Reliability Where You Need It Most









Best In Class

Allison Transmission has built a reputation on our ability to manufacture transmissions that last. Allison Automatics are commercial-duty transmissions designed to withstand the rigors of heavy-duty usage and engineered to meet the demands of your particular fleet while providing outstanding value.

APPROXIMATE RESALE VALUE OF A MEDIUM-DUTY VEHICLE EQUIPPED WITH AN ALLISON TRANSMISSION IS UP TO \$2,600 HIGHER WHEN COMPARED

TO A MEDIUM-DUTY VEHICLE EQUIPPED WITH A FORD® AUTOMATIC TRANSMISSION BASED ON DATA FROM THE APRIL 2014 TRUCK BLUE BOOK

Industry-Leading Heritage

Student safety starts with durable, reliable transportation. When we introduced our fully automatic transmission, we immediately revolutionized school bus transportation by adding unmatched reliability to driver and student comfort.

Today, nearly all large school buses in the U.S. are equipped with Allison transmissions. And thanks to superior reliability, durability and improved safety, a growing number of school systems around the world rely on Allison.

More Control

Allison offers several model choices, giving you ultimate control over selecting the features and power you need.

Purchasing the right automatic transmission to transport your precious cargo is an important decision. With an Allison, not only are you choosing the industry leader, but you are choosing the transmission that has been proven for decades to work in the school bus industry.

Allison understands the importance of providing its customers with dependable and durable products that are easy and cost-effective to maintain year after year.

Allison Advantages

- Continuous Power Technology™ increases performance and productivity in stop-and-go traffic, even with lower-rated engines
- Easy maintenance reduces downtime and costs with extended product life
- Helical gear design lowers noise emissions
- Greater safety and passenger comfort increase driver satisfaction
- Unmatched and proven reliability in school buses for decades
- Improved fuel-efficient operation with FuelSense® packages
- The Allison Pupil Transport Series™ transmission comes with up to a five year warranty

"Allison has been a dependable transmission for us."

Enoch Long

Fleet Manager of San Diego **Unified School District**



THE ALLISON ADVANTAGE IS OBVIOUS

vs.

FORD® 6R140 - UNPROVEN

ALLISON 2000 SERIES™ - PROVEN

ALLISON 3000 SERIES™ - PROVEN

Ford® Shaft

- 1.16" diameter
- 18.20" overall component length



Allison Shaft

- 1.26" diameter
- 13.61" overall component length



strength and reliability vs. Ford®



• 11.40" overall component length

Shorter, sturdier shaft has increased strength and reliability vs. Ford®

Ford® Smallest Clutch

- 110.57 sa. in. of clutch material
- 7 plates



Allison C1 Smallest Clutch • 119.73 sa. in. of

- clutch material
- 7 plates

Allison 2000 Series™ has 8.3% more clutch material vs. Ford® for better holding force and delivering more power to the drive wheels

• 192 sq. in. of

- clutch material
- 6 plates



Allison 3000 Series[™] has 73.6% more clutch material vs. Ford® for better holding force and delivering more power to the drive wheels

Ford® Clutch (used to hold 1st gear)

- 127.82 sq. in. of clutch material
- 5 plates



Allison C5 Clutch

- 184.29 sq. in. of clutch material
- 5 plates



44.2% more clutch material vs. Ford® which holds 1st gear and lasts longer • 354.30 sq. in. of clutch material

7 plates



Almost 3x more clutch material vs. Ford® which holds 1st gear and lasts longer in the toughest operation

Ford® Park Pawl

- 0.41" thick, 0.58 lb.
- Stamped process



Allison Park Pawl

in the toughest operation

- 0.71" thick, 1 lb.
- Wrought steel forging process



Heavy-duty park pawl better secures vehicle when you need it most

Park pawl on 3000 Series™ not applicable due to vehicle requirements

It's no coincidence that Allison fully automatic transmissions last longer and perform better than transmissions from other manufacturers. Our patented torque converter moves power smoothly from the engine to the drivetrain, reduces engine stress and is more comfortable for drivers and students alike. And with no mechanical clutches to wear out or adjust, your bus can stay on the route longer, doing what it's meant to do...get kids to and from school.







Information or specifications subject to change without notice or obligation.

SA7469EN (2014/09) ISO/QS 9000 and ISO 14001 Certified



