



**Vehicle Attachment 4**  
**Manufacturer Specifications for 2003 Blue Bird School Bus**

**Gray Summit, MO**  
**HWY-10-MH-018**

(5 Pages)

Back

Body Number: L054128	Chassis Number: F	
View the production order	View the service parts list	
No audit data available.	View the axle parts list	No wiring panel data
View the change orders	View the vcps list	No body material data
No iocntrl data for this unit View all iocntrl data	No abs results available	No chassis material data

L054128 \*\*\* CHASSIS \*\*\* ORIGINAL PICKUP DATE 06/30/02 L054128  
 F (R) CONTROLLED DOCUMENT F (R)  
 DATE - 04/22/02 PRODUCTION ORDER FOR \*\*\* BODY NO. L054128 \*\*\* SCHEDULE NO. 02-19 ITEM 0 03256 PAGE 1  
 DISTRIBUTOR CENTRAL STATES BUS SALES INC CUST BETHALTO CUSD #8

MODEL = A3 PE 7200 LENGTH = 3503 NBR BODIES = 008 NUMBER = MAKE = CUMM MODEL =  
 VECH-CLAS = SCHOOL BUS OVER 10,000 VIN = 1BABJCPH63F (R) ENG MODEL = (R) BRAKE TYPE = H WHEELBASE = 211  
 HEADROOM = 74 W/S-STYLE = 4FF STEP = 24 HGT = (R) COWL-AXLE = TIRE SIZE = 11RX22.5H  
 SKIRT = 16 STATE = ILL. CHAS SCHEDULE NO. 02-20 AXLE-RATIO = AXLE, REAR, MERITOR, 1900

