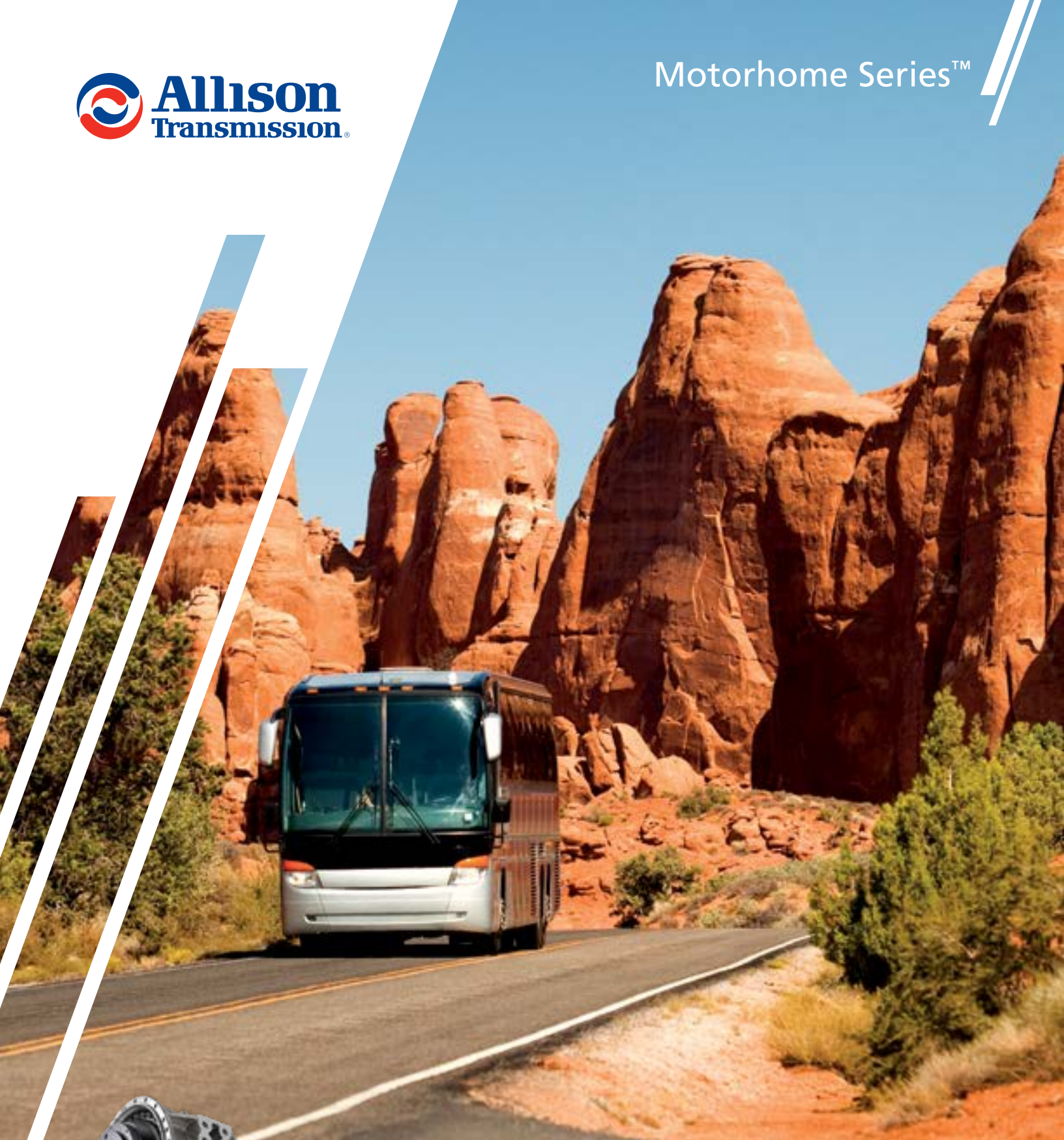




Motorhome Series™



Driving is Half the Fun



Reliable + Efficient Operation

Allison transmissions are designed to deliver unrivaled reliability and durability while helping to protect the vehicle driveline. Engineered for reliable operation, an Allison keeps your rig out of the shop so you can spend more time on the road.

