 2946 HUTCHINSON, KS. 67504-2946

DATE OF MANUFACTURE: MO. \_\_\_\_\_ YR. \_\_\_\_\_

INCOMPLETE VEHICLE MANUFACTURED BY: \_\_\_\_\_

DATE INCOMPLETE VEHICLE MANUFACTURED: MO. \_\_\_\_\_ YR. \_\_\_\_\_

GAWR FRONT \_\_\_\_\_ WITH \_\_\_\_\_ TIRES,  
\_\_\_\_\_ RIMS, @ \_\_\_\_\_ PSI COLD

GAWR INTERMEDIATE (1) \_\_\_\_\_ WITH \_\_\_\_\_ TIRES,  
\_\_\_\_\_ RIMS, @ \_\_\_\_\_ PSI COLD

GAWR REAR \_\_\_\_\_ WITH \_\_\_\_\_ TIRES,  
\_\_\_\_\_ RIMS, @ \_\_\_\_\_ PSI COLD

VEHICLE TYPE: \_\_\_\_\_

UNIT# (F11202SBHWR)

VIN# \_\_\_\_\_

Located above the driver on the interior of the bus

From March 2001

MANUFACTURED BY: THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE

P.O. BOX 2946 HUTCHINSON, KS 67504-2946

DATE OF MANUFACTURE: 04/2004

VEHICLE TYPE: SCHOOL BUS

INCOMPLETE VEHICLE MANUFACTURER: GENERAL MOTORS CORPORATION

INCOMPLETE VEHICLE DATE OF MANUFACTURE: 10/2003

GVWR: 12,000 LBS / 5,452 KG

FRONT GAWR: 4,300 LBS / 1,954 KG

REAR GAWR: 8,600 LBS / 3,907 KG

WITH: LT225/75R16D TIRES

WITH: LT225/75R16D TIRES

16 X 6.5J RIMS

16 X 6.5J RIMS

@ 65 PSI / 448 KPA COLD

@ 65 PSI / 448 KPA COLD

DUAL

UNIT NUMBER: 32728 CGB6VR-12G

VIN: 1GBJG31K041140049

Located above the driver on the interior of the bus

From September 2005

MANUFACTURED BY: THIS VEHICLE HAS BEEN COMPLETED IN ACCORDANCE WITH THE PRIOR MANUFACTURER'S IVD WHERE APPLICABLE. THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE

P.O. BOX 2946 HUTCHINSON, KS 67504-2946

620-662-9000

DATE OF MANUFACTURE: 04/2007

VEHICLE TYPE: MULTIFUNCTION SCHOOL ACTIVITY BUS

INCOMPLETE VEHICLE MANUFACTURER: GENERAL MOTORS CORPORATION

INCOMPLETE VEHICLE DATE OF MANUFACTURE: 03/2007

GVWR: 4,354 KG ( 9,600 LBS)

FRONT GAWR: 1,860 KG ( 4,100 LBS)

REAR GAWR: 2,760 KG ( 6,084 LBS)

WITH: LT245/75R16E TIRES

WITH: LT245/75R16E TIRES

16 X 6.5J RIMS

16 X 6.5J RIMS

AT: 345 KPA ( 50 PSI) COLD

AT: 552 KPA ( 80 PSI) COLD

UNIT NUMBER: 38184 CLB4-9G

TX 07

VIN: 1GBHG31V271194131

38184

**TIRE AND LOADING INFORMATION**

SEATING CAPACITY	TOTAL 15	FRONT 1	REAR 14
------------------	----------	---------	---------

The combined weight of occupants and cargo should never exceed **1,148** kg or **2,532** lbs.

TIRE	SIZE	COLD TIRE PRESSURE	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION
FRONT	LT245/75R16E	345 KPA, 50 PSI	
REAR	LT245/75R16E	552 KPA, 80 PSI	
SPARE	N/A	N/A	

Located above the driver on the interior of the bus

From November 2007

THIS VEHICLE HAS BEEN COMPLETED IN ACCORDANCE WITH THE PRIOR MANUFACTURER'S IVD WHERE APPLICABLE. THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE

MANUFACTURED BY: COLLINS BUS CORPORATION

P.O. BOX 2946 HUTCHINSON, KS 67504-2946

620-662-9000

DATE OF MANUFACTURE: 11/2007

VEHICLE TYPE: SCHOOL BUS

INCOMPLETE VEHICLE MANUFACTURER: GENERAL MOTORS CORPORATION

INCOMPLETE VEHICLE DATE OF MANUFACTURE: 08/2007

GVWR: 5,579 KG ( 12,300 LBS)

FRONT GAWR: 1,950 KG ( 4,300 LBS)

REAR GAWR: 3,901 KG ( 8,600 LBS)

WITH: LT225/75R16D TIRES

WITH: LT225/75R16D TIRES

16 X 6.5J RIMS

16 X 6.5J RIMS

AT: 448 KPA ( 65 PSI) COLD

AT: 448 KPA ( 65 PSI) COLD

UNIT NUMBER: 39357 CGB6R-12G

VIN: 1GBJG31K181109076

EMPTY WEIGHT: 8844 LBS

39357

**TIRE AND LOADING INFORMATION**

SEATING CAPACITY	TOTAL 25	FRONT 1	REAR 24
------------------	----------	---------	---------

The combined weight of occupants and cargo should never exceed **1,636** kg or **3,606** lbs.

TIRE	SIZE	COLD TIRE PRESSURE	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION
FRONT	LT225/75R16D	448 KPA, 65 PSI	
REAR	LT225/75R16D	448 KPA, 65 PSI	
SPARE	N/A	N/A	

Located above the driver on the interior of the bus

Every Collins Bus Corporation bus has a certification label. This label includes the Collins Bus Corporation unit number and the vehicle identification number (VIN). To assure accurate processing of your request refer to the Collins Bus corporation unit number when ordering parts or submitting warranty.



## VIII. RETURN MATERIALS AUTHORIZATION PROCEDURES

Collins Bus Corporation will, at its discretion, require certain parts be returned to the factory for claim verification. Retain all warranty-replaced parts for 45 days following the submission of the warranty claim. If the parts are not required to be returned within that time you may dispose of them.

