

Page #	Changes	Justification or Reason
Page 1	Removed old logo	Updated to current logo.
Page 2	Updated address. Also updated footer to reference 2018 title.	New 300 Sower Blvd Address. Updated to 2018.
Page 3 - and throughout the manual	Updated all references from 2017 to 2018.	Should be for the 2018 specifications.
Page 12 – and throughout the manual	Updated title of Pupil Transportation Branch to Unit.	Should be Pupil Transportation Unit. They are no longer a branch.
Page 13	<p>Updated verbiage regarding diagnostics provided by the vendor.</p> <p>“ Body and/or chassis suppliers, including integral suppliers, shall provide each school district purchasing school buses with one complete set of the most current service manuals available or access to them electronically at no additional cost during the life of the bus including: Body, Chassis, Engine, Wiring Locator, and Body parts.</p> <p>In order to meet the federal requirement of first level diagnostics, all KY school buses shall be equipped with on-board diagnostics (OBD) which have the ability to identify fault codes for the following components: engine, emissions system, transmission, ABS, body and chassis modules.</p> <p>Body and/or chassis suppliers, including integral suppliers, shall provide training on the</p>	<p>Most first line diagnostics are currently provided electronically in the bus. Requirements of data ports have changed.</p>

	<p>OBD systems at no additional cost to the local district.</p> <p>Each KY School bus shall be equipped with a “Regen” switch and to be mounted in a location that is not accessible to the driver.</p> <p>Body and chassis suppliers shall provide a downloadable version at the local district’s request. Manuals and software shall be shipped on the basis of one complete set per school district with the bus invoice, prior to delivery of the completed school bus.</p> <p>If the new bus data port is incompatible with the previous year’s data cables, or the district has not previously received the needed bus data port cables, the vendor shall supply the appropriate cables, at no additional cost to the district, on the basis of one complete cable per school district.”</p>	
Page 15	Updated the year and the name of the Unit. Also updated committee members.	Updated to 2018 and removed retired committee members and added new committee members.
Page 17	Updated the Gross Axle Weight for type “D” Forward Control to 13,200 lbs from 14,000 lbs.	FMVSS requires an OEM to provide a front axle sufficient to accommodate the load based on the expected vehicle use. If a larger axle is found to be necessary then the larger axle must be installed by the OEM. The use of a 13,200 pound front axle has previously been approved for use on Kentucky school buses.

Page 23 and 29	Revised the engine designations	Cummins has provided technical updates for the labeling of their engines.
Page 25	Removed frame lengths chart and information.	The dimensions from the cowl to other reference points on the chassis vary based on the chassis manufacturer, and are not dimensions which can be changed. Critical dimensions are listed on page 46, which also references Wheelbase, Passenger Capacity, and Rear Axle Overhang
Page 28	Added verbiage to allow other tires.	<p>Due to the constant change in the industry regarding tire availability, additional alternatives in tire brands are needed to ensure availability of tires at the time of production.</p> <p>Additional verbiage reads: Tires other than those listed may be approved by the KDE if extenuating circumstance prevent the availability of approved tires for an OEM. This would require the OEM obtain written permission through KDE with prior approval in writing. The OEM shall provide KDE with chassis supplier’s most recent data book and specifications literature. All tires must pass the required testing.</p>
Page 45	Remove verbiage regarding appendix III.	Appendix III is no longer in the specifications book.
Page 48	Removed Diesel Fuel language and added industry standard.	Industry standard is “Diesel” or “Diesel Only”. Using common fuel identification lettering will eliminate unique lettering requirements for Kentucky school buses, which tends to

		improve quality and reduce costs.
Page 48	Added language for a fuel door interlock switch on Propane buses.	Language reads: A Fuel Door Interlock Switch in the fuel door opening of Propane powered units is required. The interlock must prevent the engine from starting if the fuel door is not securely latched. With the fuel door open the engine will not start, but opening the fuel door with the engine already running, will NOT shut down/cutoff the engine.
Page 48	Removed reference to appendix for the heater valve.	There is no appendix for the heater valve.
Page 57	Updated the mirror style to add the Rosco Open View style mirror or approved equal. "This standard shall be met using Rosco Open View ES, Rosco Eurostyle, AccuStyle or approved equal. These mirrors shall be mounted on an approved manufacturer bracket."	This mirror allows more visibility for drivers.
Page 60	Added clarification for endcaps of rubrails.	Previous specifications did not state whether the endcaps must be yellow or black. We have added the language to allow either color.
Page 61	Removed the requirement for the letters A M W above the seats.	These letters are not necessary and are an added cost to the state of Kentucky. They serve no purpose for safety.
Page 62	Removed the requirement of 1/2 in rubberized insulation for type D buses	The specifications already require that "The school bus shall be so designed to ensure that the inside sound pressure does not exceed eighty-five (85) decibels as measured one (1) inch from the ear of any seated person." The material used to cover the davenport

		shelf should be at the discretion of the manufacturer as needed to meet the performance requirements.
Page 82	12 V Power Source information added	This is already an option, but has not been in the specifications guide. Added verbiage for safety of the power source, “ Installed 12V power sources shall be outside of a compartment and contain a dust cover. The power supply shall only turn on when the vehicle is in the accessory position or on position. It shall not function in any other position.”
Page 87	Added requirements for participation in product pilots.	Clarified requirements of the school districts and vendors for any product that is being piloted in Kentucky. “ All product pilots shall be done at no cost to the State of Kentucky or to a local school district. Any district that wishes to participate in a pilot is required to receive written permission from Kentucky Department of Education Pupil Transportation Unit prior to performing the pilot. A detailed written monthly report shall be provided to the Kentucky Department of Education. At least one school district representative with in-depth knowledge of the pilot must be present at the Kentucky School Bus Specification Meetings to answer questions from the committees. Each vendor of the piloted item must provide an a quarterly report to the Kentucky Department of Education any changes, upgrades, issues or other

		pertinent information regarding the product and its current pilot status. “
Page 97	Updated the minimum horsepower for the propane engine.	The new rated engine horsepower for the Ford propane engine is 320 horsepower.