



Vehicle Attachment 1
2012 IC School Bus – Technical Specifications

Chesterfield, NJ
HWY-12-MH-007

(19 Pages)

Line Set Ticket

VIN Number	4DRBUAAP7C8	Model	INTEGRATED CE S BUS	Build Date	9/17/2010
Eng Srl Number	2U3306097	Model Code	PB10500	Order Qty	1
Dealer Number	849588	Order Number/Suffix	550924	Starting Job Number	
Sold To	Slk-MFDT-215hp-Hyd-5	Sales Region	139	Paint Code	4421
GVWR	29760	Ignition Key	Z001	Wheel Base	253.9 in / 645.0 cm
AF Dimension	142.9 in / 363.0 cm	Gear Ratio	5.57	Recall Pending	No

Grp	Unit	Description	Cost Code
01	0001570	Q TWO FRONT TOW HOOKS	
01	0001CAC	Q FRAME RAIL 50,000 PSI YIELD 480.1" OAL	
01	0001LLE	Q BUMPER-FULL WIDTH-HD AERO-STEEL	
01	0001LMW	Q CROSS GATE/FRONT/ELECT/YELLOW BMP MOUNT	Yes
01	0001SAM	Q 2 REAR AF CROSSMEMBER	
01	0001WHU	Q WHEEL BASE RANGE 254" ONLY	Yes
01	0501022	Q 2-SUPPORT MOUNT FOR CENTER BEARING BRKT	
02	0002ASH	Q MERITOR MFS-10-122A 10K FRT AXLE	
03	0003ADB	Q 10,000-LB FRT PARABOLIC TAPER LEAF SUSP	
04	0004085	Q HYD SPLIT BRAKE SYSTEM FULL POWER W/ABS	
04	0004GAW	Q PARK BRK BOSCH ACTIVATED BY KNOB ON IP	
04	0004JNG	Q TRACTION CONTROL HYDRAULIC FULL POWER	Yes
04	0004JNP	Q BRAKES FT HYD DIS 70MM DIA PISTON	
04	0004NNL	Q REAR HYD BRK 70MM QUADRAULIC	
04	0004WRH	Q AUTOMATIC PARK BRAKE APPLICATION (HYDRL)	Yes
04	0004WXP	Q GVWR LIMITATION FOR BUS 29,800 LB CONV	Yes
04	0504083	Q AIR COMPRESSOR HADLEY 850 1/6 HP	
04	0504103	Q PROG, FULL POWER BRAKE # 1	Yes
04	0504486	Q MERITOR MA708 FRONT BRAKE LININGS	Yes
04	0504487	Q MERITOR MA708 REAR BRAKE LININGS	Yes
04	0504491	Q FRONT DUST SHIELDS FOR HYDRAULIC BRAKES	Yes
04	0504492	Q REAR AIR BRAKE DUST SHIELD FOR HYDRAULIC	Yes
05	0005708	Q TILTING STEERING COLUMN	
05	0005CAL	Q 18" DIAMETER STEERING WHEEL	
05	0005PRR	Q TAS-66 TRW POWER STEERING	
06	0506001	Q TRANSMISSION OUTPUT YOKE	
06	0506010	Q REAR REAR AXLE INPUT YOKE	
06	0506100	Q DRIVELINE LABOR	
06	0506102	Q FIRST CENTER BEARING	
06	0506103	Q CENTER BEARING SECOND XMBR	
06	0506110	Q CENTER BEARING MOUNTING PARTS	
07	0007BDV	Q EXH SGL HORZ/HORZ RSM	
07	0007WBL	Q TAIL PIPE HORIZ LT SIDE EXIT THRU BUMPER	Yes
07	0507104	Q SWITCH, FOR EXHAUST OMIT INHIBIT REGEN	Yes
08	0008000	Q ELEC SYS (12 VOLT)	
08	0008540	Q DUAL ELECTRIC HORNS	Yes
08	0008GGR	Q 200 AMP 12V ALT BOSCH LH200	
08	0008MKL	Q BATTERY SYS 3-12V INTERNATIONAL 1950CCA	
08	0008WPB	Q HEADLIGHTS (2) HALOGEN COMPOSITE AERO	Yes
08	0008WPX	Q TURN SIGNALS, FT MTD ON REAR OF FENDED	Yes
08	0008WTK	Q START MOTOR (DELCO 38MT TYPE 300)	Yes
08	0008WWJ	Q INDICATOR LOW COOLANT WITH ALARM	Yes
08	0508051	Q ELECTRICAL SYSTEM MUX FOR BC PROG ONLY	Yes
09	0009WAB	Q HOOD TILT ASSIST (MECHANICAL)	Yes
09	0009WAY	Q FIBERGLASS TILT FE 3 PIECE	
10	0010020	Q CHASSIS PAINT FULL FOR BUS	Yes
10	0010060	Q SINGLE COLOR 100 PT SCHEMATIC	Yes
10	0010788	Q PAINT URETHANE (1-2 COLORS)	Yes
10	0010947	Q IGNITION KEYS ONLY ALL ALIKE FLEET	Yes
10	0010WBE	Q ALL KEYS ALIKE Z-001	Yes
10	0040010	Q MEDIUM DUTY STD WARRANTY	Yes
10	0510000	Q BULK MATERIAL	
10	0510002	Q SERVICE ASM; CAB, DCM, HARNESS, IP	
10	0510908	Q RED EXTENDED LIFE COOLANT EFFECTS	Yes
10	0510912	Q VEPS ID 3 WAY WARNING LIGHT SYSTEM	Yes
10	0510924	Q ENGINEERING PROG ID 2007 REFRESH EFFECTS	Yes
10	0510935	Q VEPS IDENTITY	Yes
10	0510944	Q VEPS IDENTITY	Yes
10	0510974	Q ENGINEERING PROG ID 2010 EMISSIONS STD	Yes
10	0510993	Q VEPS IDENTITY	Yes
10	0535003	Q PAINT COLOR GROUP NO. 03	Yes
10	0535008	Q PAINT CHASSIS COLOR GROUP NO. 08	
10	0535011	Q IDENTITY CODE FOR STD PAINT COLORS ONLY	Yes
10	0548118	Q K/O WINDOW LEFT, 1ST BOW SECT 5	Yes

10	0548180	Q FRONT ROOF HATCHM BOW SECT 3	Yes
10	0548197	Q REAR ROOF HATCH BOW SECT 8	Yes
10	0548224	Q K/O WINDOW RIGHT 1ST BOW SECT 6	Yes
10	0548330	Q HEAT AUX LT AFT RR WHEEL PKT BOW SECT 9	Yes
10	0548407	Q SEAT BELT, TRIPLE CLAMP 10 SETS	Yes
10	0548413	Q SEAT BELT, DUAL CLAMP 12 SETS	Yes
10	0595AAC	Q BC PROG, KEY STATE	Yes
10	0595AAD	Q BC PROG, BRAKE SWITCH	Yes
10	0595AAH	Q BC PROG, LIGHTS ON WWIPERS	Yes
10	0595AAV	Q BC PROG, ELECTRIC CITY HORN	Yes
10	0595ABA	Q BC PROG, SEATBELT INDICATOR	Yes
10	0595ABD	Q BC PROG, FUEL TANK GAUGE RT SIDE	Yes
10	0595ABG	Q BC PROG, ENGINE TYPE MFG INTERNATIONAL	Yes
10	0595ABK	Q BC PROG, ENGINE COOLANT TEMP GAUGE	Yes
10	0595ABL	Q BC PROG, ENGINE OIL PRESSURE GAUGE	Yes
10	0595ABN	Q BC PROG, SPEEDOMETER	Yes
10	0595ABP	Q BC PROG, VOLTMETER	Yes
10	0595ABV	Q BC PROG, ABS INDICATOR	Yes
10	0595ADZ	Q BC PROG, TRANS OIL TEMP, TCM	Yes
10	0595AEH	Q BC PROG, EXTERIOR LIGHT CHECK BUS	Yes
10	0595AER	Q BC PROG, TACHOMETER 4000RPM	Yes
10	0595AEV	Q BC PROG, PRNDL W 5 SPD SHIFTER INTERLOCK	Yes
10	0595AEX	Q BC PROG, CROSSING GATE DISABLE SWITCH	Yes
10	0595AGA	Q BC PROG, BUZZER EMERG EXIT	Yes
10	0595AGH	Q BC PROG, SWITCH DOOR CONTROL	Yes
10	0595AGK	Q BC PROG, FUEL FILTER PLUGGED	Yes
10	0595AGL	Q BC PROG, POST TRIP INSPECTION	Yes
10	0595AGR	Q BC PROG, PUPIL WARN LIGHTS	Yes
10	0595AHM	Q BC PROG, VANDAL LOCK WARNING LIGHTS	Yes
10	0595AKX	Q BC PROG, THROTTLE CRUISE SWITCHES IN 6PK	Yes
10	0595ALG	Q BC PROG, HEADLIGHT W/DRL W/PUPIL WARN	Yes
10	0595ALM	Q BC PROG, FLASHER SYS CONTROLLER	Yes
10	0595ALR	Q BC PROG, HYDRAULIC BRAKE SPLIT	Yes
10	0595ALS	Q BC PROG, POWER BRAK BRAKE SPLIT	Yes
10	0595ALW	Q BC PROG, STOP/TURN DIAGNOSTIC OMIT	Yes
10	0595AMB	Q BC PROG TURN SIGNALS/BRAKE/HAZ/STOP/TURN	Yes
10	0595AND	Q BC PROG, ECONOMY MODE LIGHT	Yes
10	0595ANR	Q BC PROG, PARK BRAKE RELAY	Yes
10	0595ANW	Q BC PROG, DIAGNOSTICS DISPLAY IN CLUSTER	Yes
10	0595AYC	Q BC PROG, WINDSHIELD WIPER W/O INDICATOR	Yes
10	0595AYR	Q BC PROG, ECONOMY MODE SWITCH	Yes
10	0595AZZ	Q BC PROG, PARK LT/MARKER LIGHTS W/20AMP	Yes
10	0595BBB	Q BC PROG, ENGINE FAN OVERRIDE#2	Yes
10	0595BJB	Q BC PROG, WAIT TO START 2010 CLUSTER	Yes
10	0595BJC	Q BC PROG, IND. FILTER CLOG 2010 CLUSTER	Yes
10	0595BJD	Q BC PROG, EXHAUST HI TEMP ID 2010 CLUSTER	Yes
10	0595BJJ	Q BC PROG, PARK REGEN SW 2010 CLUSTER	Yes
10	0595BJK	Q BC PROG, RANGE WARN LIGHT 2010 CLUSTER	Yes
10	0595BJP	Q BC PROG, TRAC CONTROL IND 2010 CLUSTER	Yes
10	0595BJU	Q BC PROG, IP CONFIG BUS 2010 CLUSTER	Yes
10	0595BKE	Q BC PROG, BODY CONTROLLER FOR BUS 2	Yes
11	0011001	Q OMIT CLUTCH & CONTROLS	Yes
12	<u>0012959</u>	Q ENG BLOCK HEATER(PHILLIPS)120V-1250W	
12	<u>0012NUK</u>	Q MAXXFORCE DT 215HP/2400 GOV	
12	<u>0012TSY</u>	Q FAN DRIVE VISCOUS BORG WARNER SA-85	
12	0012UGN	Q THROTTLE CONTROL ELECTRONIC	Yes
12	0012UXG	Q 2010 FEDERAL EMISSIONS MAXXFORCE DT ENG	Yes
12	<u>0012UYE</u>	Q RAD 717" CAC 313" W/TRANS COOLER	
12	<u>0012VBR</u>	Q AIR CLEANER W/SERVICE PROTECTION ELEMENT	
12	0012VVN	Q ELECTRONIC CRUISE CONTROL	Yes
12	0012VWH	Q ELECTRONIC ROAD SPEED GOVERNOR	Yes
12	<u>0012WAK</u>	Q EXTERIOR NOISE ABATEMENT PACKAGE	
12	0012WZD	Q ENGINE SHUTDOWN EXEMPT CA COMPLY	Yes
12	0512005	Q ELECTRONIC CRUISE CONTROL	Yes
12	0512030	Q VEPS PROG, #3 AIR FLOW SENSOR	Yes
13	<u>0013AMG</u>	Q ALLISON 2500_PTS5-SP L/PTO LESS RETARDER	
13	<u>0013VLN</u>	Q TRANS OIL--SYNTHETIC 20 THRU 28 PINTS	
13	0013WYL	Q SHIFT CONTROL PARAMETERS ALLISON	Yes
14	<u>0014ANH</u>	Q MERITOR MS-19-14X-3DFL 19.8K REAR AXLE	
14	<u>0014SBW</u>	Q RR SPGS 21K V-RATE W/4500LB AUX SPRING	
14	<u>0014WAP</u>	Q REAR SHOCK ABSORBERS	
14	0014WLB	Q REAR AXLE OIL-75W-90 SYNTHETIC	Yes