All parts must be authorized for return before they are shipped to Collins Bus Corporation. Any parts returned without a return materials authorization (RMA) will not be eligible for reimbursement.

### **To obtain an RMA number for:**

#### Warranty Parts

- A. Call Collins Bus Corporation Customer Service with the following:
  - 1. Part number of the parts to return.
  - 2. Description of the parts to be returned.
  - 3. Collins Bus Corporation replacement part invoice number.
  - 4. Reason or description of failure.
- B. After receiving the RMA, write the RMA number on the exterior of the box to be returned. Use the green copy of the RMA as the packing slip.
- C. Ship prepaid to: Collins Bus Corporation  
415 West 6th Street  
South Hutchinson, KS 67505

#### Misordered or Misshipped Parts

- A. Call Collins Bus Corporation Parts Department with the following:
  - 1. Part number of the parts to return.
  - 2. Description of the parts to be returned.
  - 3. Collins Bus Corporation's invoice number and your purchase order number.
  - 4. Reason you wish to return the part.
- B. After receiving the RMA, write the RMA number on the exterior of the box to be returned. Include a copy of the Collins Bus Corporation invoice for the part. Use the green copy of the RMA as the packing slip.
- C. Ship prepaid to: Collins Bus Corporation  
415 West 6th Street  
South Hutchinson, KS 67505

**Note: Misordered parts are subject to a 15% restocking fee.**



## IX. WARRANTY CLAIM PROCESSING

This section explains how your warranty claim is processed after you've submitted it to Collins Bus Corporation.

- A. The claim is entered online with the invoice attached.
- C. The warranty claim is verified for completeness and accuracy. Adjustments are made to part pricing, labor rate, and allowed labor time if necessary. If the warranty claim is missing any information it will be returned to you.
- D. The warranty claim complaint and cause are analyzed.
- E. After the warranty claim is analyzed, the determination of approval or disapproval is made.
- F. If the warranty claim is approved, the amount is credited to your account.
- G. If the warranty claim is disapproved, it will be returned to you with an explanation.



**X. WARRANTY REQUEST NOT CONSIDERED**

- A. Claims will not be considered for any of the following:
  - 1. Unit is over the warranty period. (See Collins Bus Corporation Limited Warranty Page 15).
  - 2. Warranty claim was filed more than 30 days after the repair.
  - 3. Warranty Registration card is not on file.
  - 4. Incomplete information on warranty claim form.
  
- B. Paint or body damage resulting from exposure to climate conditions, ice, water spots, tree sap, and stone chips are not Collins Bus Corporations responsibility after the unit has been released at the factory.
  
- C. Normal maintenance including, but not limited to, lubrication, maintaining fluid levels, and proper changing of filters.
  
- D. Parts and labor involved in upfitting a bus to meet state specifications, unless explicitly defined in writing at the time of the order. The responsibility for interpreting state specifications falls solely on the distributor writing the order.
  
- E. Time or travel expenses incurred in making a service call or the expense of delivering the vehicle to a service center.
  
- F. Excessive time or labor rate expenses incurred on sublet warranty repairs.
  
- G. Parts or labor expenses when repair is necessitated by:
  - 1. Lack of lubrication.
  - 2. Abuse
  - 3. Misuse
  - 4. Modifications
  - 5. Lack of adjustments
  - 6. Improper installation unless installed at Collins Bus Corporations factory.
  - 7. Damage due to freezing temperatures to unprotected systems.
  
- H. Glass breakage or rock chips in glass after the unit is released from Collins Bus Corporations factory are to be covered by the distributors or customers insurance.



- I. In-transit damage after release of the unit from Collins Bus Corporations factory.
- J. Collins Bus Corporation will not warrant chassis or chassis parts including front-end alignment.
- K. All parts manufactured by Collins bus Corporation and sold as replacement items shall carry a thirty (30) day warranty. This warranty time shall be effective from the date of replacement. In the event that the replacement part is installed in a unit that carries an existing warranty, the warranty time of the greatest duration shall be honored.

Labor incurred in the replacement of defective parts under warranty will be paid only if installed by Collins Bus Corporation or one of our authorized distributors.

- L. Procedures for replacement part vary from those of new equipment only that a copy of the retail invoice, on which the part was originally sold, must be included with the warranty claim form when the claim is submitted for parts credit consideration.



## XI. WARRANTY REGISTRATION

The warranty registration must be completed online or on paper and returned **within 10 days of delivery** of the bus. Receipt of the completed registration form activates the Collins Bus Corporation warranty.

Before any warranty consideration will be given, the warranty registration must be **on file** at Collins Bus Corporation, P.O. Box 2946, Hutchinson, KS. 67504-2946. It is suggested that each distributor take responsibility to insure that the warranty registration is properly completed upon the delivery of each unit to the retail customer.

Registering online is the preferred method

- A. Go to <http://www.collinsbuscorp.com>
- B. Click on Parts and Service
- C. Enter in username and password
- D. Enter in all information
- E. Click continue

Following are the instructions for filling out the warranty registration

- A. List the Collins Bus unit number.
- B. List the date the unit was delivered to the end user.
- C. List the mileage.
- D. List the vehicle identification number (VIN).
- E. List the full distributor name and address.
- F. List the full customer name, address, phone number and email address
- G. The distributor is to fill in the lower portion of the warranty registration card and give it to the customer for their files.
- H. Mail the top portion of the warranty registration form to Collins Bus Corporation, P.O. Box 2946, Hutchinson, KS. 67504-2946.



**Please Complete All Fields for Warranty Registration**

Online Submission Date: 2/1/2018

\*Unit Number:   
 \*Mileage:   
 \*Delivery Date:

**Distributor Information**

\*Distributor:   
 \*Address:   
 \*City:   
 \*State:   
 \*Zip Code:   
 \*Submitted By:   
 \*Confirmation Email:

The email address provided will receive a confirmation & certificate of registration.

