



Wheeled Vehicle Applications



Answering the Call

## Mission Critical

The field is changing. Yesterday's ideas and technologies don't always meet the needs of today's forces. In a world of uncertainty, you can count on Allison Transmission to make sure you and your team are prepared. We work with you to put reliable power in your crews' hands, and we're developing new ways to keep your troops on the move and your forces supplied with the power they need...no matter where the mission leads.



## A Culture of Innovation

When performance matters most, Allison is up to the challenge. For more than 70 years, we have been working with our military partners to get propulsion solutions for ground vehicles from concept to the field. Even with today's accelerated time frames, we continue to strengthen forces around the world in more than 100 different applications.

For over 40 years, the U.S. Army has utilized Allison's fully automatic transmission for nearly all of its medium- and heavy-tactical and combat wheeled vehicles. The ease of operation, superior reliability, increased fuel economy and lower cost of ownership make Allison the right choice.

## Driven to Succeed

By making driving less physically taxing, each Allison Automatic enables crews to better concentrate on the mission. Commanders note that this decrease in fatigue makes drivers in the field more alert and focused on mission objectives. In addition, the ease of operation neutralizes driver inexperience and greatly reduces training costs.

## Outperforms Manuals and AMTs When You Need It Most

An Allison Automatic makes the right shift at the right time for faster starts, greater control, better maneuverability and exceptional driveline protection. Unlike manual and automated manual transmissions (AMTs), there are no power interrupts with Allison Automatics, just smooth, seamless full-power shifts.

The heavy-duty Allison torque converter helps make an Allison Automatic the most effective, efficient and productive commercial transmission in the world. Increased performance, greater operating flexibility and virtually no rollback are all advantages provided by the torque converter.

Combined with advanced electronic controls, an Allison fully automatic creates:

- Constant power to the wheels
- Smoother, quicker acceleration
- Superior startability on soft ground
- Increased maneuverability
- Improved vehicle performance regardless of terrain, grade or climate



More than  
**600,000**  
transmissions in more than  
**100** defense  
applications

## Ready to Join Forces

Allison works with you to develop and deliver innovative propulsion solutions that meet your needs and vehicle requirements. Our goal is to consistently provide the unmatched reliability, improved mission readiness and decreased operation and support costs that you have come to expect from Allison.

As a global leader in heavy-duty commercial propulsion technology, we are able to leverage our commercial technologies and adapt them for military vehicle markets to create products that deliver an outstanding combination of quality and value. We have produced more defense transmissions than all of our Western European competitors combined, and our extensive global distribution and service network makes working together easy.

# A World of Support

From our headquarters in Indianapolis, Indiana, USA, to our manufacturing plants in Hungary and India, to approximately 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™.



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