14	<u>0514001</u>	Q REAR SUSPENSION PARTS	
15	<u>0015LKH</u>	Q FUEL/WATER SEPARATOR	Yes
15	<u>0015SAL</u>	Q SGL RT65G F/TK +CAGE	
16	<u>0016000</u>	Q TRANS COVER, FLOOR MATS, SEALS	
16	<u>0016010</u>	Q FLAT BACK COWL	
16	<u>0016HBA</u>	Q ENGLISH GA CLUSTER W/ENGLISH SPEEDO	
16	<u>0016HGH</u>	Q OIL TEMPERATURE GAUGE (AUTO TRANS)	Yes
16	<u>0016HKT</u>	Q IP CLUSTER DISPLAY DIAGNOSTICS	Yes
16	<u>0516024</u>	Q CAB ACCESS NO STEPS	Yes
17	<u>0027DNS</u>	Q DISC FRT WHL(22.5"PT-STL 10S) 7.50DC RIM	
17	<u>0028DNS</u>	Q DISC RR WHLS(22.5"PT-STL 10S)7.50DC RIM	
17	<u>0529001</u>	Q LUBE FRT WHL BEARINGS	
17	<u>0529002</u>	Q LUBE REAR WHL BEARINGS	
17	<u>0530100</u>	Q TIRES	
18	<u>0047AGC</u>	Q BODY;CO 78"HR 31'2"BL +9F&R 66PASS 254WB	
18	<u>0047AJW</u>	Q FRT STEP ENTRANCE DR 27.25" 14GA	
18	<u>0047APS</u>	Q HEADLINR BODY FULL-LTH 22GA CQ STUCCO	
18	<u>0047APX</u>	Q FASTNERS HEADLINER SCREWS	Yes
18	<u>0047ARH</u>	Q ROOF BOWS 14 GA ONE PIECE	
18	<u>0047ARP</u>	Q LIGHT BARS PLASTIC	
18	<u>0047ASG</u>	Q SKIRT BODY CS 14.5" 16GA	
18	<u>0047AUR</u>	Q TIE DOWNS GRADE 8 BOLTS	
18	<u>0047AXT</u>	Q RUB RAILS 4 STEEL CS 31'2"-34'11"BL	
18	<u>0047AYB</u>	Q BODY,REAR; W/EMERG DOOR	
18	<u>0047AZE</u>	Q SIDE SHT EXT SMOOTH 16GA 3102-3411BL	Yes
18	<u>0047AZL</u>	Q FLOOR WITH WHEEL WELLS	
18	<u>0047AZZ</u>	Q RAILS WRAP AROUND JUST BELOW WINDOW LINE	
18	<u>0047BAR</u>	Q BOLT REAR BUMPER SUPPORT TO FRAME	Yes
18	<u>0047BBH</u>	Q LINING EMBSED STEEL CLR COATED LWR INT	Yes
18	<u>0047BBN</u>	Q ASSIST HANDLE OVER WSHLD BODY COLOR	
18	<u>0047DAE</u>	Q LAG SCREWS REAR DOOR TO BODY	
18	<u>0047DAJ</u>	Q COVER PARTIAL RR INSIDE DOOR HANDLE	Yes
18	<u>0047DDE</u>	Q HANDLE ASSIST OUTSIDE ENTRANCE DOOR	
18	<u>0047DDH</u>	Q HOLD BACK, STATIONARY, RR EMRG DOOR	
18	<u>0047DDU</u>	Q LATCH RR DOOR 1-POINT SLIDE BAR 1"STRKE	
18	<u>0047DEK</u>	Q VANDAL LK RR DR W/IGNITION START/INTERLK	
18	<u>0047DEY</u>	Q HANDLE EXTERIOR RR EMERG DOOR YELLOW	Yes
18	<u>0047DNB</u>	Q DOOR,FRT ENT; O/O ELEC W/SPLIT GLASS	
18	<u>0047DWV</u>	Q KEYS ALIKE VANDAL LOCKS ENTRANCE DOOR	Yes
18	<u>0047DWW</u>	Q KEYS ALIKE FUEL DOOR	Yes
18	<u>0047DXA</u>	Q KEYS ALIKE DRIVER STORAGE COMPARTMENT	Yes
18	<u>0047MBM</u>	Q BUMPER,REAR; PAINTED 12" W/6.5" HOLE	
18	<u>0047MYZ</u>	Q MONITOR POST TRIP INSPEC W/ALARM DISABLE	
19	<u>0047AJB</u>	Q CERTIFICATION LABEL MYLAR	
19	<u>0047AJC</u>	Q CERTIFICATION LABEL METAL	
19	<u>0047BKK</u>	Q DECAL,LTRS; "SCHOOL BUS 8" BLK 3M FLUOR	
19	<u>0047DXZ</u>	Q PAINT,RUB RAILS; WINDOW FLANGE TO FLANGE	Yes
19	<u>0047EAA</u>	Q BATTERY COMP, LT FRONT	
19	<u>0047EBM</u>	Q BATTERY HOLDDOWN, 2 STANDARD SIZE BATT	Yes
19	<u>0047LAU</u>	Q INSULATION,ROOF & SIDES; 1.5"	
19	<u>0047MAC</u>	Q UNDERCOAT;FLOOR/STEPWELL SIDES	
19	<u>0047MBA</u>	Q UNDERCOAT;BODY WATER BASED TT-C-730 SPEC	
19	<u>0047MNM</u>	Q 2" BATTERY" DECAL ON BATT COMPARTMENT	
19	<u>0047MNS</u>	Q DECAL,ARROW; RR, INSIDE DOOR HANDLE BLK	
19	<u>0047MNV</u>	Q DECAL,ARROW; RR,SHOW HANDLE DIR 3/4" BLK	
19	<u>0047MTY</u>	Q WIRING DIAGRAM	
19	<u>0047MVA</u>	Q DECAL,LTRS; WATCH YOUR STEP 1" BLK	
19	<u>0047MVC</u>	Q DECAL,LTRS; WATCH YOUR STEP BEHIND DR 1"	
19	<u>0047NAB</u>	Q PAINT,RUB RAILS; 0001 BLACK	Yes
19	<u>0047NBG</u>	Q DECAL,LTRS; EMERG DOOR, RR 2" RED REF	
19	<u>0047NGM</u>	Q PAINT,"DIESEL FUEL" 2"BLK ON FUEL DOOR	
19	<u>0047NGW</u>	Q SEAL TOP EDGE RUB RAILS	
19	<u>0047NHA</u>	Q INSTR PLATE 1LT MTD UNDER K/O WINDOW	
19	<u>0047NHV</u>	Q INSTR PLATE 1RT MTD UNDER K/O WINDOW	
19	<u>0047NJA</u>	Q PAINT,BODY; SBNS YELLOW EXTERIOR	
19	<u>0047NJM</u>	Q FLASHER BACKGROUND 0001 CANYON BLACK	Yes
19	<u>0047NJS</u>	Q PAINT,BUMPER REAR; 0001 BLACK	Yes
19	<u>0047NKD</u>	Q COLOR ROOF 9219 WHITE 5"ABOVE DRIP REST	
19	<u>0047NKM</u>	Q PAINT,BODY INTERIOR; 9384 SPRING WHITE	
19	<u>0047NMG</u>	Q DECAL,OP INSTRUCTIONS; INSIDE RR EMRG DR	
19	<u>0047NND</u>	Q 1LT RED DECAL E/E I/O	

