

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF EDUCATION
P.O. BOX 2120
RICHMOND, VIRGINIA 23218-2120

SPECIFICATION NOTICE 01-1 SEPTEMBER 1, 2000

TO: GARY TEAL, SPECIFICATION COORDINATOR, BLUE BIRD BODY CO.

FROM: VINCE NEVIUS, ASSOCIATE SPECIALIST, VIRGINIA DEPARTMENT OF EDUCATION

SUBJECT: APPROVED BUS BODIES AND SPECIFICATIONS FOR USE IN VIRGINIA.

BASED ON VIRGINIA'S 2001 SPECIFICATIONS AND FLOOR PLAN DRAWINGS SUPPLIED TO THIS OFFICE BY BLUE BIRD BODY CO. THE FOLLOWING BODIES AND SPECIFICATIONS ARE APPROVED SUBJECT TO ACTUAL MEASUREMENTS OF COMPLETED UNITS.

| <u>NO. PASS.</u> | <u>WB</u> | <u>ROWS</u> | <u>OAL</u> | <u>KNEE ROOM</u> | <u>PLAN NO.</u> |
|------------------|-----------|-------------|------------|------------------|-----------------|
| 84-TCFE | 237 | 14 | 39'04" | 26.10L / 25.93R | TC3904-84-01 |
| 78-TCFE | 216 | 13 | 37'00" | 26.14L / 25.97R | TC3700-78-01 |
| 72-TCFE | 195 | 12 | 34'08" | 26.20L / 26.00R | TC3408-72-01 |
| 66-TCFE | 174 | 11 | 32'11" | 26.90L / 26.69R | TC3211-66-01 |
| 54-TCFE | 146 | 9 | 27'08" | 26.48L / 26.17R | TC2708-54-01 |
| 42-TCFE | 132 | 7 | 25'11" | 31.25L / 31.25R | TC2511-42-01 |
| 78-A3RE | 245 | 13 | 37'00" | 25.23L / 25.77R | RE3700-78-01 |
| | | | OR | 39'03" | |
| 72-A3RE | 217 | 12 | 34'08" | 25.06L / 25.73R | RE3408-72-01 |
| | | | OR | 37'00" | |
| 66-A3RE | 189 | 11 | 32'04" | 25.48L / 27.48R | RE3204-66-01 |
| | | | OR | 34'08" | |
| 64-SBCV | 259 | 11 | 30'04" | 25.64L / 25.64R | SB3004-64-01 |
| 52-SBCV | 211 | 9 | 25'08" | 25.67L / 25.67R | SB2508-52-01 |
| 34-SBCV | 157 | 6 | 18'08" | 25.75L / 25.75R | SB1808-34-01 |

TYPE "A" UNITS WILL BE APPROVED ON AN INDIVIDUAL BASIS.

A MAXIMUM OF TWO ELONGATED SECTIONS WILL BE PERMITTED WHERE NEEDED.

A BACK-UP ALARM OF APPROX. 97 DBA SHALL BE INSTALLED ON EACH BUS

AN APPROVED STROBE LIGHT SHALL BE INSTALLED ON EACH BUS.

PLASTIC BODY AUX. HEATER PUMPS WILL NOT BE APPROVED

ALL CROSSING GATES SHALL HAVE A LATCH

"SPECIAL NEEDS" BUSES AND ALL GAS POWERED BUSES SHALL BE SUPPLIED WITH A JOMARR THERMATIC FIRE EXTINGUISHER SYSTEM WITH NAF S-111 LIQUID CLEAN AGENT.

ALL CONSTRUCTION, MATERIAL, AND EQUIPMENT MUST COMPLY WITH "REGULATIONS GOVERNING PUPIL TRANSPORTATION INCLUDING MINIMUM STANDARDS FOR SCHOOL BUSES IN VIRGINIA" -JULY 1994.

CC: VIRGINIA TRUCK CENTER

BLUE BIRD-01

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD TCFE - 84 – PASSENGER DIESEL– AIR BRAKE

| | | | |
|-----------------------------|--|------------------------------|--------------------|
| <u>GVWR</u> | 31,200 LB | <u>WHEELBASE</u> | 237” |
| <u>WHEELS</u> | DISC – 10 – STUD BUDD TYPE – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 10R22.5 – 16 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9.63” X 3” X .250” FRONT TOW HOOKS | | |
| <u>STEERING</u> | ROSS TAS-65 | <u>TURNING RADIUS</u> | 38’3” CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | SPICER “T” BEAM 14,000 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 4.78 |
| <u>BRAKES</u> | FULL AIR – 13.2 CF. COMPRESSOR – 16.5” X 5” FRT. – 16½” X 7” REAR – BW DRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 7,000 LB. EACH @ GROUND REAR SPRINGS – PROGRESSIVE TYPE – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CUMMINS ISB – 215HP – 605 FT.LBS. TORQUE @ 1400 HAND THROTTLE – ELECTRONIC SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 777 SQ. IN. – 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | ALLISON MT-643 AUTOMATIC WITH FILTER AND QUADCO CONTROL | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U” JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON – 58 GALLON DRAW – MOUNTED BETWEEN FRAME RAILS | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1-QUART SPIN-ON | | |
| <u>BATTERY</u> | ONE 12 VOLT –8D -1400 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP LEECE -NEVILLE - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND TO BUT NOT BEYOND 11/2” FROM REAR BUMPER | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, RUB RAILS AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD TCFE - 78 – PASSENGER DIESEL– AIR BRAKE