TEMPORARY

\*\*\*NONE\*\*\*

STANDARD

00241	DEL	STBPWELL 3-STEP 24 3/4	VM 31021-01	DEL	COVERING, FLOOR, RUBBER, BLACK
	DEL			DEL	
VM 00274-02		PAD, HEADER, EMERGENCY DOOR, 4IN PAD	VM 31049-08		HANDRAIL, ENT DR, BARRIER, 22.75-23.25
VM 00586		FLAPS REAR WITH BB LOGO	VM 31156-01		LIGHT, STEPWELL, 6 CANDLE
VM 01062		WHEELHOUSING MOLDED	VM 31166-01		MARKER LGT CONTROL, STEPWELL LGT
VM 01063		WHEELHOUSING MOLDED	VM 31188-01		GLASS, ENT DR, LOWER, TEMPERED
VM 01485-01		INSULATED COMPLETE	VM 31189-01		GLASS, ENT DR, UPPER, TEMPERED
VM 02016-01		WARNING SYS FS DUAL HOODS SEQ	VM 40000-05		AXLE, STEER, MERITOR, 13, 200 LBS GAWR
VM 02230		DOOR SWITCH, STEPWELL LIGHT	VM 40004-01		SUSPENSION, SPRG, FRT, PARABOLIC
VM 02683	DEL	EXTEND SEAT RAIL	VM 40005-01		SUSPENSION, SPRG, REAR, FLAT LEAF
	DEL				
VM 02824-01	DEL	SEAT, DRVS, BSTRM, BLACK VINYL	VM 40011-01		SPACER BLOCK, FRT SPRING
	DEL				
VM 03110		GRIP HANDLES	VM 40018-22	DEL	AXLE, REAR, MERITOR, 19000 LB, 4.33
				DEL	
VM 03180		VISOR FLEXIGLASS LEFT SIDE	VM 40048-01	DEL	LUBRICATION, GREASE FRT, OIL REAR
				DEL	
VM 03316	DEL	4 PC FLAT TINTED W/S	VM 40071-05		BRAKES, HYDRAULIC, MERITOR, 70MM 4 POD
	DEL				
03375		LOWER GLASS, REAR EMERGENCY DOOR	VM 40076-03		BRAKES, ANTI-LOCK (ABS), HYD
03475-12		BODY CONSTRUCTION FMVSS 221	VM 40086-04		BUMPER, REAR, STEEL
30055-01		DRIVERS UNDERSEAT HEATER	VM 40088-01		BUMPER, FRONT, STEEL 12IN
VM 30056-02		HOSE, HTR, BLACK RUBBER, W/STD CLAMPS	VM 40097-02		COLUMN, STEERING, TILT/TELESCOPING
VM 30116-01	DEL	LIGHTS, DIRECTIONALS, REAR, RED	VM 40098-01		CRUISE CONTROL
	DEL				
VM 30120-01		LIGHTS, DIR, FRONT AMBER	VM 40108-02	DEL	HOSES, COOLING, BLACK RUBBER
				DEL	
VM 30158-01	DEL	DOME, 1 ROW/1 SWITCH, CONFIG	VM 40112-01	DEL	RADIATOR, FIXED POSITION
	DEL			DEL	
VM 30173-01		LIGHT, 4IN STOP/TAIL/LICENSE	VM 40127-02		GUARD, DRIVE LINE, 1 PER SHAFT
VM 30175-01		LIGHT, 7" STOP/TAIL, ROUGH LENS, INCAN	VM 40133-05	DEL	ALTERNATOR, L-N, 160 AMP LOADHANDLER
				DEL	
VM 30176-01		LIGHT, 5" BACKUP, INCAN	VM 40142-02	DEL	BATTERY, ONE 8D
				DEL	
VM 30293-01	DEL	STOP ARM W/LIGHT, STD REFL, ELEC	40177-02	DEL	ENGINE, CUMN ISB, DSL, EPA CERT, 190HP
	DEL			DEL	
VM 30321-01		LIGHT, SWITCH PANEL, CHASSIS CTRL	VM 40215-01		EXHAUST, STD FLEX
VM 30354-02	DEL	LETTERING, "SCHOOL BUS" 8"/1" STROKE	VM 40216-04	DEL	TAILPIPE, UNDER BUMPER, TURN-DOWN
	DEL			DEL	
VM 30430-01		VINYL, REFLECTIVE, ROOF HATCH, YELLOW	VM 40233-06		FILTER, FUEL, RACOR 490R30
VM 30430-02		VINYL, REFLECTIVE, RR EMER DR YELLOW	VM 40241-01		FUEL SYSTEM, DSL, 60 GAL BFR RH FILL
VM 30430-03	DEL	VINYL, REFLECTIVE, RR EMER WDW YELLOW	VM 40280-04		GAUGE, SPEEDOMETER, MILES
	DEL				
VM 30430-04		VINYL, REFLECTIVE, P/O WINDOW YELLOW	VM 40280-06		CLOCK
VM 30430-11	DEL	VINYL, REFLECTIVE, SD EMER DR YELLOW	VM 40291-09	DEL	TIRES, MICH, 11R22.5H X2E LRH
	DEL			DEL	
VM 30483-08		MIRROR, ROSCO, AVIA, 9X17, DETENT	VM 40360-01		STRUCTURE, FRONT, LH DRIVE
VM 30484-05		MIRROR, CROSSVIEW, ROSCO, MINI HAWKEYE	40421-01	DEL	TRANSMISSION, ALLISON 2000
				DEL	
VM 30857-01	DEL	UPHOLSTERY, SOLID, BURGUNDY	VM 40440-03	DEL	WHEELS, STEEL, 7.5/22.5 DSC, HUB-PILOT
	DEL			DEL	
VM 30977-02		DOOR, ENTRANCE, OUTWARD OPENING	VM 40452-05		WHEELBASE, 211 IN
VM 30978-06		DOOR CONTROL, ELECTRIC ROTARY			
*01325-01		50 FRONT UNDERSEAT HEATER (1)	VM 40108-01		HOSES, COOLING, SILICONE
*01342		80 REAR UNDERSEAT HEATER	VM 40112-02		RADIATOR, SWING-OUT
VM 01502		INSULATED DRIVERS AREA	VM 40133-03		ALTERNATOR, L-N, 160 AMP HI-OUTPUT
VM *30058-01		PUMP, HEATER	VM 40142-04		BATTERIES, TWO 8D
VM *30292-06		CONTROL ARM, CROSSING, ELEC, POLY	VM 40168-01		HEATER, ENGINE BLOCK, INTERNAL, 750W
VM *30292-11		MAGNETIC LATCH, CROSSING CONTROL ARM	40177-10		ENGINE, CUMN ISB, DSL, EPA CERT, 205HP