19	<u>0047NPB</u>	Q 1SET RT RED DECAL,LTRS E/E IN&OUT	
19	<u>0047NTE</u>	Q LOGO,ROOF LINE 1ST SEC ABOVE DRIVER & DR	
19	<u>0047NTY</u>	Q PAINT,HOOD FENDER; MATCH BODY EXTERIOR	
19	<u>0047NWH</u>	Q STRIPING,REAR ROOF HATCH; 1" 3M FLUOR	
19	<u>0047NWT</u>	Q STRIPING,FRT ROOF HATCH; 1" 3M FLUOR	
19	<u>0047NXD</u>	Q 1RT 1"3M FLUOR YL PER STP'G K/O WINDO	
19	<u>0047NXG</u>	Q 1LT 1"3M FLUOR YL PER K/O WINDO	
19	<u>0047NXN</u>	Q 1RR YEL 3M FLUDIA'D GRD PER STP'G E/E DR	
19	<u>0047NYH</u>	Q BODY TAG LABEL CERTIFICATION F/N.JERSEY	
19	<u>0047SBS</u>	Q SUBFLR PLYWD 5PLY B-C GRD 31"2"-34"11"BL	
19	<u>0048ACN</u>	Q SEATBELT,DRVR COLOR BLAZE ORANGE	Yes
20	<u>0048ANT</u>	Q WINDOW, DRIVER; LAMINATED CLEAR	
20	<u>0048APL</u>	Q WINDOW STOP 12" ONLY W/78" HEADROOM	Yes
20	<u>0048ARP</u>	Q WINDOW SASH, 16-27" SECTIONS	
20	<u>0048AST</u>	Q WINDOW SASH 4 +9 SECTION	
20	<u>0048BAG</u>	Q WINDOW, LT K/O; (1) VERT HNG	
20	<u>0048BJA</u>	Q STD AL/FINISH WIN/FRAE	Yes
20	<u>0048BKN</u>	Q WINDOW, RT K/O; (1) VERT HNGE	
20	<u>0048BUB</u>	Q WINDOW TINT,PASS; CONV 28% TEMPERED	
20	<u>0048PAM</u>	Q WINDSHIELD; 3-PC FLAT 73% TINT W/BAND	
20	<u>0048PAV</u>	Q WHEEL POCKET COVER PLASTIC ABS	
20	<u>0048PAW</u>	Q AISLE POS. FOR 45" LT & 30" RT	
20	<u>0048PBB</u>	Q BLACK FLR COVERING	Yes
20	<u>0048PHN</u>	Q 21-22 42 OZ. PREVAILL UPHOLSTERY SEATS	Yes
20	<u>0048PJR</u>	Q ALUM TRIM W/FLR COVERING	
20	<u>0048PJZ</u>	Q FLOOR COVERING, KOROSEAL; ALL BODY LNGTH	
20	<u>0048PKC</u>	Q HEATER HOSE CLAMP, CONSTANT TORQUE	Yes
20	<u>0048PKJ</u>	Q LT HTR DUCT TO WHEELPOCKET CONV	
20	<u>0048PKN</u>	Q FAN,DEFOG RT; ABOVE W/S, 2-SPD SW	
20	<u>0048PLW</u>	Q HEATER,DRVR; 90000BTU CONV W/DEFROSTER	
20	<u>0048PMJ</u>	Q HEATER,PASS; LT REAR, KYSOR 84500BTU	
20	<u>0048PMS</u>	Q KYSOR 50000BTU STEPWELL HEATER	
20	<u>0048PNW</u>	Q HEATER WATER PUMP W/PLASTIC HOUSING	Yes
20	<u>0048PPM</u>	Q HEATER CUT/OFF VALVE BUTTERFLY HDL	Yes
20	<u>0048PPP</u>	Q VALVE HTR CUTOFF INSIDE FWD DRVR HTR	
20	<u>0048PPS</u>	Q ROOF VENT, FRNT; STATIC	
20	<u>0048PTT</u>	Q ARM REST,DRIVER RT; NATIONAL	
20	<u>0048PUT</u>	Q NUTS, STANDARD, DRIVER SEAT BELT MTG	Yes
20	<u>0048PVA</u>	Q UPHOLSTERY,DRVR SEAT STYLE; PLAIN CL INS	Yes
20	<u>0048PVN</u>	Q UPHOLSTERY DRVR SEAT,COLOR; GRAY	Yes
20	<u>0048PWE</u>	Q COLOR, BLACK ACT/PAS SEAT,BARRIER,BUMPRS	Yes
20	<u>0048PWR</u>	Q UPHOLSTERY,DRVR SEAT TYPE; PREVAIL 42 OZ	Yes
20	<u>0048PXP</u>	Q 1-2 42 OZ PREVAILL UPHOLSTERY, BARRIER	Yes
20	<u>0048PZP</u>	Q ROOF HATCH FRT SPCLTY WALARM	
20	<u>0048PZR</u>	Q ROOF HATCH REAR WITH ALARM	
20	<u>0048RAA</u>	Q CB E/DR 30"IL	
20	<u>0048RAM</u>	Q CB A/DRVR 45"IL	
20	<u>0048RDL</u>	Q DEFOG FAN, LEFT DRIVER ABOVE WINDSHIELD	
20	<u>0048REP</u>	Q PANEL,MODESTY; AFT OF DRIVER	
20	<u>0048RET</u>	Q PANEL, MODESTY; AFT OF ENTRANCE DOOR	
20	<u>0048RGE</u>	Q HAND RAIL FWD ENT/DR, S/S CURVED	
20	<u>0048RGR</u>	Q HAND RAIL, STAINLESS STEEL 4" ABOVE STEP	
20	<u>0048RLX</u>	Q SEAT CUSHION 15" DEPTH	Yes
20	<u>0048RRA</u>	Q SINGLE STITCHING SEAT UPHOLSTERY	Yes
20	<u>0048RZB</u>	Q DRIVER SEAT NAT'L 2000 STATIC	
20	<u>0048RZJ</u>	Q KOROSEAL STEP TREADS PEBBLE TOP W/NOSE	
20	<u>0048SAX</u>	Q 1LT30"2L P/SEAT	
20	<u>0048SEP</u>	Q 10LT45"2L P/SEAT	
20	<u>0048SGM</u>	Q 11RT30"2L P/SEAT	
20	<u>0048USV</u>	Q P/SEAT HIGH BACK	Yes
20	<u>0048VLG</u>	Q 12 SETS NON-RETRACT S/BELT DUAL MARN/BRN	
20	<u>0048VPL</u>	Q SEAT BELTS,NON-RETRACTABLE; TRIPLE (10)	
20	<u>0049BCR</u>	Q LIGHT, EXTERIOR CHECK	Yes
20	<u>0049GUH</u>	Q 1 CERTIFICATE HOLDER 9 X 6 W/COVER	
20	<u>0049MZV</u>	Q LATCH LOCKING OVERHEAD COMPARTMENT	Yes
20	<u>0049UBK</u>	Q NEW JERSEY STATE OF OPERATION	Yes
21	<u>0047DNU</u>	Q SWITCH LOCATION REDUNDANT CONTROLS	Yes
21	<u>0049003</u>	Q BODY PLAN APPROVED VARIATION #003	Yes
21	<u>0049ABB</u>	Q LIGHT BKUP; 2-7" DIA CLEAR	
21	<u>0049ABE</u>	Q WIRING MOD B/U LITES W/RR DOOR SW	Yes
21	<u>0049ACU</u>	Q TURN LITE RR 7" AMBER LESS ARROW	
21	<u>0049ADA</u>	Q TURN LITE SIDE 2-AMBER ARMR WELDON AFTDR	
21	<u>0049ADC</u>	Q LIGHT WARN 4-FRT 4-RR 7" RED/AMBER	

21	0049ADX	Q TAIL LIGHTS LICENSE PLATE 2 RED 4"	
21	0049AEU	Q LIGHT,STOP; (2) W/TAIL, 7" DIA.	
21	0049AJH	Q CONNECT LITES CLUS/CLR/SIDE MRKR TO TAIL	Yes
21	0049AKA	Q LIGHT,MARKER; FT/RR DBL 1500HR 1CP ARMOR	
21	0049AMB	Q WIRE FEED 4 GAUGE CHASSIS TO BODY	
21	0049AMD	Q DRIVERS SWITCH PANEL ROCKER	
21	0049AML	Q SWITCH REAR DOOR BUZZER WITH KNOB TX	
21	0049AMR	Q CIRCUIT PROTECTION ELEC SYS FUSE	Yes
21	0049ANH	Q MAG SW MASTER DISCON ALL BODY CIRCUITS	Yes
21	0049ANU	Q SOURCE, POWER, 12VDC MOUNTED IN DASH	Yes
21	0049APB	Q LIGHT,DOME; STAGGER RECTANGULAR	
21	0049APT	Q DRIVERS LIGHT IN PANEL	
21	0049ARA	Q LITE EMERG XIT RR 3"RED MTD O/DR/CLRLITE	
21	0049ARN	Q STEP LITE WIRED TO CLEARANCE LITES	
21	0049ATV	Q LITE INDIC WARNING LITES RED/AMBER	Yes
21	0049BCN	Q FLASHER 8-LAMP NON-SEQU WITH DOOR OPEN	Yes
21	0049BDL	Q MONITOR, LIGHT SYSTEM 16 LTS	
21	0049BDT	Q BACK ALARM ECCO#SA-917-87 112 DB	
21	0049BEB	Q LIGHT,CLUSTER RECESS AMBR FT,RED RR 4CP	
21	0049BEJ	Q RADIO AM/FM/CD & PA	
21	0049BGN	Q SWITCH OVERRIDE WARNING LIGHTS RED	Yes
21	0049BLW	Q FUEL FILLER DOOR SPRING LOADED KEYED	
21	0049BRE	Q LIGHT,MARKER SIDE; INTERMEDIATE	
21	0049DBR	Q 4 DUAL BLK HOODS,8L/SYS WARN'G LAMPS	
21	0049EEP	Q STOP ARM,FRT; ELEC SPCLTY,ENGR, FLH RD	
21	0049EGC	Q MIRROR,INSIDE; 6" X 30" CLEAR SAFE/GLASS	
21	0049EGM	Q MIRROR,EXTRR CROSS-VIEW; BLK ROSCO HTD	
21	0049EJC	Q MIRROR,EXTRR RVIEW 7X6"BLK ROSCO MTRZ	
21	0049ENK	Q SUN VISOR LT W/S 6" X 30" TRANSPARENT	
21	0049GBV	Q WINDSHIELD WIPERS; COWL MOUNTED	
21	0049GDG	Q PADDING COMPARTMENT ABOVE DRIVER	
21	0049GDS	Q COMPARTMENT OVER DRIVER AND LEFT	
21	0049GEH	Q SAFETY TRIANGLES MTD DRVR BARRIER @TOP	
21	0049GGA	Q 24" WRECKING BAR	
21	0049GGE	Q FIRE EXT 5# 2A-40BC DRVR AREA	
21	0049GHN	Q REFLECTOR,REAR; (2) RED 3"	
21	0049GHR	Q REFLECTOR,SIDE REAR; (2) RED 3"	
21	0049GHV	Q REFLECTOR,SIDE FRONT; (2) AMBER 3"	
21	0049GHX	Q REFLECTOR,INTERMED SIDE; (2) 3"	
21	0049GUK	Q RUBBER RR FENDERS	
21	0049GUM	Q INSPECTION PL, FUEL SENDER 8X8 STEEL	
21	0049GUX	Q MUDFLAPS,FRT WHLS; (2) RUBBER	
21	0049GVH	Q MUDFLAPS,RR WHLS; --BRACKETS ONLY--	
21	0049GVN	Q WARRANTY, 5-YEAR LIMITED	Yes
21	0049GWW	Q WINDSHIELD WASHER,KIT; 6QT BOTTLE	
21	0049HES	Q BRACE REAR VIEW MIRROR TELESCOPING	Yes
21	0049VKY	Q BODY PLN CONV 31"2" +9F&R 54 PAS 254"WB	Yes