**Customer Information**

\*Customer Name:   
 \*Customer Contact:   
 \*Address:   
 \*City:   
 \*State:   
 \*Zip Code:   
 \*Telephone:   
 \*Customer Email:

**The following information and instruction has been provided to the customer:**

Operator's Manual & Schematic?   
 Chassis Warranty Information?   
 Safe Operation & Maintenance?   
 Collins Bus/World Trans Warranty?   
 Lift Registration(if applicable)?   
 AC Warranty Registration (if applicable)?

**COLLINS BUS CORPORATION WARRANTY REGISTRATION**

UNIT NUMBER \_\_\_\_\_ DATE OF DELIVERY \_\_\_\_\_ MILEAGE \_\_\_\_\_

VEHICLE IDENTIFICATION NUMBER \_\_\_\_\_

DISTRIBUTOR'S NAME \_\_\_\_\_ CUSTOMER'S NAME \_\_\_\_\_

STREET \_\_\_\_\_ STREET \_\_\_\_\_

CITY, STATE & ZIP \_\_\_\_\_ CITY, STATE & ZIP \_\_\_\_\_

CUSTOMER'S PHONE \_\_\_\_\_

THE FOLLOWING INFORMATION AND INSTRUCTION HAS BEEN PROVIDED TO THE CUSTOMER:

( ) Operator's manual & schematic ( ) Collins Bus / World Trans warranty  
 ( ) Chassis warranty information ( ) Lift warranty registration (if applicable)  
 ( ) Safe operation & maintenance ( ) Air conditioning warranty registration (if applicable)

DISTRIBUTOR SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

I HAVE RECEIVED THE ABOVE WARRANTY AND OPERATION LITERATURE, AND THE UNIT IN GOOD CONDITION.

CUSTOMER SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

Collins Bus Corporation Form F-8.3.7 Revision 0

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DETACH HERE AND SEND UPPER PORTION TO COLLINS BUS CORPORATION, P.O. BOX 2946, HUTCHINSON, KS 67504-2946. RETAIN LOWER PORTION FOR YOUR RECORDS.

**COLLINS BUS CORPORATION**

UNIT NUMBER \_\_\_\_\_ DATE OF DELIVERY \_\_\_\_\_ MILEAGE \_\_\_\_\_

VEHICLE IDENTIFICATION NUMBER \_\_\_\_\_

DISTRIBUTOR NAME \_\_\_\_\_

STREET \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

Collins Bus Corporation Form F-8.3.7 Revision 0



## **II. NEW EQUIPMENT**

New equipment is a Collins Bus Corporation product, which is serialized as a complete unit and is not a replacement part or subassembly.

## **XIII. RELEASE RECEIPT**

Items A-H on the Release Receipt (See page 14) are completed for you at the time the unit is invoiced. It is the responsibility of the Collins Bus Corporation release agent and the person signing for the distributor (purchaser) to make sure the items listed are correct. If a discrepancy is discovered, it must be so noted on the form and immediate action should be taken to correct the item(s) prior to the unit leaving Collins Bus Corporations facility.

When picking up a finished bus, follow these instructions:

- A. Verify the distributor's name.
- B. Verify the Collins Bus Corporation unit number.
- C. Verify the chassis vehicle identification number (VIN).
- D. Check all electrical equipment and installed options for proper operation.
- E. Verify that the Collins Bus Corporation release agent has signed and dated the form.
- F. Sign and date the release sheet as the authorized delivery service. By this signature, the distributor or distributor's receiving agent is verifying that the unit was accepted as ordered unless otherwise noted.
- G. The driver signs and dates the form upon delivery of the vehicle.
- H. The customer signs and dates the form upon receipt of the vehicle. (The pink copy is returned to Collins Bus Corporation by the delivery service, if applicable).


**RELEASE RECEIPT**

 CUSTOMER / DISTRIBUTOR           **A**            
 UNIT NO.:           **B**            
 VIN.:           **C**          

 SHIP TO: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 PHONE: \_\_\_\_\_

**MOUNTED OR LOAD LOOSE ITEMS**

	COLLINS	DELIVERY SVC.
	<b>D</b>	
STORAGE BOX	_____	_____
FIRE EXTINGUISHER	_____	_____
FIRST AID KIT	_____	_____
REFLECTOR KIT	_____	_____
HUBCAPS	_____	_____
SPARE TIRE & WHEEL	_____	_____
LUG WRENCH & JACK	_____	_____
FARE BOX VAULTS	_____	_____
<b><u>SECUREMENT DEVICES</u></b>		
RACHET BELTS	_____	_____
CAM BELTS	_____	_____
LAP BELTS	_____	_____
SHOULDER BELTS	_____	_____
TORSO RESTRAINTS	_____	_____
<b><u>FLUID LEVELS</u></b>		
BRAKE	_____	_____
COOLANT	_____	_____
OIL	_____	_____
POWER STEERING	_____	_____
TRANSMISSION	_____	_____
<b><u>FORMS</u></b>		
OWNERS MANUAL	_____	_____
LIFT MANUALS	_____	_____
WARRANTY PAPERS	_____	_____
TRIP REPORT	_____	_____

**LAMPS & REFLECTIVE DEVICES-FUNCTION CHECK**

	COLLINS	DELIVERY SVC.
	<b>D</b>	
HEAD	_____	_____
TAIL	_____	_____
STOP	_____	_____
DASH	_____	_____
LICENSE PLATE	_____	_____
PARKING	_____	_____
BACK UP	_____	_____
SIDE MARKERS	_____	_____
TURN SIGNALS	_____	_____
STEPWELL	_____	_____
DOME	_____	_____
IDENTIFICATION	_____	_____
CLEARANCE	_____	_____
WARNING	_____	_____
INTERIOR	_____	_____
STOP ARM FLASHERS	_____	_____
MONITOR	_____	_____
IGNITION KEYS (2 EA.)	_____	_____
PARTS ORDER No.	_____	_____
#	_____	_____

