



S19ZS

March 26, 2019

To: Blue Bird Owner

Subject: S19ZS, NexGen LBR Frame Fix - Connector Channel

Models Affected: Model Year: 2019 (School Bus)
Model: All American School Bus
Vision School Bus

Bulletin Duration: One (1) Year from Date of Issue

Overview:

Blue Bird and HSM Quality/Engineering teams have determined that certain NexGen lap belt ready school bus seats manufactured from September 2017 to April 2018 have shown a history of breaking at the upper joint of the back rest assembly. HSM testing has shown this issue is not a compliance concern and examination shows it does not pose a safety concern. HSM has developed a Voluntary Technical Service Bulletin (SB18-0016 Rev 2). HSM will provide parts at no cost and will cover limited labor reimbursement for installation of the repair.

Affected Units:

2019 Blue Bird All American School Buses manufactured from October 27, 2017 through March 29, 2018 and 2019 Blue Bird Vision School Buses manufactured from September 19, 2017 through April 12, 2018. A separate printout will be provided listing all buses in your territory that are affected by this service bulletin. Service Bulletin S19ZS will be mailed to all owners on record. Be sure to review your list and advise of any incorrect owner names and/or addresses. On the subject buses, the Dealer is to execute the seat repair in accordance with Work Instruction 7.5-1050.

Repair Parts:

Reference attached HSM service repair procedure SB18-0016 Rev 2.

Time Allowance:

Reference attached HSM service repair procedure SB18-0016 Rev 2.

Completion Notification:

Please Contact HSM Customer Service at:
HSM Customer Service
Gina Moore, Senior Customer Service Manager and Sales
256 Industrial Blvd.
Fort Valley, GA 31030
Phone: 478-822-0800
Fax: 419-492-2544
gmoore@hsm solutions.com



BLUE BIRD

Blue Bird Body Company
Page 2

S19Z5

Bulletin Duration:

This Service Bulletin ends one (1) year from date of issue.

Repair Facility:

We encourage you to contact your Blue Bird Dealer to arrange to have this Service Bulletin performed. However, you may elect and have the option to perform this Service Bulletin yourself or have a qualified repair facility convenient to you perform this work. A qualified technician must perform work required under this bulletin.

Questions:

Questions regarding this bulletin should be directed to HSM Customer Service (referenced on the previous page), your local Blue Bird Dealer or Blue Bird Field Service Engineer.



WORK INSTRUCTION: 7.5-1050
SERVICE REPAIR PROCEDURE #1801-0016

PARTS/ITEMS NEEDED:

1. POWER DRILL
2. PARTS 701-405 & 701-406, CHANNELS
3. PART #600-607, QTY OF 4 PER SEAT SCREW, HEX HEAD SELF-TAPPING #12 x 1.00

REVISION HISTORY				
REV	ECN	DESCRIPTION	DATE	DRN BY
A	CM0808	NEW RELEASE; REPLACES INS-178	2/18/2019	ALN

INSTRUCTIONS:

1. REVIEW LIST PROVIDED BY HSM TO VERIFY IF A BUS IS AFFECTED BY THIS TSB. A LIST IS AVAILABLE BY DEALERSHIP.
2. REMOVE BACK COVER
 - 2A. START AT BOTTOM OF SEAT BACK BY GENTLY SEPERATING VELCRO. SEE ILL #2
 - 2B. UNHOOK (3) CLIPS ATTACHED TO BACK BOTTOM OF COVER FROM SEAT FRAME GRID WIRE. SEE ILL #4
 - 2C. CAREFULLY PULL UPWARD ON ALL SIDES OF BACKCOVER AND ROLL COVER SIDES UNTIL REACHING SLOTS WITHIN BACK OF FOAM SLOTS. SEE ILL #3 & VIEW OF FOAM BACK.
 - 2D. UNHOOK (6) CLIPS ATTACHED TO BACK OF COVER THAT GO THROUGH FOAM SLOTS FROM GRID WIRE. SEE ILL #5
 - 2E. CONTINUE PULLING UPWARD ON BACKCOVER AND ROLL CAREFULLY ON ALL SIDES UNTIL REACHING TOWARDS TOP AND REMOVE COVER. SEE ILL #3
3. GENTLY PULL UPWARD ON FOAM AND REMOVE FROM FRAME.
4. INSPECT TOP OF FRAME, CHECK IF ROUND TUBE IS FIRMLY ATTACHED TO SQUARE TUBING OR LOOSE. IF ROUND TUBE IS FIRMLY ATTACHED FOLLOW INSTRUCTIONS 4A, IF ROUND TUBE IS LOOSE FOLLOW INSTRUCTIONS 4B.
4. INSPECT TOP PORTION OF FRAME, CHECK IF ANY SCREWS HAVE BEEN PREVIOUSLY INSTALLED. IF THERE ARE NO PREVIOUSLY INSTALLED SCREWS FOLLOW 4A, IF THERE ARE SCREWS ALREADY INSTALLED FOLLOW 4B. (PREVIOUSLY INSTALLED SCREWS AND SCREWS TO INSTALL ARE THE SAME.)
 - 4A. LOCATE CHANNELS 701-405 & 701-406 AS SHOWN IN VIEWS & ILL #6. SECURE WITH SCREWS THROUGH CHANNELS & BACK OF FRAME (TOTAL OF 2 SCREWS PER PART). ASSURE CHANNELS & SCREWS ARE IN PLACE AS INDICATED ON FRAME VIEWS/ILL #6.
 - 4B. REMOVE PREVIOUSLY INSTALLED SCREWS. LOCATE CHANNELS 701-405 & 701-406 AS SHOWN IN VIEWS & ILL #6. SECURE WITH SCREWS THROUGH CHANNELS & BACK OF FRAME (TOTAL OF 2 SCREWS PER PART). ASSURE CHANNELS & SCREWS ARE IN PLACE AS INDICATED ON FRAME VIEWS/ILL #6.
5. REINSTALL FOAM ONTO FRAME AND PUSH DOWN TO ASSURE INSIDE FOAM CHANNEL IS AGAINST FRAME TOP TUBE.
6. REINSTALL COVER
 - 6A. INSTALL COVER BY CAREFULLY PULLING COVER BACK DOWNWARD ON ALL SIDES UNTIL REACHING SLOTS WITHIN BACK OF FOAM. ILL #3
 - 6B. REATTACH (6) CLIPS ATTACHED TO BACK OF COVER THROUGH SLOTS WITHIN FOAM TO GRID WIRE. ROLL COVER DOWN AS CLIPS ARE REATTACHED. ILL #5
 - 6C. REATTACH (3) CLIPS TO FRONT SIDE OF GRID WIRE TO SECOND ROD UPWARD FROM GRID WIRE BOTTOM, AS WAS BEFORE REMOVAL. ILL #4
 - 6D. NEXT ATTACH VELCRO AT BOTTOM OF SEAT AND ASSURE VELCRO IS TIGHTLY LOCKED TOGETHER. ILL #2
7. ASSURE ALL STEPS HAVE BEEN TAKEN AND SEAT FINISHES AESTHETICALLY.



ILL #1



ILL #2



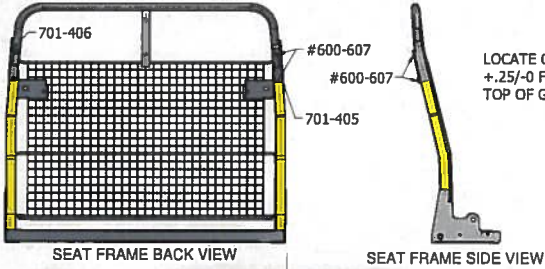
ILL #3



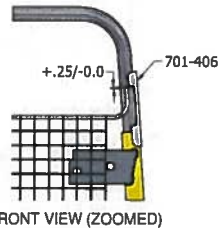
ILL #4



ILL #5



LOCATE CHANNELS
 +.25/-0 FROM
 TOP OF GRID WIRE



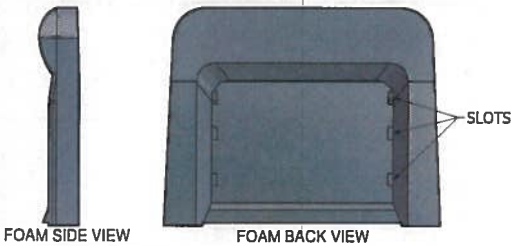
FRONT VIEW (ZOOMED)