Paint Control Code	Paint Schematic	Paint Location	Paint Break Code	Paint Color Code	Paint Description
1	100NB	S	01	4421	YELLOW

Explanation of Prop Shaft Locations

Prop Code	Qty	Location
0410STA1560	1	2
0410STD1550	1	1
0410STL1315	1	3

Front Tire		Rear Tire		Spare Tire		Pusher Tire		Tag Tire	
Code	Qty	Code	Qty	Code	Qty	Code	Qty	Code	Qty
07362118107	2	07362118107	4						

	Front	Rear
Suitable Tire	265/75R22.5G	10R22.5 G
Suitable Rim	22.5X7.50	22.5X7.50

	Front	Rear	Pusher	Tag
Actual Tire				
Actual Rim				

	GVWR	FRONT	FR-REAR	REAR-RR	Pusher	Tag

AXLE-BRK						
SPRNG-AUX						
TIRE-RIM						
GAWR-LBS						
GAWR-KGS						

INGB Series Integrated CE Bus

STANDARD SPECIFICATIONS

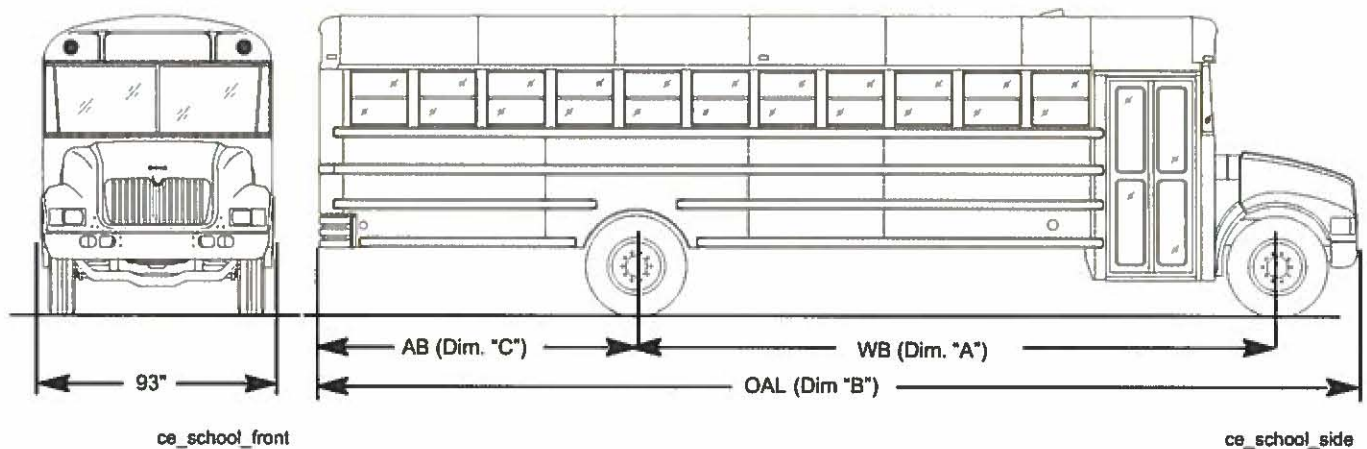
SPECIFICATIONS

Rating		Standard (lbs.)	Maximum (lbs.)
GAW	front	8,000	10,000
	rear	17,500	23,000
GVW	total	25,500	33,000

Integrated CE School Bus

MODEL CODE: PB105

NOTE: Model Code and Wheelbase Must Be Specified on Order.



Refer to Chart Pages for Weight, Turning Radius and Dimension Information.



IC CORPORATION

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SERIES - BUS

INTEGRATED CE S BUS

STANDARD EQUIPMENT

MODEL CODE: PB10500

01 FRAMES

- * NOTE: APPLICATION AND COUNTRY RESTRICTION INFORMATION IS NOT SHOWN IN THE AVAILABLE EQUIPMENT SECTIONS. PLEASE REFER TO THE TOPS APPLICATION IN SALES TOOLS FOR THIS RESTRICTION INFORMATION.

01CAC - FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 480.1" (12195mm) Maximum OAL

- * CHASSIS PAINT Chassis Painted Prior to Body Mounting
- * FRAME RAILS All holes Laser Aligned and Machine Punched, Powder Coated Prior to Full Assembly, Assembled in Fixture using "Grade 8" Bolts
- * FRAME REINFORCEMENT, SPECIAL 3.30" x 1.80" x 0.312" x 31.50" Inverted "L" in Front Shock Absorber Mounting Area

01LLE - BUMPER, FRONT Full Width, Aerodynamic, Heavy Duty, Steel

- * BUMPER, FRONT THICKNESS 1/4 Inch

01LMW - CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted

- * CONTROL ASSEMBLY Solid State, Located Rear of Front Bumper, Heater not Required
- * CROSSING GATE, FRONT Matches Contour of Bumper

01WHS - WHEELBASE RANGE 158" (400cm) Through and Including 169" (430cm)

02 AXLE, FRONT

02ATK - AXLE, FRONT NON-DRIVING {Meritor MFS-08-153B} I-Beam Type, 8,000-lb Capacity

- * NOTE: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

03A SUSPENSION, FRONT

03ADA - SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 8,000-lb Capacity; With Shock Absorbers

- * SPRING PINS Bolt and Nut Type

03A SUSPENSION, FRONT (CONT.)

- * NOTE: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

04 BRAKES

04085 - BRAKE SYSTEM, HYDRAULIC {Meritor WABCO} Split System, Full Power, With Automatic Adjustment And With Four Channel ABS

- * DUST SHIELDS, FRONT BRAKE
- * DUST SHIELDS, REAR BRAKE

04GAW - BRAKE, PARKING {Bosch} DSSA Drum Type; 12" x 3", Spring Actuated; for Hydraulic Brake Chassis; Activated by Parking Brake Knob on Instrument Panel; With Key Switch Interlock, Park Brake Cannot be released Until Ignition Switch is in "On" Position; Differential Mounted

- * PARKING BRAKE CONTROL Applies Hydraulic Actuated Powered Park Brake

04JNP - BRAKES, FRONT, HYDRAULIC DISC Quadraulic; four 70mm Diameter Pistons

04NNL - BRAKES, REAR, HYDRAULIC DISC Quadraulic; four 70mm Diameter Pistons

04JNG - TRACTION CONTROL, HYDRAULIC Automatic; With Full Power Hydraulic Brake System

05 STEERING

05PRG - STEERING GEAR {TRW (Ross) TAS-40} Power

05AAA - STEERING COLUMN Stationary

05CAL - STEERING WHEEL 2-Spoke, 18" Diam., Black

06 DRIVELINES

* DRIVESHAFT {Spicer SPL90 Series} Transmission to Rear Axle

- * END YOKES Half-Round, Easy Service (All)
- * PROPSHAFT GUARD
- * SLIP JOINT SPLINES Nylon-Coated

07 EXHAUST SYSTEM

07BDV - EXHAUST SYSTEM Single, Horizontal Aftertreatment Device Frame Mounted Right Side, Includes Long Horizontal Tail Pipe

- * NOTE: The Horizontal Tailpipe Includes a Temperature Control Device

07WBK - TAIL PIPE Long Horizontal, Exits Right Side Through Bumper

08 ELECTRICAL

08000 - ELECTRICAL SYSTEM

12-Volt, Standard Equipment

- * FUSES, ELECTRICAL SAE Blade-Type

* HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover

* HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever

- * MISCELLANEOUS FEATURES Modular, Loom Protected, Grommets in all Applicable Body Openings, Assembled in Computer Assisted Fixture which Verifies Continuity and Correct Assembly Prior to Installation

* PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light

* STARTER SWITCH Electric, Key Operated

* TURN SIGNAL FLASHER {Tridon}

* TURN SIGNAL SWITCH Self-Cancelling with Lane Change Feature

* TURN SIGNALS, FRONT Includes Reflectors; Flush Mounted

* WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever

* WIRING, CHASSIS Color Coded and Continuously Numbered

08GGR - ALTERNATOR {Bosch LH200} Brush Type, 12 Volt 200 Amp. Capacity, Pad Mounted

08MED - BATTERY SYSTEM {International} Maintenance-Free (2) 12-Volt 1100CCA Total

08WPB - HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights

08540 - HORN, ELECTRIC (2)

08WWJ - INDICATOR, LOW COOLANT LEVEL With Audible Alarm

08WYD - STARTING MOTOR {Delco Remy 29MT} 12 Volt; Less Thermal Over-Crank Protection, With Integrated Magnetic Switch

09 FRONT END

09WAY - FRONT END Tilting, Fiberglass, With Three Piece Construction

- * AIR INTAKE SYSTEM Integrated Pre-Cleaning System to Enhance Air Filter Life

Refer To General Info for Metric Conversion Tables

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09 FRONT END

(CONT.)