DATE - 04/22/02 PRODUCTION ORDER FOR \*\*\* BODY NO. L054128 \*\*\* SCHEDULE NO. 02-19 ITEM 0 03256 PAGE 2

VM 40004-06		BAR, STABILIZER, FRT SUSPENSION	VM 40216-01		TAILPIPE, UNDER BUMPER
VM 40005-04		BAR, STABILIZER, REAR SUSPENSION	VM 40296-02		TIRES, BS, 11R22.5H R250/M711 LRH
VM 40018-24		AXLE, REAR, MERITOR, 19000 LB, 5.29	40434-01		TRANSMISSION, ALLISON 2000
VM 40048-02		LUBRICATION, OIL, PETROLEUM, AXLE	VM 40440-04		WHEELS, STEEL, 8.25X22.5 DSC, HUB-PILO
VM 40049-01		DUST SHIELDS, BRAKE, FRT/RR			

BODY

00009-02		SPECIAL INSTRUCTION	VM 03333-12		SIDE WINDOWS TINTED TEMPERED
		24.75" STEPWELL	03395-01		TINTED GLS IN STD BACK 28PCT

VM 00156-09	LARGE BATTERY COMPARTMENT ENCLOSED	VM 30030-05	2 VENT, TRANSPAC 1900, ECONO
VM 00219-02	SLIDING BOLT VANDAL LOCK - RCED		4TH, 10TH
VM 00982-12	PLYWOOD FLOOR 5/8 INCH THICK	VM 30058-01	PUMP, HEATER
VM 01014	STEEL FLOOR TRIM	VM *30196-02	HOODS, WARNING LIGHTS, DUAL
*01325-01	50 FRONT UNDERSEAT HEATER (1)	VM *30784-09	PANEL, MODESTY, BARRIER, ENT DOOR
*01342	80 REAR UNDERSEAT HEATER		REAR OF ENTRANCE
VM 01494	INSULATION NOISE REDUCTION NR-2.5	VM 30981-02	LOCK, SECURITY, ENT DOOR, CABLE
VM *02836-01	SEAT BELT, DRS 3-PT, SINGLE	VM 31028-11	COVERING, FLOOR, RUBBER
VM 03318	4 PC FLAT SHADED W/S	VM 31115-06	RUBRALL, EXT, SEAT RAIL, CONTINUOUS
VM 03324-01	4 WINDOW, P/O W/BUZZER, 9IN S/S	VM *40142-04	BATTERIES, TWO 8D
	10LH, 10RH, 4LH, 4RH	VM *40168-01	HEATER, ENGINE BLOCK, INTERNAL, 750W