| | | | |
|-----------------------------|---|------------------------------|---------------------------|
| <u>GVWR</u> | 30,000 LB | <u>WHEELBASE</u> | 216" |
| <u>WHEELS</u> | DISC – 10 – STUD BUDD TYPE – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 10R22.5 – 14 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9.63" X 3" X .250" FRONT TOW HOOKS | | |
| <u>STEERING</u> | ROSS TAS-65 | <u>TURNING RADIUS</u> | 35.7' CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼" CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | SPICER "I" BEAM 12,000 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 4.78 |
| <u>BRAKES</u> | FULL AIR – 13.2 CF. COMPRESSOR – 16.5" X 5" FRT. – 161/2" X 7" REAR – BW DRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 7,000 LB. EACH @ GROUND REAR SPRINGS – PROGRESSIVE TYPE – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CUMMINS ISB – 190HP – 520 FT.LBS. TORQUE @ 1400 HAND THROTTLE – ELECTRONIC SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 777 SQ. IN. – 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | ALLISON AUTOMATIC WITH FILTER AND QUADCO CONTROL | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL "U" JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON – 58 GALLON DRAW – MOUNTED BETWEEN FRAME RAILS | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1-QUART SPIN-ON | | |
| <u>BATTERY</u> | ONE 12 VOLT –8D - 1400 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP LEECE -NEVILLE - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND TO BUT NOT BEYOND 11/2" FROM REAR BUMPER | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, RUB RAILS AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD TCFE - 72 – PASSENGER DIESEL– AIR BRAKE

| | | | |
|-----------------------------|---|------------------------------|---------------------------|
| <u>GVWR</u> | 30,000 LB | <u>WHEELBASE</u> | 195” |
| <u>WHEELS</u> | DISC – 10 – STUD BUDD TYPE – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 10R22.5 – 14 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9.63” X 3” X .250” FRONT TOW HOOKS | | |
| <u>STEERING</u> | ROSS TAS-65 | <u>TURNING RADIUS</u> | 32.7’ CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | SPICER “T” BEAM 12,000 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 4.78 |
| <u>BRAKES</u> | FULL AIR – 13.2 CF. COMPRESSOR – 16.5” X 5” FRT. – 161/2” X7” REAR – BW DRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 7,000 LB. EACH @ GROUND REAR SPRINGS – PROGRESSIVE TYPE – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CUMMINS ISB – 190HP – 520 FT.LBS. TORQUE @ 1400 HAND THROTTLE – ELECTRONIC SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 777 SQ. IN. – 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | ALLISON AUTOMATIC WITH FILTER AND QUADCO CONTROL | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U” JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON – 58 GALLON DRAW – MOUNTED BETWEEN FRAME RAILS | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1-QUART SPIN-ON | | |
| <u>BATTERY</u> | ONE 12 VOLT –8D - 1400 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP LEECE -NEVILLE - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND TO BUT NOT BEYOND 11/2” FROM REAR BUMPER | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, RUB RAILS AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD TCFE - 66 – PASSENGER DIESEL– AIR BRAKE

| | | | |
|-----------------------------|---|------------------------------|---------------------------|
| <u>GVWR</u> | 30,000 LB | <u>WHEELBASE</u> | 174” |
| <u>WHEELS</u> | DISC – 10 – STUD BUDD TYPE – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 10R22.5 – 14 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9.63” X 3” X .250” FRONT TOW HOOKS | | |
| <u>STEERING</u> | ROSS TAS-65 | <u>TURNING RADIUS</u> | 30.2’ CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | SPICER “T” BEAM 12,000 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 4.78 |
| <u>BRAKES</u> | FULL AIR – 13.2 CF. COMPRESSOR – 16.5” X 5” FRT. – 161/2” X7” REAR – BW DRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 7,000 LB. EACH @ GROUND REAR SPRINGS – PROGRESSIVE TYPE – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CUMMINS ISB – 190HP – 520 FT.LBS. TORQUE @ 1400 HAND THROTTLE – ELECTRONIC SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 777 SQ. IN. – 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | ALLISON AUTOMATIC WITH FILTER AND QUADCO CONTROL | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U”JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON – 58 GALLON DRAW – MOUNTED BETWEEN FRAME RAILS | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1-QUART SPIN-ON | | |
| <u>BATTERY</u> | ONE 12 VOLT –8D - 1400 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP LEECE -NEVILLE - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND TO BUT NOT BEYOND 11/2” FROM REAR BUMPER | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, RUB RAILS AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD TCFE - 54 – PASSENGER DIESEL– AIR BRAKE