- * GRILLE Removable; Fiberglass Painted Hood Color
- * SPLASH SHIELD Integral with Front End Assembly
- 09WAB - HOOD TILT ASSIST (EASY TILT) Mechanical
- 10 PAINT & MISCELLANEOUS
- 10060 - PAINT SCHEMATIC, PT-1 Single Color, Design 100
- * PAINT SCHEMATIC ID LETTERS "NB"
- 10788 - PAINT TYPE Urethane, One or Two Colors, Other than Imron or International.

11 CLUTCH

- 11001 - CLUTCH Omit Item (Clutch & Control)

12 ENGINE

- 12NUG - ENGINE, DIESEL (MaxxForce 7) EPA 10, 220 HP @ 2600 RPM, 560 lb-ft Torque @ 1400 RPM, 2800 RPM Governed Speed, 220 Peak HP (Max)
- * AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated
- * CRUISE CONTROL Electronic; Controls Integral to Steering Wheel
- * ENGINE OIL DRAIN PLUG Magnetic
- * ENGINE SHUTDOWN Electric, Key Operated
- * FUEL FILTER Engine Mounted
- * FUEL HEATER Included with Fuel/Water Separator
- * FUEL/WATER SEPARATOR Engine Mounted
- * GLOW PLUG Automatic with Indicator Light
- * GOVERNOR Electronic
- * OIL FILTER, ENGINE Drop-In Cartridge Type
- * OIL FILTER, ENGINE Spin-On Type

- 12UYE - RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 717 SqIn Louvered, With 313 SqIn Charge Air Cooler, With In-Tank Transmission Cooler
- * ANTI-FREEZE Red Shell Rotella Extended Life Coolant -40F (-40C)
- * DEAERATION SYSTEM with Surge Tank
- * HOSE CLAMPS, RADIATOR HOSES (Gates) Shrink Band Type; Thermoplastic Coolant Hose Clamps
- * RADIATOR HOSES Premium, Rubber

- 12TTB - FAN DRIVE (Borg-Warner Series 790) Viscous Type, Screw On
- * FAN Nylon

12 ENGINE

(CONT.)

- 12VBR - AIR CLEANER With Service Protection Element
- * GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
- 12VWH - GOVERNOR Electronic Road Speed Type; for International Electronic Engines and Bus Models; With 55 MPH Default
- 12UGN - THROTTLE, HAND CONTROL Electronic
- NOTE: Cruise Control Switches Mounted on Steering Wheel are Non-Illuminated.

13 TRANSMISSION

- 13AMG - TRANSMISSION, AUTOMATIC (Allison 2500_PTS) 4th Generation Controls; Wide Ratio, 5-Speed, With Overdrive; Less PTO Provision, Less Retarder, With 33,000-lb GW & GCW Max. School Bus
- * OIL FILTER, TRANSMISSION Mounted on Transmission
- * TRANSMISSION OIL PAN Magnet In Oil Pan

13WYL - SHIFT CONTROL

- PARAMETERS Allison Performance Programming in Primary and Allison Economy Programming in Secondary

14A AXLE, REAR

- 14ANP - AXLE, REAR, SINGLE (Meritor MS-17-14X-3DFL) Single Reduction, 17,500-lb Capacity, With 190 Wheel Ends
- * RATIO: 2.64, 2.79, 2.93, 3.07, 3.21, 3.42, 3.58, 3.73, 3.90, 4.11, 4.33, 4.63, 4.88, 5.13, 5.29, 5.57, 5.86, 6.14, 6.43, 6.83 OR
- NOTE: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

- 14B SUSPENSION, REAR
- 14VAD - SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 18,500-lb Capacity, With 4500 lb Auxiliary Rubber Spring
- NOTE: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

- 14WAP - SHOCK ABSORBERS, REAR (2)

15 FUEL TANKS

- * FUEL LINE FITTINGS O-Ring Snap-On Quick-Connect Voss Fittings at Both Ends; Anchored to frame for Fuel Hoses

- 15SAK - FUEL TANK Top Draw; Rectangular Steel, 35 U.S. Gal., 132 L With Protective Cage, Mounted Right Side
- NOTE: Requires 169" WB Min.

16 CAB

- 16010 - COWL Flat Back
- 16HBA - GAUGE CLUSTER English With English Electronic Speedometer
- * GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter
- * ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout
- * WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)

NOTE: Standard in USA

- 16HKT - IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes In Gauge Cluster

27/28 WHEELS & TIRES

- * NOTE: Federal Excise Tax for Tires Is Not Included In Either School Bus Chassis Prices or Optional Tire Code Prices

- 27DMA - WHEELS, FRONT DISC; 22.5" Painted Steel, 2 Hand Hole, 10 Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs.

- * PAINT IDENTITY, FRONT WHEELS Black
- * WHEEL SEALS, FRONT (International) Grease Lubricated, Includes Wheel Bearings

- NOTE: Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22.5

- 28DMA - WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs

- * PAINT IDENTITY, REAR WHEELS Black

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27/28 WHEELS & TIRES (CONT.)	47 BODY COMPONENTS (CONT.)	47 BODY COMPONENTS (CONT.)
WHEEL SEALS, REAR {International} Oil Lubricated, Includes Wheel Bearings NOTE: Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22.5 738213 5801 (02) 11R22.5 16-PR LR-H SINGLE FRONT RADIAL TIRES {Hankook Tire AH12} 738213 5801 (04) 11R22.5 16-PR LR-H DUAL REAR RADIAL TIRES {Hankook Tire AH12}	47AJW - STEP, FRONT ENTRANCE DOOR 27 1/4" Depth; 14ga Steel - STEP, FRONT ENTRANCE DOOR OPENING, 35 Inch Width; Continuous Bottom to Top 47AUR - TIE DOWNS, BODY Grade 8 Bolts, Every Body Section - TIE DOWNS, BODY with Formed Tab that Fits Into Floor Structure to Prevent Turning 47DAJ - COVER, REAR DOOR INSIDE HANDLE Partial Coverage 47DNB - DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Split Pane Glass - DOOR, ENTRANCE, FRONT Aluminum Frame with Pin Style Hinges, Ball Bearing Assisted, Interchangeable Top and Bottom Glass - LOCK, VANDAL, ENTRANCE DOOR With Key Switch 47DAE - FASTENERS, REAR DOOR Lag Screws, Rear Door To Body 47DEY - HANDLE, EXTERIOR, REAR Emergency Door; Yellow 47DDH - HOLD BACK, REAR DOOR Stationary, No Cables, With Plastic Cover 47DDU - LATCH, REAR DOOR One Point Slide Bar, Cam Operated, With One Inch Stroke 47EAA - COMPARTMENT, BATTERY Mounted Behind Left Front Wheel Pocket, 13" x 15" x 25.5" - BATTERY TRAY 14-1/2" x 24-3/4" Slide Out Tray with Nylon Rollers and Stops - DOOR - COMPARTMENT with Pin Style Hinge 47EBM - HOLD DOWN, BATTERY For (2) Standard Size Batteries 47LAU - INSULATION, ROOF AND SIDES 1.50", All Models 47MBA - UNDERCOAT, BODY Fire Resistant, Water Based, TT-C-730 Spec - UNDERCOATING Performed Before and After Mounting on Chassis 47AJB - BODY CERTIFICATION TAG Mylar Label NOTE: Standard in USA 47AJC - BODY TAG, METAL 47MJR - LETTERS, DOOR, REAR Decals; "EMERGENCY DOOR", 2" Black Letters Inside and Outside 47MVA - LETTERS, HEADER Decal; "WATCH YOUR STEP", 1" Black, Above Windshield	NOTE: Standard in USA 47MPA - LETTERS, SCHOOL BUS FRONT/REAR Decal; "SCHOOL BUS"; With 8" Black Letters; on Front and Rear Cap 47MVC - LETTERS, STEPWELL Decal, "WATCH YOUR STEP", 2.5" Black, Behind Door on Step Riser 47NTE - LOGO, ROOF LINE Decal; Wing and Shield, First Body Section, Above Driver Window and Entrance Door Over Driver Window and Entrance Door 47NMG - OPERATING INSTR, REAR Decal, Inside Rear Emergency Door 47NJS - PAINT COLOR, BUMPER Rear; 0001 Canyon Black 47NKM - PAINT COLOR, BODY INTERIOR 9384 Spring White 47NJA - PAINT COLOR, BODY EXTERIOR 4421 Yellow, SBNS 47NJM - PAINT FLASHER BACKGRD 0001 Canyon Black 47NKL - PAINT, RUB RAIL Flange to Flange 47NAB - PAINT RUB RAILS 0001 Canyon Black 47NGW - SEAL, RUB RAILS Top Edge, All Rails 47MSA - STRIPING, PERIMETER, REAR Emergency Door; Reflective, Yellow 47MTY - WIRING DIAGRAM Schematic, Electrical - ACCESS PANEL for Wiring Diagram Schematic Located on Body Exterior; Below Driver Window 47MAH - MONITOR, POST TRIP INSPECTION (Leave No Student Behind) Accessory Controlled, With Alarm Disable at Rear of Bus; Prompts Driver to Walk to Back of Bus and Open Emergency Door to Deactivate System 47DNK - SWITCH, LOCATION Steering Wheel; Includes Master Flasher, Flasher ON/OFF, Red Override, and Door Control - SWITCH, STEERING WHEEL, LIGHT Includes Illuminated Switches
47BAU - BUMPER, REAR Painted; 12" High, 3/16" Thick, With 7" Hole for Exhaust 47BAR - SUPPORTS, REAR BUMPER Bolted to Frame 47AJL - BODY, BUS Conventional; 78" Headroom, 16'2" Body Length, 29 Passenger, 158 WB 47AYB - BODY, REAR Includes Emergency Door - DOOR, REAR EMERGENCY with Concealed Hinges 47ARH - BOWS, ROOF 14 ga., One Piece Construction - BOWS, ROOF Positioned Floor Line to Floor Line, Threaded Through Roof Strainers and Drip Rail 47APX - FASTENERS, HEADLINER Screws 47AZL - FLOOR, BODY With Wheel Wells 47BBN - HANDLE, ASSIST, OVER WINDSHLD Body Color 47APS - HEADLINER, BODY 22ga., CQ Stucco Full length Non Perforated With Sound Insulation Full Length 47ARP - LIGHT BARS Plastic 47BBH - LINING, SIDE INTERIOR, LOWER Embossed Steel, Clear Coated 47AVH - RUB RAILS, BODY (3) 16ga., Steel - RUB RAILS Full Length, Primer Coated (Both Sides), Attached to Body without Cuts or Splices 47AYZ - SIDE SHEET, BODY, EXTERIOR Conventional, 16ga., Smooth, 16'2", 16'11", 17'8", 18'5", Body Length 47ASG - SKIRT, BODY for Conventional, 14 1/2", 16ga - SKIRT, BODY Extra Smooth Steel Supported by Floor Gussets	48 BODY COMPONENTS 48ANT - WINDOW, DRIVER Laminated, Clear 48BJA - COLOR, WINDOW FRAME, PASS Passenger Window, Natural Aluminum Finish 48CCJ - WINDOW, PASSENGER, TINT Clear, Tempered Glass	

