

Page #	Changes	Justification or Reason
Page 1	Updated year and commissioner	Updated to 2021 and interim commissioner.
Page 2	Updated address and footer to reference 2021 title.	Updated to 2021.
Page 3 - and throughout the manual	Updated all references from 2020 to 2021.	Should be for the 2021 specifications.
Page 16-18	Updated to state “vendors shall only provide districts items for the school bus which are approved in this manual and priced during the bid process.” Some vendors have provided items to districts that are not bid and are not in the specifications.	Updated vendor’s responsibilities. Some vendors have provided items that are not bid and are not in the specifications. Made technical corrections of sentence formatting.
Page 17	Moved warranty information	Moved body and chassis warranty information from other places in the manual to the front.
Page 18	Updated service manual and diagnostics information	Updated the verbiage as technology changed and the requirements of the vendors are no longer valid.
Page 19	Added all buses where an approved equal has been utilized, a copy of the KDE approval letter shall be provided to the school district by the vendor upon delivery of the school bus.	Added verbiage to state a letter shall be received with the bus informing districts an item was not in the specifications book. This addition allows future technicians to know why items might be different from the specifications.
Page 20	Updated committee members.	Removed retired committee members and added new committee members.
Page 21	Added environment.	Re-entered missing word.
Page 22 and throughout	Removed “or approved equal”.	It states in the front of the manual approved equals may be allowed and the procedures to do so. It is not needed throughout the manual.
Page 26	Removed the reference to cruise control.	Certain crash mitigation systems require cruise control.

Page 27	Added “or be easily removed for technician maintenance”.	Vendor requested the hood be allowed to be removed due to the new size of the engine.
Page 27 and throughout	Removed any reference to warranties throughout the manual.	The warranty information is at the front of the manual. No need for redundancy.
Page 29 and throughout	Removed name brands of lights. Changed verbiage to white LED lights.	Allows for possible better brands to be utilized. Companies also change names and go out of business, so this allows for other selections.
Page 31	Moved verbiage from below the table to above the table.	Moved to keep paragraphs together.
Page 30	Added the Ford 7.3L V8 Propane engine.	Additional engine type will be available.
Page 33	Removed the requirement for Non-OAT and changed to manufacturer recommendation.	Engine companies now require OAT in new engines.
Page 34 and throughout	Added “a minimum of” for the body fluid cleanup kit. Removed the “NOTE” and added it into the verbiage of the paragraph.	This allows districts to choose other kits if they choose to do so. It also allows the manufacturer more flexibility when adding them. A separate note was not needed.
Page 36 and throughout	Moved the intrusion test, rack test, and side integrity tests to the back of the manual.	This allows anyone looking for testing to go to one section of the manual vs looking through it for the requirements.
Page 38	Updated emergency door glass to state laminated safety glass	The laminated safety glass was in another area of the manual and also belongs here.
Page 42	Added the option for the hood to be easily removed for technician maintenance. Added electronic stability control.	One of the vendors requested the hood be allowed to be removed due to the bigger size of the engine. All manufacturers have this as standard on all buses.
Page 43	Removed the brand of the fire extinguisher and added minimum requirements.	Allows for other brands that may exceed the standards.

	<p>Added minimum specifications vs. exact specifications for the first aid kit.</p> <p>Added verbiage for the flooring stating “This plate shall not be installed under flooring material.” Changed the floor coloring to black.</p>	<p>This is mimicking the national standards.</p> <p>The specifications required a specific blue color which is no longer available by the named company.</p>
Page 44	Removed the word metal for the floor seams.	There are now nonmetal stripping available.
Page 45	Added the ability for in line shutoff valve vs. bulkhead only.	Allows for the shut off valve to be better placed in some cases.
Page 47 and throughout	Removed name brands and specified “white LED”.	There may be LED lights available that are equal to or better than the current named companies.
Page 48	Added the back-up lamps must be skirt mounted.	If not skirt mounted, it makes it difficult to see the lights around the wheel house.
Page 51	Removed specific company for reflectors.	Allows for equal or better reflectors.
Page 58	<p>Removed specific company for driver seats.</p> <p>Added driver seatbelt shall be orange.</p>	<p>The brands are no longer available.</p> <p>National specification recommendation; it is easier to see drivers have seatbelts on.</p>
Page 68	Removed first aid kit information.	It is the same as the rest of the buses. This section is for exceptions.
Page 80	Added electric school bus specifications.	Electric school buses are not available as an option.
Page 87	<p>Added barrier compartment as an option.</p> <p>Added bus route ID sign as an option.</p>	<p>Districts requested barrier compartment options to assist with keeping the school bus clean and for storage.</p> <p>Bus route ID sign allows for temporary signs to be used in case of a spare bus being used.</p>
Page 88	<p>Removed the electronic stability control from an option to a requirement.</p> <p>Added fire suppression system option and specifications.</p>	<p>Electronic stability control is standard for all manufacturers.</p> <p>With seatbelts on some buses and for the safety of students, option</p>

	Added the cruise control option.	of fire suppression system was added. Some crash mitigation systems require cruise control. Districts would also like this option for long trips.
Page 89	Added the option of undercoating the fuel tank.	Due to rusting issues of the fuel tank, added the option of undercoating it. At this time, not all manufacturers provide this feature.
Page 90	Added trash container and holding device.	Manufacturers now have the ability to install trash cans that will not interfere with the driving area.
Page 100	Added rack testing.	All testing is in one area.
Page 103	Added side construction and intrusion testing and certification.	All testing is in one area.
Page 104	Added Boston burn bag test and heater performance test.	All testing is in one area.