| | | | |
|-----------------------------|--|------------------------------|--------------------|
| <u>GVWR</u> | 26,500 LB | <u>WHEELBASE</u> | 146” |
| <u>WHEELS</u> | DISC – 10 – STUD BUDD TYPE – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 10R22.5 – 14 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9.63” X 3” X .250” FRONT TOW HOOKS | | |
| <u>STEERING</u> | ROSS TAS-65 | <u>TURNING RADIUS</u> | 26.5’ CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | SPICER “T” BEAM 12,000 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 17,000 LB. | <u>RATIO</u> | 4.78 |
| <u>BRAKES</u> | FULL AIR – 13.2 CF. COMPRESSOR – 16.5” X 5” FRT. – 161/2” X7” REAR – BWDRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 7,000 LB. EACH @ GROUND REAR SPRINGS – PROGRESSIVE TYPE – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CUMMINS ISB – 190HP – 520 FT.LBS. TO RQUE @ 1400 HAND THROTTLE – ELECTRONIC SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 777 SQ. IN. – 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | ALLISON AUTOMATIC WITH FILTER AND QUADCO CONTROL | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U”JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON – 58 GALLON DRAW – MOUNTED BETWEEN FRAME RAILS | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1-QUART SPIN-ON | | |
| <u>BATTERY</u> | ONE 12 VOLT –8D - 1400 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP LEECE -NEVILLE - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND TO BUT NOT BEYOND 11/2” FROM REAR BUMPER | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, RUB RAILS AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD TCFE - 42 – PASSENGER DIESEL– AIR BRAKE

| | | | |
|-----------------------------|--|------------------------------|--------------------|
| <u>GVWR</u> | 26,300 LB | <u>WHEELBASE</u> | 132” |
| <u>WHEELS</u> | DISC – 10 – STUD BUDD TYPE – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 10R22.5 – 14 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9.63” X 3” X .250” FRONT TOW HOOKS | | |
| <u>STEERING</u> | ROSS TAS-65 | <u>TURNING RADIUS</u> | 24.8’ CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | SPICER “I” BEAM 12,000 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 17,000 LB. | <u>RATIO</u> | 4.78 |
| <u>BRAKES</u> | FULL AIR – 13.2 CF. COMPRESSOR – 16.5” X 5” FRT. – 161/2” X7” REAR – BW DRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 7,000 LB. EACH @ GROUND REAR SPRINGS – PROGRESSIVE TYPE – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CUMMINS ISB – 190HP – 520 FT.LBS. TORQUE @ 1400 HAND THROTTLE – ELECTRONIC SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 777 SQ. IN. – 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | ALLISON AUTOMATIC WITH FILTER AND QUADCO CONTROL | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U” JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 45 GALLON – 43.5 GALLON DRAW – MOUNTED BETWEEN FRAME RAILS | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1-QUART SPIN-ON | | |
| <u>BATTERY</u> | ONE 12 VOLT –8D - 1400 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP LEECE -NEVILLE - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND TO BUT NOT BEYOND 11/2” FROM REAR BUMPER | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, RUB RAILS AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD A3RE - 78 – PASSENGER DIESEL– AIR BRAKE **

| | | | |
|-----------------------------|---|------------------------------|-----------------------------------|
| <u>GVWR</u> | 29,860LB | <u>WHEELBASE</u> | 245" A3RE3700 ** OR A3RE3904 ** |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 11R22.5 – 16 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9.63" X 3" X .250" FRONT TOW HOOKS | | |
| <u>STEERING</u> | ROSS TAS-65 | <u>TURNING RADIUS</u> | 38.4' ** OR 42.2' ** CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼" CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | SPICER "T" BEAM 12,000 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 4.78 |
| <u>BRAKES</u> | FULL AIR – 13.2 CF. COMPRESSOR – 16.5" X 5" FRT. – 161/2" X7" REAR – BW DRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 7,000 LB. EACH @ GROUND REAR SPRINGS – PROGRESSIVE TYPE – 11,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CUMMINS ISB – 190HP – 520 FT.LBS. TORQUE @ 1400 HAND THROTTLE – ELECTRONIC SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 808 SQ. IN. – 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | ALLISON AT-545 AUTOMATIC WITH FILTER AND QUADCO CONTROL | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL "U" JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON – 58 GALLON DRAW – MOUNTED BETWEEN FRAME RAILS | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1-QUART SPIN-ON | | |
| <u>BATTERY</u> | ONE 12 VOLT –8D - 1400 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP LEECE -NEVILLE - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND TO BUT NOT BEYOND 11/2" FROM REAR BUMPER | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, RUB RAILS AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |

** SPECIAL CONSTRUCTION—A3RE3904 REQUIRES A MT-643 TRANSMISSION AND A 210 HP ENGINE

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD A3RE - 72 – PASSENGER DIESEL– AIR BRAKE **