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48 BODY COMPONENTS (CONT.)	49 BODY COMPONENTS (CONT.)	49 BODY COMPONENTS (CONT.)
48ARC - WINDOW, SASH (8) 27' Sections, 9'x 23' Opening	49BCN - FLASHER SYSTEM (8) Warning Lights, 8-Lamp System, Electronic Relay Flasher, Non-Sequential Operation, Red Lights Activate With Door Open	49DMW - MIRROR, REAR VIEW, EXTERIOR (Rosco) Open View, Black, Non-Detent
48APL - WINDOW, STOPS 12' Opening, Only With 78' Headroom	49BCR - LIGHT, EXTERIOR, CHECK Automatically Activates Lights for Pre Trip Inspection	49ENK - VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
48PAZ - WINDSHIELD 3 Flat Pieces, 73% Light	49ATV - LIGHT, INDIC, WARNING LIGHTS Red and Amber	49GHN - REFLECTORS, REAR (2) 3", Red, Adhesive Back
48PAY - AISLE POSITION Center, for balanced seating	* LIGHTS, WARNING Indicator Located in Instrument Cluster	49GHV - REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
48PBB - FLOOR COVERING, COLOR Black	49ARR - LIGHT, STEP Wired to Dome Lights, Operated by Entrance Door	49GHR - REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back
48PJR - FLOOR COVERING, TRIM Aluminum	49ABB - LIGHTS, BACK UP (2) 7" Diameter, Clear	49GEM - SAFETY TRIANGLES Warning Reflectors, Mounted on Front of Drivers Barrier 6" Below Top of Modesty Shield
48PJZ - FLOOR COVERING, TYPE (Koroseal) All Body Lengths	49DDC - LIGHTS, CLUSTER (Truck Lite 07045A & 07045R) LED; Amber Front and Red Rear	49GKZ - FUEL FILLER DOOR With Non-Locking Latch
48RZJ - STEP TREADS (Koroseal) Pebble Top With White Nosing, With Non-Metal Backing	49ACU - LIGHTS, DIRECTIONAL, REAR (2) 7" Amber, Without Arrow	49GUM - INSPECTION PLATE 5" Dia. Steel
48PAV - WHEEL POCKET COVER Plastic, ABS	49APB - LIGHTS, DOME Rectangular Recessed Type; Stagger Mounted in Light Bars	49GVN - WARRANTY 5-Year, Limited
48PLA - FILTER, HEATER AIR, DRIVER Heater, Conventional	* WIRING HARNESS Main Body Wiring Harness Accessed by Removing Dome Light	49GWW - WINDSHIELD WASHER Kit; 6 Quart Capacity, Bottle
48PPL - HEATER CUT OFF, VALVE Gate 3/4"	49AEG - LIGHTS, MARKER, FRONT, REAR (4) Two Amber Front and Two Red Rear, Single 1500 Hour 3cp Bulb Each Light	* WINDSHIELD WASHER ELECTRICAL CONNECTIONS Sealed and Locking Type
48PLW - HEATER, DRIVER 90,000 BTU, and Defroster Hot Water Type	49AEU - LIGHTS, STOP (2) and Tail, 7" dia., Red	49GBV - WINDSHIELD WIPERS (2) Cowl Mounted
* CLAMPS, HEATER HOSE (Mubea) Constant Tension Clamps	49ADX - LIGHTS, TAIL, LICENSE PLATE (2) 4" Red With Light Window	* WINDSHIELD WIPERS CONTROL Single Motor, Overlapping Wipe Pattern
* HEATER HOSES Premium	49ADC - LIGHTS, WARNING (8) Quartz Halogen Beams, 7", 2 Front, 2 Rear, Red and Amber Lights	
48PPS - ROOF VENT, FRONT Static	49AGD - STOP ARM, FRONT (Specialty 5500) Electric, 18" Octagon, 1/2" White Border, Flashing Red Lights, Double Sided	
48VUR - SEAT, DRIVER (National 2000) Static, Pedestal Base, High Back With Integral Headrest, 3 Point Lap and Shoulder Belts, With Adjustable Lumbar	49AMD - SWITCH, DRIVER PANEL, TYPE Rocker	
48PVN - UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Gray	49AMY - SWITCH, REAR DOOR BUZZER for Emergency Door	
48PVA - UPHOLSTERY, DRIVER SEAT, STYLE Plain, With Cloth Insert	49AMB - WIRE, FEED 4 Gauge, Chassis To Body	
48PWN - UPHOLSTERY, DRIVER SEAT, TYPE Vinyl, 42 oz.	49EGL - MIRROR, CROSS VIEW, EXTERIOR Black, Rosco, Pair	
48USV - SEAT BACK, PASSENGER High Back	* MIRROR MOUNT Attached to Body with Metal Backing Plates	
48PWD - UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers	49EGC - MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners	
48SBG - UPHOLSTERY, PASS SEATS, TYPE Vinyl, 42 Ounce		
48RLX - CUSHION, SEAT 15' Depth		
* WARRANTY Four Years		
48RRA - UPHOLSTERY, SEAT, STITCHING Single		
* WARRANTY Two Years		
49 BODY COMPONENTS		
49AMR - CIRCUIT, PROTECTION Fuse, Electrical System		
* ACCESS PANEL for Body and Chassis Fuses/Circuit Breakers Located on Body Exterior; Below Driver Window		

Refer to General Info for Metric Conversion Tables

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01/11/2010

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All Taxes Extra, when Applicable



IC CORPORATION INGB SERIES - BUS
INTEGRATED CE S BUS

STANDARD EQUIPMENT

MODEL CODE: PB10500

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INGB Series Integrated BE and CE Bus

CHARTS – Bus Body

Bus Body BE MODELS

Code	Head Room	Body Length	Sections	Pass.	WB	Weight					
						Less Payload			With Payload		
						Front	Rear	Total	Front	Rear	Total
47AJL	78"	16' 2"		29	158"						
47AJU	78"	19' 2"	+9 Section Rear	30	158"						

CE MODELS

Note: The weights in the following chart are for reference only and subject to change without notice.

Code	Head Room	Body Length	Sections	Pass.	WB	Weight					
						Less Payload			With Payload		
						Front	Rear	Total	Front	Rear	Total
47AEB	78"	18' 5"		35	170"	511	3759	4270	551	6968	7519
47AEC	78"	19' 11"	+9 Front/Rear	36	170"	299	4331	4630	1214	7808	9022
47AED	78"	19' 2"	+9 Section Front	35	170"	403	4047	4450	1410	7390	8800
47AEE	78"	19' 2"	+9 Section Rear	35	170"	403	4047	4450	1410	7390	8800
47AEG	78"	20' 8"		41	193"	1057	3763	4820	2064	8266	10330
47AEH	78"	21' 5"	+9 Section Front	41	193"	999	4001	5000	1723	8347	10070
47AEJ	78"	21' 5"	+9 Section Rear	41	193"	999	4001	5000	1723	8347	10070
47AEK	78"	22' 2"	+9 Front/Rear	42	193"	933	4247	5180	1559	8541	10100
47AEL	78"	22' 11"		47	193"	858	4504	5362	1204	9948	11152
47AEM	78"	23' 8"	+9 Section Front	47	193"	747	4504	5251	872	10460	11332
47AEN	78"	23' 8"	+9 Section Rear	47	193"	747	4504	5251	872	10460	11332
47AEP	78"	24' 5"	+9 Front/Rear	48	218"	1142	4580	5722	1963	9669	11632
47AER	78"	25' 2"		53	218"	1063	4843	5906	1760	10776	12536
47AES	78"	25' 11"	+9 Section Front	53	218"	976	5974	6950	1633	10813	12446
47AET	78"	25' 11"	+9 Section Rear	53	218"	976	5974	6950	1633	10813	12446
47AEU	78"	26' 8"	+9 Front/Rear	54	218"	881	5385	6266	1324	11572	12896
47AEV	78"	27' 5"		59	236"	1289	5161	6450	2208	11432	13640
47AEW	78"	28' 11"	+9 Front/Rear	60	236"	1159	5651	6810	1750	12250	14000
47AEX	78"	28' 2"	+9 Section Front	59	236"	1194	5436	6630	1969	11891	13860
47AEY	78"	28' 2"	+9 Section Rear	59	236"	1194	5436	6630	1969	11891	13860
47AEZ	78"	29' 8"		65	254"	1398	5598	6996	2318	12628	14946
47AGA	78"	30' 5"	+9 Section Front	65	254"	1292	5884	7176	2041	14985	17026
47AGB	78"	30' 5"	+9 Section Rear	65	254"	1292	5884	7176	2041	14985	17026
47AGC	78"	31' 2"	+9 Front/Rear	66	254"	1179	6177	7356	1772	13444	15216
47AGD	78"	31' 11"		71	254"	1065	6476	7541	1502	14709	16211
47AGE	78"	31' 11"		71	276"	1579	5962	7541	2571	13640	16211
47AGG	78"	32' 8"	+9 Section Front	71	276"	1464	6257	7721	2282	14109	16391
47AGH	78"	32' 8"	+9 Section Rear	71	276"	1464	6257	7721	2282	14109	16391
47AGJ	78"	33' 5"	+9 Front/Rear	72	276"	1343	6558	7901	2074	14497	16571
47AGK	78"	34' 2"		77	276"	1292	6790	8082	1886	15586	17472
47AJL	78"	16' 2"		29	158"						
47AJN	78"	16' 11"	+9 Section Rear	29	158"						
47AJP	78"	17' 8"	+9 Front/Rear	30	158"						
47AJT	78"	18' 5"		35	158"						
47AJU	78"	19' 2"	+9 Section Rear	35	158"						
47AMG	78"	34' 11"	+9 Section Rear	77	276"						

