

**When Every Stop Matters,
Start With Reliability**

Revolutionary Technology Meant to Last

When Allison Transmission first introduced our fully automatic transmissions nearly 70 years ago, we immediately revolutionized school bus transportation by providing unmatched reliability—meaning lower maintenance costs, comfortable travel and more time on the road.

Our patented Continuous Power Technology™ delivers smoother, seamless, full-power shifts and superior acceleration and startability. Each shift is made automatically when appropriate, allowing drivers to precisely manage performance and exercise superior vehicle control.

Moving Your Precious Cargo

Drivers and riders benefit from Allison's unmatched features. Drivers experience maximum comfort behind the wheel. With automatic shifting, drivers can concentrate on the job at hand and are more alert and focused with increased control and smoother shifts. Allison sets the curve for delivering reliable, durable school bus propulsion solutions that won't let you down. When it comes to getting students to and from school, trust an Allison Transmission. Allison works with you to specify the right transmission and programming to meet your needs.



2000 Series™

Leading for
70 Years

Blue Bird
2000 Series™





The Choice is Yours

Our innovative portfolio allows our transmissions to pair seamlessly with any fleet, whether fueled by diesel, CNG, propane or gasoline. Plus, our investments in fully electric propulsion technologies mean we'll be ready to partner with you on your path to eco-friendly, full electrification.

We've Got You Covered

We're confident our transmissions are built to last. With industry-leading transmission coverage of seven years unlimited miles on select models, your fleet stays protected longer with lower maintenance costs.

Make the Grade with Increased Fuel Savings

Through a set of proprietary software enhancements, Allison's FuelSense® 2.0 with DynActive® Shifting puts your fleet in position to maximize performance and fuel savings. Our Neutral at Stop feature cuts fuel use and emissions by reducing or eliminating engine load when the vehicle is not moving, and Acceleration Rate Management mitigates aggressive driving by tailoring shift points to your desired specifications.

UP TO 6% FUEL SAVINGS

Easily Monitor Fluids + Filters



Reduced Wear on Brakes



Fail-Safe + Reliable

Features That Matter

Integral Retarder¹

The integral retarder helps buses slow down with less wear on the braking system. This results in greater control, maneuverability and optimized driving performance while minimizing brake usage.

Fail-Safe

Each Allison transmission is equipped with fail-safe controls. In the rare event of a failure, the transmission is designed to stay in gear, which allows a driver to move the bus out of harm's way while waiting for assistance to arrive.

Prognostics

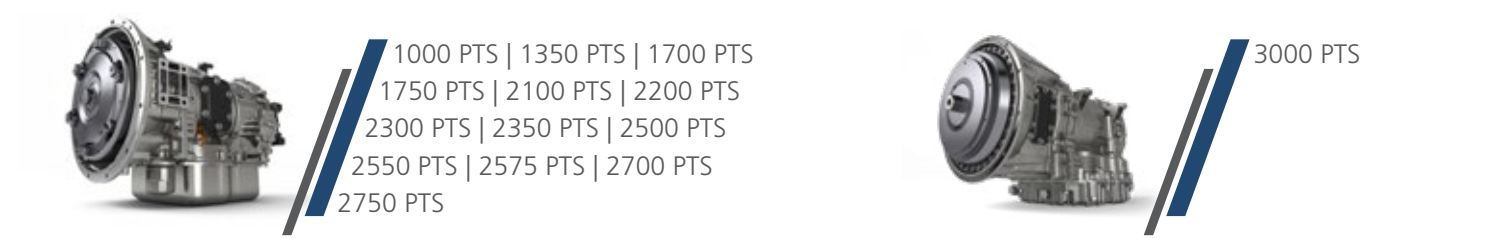
Allison prognostics monitor various operating parameters to determine and alert when service is due. This eliminates unnecessary fluid and filter changes and provides maximum transmission protection.

1 - Integral retarder only available on 3000 PTS.