| | | | | | |
|-----------------------------|---|------------------------------|-------|-------------|--------------------------|
| <u>GVWR</u> | 29,860LB | <u>WHEELBASE</u> | 217” | A3RE3408 ** | OR A3RE3700 ** |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | | | |
| <u>TIRES</u> | 11R22.5 – 16 PLY TUBELESS RADIAL | | | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9.63” X 3” X .250” FRONT TOW HOOKS | | | | |
| <u>STEERING</u> | ROSS TAS-65 | <u>TURNING RADIUS</u> | 34.2’ | ** | OR 38.0’ ** CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | | | |
| <u>FRONT AXLE</u> | SPICER “I” BEAM 12,000 LB. | | | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 4.78 | | |
| <u>BRAKES</u> | FULL AIR – 13.2 CF. COMPRESSOR – 16.5” X 5” FRT. – 161/2” X7” REAR – BW DRYER | | | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 7,000 LB. EACH @ GROUND REAR SPRINGS – PROGRESSIVE TYPE – 11,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | | | |
| <u>ENGINE</u> | CUMMINS ISB – 190HP – 520 FT.LBS. TORQUE @ 1400 HAND THROTTLE – ELECTRONIC SET ECM TO MAX. ROAD SPEED OF 55 MPH | | | | |
| <u>RADIATOR</u> | 808 SQ. IN. – 190 DEGREE THERMOSTAT | | | | |
| <u>TRANSMISSION</u> | ALLISON AT-545 AUTOMATIC WITH FILTER AND QUADCO CONTROL | | | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U” JOINTS GUARDS ON ALL SHAFTS | | | | |
| <u>FUEL TANK</u> | 60 GALLON – 58 GALLON DRAW – MOUNTED BETWEEN FRAME RAILS | | | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | | | |
| <u>OIL FILTER</u> | 1-QUART SPIN-ON | | | | |
| <u>BATTERY</u> | ONE 12 VOLT –8D - 1400 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | | | |
| <u>ALTERNATOR</u> | 160 AMP LEECE -NEVILLE - 4 GA. CHARGING AND GROUND CIRCUITS | | | | |
| <u>HORN</u> | DUAL ELECTRIC | | | | |
| <u>LIGHTS</u> | PER FMVSS108 | | | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND TO BUT NOT BEYOND 11/2” FROM REAR BUMPER | | | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | | | |
| <u>COLOR</u> | FRAME, WHEELS, RUB RAILS AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | | | |

** SPECIAL CONSTRUCTION

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD A3RE - 66 – PASSENGER DIESEL– AIR BRAKE **

| | | | | | |
|-----------------------------|--|------------------------------|--|--------------------|-----------------------|
| <u>GVWR</u> | 29,860LB | <u>WHEELBASE</u> | 189” | A3RE3408 ** | OR A3RE3204 ** |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED TYPE – 22.5 X 7.5 RIM | | | | |
| <u>TIRES</u> | 11R22.5 – 16 PLY TUBELESS RADIAL | | | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9.63” X 3” X .250” FRONT TOW HOOKS | | | | |
| <u>STEERING</u> | ROSS TAS-65 | <u>TURNING RADIUS</u> | 33.7’ ** OR 29.9’ ** CURB TO CURB | | |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | | | |
| <u>FRONT AXLE</u> | SPICER “I” BEAM 12,000 LB. | | | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 4.78 | | |
| <u>BRAKES</u> | FULL AIR – 13.2 CF. COMPRESSOR – 16.5” X 5” FRT. – 161/2” X7” REAR – BW DRYER | | | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 7,000 LB. EACH @ GROUND REAR SPRINGS – PROGRESSIVE TYPE – 11,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | | | |
| <u>ENGINE</u> | CUMMINS ISB – 190HP – 520 FT.LBS. TORQUE @ 1400 HAND THROTTLE – ELECTRONIC SET ECM TO MAX. ROAD SPEED OF 55 MPH | | | | |
| <u>RADIATOR</u> | 808 SQ. IN. – 190 DEGREE THERMOSTAT | | | | |
| <u>TRANSMISSION</u> | ALLISON AT-545 AUTOMATIC WITH FILTER AND QUADCO CONTROL | | | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U”JOINTS GUARDS ON ALL SHAFTS | | | | |
| <u>FUEL TANK</u> | 60 GALLON – 58 GALLON DRAW – MOUNTED BETWEEN FRAME RAILS | | | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | | | |
| <u>OIL FILTER</u> | 1-QUART SPIN-ON | | | | |
| <u>BATTERY</u> | ONE 12 VOLT –8D - 1400 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | | | |
| <u>ALTERNATOR</u> | 160 AMP LEECE -NEVILLE - 4 GA. CHARGING AND GROUND CIRCUITS | | | | |
| <u>HORN</u> | DUAL ELECTRIC | | | | |
| <u>LIGHTS</u> | PER FMVSS108 | | | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND TO BUT NOT BEYOND 11/2” FROM REAR BUMPER | | | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | | | |
| <u>COLOR</u> | FRAME, WHEELS, RUB RAILS AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | | | |

**** SPECIAL CONSTRUCTION**

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD/GM – 64 – PASSENGER – GASOLINE – HYDRAULIC BRAKE