**INTERNAL USE ONLY**
**IMPORTANT NOTICE!**

**CHECK OUT THE BUS CAREFULLY.  
 YOUR SIGNATURE INDICATES RESPONSIBILITY  
 FOR THESE ITEMS.**

 MILEAGE ON PICKUP \_\_\_\_\_  
 \_\_\_\_\_ **E** \_\_\_\_\_  
 COLLINS RELEASE AGENT \_\_\_\_\_ DATE \_\_\_\_\_  
 \_\_\_\_\_ **F** \_\_\_\_\_  
 AUTHORIZED DELIVERY SERVICE \_\_\_\_\_ DATE \_\_\_\_\_  
 MILEAGE ON DELIVERY \_\_\_\_\_  
 \_\_\_\_\_ **G** \_\_\_\_\_  
 DRIVER SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
 \_\_\_\_\_ **H** \_\_\_\_\_  
 CUSTOMER SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
 Pink-Unit File Goldenrod-Delivery Service

White-CBC Yellow-Customer/Distributor



## **Limited Warranty (Effective 1/1/11)**

Collins Bus Corporation (Collins) warrants each new bus body to be free from defects in material and workmanship under normal use and service within the expressed time and mileage limits set forth herein.

1. **What is Covered by this Warranty?** Collins warrants to the original purchaser only, that the bus that is the subject of this sale and all other original components manufactured by Collins are free from defects in material and workmanship. The duration of warranties offered here in are as follows:
  - A. For a period of five (5) years from the date of delivery or 100,000 miles, whichever occurs first, Collins warrants the:
    - a. Body shell (including structural metal components welded or riveted together forming the floor, side walls, roof, front or end caps) to be free from defects in structural integrity, including rust-through.
    - b. School bus seat frames and barrier frames to be free from defects in structural integrity.
  - B. For a period of two (2) years from the date of delivery or 24,000 miles, whichever occurs first, Collins warrants all other components manufactured by Collins.
  - C. For a period of one (1) year from the date of delivery or 12,000 miles, whichever occurs first, Collins warrants all other components not covered by A and B above, except for the chassis, the wheelchair lift (if applicable), and the air conditioner system which are warranted by their manufacturers with copies of said warranties supplied with each new bus.

If the purchaser discovers within any of the applicable periods a defect in material or workmanship, they must notify Collins promptly in writing. In no event shall such notification be received by Collins later than one (1) month after the applicable warranty period or one month after the applicable mileage, whichever comes first. Within a reasonable time such notification; Collins will correct any defect in material or workmanship with either new or used replacement parts, at Collins' option. Such repair, including both parts and labor, is a Collins' expense. All warranty work is subject to the designated service center will be at the purchaser's expense and is not included as a cost of repair covered by this warranty. These remedies are the purchaser's exclusive remedies for breach of warranty.

2. **What is Not Covered by this Warranty?** Collins does not warrant (a) any product, components or parts not manufactured by Collins, including but not limited to the chassis or any chassis part, (b) damage caused by use of the bus body for purposes other than those for which it was designed, (c) damage caused by accident or the negligence of the purchaser or any third party or by disasters such as fire, flood, wind, and lightning, (d) damage caused by the purchaser's failure to provide normal preventive maintenance as customarily accepted in the industry or as set forth in maintenance guidelines, (e) filters, belts or other parts which are a part of normal maintenance replacement, (f) damage caused by unauthorized or improper installation of attachments, repairs, modifications or alterations, (h) damage caused by replacement of original parts or components with unauthorized substitutes, (i) damage during shipment, or (j) any other abuse or misuse by the purchaser (k) damage caused by exposure to contaminants, corrosives, salt, chemicals, irradiation or environmental or atmospheric conditions, (l) tires carry only the warranty of their manufacturer. Collins makes no warranty whatsoever concerning tires.
3. **Disclaimer of Warranty.** THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
4. **Limitation of Remedies.** In no case shall Collins be liable for any special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict tort, or any other legal theory. Such damages include, but are not limited to, loss of profits, loss of savings or revenue, loss of use of the bus body or any associated equipment, cost of capital, cost of any substitute bus body, equipment, facilities or services, downtime, the claims of third parties including customers, and injury to property. This limitation does not apply to claims for personal injury. Some states do not allow limits on warranties, or on remedies for the breach in certain transactions. In such states, the limits in this paragraph and in paragraph (3) may not apply.
5. **Warranty Claim Procedure.** The Purchaser must notify Collins in writing of a warranty claim prior to any warranty work. Collins will provide the purchaser with further instructions on how to proceed with such warranty claim. Any notice of a warranty claim and all other warranty correspondence must be sent to Collins Bus Corporation, P.O. Box 2946, Hutchinson, KS 67504-2946. Collins may designate new or additional addresses.
6. **Time Limit for Bringing Suit.** Any action for breach warranty must be commenced within 15 months following delivery of the vehicle or within the first three (3) months following the first 12,000 miles, whichever comes first.
7. **No Other Warranties.** Unless modified in writing and signed by both parties, this agreement is understood to be the complete and exclusive agreement between parties, superseding all the prior agreements, oral or written, and all other communications between the parties (including without limitation any terms and conditions contained in any purchase order or sales invoice issued pursuant to the sale of this bus body) relating to the subject matter of this agreement. No employee of Collins or any other party is authorized to make any warranty in addition to those made in this agreement.
8. **Warranty Registration.** This warranty is conditioned upon receipt by Collins of a completed and signed customer acceptance card within two weeks of delivery. It is the obligation of the purchaser to sign the customer acceptance card and return it to Collins within the two weeks following delivery. The customer acceptance card must be on file for any warranty claim to be considered.