\*\*\* WIRING DIAGRAM

\*\*\* SECTIONS

ELECTRICAL

		FJ	01	02	03	04	05	06	07	08	09	10	11	12	13
	CLICKS	80	77	73	69	65	61	57	53	49	45	41	36	32	28
VM *00219-02	SLIDING BOLT VANDAL LOCK - RCED														
VM 01325-01	50 FRONT UNDERSEAT HEATER (1)														
VM 01342	80 REAR UNDERSEAT HEATER														
VM *03444-01	ELEC INTERMITTENT W/S WIPERS SGL SW														
VM 30026-02	FAN, AUXILIARY, UPPER LEFT, 6"														
VM 30026-03	FAN, AUXILIARY, UPPER CENTER, 6"														
VM *30030-05	2 VENT, TRANSPAC 1900, ECONO														
	4TH, 10TH														
VM *30058-01	PUMP, HEATER														
VM 30101-02	WIRING, CL/MK/ID, PARK LGT CONTROLLED														
VM 30102-04	LIGHTS, CL/MK, TEAR DRP, 2 AMBER, 2 RED														
VM 30103-03	LIGHTS, ID, TEAR DROP														
VM 30104-01	SHIELDS, TEAR DROP LIGHTS, 4 CLR														
VM 30104-02	SHIELDS, TEAR DROP, 6 ID														
VM 30104-03	SHIELDS, TEAR DROP, 2 INTERMEDIATE														
VM 30105-04	LIGHTS, CL/MK, TEAR DROP														
VM 30116-02	LIGHTS, DIRECTIONALS, REAR, AMBER														
VM 30117-01	LIGHT, DIR, SIDE, SEALED, SHOCK MT, FRT														
VM 30151-02	LIGHTS, DOME, 6 CANDLEPOWER														
VM 30155-01	LIGHT, 1 DOME, DRIVERS, SEPERATE SW														
VM 30158-03	DOME, 2 ROW/2 SWITCHES, F & R, CONFIG														
VM 30193-01	FLASHER, W/L SYSTEM, WELDON														
VM 30196-02	HOODS, WARNING LIGHTS, DUAL														
VM 30200-02	LIGHTS, WRNG, INCAN, 8-LGT, WELDON														

PAINT

VM 01505	I-1 CAPACITY (NO.) PASSENGERS	VM 02330	WHITE ROOF
	I/S OVER RH WINDSHIELD	VM 02350	WINDOW STOP LINE 1/4 IN
VM 01513	I-9 NO STANDEES PERMITTED	VM 30395-01	PAINT DESIGN, BACKGROUND, WRNG LIGHT
	I/S OVER RH WINDSHIELD	VM 30430-05	VINYL, REFLECTIVE, SB SIGN, FRT YELLOW
VM 01561	EMERGENCY DOOR ARROWS	VM 30430-06	VINYL, REFLECTIVE, SB SIGN, RR YELLOW

DATE - 04/22/02 PRODUCTION ORDER FOR \*\*\* BODY NO. L054128 \*\*\* SCHEDULE NO. 02-19 ITEM 0 03256 PAGE 3

PAINT

01562-01	10 L-32 LETTERING 2IN (BLACK)	VM 30430-07	VINYL, REFLECTIVE, 2IN SIDE YELLOW
	BLACK, "LENGTH XX FT", I/S OVER RH	VM 30430-08	VINYL, REFLECTIVE, 1.75 IN RR YELLOW
	W/S*1		
01566-01	74 L-35 LETTERING 5IN (BLACK)		
	BLACK, "BETHALTO COMMUNITY UNIT		
	SCHOOL DISTRICT #8", BELTLINE BOTH		
	SIDES*2		

SEATS

VM 02699-39	11 DOT-TF HI-BACK SCHOOL BUS SEAT	VM 30784-09	PANEL, MODESTY, BARRIER, ENT DOOR
VM 02699-39L	11 DOT-TF HI-BACK SCHOOL BUS SEAT		REAR OF ENTRANCE
VM 02701-02	DOT HB SB SEAT REAR 26 LH	VM 30820-09	BARRIER, 39 INCH HIGH BACK
VM 02703-01	DOT HB SB SEAT REAR 39 RH	VM 30820-09L	BARRIER, 39 INCH HIGH BACK
VM 02824-05	SEAT, DRVS, BSTRM, BROWN VINYL/FABRIC	VM 30857-03	26 UPHOLSTERY, SOLID, BROWN
VM 02836-01	SEAT BELT, DRS 3-PT, SINGLE		