Pupil Transport Series™ Ratings

Model	Ratio	Park Pawl	Gross Input Power	Gross Input Torque	Net Turbine Torque	Gross Input Power	Gross Input Torque	Net Turbine Torque	Max GVW	Max GCW
			With Torque Management			Without Torque Management				
			hp (kW)	lb-ft (N•m)	lb-ft (N•m)	hp (kW)	lb-ft (N•m)	lb-ft (N•m)	lbs (kg)	lbs (kg)
1000 PTS¹ - School Bus	Close	Yes	300 (224)	660³ (895)³	950 (1288)	300 (224)	550 (746)	850 (1152)	19,500 (8845)	26,000 (11,800)
1000 PTS¹ - Shuttle Bus	Close	Yes	300 (224)	565³ (766)³	950 (1288)	300 (224)	550 (746)	850 (1152)	19,500 (8845)	26,000 (11,800)
1350 PTS¹ - School Bus	Close	Yes	300 (224)	660³ (895)³	950 (1288)	300 (224)	550 (746)	850 (1152)	19,500 (8845)	30,000 (13,600)
1350 PTS¹ - Shuttle Bus	Close	Yes	300 (224)	660³ (895)³	950 (1288)	300 (224)	550 (746)	850 (1152)	19,500 (8845)	30,000 (13,600)
1700 PTS⁵	Close	Yes	350 (261)	700 (950)	950 (1288)				19,500 (8845)	26,000 (11,800)
1750 PTS⁵	Close	Yes	350 (261)	700 (950)	950 (1288)				19,500 (8845)	37,500 (17,010)
2100 PTS¹ - School Bus	Close	No	300 (224)	660³ (895)³	950 (1288)	300 (224)	550 (746)	850 (1152)	26,000 (11,800)	26,000 (11,800)
2100 PTS¹ - Shuttle Bus	Close	No	300 (224)	565³ (766)³	950 (1288)	300 (224)	550 (746)	850 (1152)	26,000 (11,800)	26,000 (11,800)
2200 PTS¹ - School Bus	Close	Yes	300 (224)	660³ (895)³	950 (1288)	300 (224)	550 (746)	850 (1152)	26,000 (11,800)	26,000 (11,800)
2200 PTS¹ - Shuttle Bus	Close	Yes	300 (224)	565³ (766)³	950 (1288)	300 (224)	550 (746)	850 (1152)	26,000 (11,800)	26,000 (11,800)
2300 PTS²,⁴	Close	No	365 (272)	510 (691)	950 (1288)				33,000 (15,000)	33,000 (15,000)
2350 PTS¹,²	Close	Yes	300 (224)	660 (895)	950 (1288)	300 (224)	550 (746)	850 (1152)	30,000 (13,600)	30,000 (13,600)
2500 PTS¹,²	Wide	No	300 (224)	660³ (895)³	950 (1288)	300 (224)	550 (746)	850 (1152)	33,000 (15,000)	33,000 (15,000)
2550 PTS¹,²	Wide	Yes	300 (224)	660 (895)	950 (1288)	300 (224)	550 (746)	850 (1152)	30,000 (13,600)	30,000 (13,600)
2575 PTS²	Wide	Yes	300 (224)	660 (895)	950 (1288)	300 (224)	550 (746)	850 (1152)	33,000 (15,000)	33,000 (15,000)
2700 PTS⁵	Close	Yes	350 (261)	700 (950)	950 (1288)				23,500 (10,660)	26,000 (11,800)
2750 PTS⁵	Close	Yes	350 (261)	700 (950)	950 (1288)				23,500 (10,660)	37,500 (17,010)
3000 PTS - School Bus	Close	No				300 (224)	950 (1288)	1470 (1995)	-	-
3000 PTS - Shuttle Bus	Close	No				300 (224)	950 (1288)	1470 (1995)	33,000 (15,500)	33,000 (15,500)

1 - Available with xFE. 2 - Available for School Bus applications only. 3 - Check with your OEM to ensure offerings. 4 - Only available with gasoline-powered engine applications. 5 - Available in the Chevrolet Silverado 4500HD/ 5500HD/ 6500HD + Navistar CV Series.