## **LIMITED LIFETIME PAINT WARRANTY (Effective 1/1/11)**

**1. What is Covered By This Warranty?** Collins Bus Corporation (CBC) warrants, to the original purchaser only, that the bus body that is the subject of this sale is effectively painted and free from coating defects in material and workmanship and further warrants that the bus body will remain free of paint defects. The duration of the warranty is for the life of the vehicle, limited however to the original purchaser commencing with the date the bus is painted by CBC. The obligation of CBC is to provide paint material and application labor according to this schedule:

- (I) Material for life of vehicle
- (II) Cost of repair labor covered in full during the first three years of the vehicle's life
- (III) 50% of the cost of repair labor in year four of the vehicle's life
- (IV) 25% of the cost of repair labor in year five of the vehicle's life

The warranty provided herein shall cover and extend to the following properties of the paint system:

- (A) Loss of adhesion of the paint system resulting in rust (less than rust grade 5, ASTM D 610-85)
- (B) Cracking of the paint system (as set forth in ASTM D 661-86)
- (C) Loss of adhesion of any element of the paint system resulting in appearance below standards set out in ASTM D 1654-79A
- (D) Fading or loss of gloss below standards set out in ASTM D 659-86, value number 4 or lower

If within the warranty period, purchaser discovers a defect in material or workmanship, it must promptly notify CBC in writing. In no event shall CBC be obligated to accept such notification unless it is received by CBC not later than one month following the expiration of the warranty period. Within a reasonable time after such notification, CBC will correct any defect in material or workmanship. Such repair, including both paint materials and labor, is at CBC's expense according to the schedule listed. All warranty work is subject to CBC's or its agent's prior examination and approval and will be performed by CBC or its agents at service centers designated by CBC or its paint vendor. All transportation to and from the designated service center will be at the purchaser's expense and is not included as a cost of repair covered by this warranty. These remedies are the purchaser's exclusive remedies for breach of warranty.

**2. What is Not Covered By This Warranty?** CBC does not warrant (a) the exterior finish on trim or any fiberglass components, including but not limited to hardware moldings, windows, mirrors, lights and other appointments and accessories, (b) any product finishes, component finishes or finishes of parts not manufactured by CBC including the chassis, (c) damage caused by use of the bus body for purposes other than those for which it was designed, (d) damage caused by accident or the negligence of the purchaser or any third party or by disasters such as fire, flood, wind, lightning, acid rain, and industrial fallout, (e) damage caused by the purchaser's failure to provide normal preventive maintenance as customarily accepted in the industry or as set forth in maintenance guidelines, (f) damage caused by unauthorized or improper installation of attachments, repair, modifications or alterations, (g) damage caused by replacement of original parts or components with unauthorized substitutes, (h) damage during shipment (i) damage caused by abrasion or external foreign objects, (j) decals, stickers, name plates, pin stripes, or damage caused by application or removal of the same, (k) damage resulting from dissimilar metal contact corrosion, or crevice corrosion, (l) and other abuse or misuse by the purchaser, (m) damage caused by exposure to contaminants, corrosives, salt, chemicals, irradiation or environmental or atmospheric conditions

**3. Disclaimer of Warranty. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

**4. Limitation of Remedies.** In no case shall CBC be liable for any special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict tort, or any other legal theory. Such damages include, but are not limited to, loss of profits, loss of savings or revenue, loss of use of the coach body, equipment, facilities or services, downtime, the claims of third parties including customers, and injury to property. This limitation does not apply to claims for personal injury. Some states do not allow limits on warranties, or on remedies for breach in certain transactions. In such states, the limits in this paragraph and in paragraph (3) may not apply.

**5. Warranty Claim Procedure.** The purchaser must notify CBC in writing of a warranty claim prior to any warranty work. CBC will provide the purchaser with further instructions on how to proceed with such warranty claim. Any notice of a warranty claim and all other warranty correspondence must be sent to Collins Bus Corporation, P.O. Box 2946, Hutchinson, Kansas 67504-2946. CBC may designate new or additional addresses.

**6. Time Limit for Bringing Suit.** Any action for breach of warranty must be commenced within three months following the expiration of the warranty period.

**7. No Other Warranties.** Unless modified in a writing signed by both parties, this agreement is understood to be the complete and exclusive agreement between the parties, superseding all prior agreements, oral or written, and all other communications between the parties (including without limitation any terms and conditions contained in any purchase order or sales invoice issued pursuant to the sale of this coach body) relating to the subject matter of this agreement. No employee of CBC or any other party is authorized to make any warranty in addition to those made in this agreement.

**8. Warranty Registration.** This warranty is conditioned upon receipt by CBC of a completed and signed customer acceptance card within two weeks of delivery. It is the obligation of the purchaser to sign the customer acceptance card and return it to CBC within the two weeks following delivery. The customer acceptance card must be on file for any warranty claim to be considered.

## Labor Rate for Warranty

### Rubrails

Paint rubrails floor level rear LH or RH	1 hr.
Paint rubrails skirt level front LH or RH	1.5 hr.
Paint rubrails seat level rear LH or RH	1.5 hr.
Paint rubrails skirt level rear lift	45 mins
Replace rubrails floor level rear LH or RH	30 mins
Replace rubrails skirt level front LH or RH	30 mins
Replace rubrails seat level rear LH or RH	1 hr.
Replace rubrails skirt level rear lift	30 mins
Install Fuel Fill Door Non- Locking	10 mins
Install Fuel Fill Door - Locking	15 mins

### Double Out Door (DOD)

DOD Chevy & Ford manual opener adjustment	15 mins
DOD Chevy & Ford electric opener adjustment	15 mins
Replace DOD tube brace	15 mins

### Mirrors

Replace manual passenger bracket fasteners	15 mins
Replace electric passenger bracket fasteners	15 mins
Replace convex glass passenger & driver side	10 mins
Replace top flat mirror glass passenger & drive side	10 mins
Replace manual passenger or driver mirror head	10 mins
Replace electric passenger or driver mirror head	15 mins

### Windows

Install or replace kick out window	20 mins
Install or replace split sash window	10 mins
Replace glass rear left corner	10 mins
Replace glass rear right corner	10 mins
Replace glass rear emergency door	15 mins
Replace Latches in sash windows (2 latches)	10 mins
Flex Seal all Windows on unit	5 mins
Remove sash win-Install new win rubber-Install sash	20 mins

### Heaters

Replace floor mount heater	30 mins
Replace side wall or wall mount heater	30 mins
Replace heater motor	15 mins
Replace heater fan blade	15 mins
Replace heater core	30 mins
Flush air from heater hoses	30 mins
R & R Heater shut off Valve	30 mins



## Labor Rate for Warranty

### Water Leaks

Removing old caulking & applying new endcap caulk	1 hr.
Removing old caulking & applying new caulk roof	1 hr.
Removing old caulking & applying new caulk roof hatch	45 mins.