ACCESSORIES

VM 00374-01	RETAINER REAR EMERG DOOR	VM 30292-06	CONTROL ARM, CROSSING, ELEC, POLY
VM 00582	FLAPS FRONT, FULL LENGTH	VM 30292-11	MAGNETIC LATCH, CROSSING CONTROL ARM
VM 01026-06	WHITE RUBBER WEAR PLATE 3IN	VM 30293-04	STOP ARM W/LGT NON-REFL, ELEC
VM 02367	REFLECTORS, MECHANICALLY ATTACHED	VM 30295-03	STOP ARM LOCATION, FRONT
VM 02668	REFLECTORS 3IN AMBER FRONT	VM *30482-04	HEATED MIRROR, EXTERIOR, LOW MNT
VM 03444-01	ELEC INTERMITTENT W/S WIPERS SGL SW	VM 30756-02	HOLDER, CERTIFICATE, 4 X 6
VM 06202	CERTIFICATION PLATE ILLINOIS	VM 30921-02	LATCH, LOCKABLE, ACCESS DOOR
VM 22263	10X30 CLEAR SAFETY MIRROR	VM 31021-07	COVERING, FLOOR, RUBBER, TAN

REFERENCE

VM 01583	ARMORED CLEARANCE & CLUSTER	VM 30121-03	WIRING, DIR, SIDE, FRONT, BELTLINE
VM 30029-01	WIRING, VENT, ROOF HATCH, BUZZER ONLY	VM 30286-02	WIRING, CROSSING ARM, ELECTRIC
VM 30101-03	WIRING, CL/MK, CORNER, 2 FRONT, 2 REAR	VM 30286-04	WIRING, MAGNETIC LATCH, CROSSING ARM
VM 30101-06	WIRING, CL/MK, INTERMEDIATE	VM 30297-04	WIRING, S/ARM, ELEC, W/INCAND LGTS
VM 30121-01	WIRING, DIR, FRONT	30327-01	ENGLISH SWITCH PANEL
VM 30121-02	WIRING, DIR, REAR		

DATE - 04/22/02 PRODUCTION ORDER FOR \*\*\* BODY NO. L054128 \*\*\* SCHEDULE NO. 02-19 ITEM 0 03256 PAGE 4

BODYPLAN

BODY SECTIONS (BS )  
 LEFT: 28 FRT, 28EXOH, 28, 28, 28, 28, 28, 28EXOH, 28EXOH, 35EXOH, 28, 28, 28 REAR  
 RIGHT: 28 FRT, 28EXOH, 28, 28, 28, 28, 28, 28EXOH, 28EXOH, 35EXOH, 28, 28, 28 REAR

FLOOR GUSSETS (FG )  
 LEFT: 70WH15F10R LH, 70, 56, 21, 56WH9F2R LH, 70, 28RR LH  
 RIGHT: 70WH15F10R RH, 70, 56, 21, 56WH9F2R RH, 70, 28RR RH

FLOOR PANELS (FP )  
 RIGHT: 63WH15F3R, 28, 28, 28, 28, 28, 14, 56WH9F2R, 14, 21GNO, 21, 14, 35.25 REAR

HEADLINING PANELS (HL )  
 RIGHT: 28 NR F, 56 R, 56 R, 56 R, 35, 56 F, 28 REAR

INSIDE PANELS (IS )

LEFT: 140, 112, 35, 84  
RIGHT: 140, 112, 35, 84

OUTSIDE PANELS (OS )  
LEFT: 112, 112, 28, 35, 56, 28LH RR  
RIGHT: 112, 112, 28, 35, 56, 28RH RR

RUB RAILS (R/RL)  
LEFT: NUM58.5, END, NUM53, END, NUM53, END, NUM19, NUM11, END  
RIGHT: NUM53, END, NUM53, END, NUM41, NUM10, END, NUM23, NUM11, END