Pupil Transport Series™ Physical Description

Base Model	Vocation	Length¹	Depth² w/Deep Oil Pan/Sump	Depth² w/Shallow Oil Pan/Sump	Dry Weight
		in (mm)	in (mm)	in (mm)	lbs (kg)
1000/2000³					
SAE No. 3 mounting	PTS	28.01 (711.4)	11.22 (285.1)	10.71 (272.0)	323 (146.5)
SAE No. 2 mounting	PTS	28.39 (721.1)	11.22 (285.1)	10.71 (272.0)	323 (146.5)
3000					
Basic model	PTS⁴	28.30 (718.7)	12.90 (327.7)	11.14 (283.0)	535 (243)
With PTO only	PTS⁴	32.50 (825.4)	12.90 (327.7)	11.14 (283.0)	575 (261)
With retarder only	PTS⁴	28.29 (718.5)	12.90 (327.7)	11.14 (283.0)	615 (279)
With PTO + retarder	PTS⁴	32.49 (825.4)	12.90 (327.7)	11.14 (283.0)	655 (298)

1 - Length measured from flywheel housing to end of output shaft. 2 - Depth measured below transmission centerline. 3 - 2000 SP – Only 2000 model available with shallow oil pan. 4 - 3000 HS, RDS, PTS – Available with deep oil pan only.

Gear Ratios Torque Converter Multiplication Not Included

Model	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Reverse	2nd Reverse
1000¹/1350¹/2100¹ 2200¹/2300¹/2350	3.10:1	1.81:1	1.41:1	1.00:1	0.71:1	0.61:1²	—	-4.49:1	—
1700/1750/ 2700/2750	3.10:1	1.81:1	1.41:1	1.00:1	0.71:1	0.61:1²	—	-4.49:1	—
2500¹/2550¹/2575	3.51:1	1.90:1	1.44:1	1.00:1	0.74:1	0.64:1²	—	-5.09:1	—
3000	3.49:1	1.86:1	1.41:1	1.00:1	0.75:1	0.65:1	—	-5.03:1	—

1 - Available with xFE. 2 - Check with your OEM to ensure offerings.

Features + Advantages

Shift Energy Management (SEM) with torque limiting
Ratings up to 300 hp/660 lb-ft on 1000, 1350, 2100, 2200, 2350, 2500, 2550, 2575 PTS
Ratings up to 365 hp/510 lb-ft on 2300 PTS
Ratings up to 350 hp/700 lb-ft on 1700, 1750, 2700, 2750 PTS
Ratings up to 300 hp/950 lb-ft on 3000 PTS

DynActive® Shifting
New innovative shift scheduling uses an algorithm to choose the most efficient shift point based on specs, vehicle and environmental parameters.

Neutral at Stop
Automatically eliminates the transmission load on the engine when the vehicle is at a full stop to save fuel and reduce overall vehicle emissions.

Acceleration Rate Management
Mitigates aggressive driving by controlling engine torque based on the vehicle's grade and load.

Prognostics
Eliminates unnecessary oil and filter changes by monitoring various operating parameters to determine and alert when a specific maintenance function is required.



A World of Support

From our headquarters in Indianapolis, Indiana, USA, to our manufacturing plants in Hungary and India, to more than 1,400 Allison Authorized Distributors and Dealers around the globe, you are never far from the products, training, service and support you demand.

Our support starts from the moment an Allison transmission is specified. We work with you to ensure that the model and ratings fit your engine to create a tailored package of powerful performance and reliable efficiency. When you need parts or service, you can count on global access to factory-trained specialists and Allison Genuine Parts™.

Our Promise

Provide the most reliable and valued propulsion solutions in the world to enable our customers to work more efficiently.

- 100+ years of engineering advanced propulsion solutions
- Trusted by more than 350 OEMs worldwide
- A strong history of innovation with more than 1,100 patents
- Over seven million fully automatic transmissions delivered

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