### Leaks - Air

Replace rear door rubber	15 mins
Replace lift door rubber	15 mins
Remove cove molding & caulk	30 mins

### Bumper

Replace bumper Ford & Chevy	1 hr.
Paint bumper Ford & Chevy	1 hr. 30 mins

### Roof Hatch

Install roof hatch	45 mins
Caulk roof hatch	10 mins

### Radio

Replace radio-Ford	15 mins
Replace radio-Chevy	15 mins

### Alternator

Replace alternator	1 hr.
Replace voltage regulator	30 mins

### Mud Flaps

Replace front mud flaps Ford & Chevy – each	10 mins
Replace rear mud flaps Ford & Chevy	15 mins

### Seats & Barriers (18 – 45 inches)

Replace seat belt	15 mins
Replace back cover	20 mins
Replace cushion cover	30 mins
Replace back foam	20 mins
Replace cushion foam	30 mins
Replace barrier cover	45 mins
Replace barrier foam	45 mins
Replace or install grab handle	10 mins
Replace/Adjust Seat Belt Retractor	15 mins

### Paint

Paint black eyes – each	30 mins
Paint wheels – each	15 mins

## Labor Rate for Warranty

Paint rubrails length (5-39 inches)	30 mins
Paint rubrails length (40-90 inches)	45 mins
Paint rubrails length (121-182.50 inches)	1 hr. 30 mins
Paint Rear bumper	1 hr. 30 mins
Paint fender right hand 2 hours paint	
Materials Ford & Chevy	2 hrs.30 mins
Paint fender left hand 2 hours paint	
Materials Ford & Chevy	2 hrs.20 mins
Paint hood 1 hr. 30 min paint materials	
Ford & Chevy	2 hrs.15 mins
Paint sidewall right hand 3 hours paint	
Ford & Chevy Materials	5 hrs.
Paint sidewall left hand 3 hours paint	
Ford & Chevy Materials	5 hrs.
Paint corner rear right hand 1 hr.	
Paint materials Ford & Chevy	2 hrs.
Paint corner rear left hand 1 hr.	
Paint materials Ford & Chevy	2 hrs.
Paint rear door 1 hr. paint materials	
Ford & Chevy	1 hr.30 mins
Paint left door 1 hr. paint materials	
Ford & Chevy	1 hr.40 mins
Paint side storage compartment	1 hr.

### **Electrical**

Diagnosis	30 mins
Replace console switch	10 mins
Replace relay	5 mins
Replace breakers	5 mins
Splicing/Crimping wire at one location	5 mins
R & R Warn light visor	15 mins
R & R Cross arm motor	15 mins
Cross Arm–Wiring Plug-n-Play	5 mins
Replace Tail Light 7"	5 mins
Replace Tail Light Bulb 7"	5 mins
Replace Tail Light 4"	5 mins
Replace Warn Light	10 mins
Replace Warn Light Bulb	5 mins
R & R Electrical Panel	30 mins
R & R Child Check Mate	15 mins

### **Air Conditioning**

Diagnosis	30 mins
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## Labor Rate for Warranty

Replace condenser motor	15 mins
Replace filter dryer	15 mins
Replace expansion valve	30 mins
Replace compressor	1 hr.
Replace compressor MT Bracket	1.50 hr.
Replace Idler pulley	30 mins
Vacuum time	30 mins
Recharge time	30 mins
Re-crimp loose fittings	5 mins
R & R Any O ring	15 mins
R & R Any Hose Fitting	15 mins
Install Hose Splice	15 mins
Refrigerant Allowance R134a Price per lb. NOT to Exceed	\$9.00 per Lb.

### Exhaust

Replace Exhaust Hanger	15 mins
Replace Exhaust Clamp	15 mins

### Under Coating

Under coat entire unit	30 mins
Under coat wheel wells	10 mins



SAFETY FIRST | EXCLUSIVE INNOVATIONS | TRUSTED LEGACY  
www.collinsbus.com

**NEW**  
100%  
EMISSION FREE



# ALL-ELECTRIC TYPE A SCHOOL BUS

## WE'VE TAKEN A YELLOW SCHOOL BUS AND MADE IT GREEN

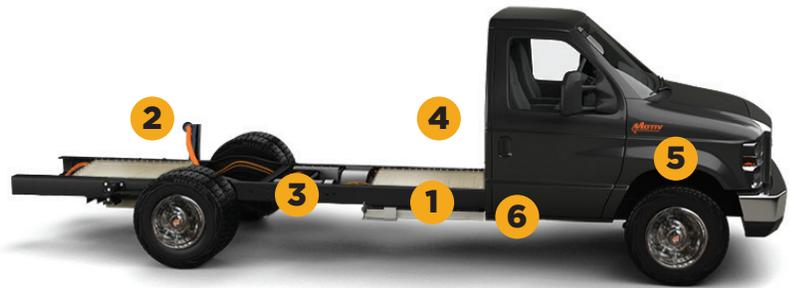
Collins developed the first Type A school bus in 1967 and for more than five decades we've been committed to innovating the future of school buses and ensuring we protect our most important passengers – mile after mile. Innovative engineering and platform flexibility fuel our process to build buses that meet every need and deliver industry-leading strength and safety. Collins designs and manufactures school buses that are at the head of their class.

Now the safest bus on the market provides the safest all-electric powered school bus as well.



## ELECTRIC BUS SPECIFICATIONS

- Battery Packs** - BMW Lithium-ion i3 passenger car batteries. 127 kWh total capacity.
- Charge Plug:** Level 2 19.2 kW AC Charging. Level 3 CCS1 DC Fast Charging optional.
- Clear Frame Rail Space:** Battery packs between the frame rails make more space for cargo and vehicle body use.
- Control Assembly:** Motiv's 5th generation AdaptEV software platform allows fleets a seamless pathway to electrification.
- DRIVE TRAIN** - No transmission needed and no shifts.
- MOTIV EPIC E-450 CHASSIS** - Based on the popular E-450 platform with more than 1,000,000 real world miles.