INGB Series Integrated BE and CE Bus

CHARTS – Turning Radius

Turning Radius

BE MODELS

Wheelbase	Turning Curb	Radius Wall
158"	22' 9"	24' 0"

CE MODELS

Wheelbase	Turning Curb	Radius Wall
158"	22' 9"	23' 10"
169"	24' 2"	25' 3"
193"	27' 2"	28' 3"
217"	30' 1"	31' 3"
236"	32' 6"	33' 7"
254"	34' 9"	35' 10"
276"	37' 6"	38' 7"

INGB Series Integrated BE and CE Bus

CHARTS – Dimensions

Dimensions

BE MODELS

Body Length (Approx.)	Body Code	Wheelbase Dim "A"	Overall Vehicle Length Dim. "B"	Axle to Bumper Dim. "C"
16' 02"	47AJL	158	250.9"	55.35
19' 02"	47AJU	158	286.9"	91.34

NOTE: Dimensions "B" and "C" include a 1" rear bumper extension.

CE MODELS

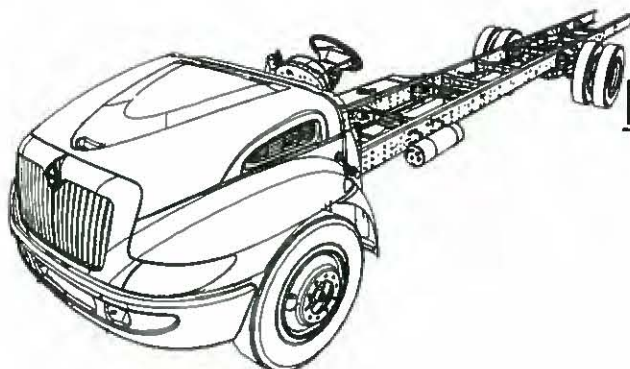
Body Length (Approx.)	Body Code	Wheelbase Dim "A"	Overall Vehicle Length Dim. "B"	Axle to Bumper Dim. "C"
16' 02"	47AJL	158	258.9	61
16' 11"	47AJN	158	267.9	70
17' 08"	47AJP	158	276.9	79
18' 05"	47AJT	158	285.9	88
19' 02"	47AJU	158	294.9	97
18' 05"	47AEB	169	285.9	77
19' 02"	47AED	169	294.9	86
19' 02"	47AEE	169	294.9	86
19' 11"	47AEC	169	303.9	95
20' 08"	47AEG	193	312.9	80
21' 05"	47AEH	193	321.9	89
21' 05"	47AEJ	193	321.9	89
22' 02"	47AEK	193	330.9	98
22' 11"	47AEL	193	339.9	107
23' 08"	47AEM	193	348.9	116
23' 08"	47AEN	193	348.9	116
24' 05"	47AEP	217	357.9	101
25' 02"	47AER	217	366.9	110
25' 11"	47AES	217	375.9	119
25' 11"	47AET	217	375.9	119
26' 08"	47AEU	217	384.9	128
27' 05"	47AEV	236	393.9	118
28' 02"	47AEX	236	402.9	127
28' 02"	47AEY	236	402.9	127
28' 11"	47AEW	236	411.9	136
31' 02"	47AGC	254	438.9	145
29' 08"	47AEZ	254	420.9	127
30' 05"	47AGA	254	429.9	136
30' 05"	47AGB	254	429.8	136
31' 11"	47AGD	254	447.9	154
31' 11"	47AGE	276	447.9	132
32' 08"	47AGG	276	456.9	141
32' 08"	47AGH	276	456.9	141
33' 05"	47AGJ	276	465.9	150
34' 02"	47AGK	276	473.9	158
34' 11"	47AMG	276	482.9	167

NOTE: Dimensions "B" and "C" include a 1" rear bumper extension.



INTERNATIONAL® 3000 SERIES STANDARD CHASSIS SPECIFICATIONS

GAW Rating (lbs.)		
	STD.	MAX.
Front	8,000	10,000
Rear	17,500	23,000
GVW Rating (lbs.)		
Total	25,500	33,000
GCW Rating (lbs.)		
	STD.	MAX.
Total	—	—



3300 4x2 Bus Chassis

Model Code:
PB01500

NOTE: Model Code and Wheelbase Must Be Specified on Order.

Wheelbase (in.)	Chassis Weights (lbs.) **			Dimensions (in.)				Turning Radius	
	Front	Rear	Total	CA	CF	AF	OAL	To Curb	W/Bumper Clearance
*158	4,077	3,462	7,539	—	—	95	293	23 ft. 0 in.	24 ft. 1 in.
169	4,101	3,463	7,564	—	—	93	302	24 ft. 5 in.	25 ft. 6 in.
193	4,119	3,588	7,707	—	—	114	347	27 ft. 5 in.	28 ft. 6 in.
217	4,144	3,661	7,805	—	—	126	383	29 ft. 1 in.	30 ft. 2 in.
236	4,178	3,741	7,919	—	—	134	410	31 ft. 4 in.	32 ft. 6 in.
254	4,182	3,836	8,018	—	—	152	446	33 ft. 6 in.	34 ft. 8 in.
276	4,215	3,876	8,091	—	—	157	473	36 ft. 2 in.	37 ft. 3 in.

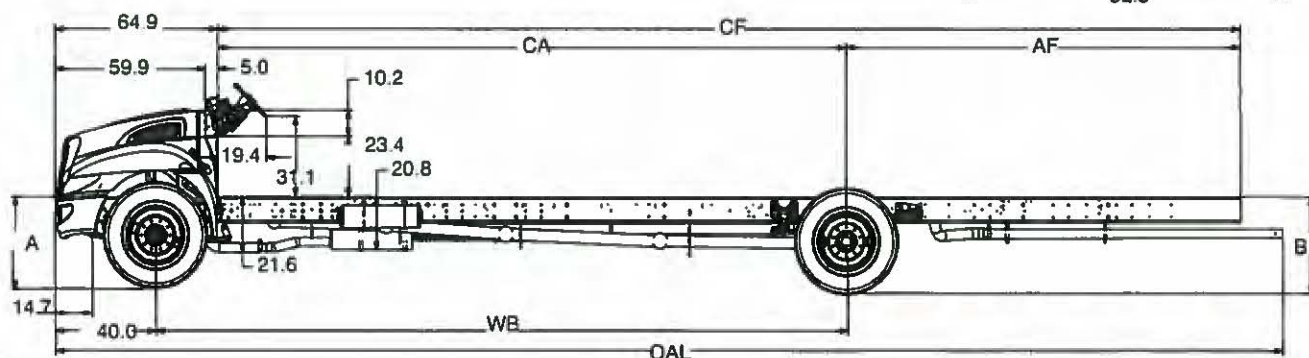
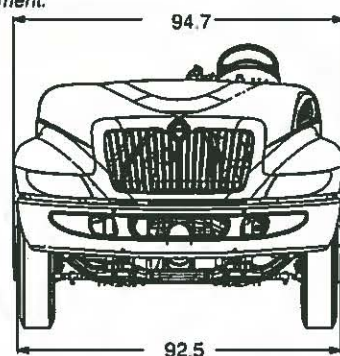
NOTES: Chart data based on vehicle with standard equipment. Artwork may show some optional equipment.

* Optional add-on weights for this model are based on the 158" wheelbase.