| | | | |
|--------------------------------------|--|------------------------------|--------------------|
| <u>GVWR</u> | 25,740 LB. | <u>WHEELBASE</u> | 259” |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 255/80R22.5 – 12 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9 5/8” X 3” X 5/16” FRONT TOW HOOKS | | |
| <u>STEERING</u> | SAGINAW 710 | <u>TURNING RADIUS</u> | 36’0” CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | GM “T” BEAM 8,100 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 6.50 |
| <u>BRAKES</u> | HYDRAULIC DISC – DUAL SYSTEM WITH ABS | | |
| <u>PARKING BRAKE</u> | PROPELLOR SHAFT BAND TYPE – 9” X 3” WITH ORSCHELN TYPE LEVER | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 4,050 LB. EACH @ GROUND WITH STABILIZER BAR REAR SPRINGS – TAPERED LEAF – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | 454 CU. IN. V-8 – ELECTRONIC FUEL INJECTION – 210 HP @ 3750 – 325 FT. LB. TOR. @ 3200 ENGINE WARM-UP SWITCH SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 732 SQ. IN. – CAPACITY 26 QUARTS – 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | FULLER -5-SPEED DIRECT IN 5 TH | | |
| <u>CLUTCH</u> | 13” SINGLE PLATE CERAMIC – STARTER SAFETY SWITCH | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U” JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON FILL – 60 GALLON DRAW – RIGHT SIDE MOUNTED | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1.4 -QUART SPIN-ON | | |
| <u>BATTERY</u> | 12 VOLT – 770 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 145 AMP DELCO - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND AT LEAST 5” BEYOND END OF FRAME – HEAT SHIELD | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |
| <u>FRONT END</u> | LOW EFFORT TILT HOOD | | |
| <u>FIRE SUPRESSION SYSTEM</u> | – JOMARR VT-4 OR EQUAL | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD/GM – 64 – PASSENGER – DIESEL – HYDRAULIC BRAKE

| | | | |
|-----------------------------|---|------------------------------|--------------------|
| <u>GVWR</u> | 25,740 LB. | <u>WHEELBASE</u> | 259” |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 255/80R22.5 – 12 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9 5/8” X 3” X 5/16” FRONT TOW HOOKS | | |
| <u>STEERING</u> | SAGINAW 710 | <u>TURNING RADIUS</u> | 38.1” CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | GM “T” BEAM 9,000 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 4.88 |
| <u>BRAKES</u> | HYDRAULIC DISC– DUAL SYSTEM WITH ABS | | |
| <u>PARKING BRAKE</u> | PROPELLOR SHAFT BAND TYPE – 9” X 3” WITH ORSCHELN TYPE LEVER | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 4,500 LB. EACH @ GROUND WITH STABILIZER BAR REAR SPRINGS – MULTI- LEAF – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CAT 3126B – 175 HP @ 2400 – 420 LB.FT. TORQUE @ 1560 ELECTRONIC THROTTLE CONTROL SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 732 SQ. IN. – CAPACITY 32 QUARTS– 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | FULLER -5-SPEED DIRECT IN 5 TH | | |
| <u>CLUTCH</u> | 13” SINGLE PLATE CERAMIC – STARTER SAFETY SWITCH | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U”JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON FILL – 60 GALLON DRAW – RIGHT SIDE MOUNTED | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 2 -QUART SPIN-ON | | |
| <u>BATTERY</u> | 12 VOLT – 1150 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP DELCO - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND AT LEAST 5” BEYOND END OF FRAME –HEAT SHIELD | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |
| <u>FRONT END</u> | LOW EFFORT TILT HOOD | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD/GM – 64 – PASSENGER – GASOLINE – AIR BRAKE

| | | | |
|--------------------------------------|--|------------------------------|--------------------|
| <u>GVWR</u> | 25,740 LB. | <u>WHEELBASE</u> | 259" |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 255/80R22.5 – 12 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9 5/8" X 3" X 5/16" FRONT TOW HOOKS | | |
| <u>STEERING</u> | SAGINAW 710 | <u>TURNING RADIUS</u> | 36'0" CURB TO CURB |
| <u>FRONT BUMPER</u> | 1/4" CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | GM "T" BEAM 8,100 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 6.50 |
| <u>BRAKES</u> | FULL AIR - 13.2 CU. FT. COMPRESSOR – 15" X 4" FRT. – 16.5" X 7" REAR – AIR DRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 4,050 LB. EACH @ GROUND WITH STABILIZER BAR REAR SPRINGS – MULTI-LEAF – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | 454 CU. IN. V-8 – ELECTRONIC FUEL INJECTION – 210 HP @ 3750 – 325 FT. LB. TOR. @ 3200 ENGINE WARM-UP SWITCH SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 732 SQ. IN. – CAPACITY 26 QUARTS– 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | FULLER -5-SPEED DIRECT IN 5 TH | | |
| <u>CLUTCH</u> | 13" SINGLE PLATE CERAMIC – STARTER SAFETY SWITCH | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL "U" JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON FILL – 60 GALLON DRAW – RIGHT SIDE MOUNTED | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1.4 -QUART SPIN-ON | | |
| <u>BATTERY</u> | 12 VOLT – 770 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 145 AMP DELCO - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND AT LEAST 5" BEYOND END OF FRAME – HEAT SHIELD | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |
| <u>FRONT END</u> | LOW EFFORT TILT HOOD | | |
| <u>FIRE SUPRESSION SYSTEM</u> | – JOMARR VT-4 OR EQUAL | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD/GM – 64 – PASSENGER – DIESEL – AIR BRAKE