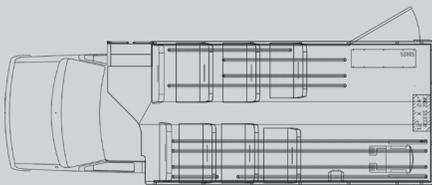


CHASSIS	
OEM Platform	Ford E-450
MaxGVWR	14,500 lbs
Battery Technology	BMW Lithium-ion
Battery Capacity	127 kWh
Range	105 miles
Peak Motor Power Rating	295 kW / 396 hp
Peak Motor Torque Rating	1190 Nm / 878 ft-lbs
Gradeability	17%
Max Speed	65 mph
Regenerative Braking	Standard
Level 2 AC Charging	19.2 kW / J1772
Level 3 DC Fast Charging	60 kW / CCS

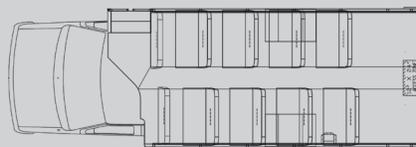
## FEATURES & BENEFITS

- Up to 85% operating and maintenance savings
- Ford eQVM-approved 5th generation technology
- Industry-proven BMW batteries validated through millions of real-world miles
- Independent battery control improves reliability and performance
- Over-the-air software updates for new features and functionality
- Industry's largest view-out window reduces blind spots and enhances visibility
- Innovative structural design provides unparalleled safety and features a one-piece tubular roof bow design

**DE516 WRF**  
Passengers (16 + 1 wheelchairs)



**DH516**  
Passengers (24 + 0 wheelchairs)



Motiv is the only Ford eQVM approved provider of all-electric chassis for school buses and benefits from engineering insights and support from Ford to ensure safety and reliability. With hundreds of thousands of miles logged among several of the largest fleet operators in the United States, the EPIC family eliminates 100% of vehicle emissions, dramatically reduces operating and maintenance costs, and creates a healthier environment for riders and communities while also reducing driver fatigue.



415 West 6th Street  
South Hutchinson, Kansas 67505  
www.collinsbus.com



## TYPE A SCHOOL BUSES

### Delivering more than 50 years of the best bus designs

The Collins name has long been synonymous with the school bus industry. After half a century of delivering Type A school buses with A+ marks for strength and safety, it only makes sense that Collins has become the nation's most trusted bus manufacturer across every segment.

### At the head of the class

Collins developed the first Type A school bus in 1967 and for more than five decades we've been committed to innovating the future of school buses and ensuring we protect our most important passengers - mile after mile. Innovative engineering and platform flexibility fuel our process to build buses that meet every need and deliver industry-leading strength and safety. Collins designs and manufactures school buses that are at the head of their class.



## STANDARD CHASSIS EQUIPMENT

SRW	CHEVY/GM	FORD E-SERIES	FORD TRANSIT
Wheelbase	139"	138"	138"/156"
Engine	4.8L/6.0L Gas	6.2L/6.8L Gas	3.7L Gas/3.2L Diesel
Transmission	6-Speed Auto w/HD Overdrive	6-Speed Auto w/HD Overdrive	6-Speed Auto w/HD Overdrive
GVWR	9,900/10,100	10,050	9,000/9,500
Fuel Tank	33 Gallon	40 Gallon	25 Gallon
Brakes	4-Wheel Disc	4-Wheel Disc	Power w/4-Wheel Anti-Loc
Tires	LT245/75R16E	LT245/75R16E	LT235/65R16C
Alternator	220 Amp	155 Amp	250 Amp Gas/210 Amp Diesel
Batteries	(2) 600 CCA	(1) 650 CCA	(2) 760 CCA

DRW	CHEVY/GM	FORD E-SERIES	FORD TRANSIT
Wheelbase	139"/159"	138"/158"	156"
Engine	4.8L/6.0L Gas	6.2L/6.8L Gas	3.7L Gas/3.2L Diesel
Transmission	6-Speed Auto w/HD Overdrive	6-Speed Auto w/HD Overdrive	6-Speed Auto w/HD Overdrive
GVWR	10,000/12,300/ 14,200	11,500/12,500/ 14,500	10,360
Fuel Tank	33 Gallon	40 Gallon	25 Gallon
Brakes	4-Wheel Disc	4-Wheel Disc	4-Wheel Disc
Tires	LT225/75R16E	LT225/75R16E	LT195/75R16C BSW
Alternator	220 Amp	155 Amp	250 Amp Gas/210 Amp Diesel
Batteries	(2) 600 CCA	(1) 650 CCA	(2) 760 CCA

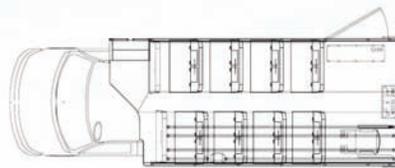
## STANDARD BODY EQUIPMENT

- One-Piece 1/2" Marine Grade Plywood Flooring
- 4 Amber, 4 Red Warning Lights
- 4 Interior LED Dome Lights
- 7" Stop/Tail/Turn Exterior Lights
- 4" Stop/Tail/Backup Lights
- Rearview and Crossover Mirrors
- One-Piece Tubular Steel Roof Bows
- White Roof
- 3-Point Seats (Required on <10,000 GVWR)
- Bench Seats (Required on <10,000 GVWR)
- Tinted 28" X 30" or 36" X 30" Split Sash Windows with 12" Opening
- Wrap-Around Rubrails at Seat and Floor Level
- Black Wrap-Around Bumpers
- 1.5" Batted Insulation
- High Density Isolation Pucks

