



## 2018 TAPT Road-e-o Conventional Bus Specifications

Only thing different is the year (17/18 models) – All specifications are the same.

<b>Model Profile</b>	
<b>2018 INTEGRATED CE S BUS (PB105)</b>	
<b>APPLICATION:</b>	School Transportation
<b>MISSION:</b>	Requested GVWR: 29800. Calc. GVWR: 29800 Calc. Start / Grade Ability: 19.38% / 1.28% @ 55 MPH Calc. Geared Speed: 86.9 MPH
<b>DIMENSION:</b>	Wheelbase: 276.00, CA: N/A, Axle to Frame: 139.00
<b>ENGINE, DIESEL:</b>	{Cummins ISB 220} EPA 10, 220 HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 220 Peak HP (Max) School Bus Only
<b>TRANSMISSION, AUTOMATIC:</b>	{Allison 2500_PTS} 5th Generation Controls; Wide Ratio, 5-Speed, With Overdrive; Less PTO Provision, Less Retarder, With 33,000-lb GVW & GCW Max. School Bus
<b>CLUTCH:</b>	Omit Item (Clutch & Control)
<b>AXLE, FRONT NON-DRIVING:</b>	{Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity
<b>AXLE, REAR, SINGLE:</b>	{Dana Spicer 19060S} Single Reduction, 19,800-lb Capacity, 190 Wheel Ends Gear Ratio: 4.88
<b>TIRE, FRONT:</b>	(2) 11R22.5 G661 HSA (GOODYEAR) 497 rev/mile, load range G, 14 ply
<b>TIRE, REAR:</b>	(4) 11R22.5 G661 HSA (GOODYEAR) 497 rev/mile, load range G, 14 ply
<b>SUSPENSION, REAR, AIR, SINGLE:</b>	{International} Ride Optimized Suspension (IROS); 21,000-lb Capacity, 9.25" Ride Height, With Shock Absorbers
<b>PAINT:</b>	Cab schematic 100NB Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A