| | | | |
|-----------------------------|---|------------------------------|--------------------|
| <u>GVWR</u> | 25,740 LB. | <u>WHEELBASE</u> | 259” |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 255/80R22.5 – 12 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9 5/8” X 3” X 5/16” FRONT TOW HOOKS | | |
| <u>STEERING</u> | SAGINAW 710 | <u>TURNING RADIUS</u> | 36’0” CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | GM “T” BEAM 9,000 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 4.88 |
| <u>BRAKES</u> | FULL AIR- 13.2 CU. FT. COMPRESSOR – 15” X 4” FRT. – 16.5” X 4” REAR – BW DRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 4,500 LB. EACH @ GROUND WITH STABILIZER BAR REAR SPRINGS – MULTI- LEAF – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CAT 3126B – 175 HP @ 2400 – 420 LB.FT. TORQUE @ 1560 ELECTRONIC THROTTLE CONTROL SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 732 SQ. IN. – CAPACITY 32 QUARTS– 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | FULLER -5-SPEED DIRECT IN 5 TH | | |
| <u>CLUTCH</u> | 13” SINGLE PLATE CERAMIC – STARTER SAFETY SWITCH | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U”JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON FILL – 60 GALLON DRAW – RIGHT SIDE MOUNTED | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 2 -QUART SPIN-ON | | |
| <u>BATTERY</u> | 12 VOLT – 1150 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP DELCO - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND AT LEAST 5” BEYOND END OF FRAME –HEAT SHIELD | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |
| <u>FRONT END</u> | LOW EFFORT TILT HOOD | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD/GM – 52 – PASSENGER – GASOLINE – HYDRAULIC BRAKE

| | | | |
|--------------------------------------|--|------------------------------|--------------------|
| <u>GVWR</u> | 23,100 LB. | <u>WHEELBASE</u> | 211” |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 235/80R22.5 – 12 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9 5/8” X 3” X 5/16” FRONT TOW HOOKS | | |
| <u>STEERING</u> | SAGINAW 710 | <u>TURNING RADIUS</u> | 29’1” CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | GM “T” BEAM 8,100 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 15,000 LB. | <u>RATIO</u> | 6.50 |
| <u>BRAKES</u> | HYDRAULIC DISC – DUAL SYSTEM WITH ABS | | |
| <u>PARKING BRAKE</u> | PROPELLOR SHAFT BAND TYPE – 9” X 3” WITH ORSCHELN TYPE LEVER | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 4,050 LB. EACH @ GROUND WITH STABILIZER BAR REAR SPRINGS – TAPERED LEAF – 7,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | 454 CU. IN. V-8 – ELECTRONIC FUEL INJECTION – 210 HP @ 3750 – 325 FT. LB. TOR. @ 3200 ENGINE WARM-UP SWITCH SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 732 SQ. IN. – CAPACITY 26 QUARTS – 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | FULLER -5-SPEED DIRECT IN 5 TH | | |
| <u>CLUTCH</u> | 13” SINGLE PLATE CERAMIC – STARTER SAFETY SWITCH | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U” JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON FILL – 60 GALLON DRAW – RIGHT SIDE MOUNTED | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1.4 -QUART SPIN-ON | | |
| <u>BATTERY</u> | 12 VOLT – 770 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 145 AMP DELCO - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND AT LEAST 5” BEYOND END OF FRAME – HEAT SHIELD | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |
| <u>FRONT END</u> | LOW EFFORT TILT HOOD | | |
| <u>FIRE SUPRESSION SYSTEM</u> | – JOMARR VT-4 OR EQUAL | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD/GM – 52 – PASSENGER – DIESEL – HYDRAULIC BRAKE

| | | | |
|-----------------------------|--|------------------------------|--------------------|
| <u>GVWR</u> | 23,100 LB. | <u>WHEELBASE</u> | 211” |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 235/80R22.5 – 12 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9 5/8” X 3” X 5/16” FRONT TOW HOOKS | | |
| <u>STEERING</u> | SAGINAW 710 | <u>TURNING RADIUS</u> | 29’1” CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | GM “T” BEAM 8,100 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 15,000 LB. | <u>RATIO</u> | 4.88 |
| <u>BRAKES</u> | HYDRAULIC DISC– DUAL SYSTEM WITH ABS | | |
| <u>PARKING BRAKE</u> | PROPELLOR SHAFT BAND TYPE – 9” X 3” WITH ORSCHELN TYPE LEVER | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 4,050 LB. EACH @ GROUND WITH STABILIZER BAR REAR SPRINGS – TAPERED LEAF – 7,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CAT 3126B – 175 HP @ 2400 – 420 LB.FT. TO RQUE @ 1560 ELECTRONIC THROTTLE CONTROL SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 732 SQ. IN. – CAPACITY 32 QUARTS– 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | FULLER -5-SPEED DIRECT IN 5 TH | | |
| <u>CLUTCH</u> | 13” SINGLE PLATE CERAMIC – STARTER SAFETY SWITCH | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U”JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON FILL – 60 GALLON DRAW – RIGHT SIDE MOUNTED | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 2 -QUART SPIN-ON | | |
| <u>BATTERY</u> | 12 VOLT – 1150 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP DELCO - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND AT LEAST 5” BEYOND END OF FRAME – HEAT SHIELD | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |
| <u>FRONT END</u> | LOW EFFORT TILT HOOD | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD/GM – 52 – PASSENGER – GASOLINE – AIR BRAKE