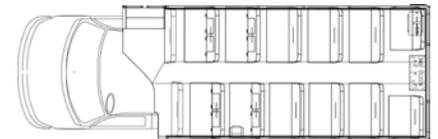
## POPULAR OPTIONS

- 3 Point Seats
- One-Piece 5/8" Marine Grade Plywood Flooring
- Activity Seats
- AM/FM/Bluetooth Radio
- Backup Alarm
- Backup Camera
- Battery/Storage Compartment
- Child Restraint Seats
- Colored Rubber Flooring
- Crossing Control Arms
- Electric DOD Door
- Electric Monitors
- Equipment Cage
- Fire Blocking Upholstery
- Interior Mirrors
- Kickout Windows
- LED Lighting Package
- Overhead Luggage (per state)
- PA System
- Rear Heater
- Rear In-Wall A/C
- Reverse Backup Sensors
- Roof Escape Hatch
- Window and Seat Level
- Rubrails
- Safety Equipment
- Spare Tire
- Stainless-Steel Wheel Covers
- Static Roof Vent
- Strobe Lighting
- Track Flooring
- Vandal Lock (Emergency Door)

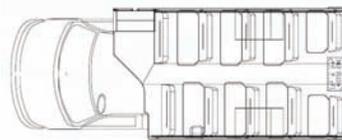
## POPULAR FLOOR PLANS



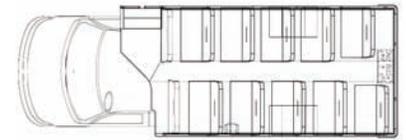
DE516WR - 24 Passenger w/1 WC



DE516 - 35 Passenger



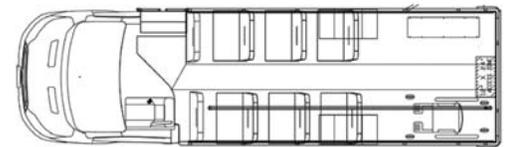
DH400 - 22 Passenger



DH500 - 28 Passenger



TH500 - 20 Passenger



TH516WR - 12 Passenger w/1 WC

Due to ongoing engineering improvements, Collins reserves the right to make changes without notification.

# SPECIFICATIONS

MODEL	Single-Rear Wheel (SRW)	Dual-Rear Wheel (DRW)	Maximum Passenger Seating	Maximum Seating Rows	Elevated Floor	Interior Height (6" from side wall)	Low-Top	High-Top	Interior Height at Center Aisle	Interior Width	Overall Length with Bumper	Overall Width with no Mirrors	Manual Entrance Door	Electric Entrance Door	Wheelchair Available
<b>SL400</b>	●	-	20*	4	-	67"	●	-	68"	78"	242"	83"	25x70"	27x70"	-
<b>SL408</b>	●	-	20*	5	-	67"	●	-	68"	78"	250"	83"	25x70"	27x70"	-
<b>SH400</b>	●	-	20*	4	-	74"	-	●	76"	78"	242"	83"	25x78"	27x78"	-
<b>SH408</b>	●	-	20*	5	-	74"	-	●	76"	78"	250"	83"	25x78"	27x78"	-
<b>DH400</b>	-	●	24*	4	-	74"	-	●	77"	91"	242"	96"	25x78"	27x78"	-
<b>DH416</b>	-	●	28*	5	-	74"	-	●	77"	91"	258"	96"	25x78"	27x78"	-
<b>DH416WR</b>	-	●	18+1**	5	-	74"	-	●	77"	91"	258"	96"	25x78"	27x78"	●
<b>DH500</b>	-	●	30*	5	-	74"	-	●	77"	91"	274"	96"	25x78"	27x78"	-
<b>DH516</b>	-	●	34*	6	-	74"	-	●	77"	91"	290"	96"	25x78"	27x78"	-
<b>DE416WR</b>	-	●	18+1**	5	●	74"	-	●	77"	91"	258"	96"	25x82"	27x82"	●
<b>DE516</b>	-	●	34*	5	●	74"	-	●	77"	91"	290"	96"	25x82"	27x78"	-
<b>DE516WR</b>	-	●	24+1**	6	●	74"	-	●	77"	91"	290"	96"	25x78"	27x82"	-
<b>TL400</b>	●	-	16*	4	-	67"	●	-	68"	78"	240"	83"	25x70"	27x70"	-
<b>TH400</b>	●	-	16*	4	-	74"	-	●	76"	78"	240"	83"	25x78"	27x78"	-
<b>TL408</b>	●	-	20*	5	-	67"	●	-	68"	78"	248"	83"	25x70"	27x70"	-
<b>TH408</b>	●	-	20*	5	-	74"	-	●	76"	78"	248"	83"	25x78"	27x78"	-
<b>TH500</b>	-	●	25*	5	-	74"	-	●	76"	78"	272"	83"	25x78"	25x78"	-
<b>TH516WR</b>	-	●	18**	5	-	74"	-	●	75"	78"	272"	83"	25x78"	25x78"	●

● Standard Equipment

\* Varies based on state and options selected

\*\* Various passenger/wheelchair configurations available

Chevy/GM or Ford E-Series Chassis

Ford Transit Series

- Industry's largest view-out window reduces blind spots and enhances visibility
- Innovative structural design provides unparalleled safety and features a one-piece tubular roof bow design
- Collins exclusive external storage compartment
- 5-Year body warranty and limited lifetime paint warranty
- Innovative electrical system offers easy-to-access service points
- Altoona tested simulating seven-years and 200,000 miles of wear

## CHEVY/GM & FORD E-SERIES

The narrow-body design of the SRW offers easy vehicle maneuverability and safety, consistent with a 15-passenger van, and the optional flat floor design of the DRW offers a variety of floor plans allowing flexibility in seating configurations, and is available with special needs wheelchair options.



**DE416WR**



**DE516WR**



**DH516**



**SH400**



**DH400**

## FORD TRANSIT SERIES

The Collins Ford Transit bus gives you greater efficiency from less fuel. The bus' narrow body maneuvers easily, even on the tightest roads. Better front-end visibility improves safety for drivers and up to 25\* passengers. The Collins Ford Transit delivers all that, all covered by the best warranty in the business.

\*Varies based on your state and the options selected.



(Optional equipment shown in some photos)