** Weight includes standard chassis, standard tires, oil and water, but less fuel.

② = Frame Height at centerline of front axle: 33.7" – loaded

③ = Frame Height at centerline of rear axle: 36.3" – loaded



INTERNATIONAL® 3000 SERIES

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Printed in The United States of America

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INTERNATIONAL®

3000 SERIES - BUS

3300 4X2 BUS CHASSIS

STANDARD EQUIPMENT

MODEL CODE: PB01500

01 FRAMES * PLEASE NOTE: APPLICATION AND COUNTRY RESTRICTION INFORMATION IS NOT SHOWN IN THE AVAILABLE EQUIPMENT SECTIONS. PLEASE REFER TO THE TOPS APPLICATION IN SALES TOOLS FOR THIS RESTRICTION INFORMATION.	04 BRAKES (CONT.) 04JNG - TRACTION CONTROL, HYDRAULIC Automatic; With Full Power Hydraulic Brake System 05 STEERING 05PRG - STEERING GEAR (TRW (Ross) TAS-40) Power 05AAA - STEERING COLUMN Stationary 05CAL - STEERING WHEEL 2-Spoke, 18" Diam., Black	08 ELECTRICAL (CONT.) 08540 - HORN, ELECTRIC (2) 08WWN - STARTING MOTOR (Leece-Neville M100R) 12-Volt; less Thermal Over-Crank Protection
01CAC - FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 471.1" (11965mm) Maximum OAL 01LLE - BUMPER, FRONT Full Width, Aerodynamic, Heavy Duty, Steel 01WHS - WHEELBASE RANGE 158" (400cm) Through and Including 189" (430cm)	06 DRIVELINES * DRIVESHAFT (Spicer SPL90 Series) Transmission to Rear Axle * END YOKES Half-Round, Easy Service (All) * PROPSHAFT GUARD * SLIP JOINT SPLINES Nylon-Coated 07 EXHAUST SYSTEM 07ADU - EXHAUST SYSTEM Single, Stainless Steel, Horizontal Muffler and Catalytic Converter, Aluminized Steel Long Tail Pipe, for 2004 Emission Standards with International V8 Engines, Frame Mounted Right Side	09 FRONT END 09WAY - FRONT END Tilting, Fiberglass, With Three Piece Construction * GRILLE Painted Hood Color 09WAB - HOOD SYSTEM - EASY TILT Mechanical 10 PAINT & MISCELLANEOUS 10060 - PAINT SCHEMATIC, PT-1 Single Color, Design 100 * PAINT SCHEMATIC ID LETTERS "NB" 10788 - PAINT TYPE Urethane, One or Two Colors, Other than Imron or International.
02 AXLE, FRONT 02AEM - AXLE, FRONT NON-DRIVING (Dana Spicer D800-F) I-Beam Type, 8,000-lb Capacity	08 ELECTRICAL 08000 - ELECTRICAL SYSTEM 12-Volt, Standard Equipment * FUSES, ELECTRICAL SAE Blade-Type * HEADLIGHT DIMMER SWITCH Integral with Turn Signal Switch * HEADLIGHTS (2) Sealed Beam, 5" X 7" Rectangular * PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light * STARTER SWITCH Electric Key Operated * TURN SIGNAL FLASHER (Tridon) * TURN SIGNAL SWITCH Self-Cancelling, Headlight Dimmer (with Flash-To-Pass Feature) * TURN SIGNALS, FRONT Includes Reflectors; Flush Mounted * WIRING, CHASSIS Color Coded and Continuously Numbered	11 CLUTCH 11001 - CLUTCH Omit Item (Clutch & Control) 12 ENGINE 12NRP - ENGINE, DIESEL (International Electronic VT365) 50 State, 175 HP @ 2600 RPM, 460 lb-ft Torque @ 1400 RPM, 2800 RPM Governed Speed, 175 Peak HP (Max) * CATALYTIC CONVERTER/MUFFLER Catalytic Converter * ENGINE OIL DRAIN PLUG Magnetic * ENGINE SHUTDOWN Electric, Key Operated * FAN Optimized Position * FUEL FILTER Engine Mounted * FUEL HEATER Includes Built-In Fuel Heater * FUEL/WATER SEPARATOR Integral to Fuel Filter, Attached to Engine * GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted * GLOW PLUG Automatic with Indicator Light * GOVERNOR Road Speed, Electronic * OIL FILTER, ENGINE Spin-On Type
03A SUSPENSION, FRONT 03ADA - SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 8,000-lb Capacity; With Shock Absorbers * SPRING PINS Rubber Bushings, Maintenance-Free	04 BRAKES 04085 - BRAKE SYSTEM, HYDRAULIC Split System, Full Power, With Automatic Adjustment And With Four Channel ABS 04GAW - BRAKE, PARKING (Bosch) DSSA Type; 12" x 3", Spring Actuated; For Hydraulic Brake Chassis Activated by Parking Brake Knob on Instrument Panel, Includes Key Switch Interlock, Park Brake Cannot be released Until Ignition Switch is in Run Position * BRAKE, PARKING Differential-Mounted Drum Type Park Brake * PARKING BRAKE CONTROL Dash-Mounted Switch Applies Hydraulic Actuated Powered Park Brake 04JNB - BRAKES, FRONT, HYDRAULIC DISC "DiamondLife" 15.00" x 1.44" Rotors; Dual 2.60" (66mm) Diam. Pistons * DUST SHIELDS, FRONT BRAKE NOTE: Q Plus - Meritor (Rockwell) 04NNC - BRAKES, REAR, HYDRAULIC DISC "DiamondLife" 15.00" x 1.44" Rotors; Dual 73mm Diam. Pistons * DUST SHIELDS, REAR BRAKE NOTE: Q Plus - Meritor (Rockwell)	* CATALYTIC CONVERTER/MUFFLER Catalytic Converter * ENGINE OIL DRAIN PLUG Magnetic * ENGINE SHUTDOWN Electric, Key Operated * FAN Optimized Position * FUEL FILTER Engine Mounted * FUEL HEATER Includes Built-In Fuel Heater * FUEL/WATER SEPARATOR Integral to Fuel Filter, Attached to Engine * GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted * GLOW PLUG Automatic with Indicator Light * GOVERNOR Road Speed, Electronic * OIL FILTER, ENGINE Spin-On Type NOTE: Requires PFM-12112 Customer Specified Parameter Form
04 BRAKES 04085 - BRAKE SYSTEM, HYDRAULIC Split System, Full Power, With Automatic Adjustment And With Four Channel ABS 04GAW - BRAKE, PARKING (Bosch) DSSA Type; 12" x 3", Spring Actuated; For Hydraulic Brake Chassis Activated by Parking Brake Knob on Instrument Panel, Includes Key Switch Interlock, Park Brake Cannot be released Until Ignition Switch is in Run Position * BRAKE, PARKING Differential-Mounted Drum Type Park Brake * PARKING BRAKE CONTROL Dash-Mounted Switch Applies Hydraulic Actuated Powered Park Brake	08GEX - ALTERNATOR (Leece-Neville 4832LCH) 12 Volt 175 Amp. Capacity, Self Excite, With Brushes 08MED - BATTERY SYSTEM (International) Maintenance-Free (2) 12-Volt 1100CCA Total 08WPB - HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights	12UWP - RADIATOR (Modine) Aluminum, 2 Row, Cross Flow, Over Under System, 516 SqIn, Louvered, With 270 SqIn Charge Air Cooler, 16 Fins per in., 3.5" Core * ANTI-FREEZE Shell Rotella Extended Life Coolant -40F (-40C) * DEAERATION SYSTEM with Surge Tank

Refer To General Info for Metric Conversion Tables

INTERNATIONAL® 3000 SERIES
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PRICES EFFECTIVE 05/15/2006
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**INTERNATIONAL®****3000 SERIES - BUS****3300 4X2 BUS CHASSIS****STANDARD EQUIPMENT****MODEL CODE: PB01500**

12 ENGINE	(CONT.)	16 CAB	(CONT.)
* RADIATOR HOSES Premium, Rubber		* GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter	
12TSV - FAN DRIVE {Borg-Warner SA-75} Viscous Screw On Type		* ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout	
* FAN Nylon with V8 Engine, Steel with I6 Engine		* WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)	
12VBC - AIR CLEANER Single Element		NOTE: Standard in USA	
12VWH - GOVERNOR Electronic Road Speed Type; for International Electronic I-6, T444E and VT365 Engines and Bus Models; With 55 MPH Default		27/28 WHEELS & TIRES	
12UGN - THROTTLE, HAND CONTROL Electronic		* NOTE: Federal Excise Tax for Tires is Not Included in Either School Bus Chassis Prices or Optional Tire Code Prices	
13 TRANSMISSION		27DMA - WHEELS, FRONT DISC; 22.5" Painted Steel, 2 Hand Hole, 10 Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs.	
13AHN - TRANSMISSION, AUTOMATIC {ALLISON 2500_PTS} 4th Generation Controls; Wide Ratio, 5-Speed, With Overdrive; Less PTO Provision, Less Retarder, With 33,000-lb GVW & GCW Max.		* PAINT IDENTITY, FRONT WHEELS Black	
* TRANSMISSION OIL PAN Magnet in Oil Pan		* WHEEL SEALS, FRONT {International} Oil Lubricated, Includes Wheel Bearings	
NOTE: NOT INCLUDED: CLUTCH BRAKE Torque Limiting		NOTE: Compatible Tire Sizes: 11R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5	
14A AXLE, REAR		28DMA - WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs	
14AGE - AXLE, REAR, SINGLE {Dana Spicer 17060S} Single Reduction, 17,500-lb Capacity, With 190 Wheel Ends		* PAINT IDENTITY, REAR WHEELS Black	
* RATIO: 3.08, 3.25, 3.36, 3.55, 3.70, 3.90, 4.11, 4.33, 4.63, 4.88, 5.29, 5.57, 6.17, 6.50 OR 7.17		* WHEEL SEALS, REAR {International} Oil Lubricated, Includes Wheel Bearings	
* REAR AXLE DRAIN PLUG (1) Magnetic		NOTE: Compatible Tire Sizes: 11R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5	
14B SUSPENSION, REAR		737213 5801 (02) 11R22.5 14-PR LR-G SINGLE FRONT RADIAL TIRES {HANKOOK TIRE AH12}	
14SBK - SUSPENSION, RR, SPRING, SINGLE Two Stage, Vari-Rate; 19,800-lb Capacity		737213 5801 (04) 11R22.5 14-PR LR-G DUAL REAR RADIAL TIRES {HANKOOK TIRE AH12}	
14WAP - SHOCK ABSORBERS, REAR (2)			
15 FUEL TANKS			
15SAK - FUEL TANK Top Draw; Rectangular Steel, 35 U.S. Gal., 132 L With Protective Cage, Mounted Right Side			
* FUEL LINES Nylon Tubing With O-Ring Snap-On Quick-Connect Fittings at Both Ends			
NOTE: Requires 158" or 169" WB			
16 CAB			
16010 - COWL Flat Back			
16HBA - GAUGE CLUSTER English With English Electronic Speedometer			

Refer To General Info for Metric Conversion Tables

INTERNATIONAL® 3000 SERIES**SECTION 225 - STANDARD EQUIPMENT****PRICES EFFECTIVE 05/15/2006****PLE-283 REVISION NO. 10****PAGE 225-3****SUBJECT TO CHANGE WITHOUT NOTICE**

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