| | | | |
|--------------------------------------|--|------------------------------|--------------------|
| <u>GVWR</u> | 23,100 LB. | <u>WHEELBASE</u> | 211" |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 235/80R22.5 – 12 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9 5/8" X 3" X 5/16" FRONT TOW HOOKS | | |
| <u>STEERING</u> | SAGINAW 710 | <u>TURNING RADIUS</u> | 29'1" CURB TO CURB |
| <u>FRONT BUMPER</u> | 1/4" CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | GM "T" BEAM 8,100 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 15,000 LB. | <u>RATIO</u> | 6.50 |
| <u>BRAKES</u> | FULL AIR - 13.2 CU. FT. COMPRESSOR – 15" X 4" FRT. – 16.5" X 7" REAR – AIR DRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 4,050 LB. EACH @ GROUND WITH STABILIZER BAR REAR SPRINGS – TAPERED LEAF – 7,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | 454 CU. IN. V-8 – ELECTRONIC FUEL INJECTION – 210 HP @ 3750 – 325 FT. LB. TOR. @ 3200 ENGINE WARM-UP SWITCH SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 732 SQ. IN. – CAPACITY 26 QUARTS– 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | FULLER -5-SPEED DIRECT IN 5 TH | | |
| <u>CLUTCH</u> | 13" SINGLE PLATE CERAMIC – STARTER SAFETY SWITCH | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL "U" JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON FILL – 60 GALLON DRAW – RIGHT SIDE MOUNTED | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1.4 -QUART SPIN-ON | | |
| <u>BATTERY</u> | 12 VOLT – 770 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 145 AMP DELCO - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND AT LEAST 5" BEYOND END OF FRAME – HEAT SHIELD | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |
| <u>FRONT END</u> | LOW EFFORT TILT HOOD | | |
| <u>FIRE SUPRESSION SYSTEM</u> | – JOMARR VT-4 OR EQUAL | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD/GM – 52 – PASSENGER – DIESEL – AIR BRAKE

| | | | |
|-----------------------------|---|------------------------------|--------------------|
| <u>GVWR</u> | 25,740 LB. | <u>WHEELBASE</u> | 211” |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 255/80R22.5 – 12 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9 5/8” X 3” X 5/16” FRONT TOW HOOKS | | |
| <u>STEERING</u> | SAGINAW 710 | <u>TURNING RADIUS</u> | 29’1” CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | GM “T” BEAM 8,100 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 19,000 LB. | <u>RATIO</u> | 4.88 |
| <u>BRAKES</u> | FULL AIR- 13.2 CU. FT. COMPRESSOR – 15” X 4” FRT. – 16.5” X 4” REAR – BW DRYER | | |
| <u>PARKING BRAKE</u> | SPRING LOADED REAR CHAMBERS | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 4,050 LB. EACH @ GROUND WITH STABILIZER BAR REAR SPRINGS – MULTI- LEAF – 9,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | CAT 3126B – 175 HP @ 2400 – 420 LB.FT. TORQUE @ 1560 ELECTRONIC THROTTLE CONTROL SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 732 SQ. IN. – CAPACITY 32 QUARTS– 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | FULLER -5-SPEED DIRECT IN 5 TH | | |
| <u>CLUTCH</u> | 13” SINGLE PLATE CERAMIC – STARTER SAFETY SWITCH | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U”JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON FILL – 60 GALLON DRAW – RIGHT SIDE MOUNTED | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 2 -QUART SPIN-ON | | |
| <u>BATTERY</u> | 12 VOLT – 1150 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 160 AMP DELCO - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND AT LEAST 5” BEYOND END OF FRAME –HEAT SHIELD | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |
| <u>FRONT END</u> | LOW EFFORT TILT HOOD | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD/GM – 34 – PASSENGER – GASOLINE – HYDRAULIC BRAKE

| | | | |
|--------------------------------------|---|------------------------------|---------------------------|
| <u>GVWR</u> | 23,100 LB. | <u>WHEELBASE</u> | 157" |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM | | |
| <u>TIRES</u> | 235/80R22.5 – 12 PLY TUBELESS RADIAL | | |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9 5/8" X 3" X 5/16" FRONT TOW HOOKS | | |
| <u>STEERING</u> | SAGINAW 710 | <u>TURNING RADIUS</u> | 23'1" CURB TO CURB |
| <u>FRONT BUMPER</u> | 1/4" CHANNEL STEEL | | |
| <u>FRONT AXLE</u> | GM "T" BEAM 8,100 LB. | | |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 15,000 LB. | <u>RATIO</u> | 6.50 |
| <u>BRAKES</u> | HYDRAULIC DISC – DUAL SYSTEM WITH ABS | | |
| <u>PARKING BRAKE</u> | PROPELLOR SHAFT BAND TYPE – 9" X 3" WITH ORSCHELN TYPE LEVER | | |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 4,050 LB. EACH @ GROUND WITH STABILIZER BAR REAR SPRINGS – TAPERED LEAF – 7,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR | | |
| <u>ENGINE</u> | 454 CU. IN. V-8 – ELECTRONIC FUEL INJECTION – 210 HP @ 3750 – 325 FT. LB. TOR. @ 3200 ENGINE WARM-UP SWITCH SET ECM TO MAX. ROAD SPEED OF 55 MPH | | |
| <u>RADIATOR</u> | 732 SQ. IN. – CAPACITY 26 QUARTS – 190 DEGREE THERMOSTAT | | |
| <u>TRANSMISSION</u> | FULLER -5-SPEED DIRECT IN 5TH | | |
| <u>CLUTCH</u> | 13" SINGLE PLATE CERAMIC – STARTER SAFETY SWITCH | | |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL "U" JOINTS GUARDS ON ALL SHAFTS | | |
| <u>FUEL TANK</u> | 60 GALLON FILL – 60 GALLON DRAW – RIGHT SIDE MOUNTED | | |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE | | |
| <u>OIL FILTER</u> | 1.4 -QUART SPIN-ON | | |
| <u>BATTERY</u> | 12 VOLT – 770 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK | | |
| <u>ALTERNATOR</u> | 145 AMP DELCO - 4 GA. CHARGING AND GROUND CIRCUITS | | |
| <u>HORN</u> | DUAL ELECTRIC | | |
| <u>LIGHTS</u> | PER FMVSS108 | | |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND AT LEAST 5" BEYOND END OF FRAME – HEAT SHIELD | | |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE | | |
| <u>COLOR</u> | FRAME, WHEELS, AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS | | |
| <u>FRONT END</u> | LOW EFFORT TILT HOOD | | |
| <u>FIRE SUPRESSION SYSTEM</u> | – JOMARR VT-4 OR EQUAL | | |