701-406 CHANNEL LH



701-405 CHANNEL RH



FRONT VIEW

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HSM SOLUTIONS

The C.E. White Co.
 New Washington, Ohio 44854
 417 Kilmer St., P.O. Box 308
 ph 419-492-2157 fax 419-492-2544
 www.cewhite.com

DESCRIPTION INS NEXTGEN LBR FRAME FIELD FIN	SCALE
SIZE C	DRAWN BY alrims
DATE 2/18/2019	SHEET of 1
PART NUMBER INS-187	REV D

SERVICE REPAIR PROCEDURE

NextGen LBR Frame Field Fix— Connector Channel			SRP NUMBER	
			SB18-0016 Rev2	
NAME:	DEPARTMENT	DATE	REV. LVL.	
Jeff Henry	Quality	3/11/19	2	

MODEL:

School Bus Seat - NexGen LBR Seats

ISSUE:

Round Tube on the Top of Seat Frame is breaking at the weld. This is located at the top round tube and side square tube union.

REMMEDY:

Remove any existing screws that will interfere with the Connector. Install Connector Channel overlapping the round tubing and square tubing using (2) #12 x 1" lg. screws. There will be (2) screws per side. Note: the Connectors are different, one for the left side and one for the right side. Mounting Screws will be installed from the rear of the Seat Frame. See INS-187.

TOOLS REQUIRED:

ITEM:	QTY:	DESCRIPTION:
	1	Power Drill
	2	5/16" Socket

PARTS REQUIRED:

ITEM:	QTY:	PART NO.	DESCRIPTION:
1	1	701-405	RH. Channel, LBR Frame Connector
2	1	701-406	LH. Channel, LBR Frame Connector
3	4	600-607	Screw #12 x 1" long, Hex Head, Self Tapping
4	1	KITLBR-19	This Repair Kit will rework 12 RH or 12 LH Seats.

NextGen LBR Frame Field Fix— Connector Channel

SRP NUMBER

SB18-0016 Rev.2

NAME:	DEPARTMENT	DATE	REV. LVL.
Jeff Henry	Quality	3/11/19	2

REPAIR PROCEDURE

VEHICLE PREPARATION:

- 1 THE VEHICLE MUST BE PARKED ON A FLAT LEVEL SURFACE.
- 2 VEHICLE IGNITION MUST BE IN THE OFF POSITION.
- 3 THE VEHICLES PARK BRAKE MUST BE ENGAGED AND WHEEL CHAUKS MUST BE
- 4 ENSURE ADEQUATE LIGHTING IS USED DURING THE SERVICE OPERATIONS.

REPAIR INSTRUCTION:

- 1 Follow INS-187 for correct Installation of Connector Channel.

HSM SOLUTIONS

WORK INSTRUCTION: 7.5-1050
SERVICE REPAIR PROCEDURE #1801-0016

INSTRUCTIONS:

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2. REMOVE BACK COVER.
 - 2A. START AT BOTTOM OF SEAT BACK BY GENTLY SEPARATING VELCRO. SEE ILL #2
 - 2B. UNHOOK (3) CLIPS ATTACHED TO BACK BOTTOM OF COVER FROM SEAT FRAME GRID WIRE. SEE ILL #4
 - 2C. CAREFULLY PULL UPWARD ON ALL SIDES OF BACKCOVER AND ROLL COVER SIDES UNTIL REACHING SLOTS WITHIN BACK OF FOAM SLOTS. SEE ILL #7 & VIEW OF FOAM BACK.
 - 2D. UNHOOK (6) CLIPS ATTACHED TO BACK OF COVER THAT GO THROUGH FOAM SLOTS FROM GRID WIRE. SEE ILL #5
 - 2E. CONTINUE PULLING UPWARD ON BACKCOVER AND ROLL CAREFULLY ON ALL SIDES UNTIL REACHING TOWARDS TOP AND REMOVE COVER. SEE ILL #3
3. GENTLY PULL UPWARD ON FOAM AND REMOVE FROM FRAME.
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5. REINSTALL FOAM ONTO FRAME AND PUSH DOWN TO ASSURE INSIDE FOAM CHANNEL IS AGAINST FRAME TOP TUBE.
6. REINSTALL COVER
 - 6A. INSTALL COVER BY CAREFULLY PULLING COVER BACK DOWNWARD ON ALL SIDES UNTIL REACHING SLOTS WITHIN BACK OF FOAM. ILL #3
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 - 6D. NEXT ATTACH VELCRO AT BOTTOM OF SEAT AND ASSURE VELCRO IS TIGHTLY LOCKED TOGETHER. ILL #2
7. ASSURE ALL STEPS HAVE BEEN TAKEN AND SEAT FINISHES AESTHETICALLY.