ROOF PANELS (RP )  
RIGHT: 56, 56, 56, 56, 28, 35, 56, 28

WINDOWS (WDO )  
LEFT: 28S9, 28S9, 28S9, 28PO9, 28S9, 28S9, 28S9, 28S9, 28S9, 35PO9, 28S9, 28S9, 28S9 RR  
RIGHT: 28S9, 28S9, 28S9, 28PO9, 28S9, 28S9, 28S9, 28S9, 28S9, 35PO9, 28S9, 28S9, 28S9 RR

WIRE MOLDING (WM )  
LEFT: 140, 112, 35, 56, 28RR LH  
RIGHT: 28FRT, 140, 84, 35, 56, 28RR RH

----- SEATPLAN -----  
DATE - 04/22/02 PRODUCTION ORDER FOR \*\*\* BODY NO. L054128 \*\*\* SCHEDULE NO. 02-19 ITEM 0 03256 PAGE 5  
----- SEATPLAN -----

BARRIER WIDTH (BW )  
LEFT: G39  
RIGHT: G39

GUSSET PUNCH PLAN (GPP )  
LEFT: B10.62:16.85:18, S31.54, S61.04, S90.53, S120.02, S149.50, S179.00, S208.49, S237.97, S267.46, S296.95, S326.44, S355.94  
RIGHT: B20.50:26.73:27, S40.60, S69.27, S97.93, S126.60, S155.27, S183.93, S212.60, S241.26, S269.93, S298.60, S327.26, S355.93

KNEE CLEARANCE (KC )  
LEFT: 26.99  
RIGHT: 26.17

SEAT PLACEMENT (SP )  
LEFT: 12.87B, 26.485S, 55.975S, 85.465S, 114.955S, 144.445S, 173.935S, 203.425S, 232.915S, 262.405S, 291.895S, 321.385S,  
350.875S  
RIGHT: 22.75B, 35.541S, 64.207S, 92.873S, 121.539S, 150.205S, 178.871S, 207.537S, 236.203S, 264.869S, 293.535S, 322.201S,  
350.867S

SEAT SPACING (SS )  
LEFT: 29.49  
RIGHT: 28.67

SEAT WIDTH (SW )  
LEFT: G39, G39, G39, G39, G39, G39, G39, G39, G39, G39, G39, G26T  
RIGHT: G39, G39, G39, G39, G39, G39, G39, G39, G39, G39, G39, G39T

TYPE SEATS (TS )  
RIGHT: SB HI-BACK

----- END F (80) -----

Back



PRODUCTION BODY PLAN NO: ELECTRONIC

BODY SECTIONS FRONT TO REAR:  
11-28, 35, 28 H.H. AND L.H.

USE SALES SEAT PLAN FOR PRODUCTION.

SEAT SPACING: 28.75 ± 26 R.H. 29.50 ± 25 L.H.

KNEE CLEARANCE: 26.25 ± 37 R.H. 27.00 ± 37 L.H.

POSSESSION OF THIS PRINT IN NO WAY OBLIGATES  
BLUE BIRD CORPORATION TO BUILD UNIT SHOWN.

PREPARED FOR: CENTRAL STATES

Ⓐ INSIDE DIMENSIONS ARE GUSSET PUNCH LOCATIONS  
OUTSIDE DIMENSIONS ARE FLOOR MTG HOLE LOCATIONS

REV.	DATE	BY	CHK.
A	5-99		
ADDED GUSSET PUNCH DIMS.			
REV.	DATE	BY	CHK.
1			
REVISIONS			
SCALE			
1:1			
BUS MODEL, A3503 211 WHEELBASE			
SCHOOL BUS SEATS			
71 CAPACITY			
DR. 11-9-98 BY RAG			
C 0007095			
PAGE			
OF			

TOLERANCE ON ALL DIMENSIONS IS .005  
UNLESS OTHERWISE SPECIFIED.  
DO NOT SCALE  
INCHES  
JANUARY 1998

sheetplan FRAME 1 MAY 24, 1999 09:50:19