**SPECIFICATIONS FOR 2001 SCHOOL BUS CHASSIS
TO MEET REQUIREMENTS OF
VIRGINIA STATE BOARD OF EDUCATION**

BLUE BIRD/GM – 34 – PASSENGER – DIESEL – HYDRAULIC BRAKE

| | |
|-----------------------------|---|
| <u>GVWR</u> | 23,100 LB. <u>WHEELBASE</u> 157” |
| <u>WHEELS</u> | DISC – 10 – STUD HUB PILOTED – 22.5 X 7.5 RIM |
| <u>TIRES</u> | 235/80R22.5 – 12 PLY TUBELESS RADIAL |
| <u>FRAME</u> | ONE PIECE SIDE MEMBER – 9 5/8” X 3” X 5/16” FRONT TOW HOOKS |
| <u>STEERING</u> | SAGINAW 710 <u>TURNING RADIUS</u> 23’1” CURB TO CURB |
| <u>FRONT BUMPER</u> | ¼” CHANNEL STEEL |
| <u>FRONT AXLE</u> | GM “T” BEAM 8,100 LB. |
| <u>REAR AXLE</u> | SPICER SINGLE SPEED 15,000 LB. <u>RATIO</u> 4.88 |
| <u>BRAKES</u> | HYDRAULIC DISC– DUAL SYSTEM WITH ABS |
| <u>PARKING BRAKE</u> | PROPELLOR SHAFT BAND TYPE – 9” X 3” WITH ORSCHELN TYPE LEVER |
| <u>SUSPENSION</u> | FRONT SPRINGS – PARABOLIC – 4,050 LB. EACH @ GROUND WITH STABILIZER BAR REAR SPRINGS – TAPERED LEAF – 7,500 LB. EACH @ GROUND SHOCK ABSORBERS FRONT AND REAR |
| <u>ENGINE</u> | CAT 3126B – 175 HP @ 2400 – 420 LB.FT. TORQUE @ 1560 ELECTRONIC THROTTLE CONTROL SET ECM TO MAX. ROAD SPEED OF 55 MPH |
| <u>RADIATOR</u> | 732 SQ. IN. – CAPACITY 32 QUARTS– 190 DEGREE THERMOSTAT |
| <u>TRANSMISSION</u> | FULLER -5-SPEED DIRECT IN 5TH |
| <u>CLUTCH</u> | 13” SINGLE PLATE CERAMIC – STARTER SAFETY SWITCH |
| <u>DRIVE SHAFT</u> | GREASE FITTINGS ON ALL “U”JOINTS GUARDS ON ALL SHAFTS |
| <u>FUEL TANK</u> | 60 GALLON FILL – 60 GALLON DRAW – RIGHT SIDE MOUNTED |
| <u>AIR CLEANER</u> | DRY ELEMENT TYPE WITH RESTRICTION GAUGE |
| <u>OIL FILTER</u> | 2 -QUART SPIN-ON |
| <u>BATTERY</u> | 12 VOLT – 1150 CCA - POSITIVE CABLE RED – NEGATIVE CABLE BLACK |
| <u>ALTERNATOR</u> | 160 AMP DELCO - 4 GA. CHARGING AND GROUND CIRCUITS |
| <u>HORN</u> | DUAL ELECTRIC |
| <u>LIGHTS</u> | PER FMVSS108 |
| <u>EXHAUST</u> | 16 GA. (MIN.) STEEL TO EXTEND AT LEAST 5” BEYOND END OF FRAME – HEAT SHIELD |
| <u>GAUGES</u> | SPEEDOMETER TO SHOW TENTHS OF MILE TACHOMETER VOLTMETER TEMPERATURE GAUGE OIL PRESSURE GAUGE FUEL GAUGE |
| <u>COLOR</u> | FRAME, WHEELS, AND BUMPER SHALL BE BLACK BALANCE TO BE NATIONAL SCHOOL BUS YELLOW PAINT SHALL MEET LEAD FREE STANDARDS |
| <u>FRONT END</u> | LOW EFFORT TILT HOOD |