REVISION HISTORY			
REV	BY	DESCRIPTION	DATE
A	CP0000	NEW RELEASE; REPLACES INS-178	3/18/2019 JAL/J

PARTS/ITEMS NEEDED:

1. POWER DRILL
2. PARTS 701-405 & 701-406, CHANNELS
3. PART #800-807, QTY OF 4 PER SEAT SCREW, HEX HEAD SELF-TAPPING #12 x 1.00

2

NextGen LBR Frame Field Fix— Connector Channel		SRP NUMBER	
		SB18-0016 Rev.2	
NAME:	DEPARTMENT		
Jeff Henry	Quality	3/11/19	2

OPERATION STATUS

OPERATION TIME:

OPR. TIME

15 minutes per seat LABOR TIME IS PROVIDED AS A GUIDE TO ESTIMATE OUT OF SERVICE TIMES.

5 MINUTES

ADMIN per vehicle

HSM WARRANTY

WARRANTY STATUS:

COVERAGE	DESCRIPTION
PARTS AND LABOR	HSM WILL SUPPLY SERVICE PARTS AT NO COST TO YOU, THE CUSTOMER, AS A GOODWILL. LABOR CHARGES MUST INCLUDE AN INVOICE STATING LABOR RATE , LABOR TIME, BLUE BIRD F-BODY NUMBER, AND NUMBER OF SEATS REPAIRED. TRAVEL TIME IS NOT INCLUDED.

HSM CUSTOMER SERVICE

CONTACT INFORMATION

Customer Service
 256 Industrial Blvd.
 Fort Valley, GA. 31030
 PHONE: 478.822.0800

TSB PARTS KIT ORDER CARD

Technical Service Bulletin S19ZS

CUSTOMER NAME: _____

SHIPPING ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

VEHICLE IDENTIFICATION "F-BODY" NO('S): _____

(PLEASE ATTACH A LIST AS NECESSARY)

ORDER DATE: ____ / ____ / ____ .

EACH KIT CONTAINS PARTS TO CORRECT 12 NEXTGEN LAP BELT READY SEATS.

PLEASE SPECIFY THE ORDER QUANTITY OF THE FOLLOWING PARTS:

HSM KITLBR-19 QTY. _____ EA.

SIGNATURE: _____ DATE: _____

TSB PARTS KIT ORDER CARD

Technical Service Bulletin S19ZS

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SHIPPING ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

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HSM

TRANSPORTATION SOLUTIONS

256 Industrial Blvd.
Fort Valley, GA. 31030

ATTENTION: CUSTOMER SERVICE DEPT.

HSM

TRANSPORTATION SOLUTIONS

256 Industrial Blvd.
Fort Valley, GA. 31030

ATTENTION: CUSTOMER SERVICE DEPT.

TSB RESPONSE CARD
Technical Service Bulletin # S19ZS

CUSTOMER NAME: _____

VEHICLE IDENTIFICATION F-BODY NO: _____

TSB COMPLETED BY: _____

COMPLETION DATE: ____ / ____ / ____.

PLEASE SELECT ONE OF THE FOLLOWING:

- VEHICLE IS NO LONGER IN SERVICE – DECLINES TSB
- VEHICLE NO LONGER REGISTERED TO THIS OWNER
- TSB REMEDY HAS BEEN COMPLETED

SIGNATURE: _____ DATE: _____

HSM CONTACT: glmoore@hsm solutions.com or Fax: 419.492.2544

TSB RESPONSE CARD
Technical Service Bulletin # S19ZS

CUSTOMER NAME: _____

VEHICLE IDENTIFICATION F-BODY NO: _____

TSB COMPLETED BY: _____

COMPLETION DATE: ____ / ____ / ____.

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256 Industrial Blvd.
Fort Valley, GA 31030

ATTENTION: CUSTOMER SERVICE DEPT.

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