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

Maintenance Made Easy

A fully automatic transmission from Allison Transmission is the best way to keep your rig on the road while reducing total cost of ownership. With extended periods between maintenance and a proven track record of reliability, Allison puts you in control of your schedule and your budget.

Driver Benefits

Once behind the wheel of an Allison fully automatic-equipped vehicle, drivers are more alert and in tune with the vehicle. Whether you are a first-time RV owner or have been driving motorhomes for a while, you'll appreciate the precise shift points, enhanced maneuverability and smooth operation. When equipped with an Allison 3000 or 4000 Series™ transmission, the only limit from gross combination weight (GCW) is your chassis.

Comprehensive Coverage

All Allison Motorhome Series™ models offer two-year Standard Warranty with 100% parts and labor. An additional three years of Extended Coverage is also available. Coverage may vary by model, and details are subject to change. Contact your Allison Sales Representative or an Authorized Dealer or Distributor for more information.

For Those Who Love the Road

Allison transmissions provide RV and Motorhome owners with impressive fuel efficiency and a smooth, comfortable ride. Allison Motorhome Series™ automatic transmissions deliver more power and control to the wheels while getting the most from their engines. Smooth shifting keeps passengers at ease, and each model is designed to provide enhanced performance and exceptional value. Whatever your travel plans, there's an Allison Automatic ready to help you reach your destination.



The Power of the Torque Converter

Allison's torque converter smoothly multiplies engine torque, delivering more power to the wheels. By multiplying the engine power, drivers get increased performance, faster acceleration and greater operational flexibility. An Allison fully automatic transmission increases power, while a manual or automated manual transmission (AMT) loses power with every shift. An Allison Automatic eliminates power interrupts so you can accomplish more, even with a smaller engine.

Keeping Your RV Headed in the Right Direction

Allison fully automatic transmissions are known for reliable performance. Allison 6th Generation Electronic Controls feature easy-to-read graphic displays so you're clear on vehicle operation. Built-in Allison prognostics take the guesswork and hassle out of scheduling routine vehicle maintenance to save you time and money while providing maximum protection for the transmission. This means less downtime and lower lifecycle costs for your motorhome.

Calibrated to the vehicle's particular operating requirements, Allison prognostics monitor various operating parameters to determine and alert when service is due. When you use Allison approved TES 668[®] transmission fluid, you get maximum protection and operational performance.





Total Cost of Ownership

When you factor in all lifecycle costs (vehicle purchase price, fuel, tires, preventive maintenance, component repair and retail resale value) an Allison Automatic-equipped vehicle costs less per mile* to operate than a comparable competitively equipped vehicle.

More Fuel Efficient With xFE

With xFE, Allison has taken fuel economy to the next level. xFE is another in a string of innovative, fuel-saving ideas from Allison. New gear ratios allow the torque converter to lock up at lower speeds, improving fuel economy up to seven percent in xFE-equipped vehicles.

This seven percent improvement in fuel economy is in addition to the already greater efficiency created by Allison’s FuelSense® 2.0 with DynActive® Shifting, a unique package of software and electronics controls that supports an advanced array of features. The combination of these packages provides a substantial fuel economy advantage.

*Results may vary depending on your operating conditions.

Typical Vehicle Applications*

Type A and Bus Conversion Motorhomes (Class 5-8), Type C Motorhomes (Class 4-5), Motorhomes, Entertainer Travel Coaches



1000 MH | 1350 MH
1700 MH | 1750 MH
2100 MH | 2200 MH
2350 MH | 2500 MH
2550 MH | 2700 MH
2750 MH



3000 MH



4000 MH

*Class 6-8 Type C Motorhomes require a Truck RV Series™ transmission.

Allison Transmission Motorhome 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 MH¹	Close	Yes	340² (254)²	660² (895)²	950 (1,288)	300 (224)	575 (780)	850 (1,152)	22,000 (10,000)	26,000 (11,800)
1350 MH¹	Close	Yes	340² (254)²	660² (895)²	950 (1,288)	300 (224)	575 (780)	850 (1,152)	22,000 (10,000)	30,000 (13,600)
1700 MH⁴	Close	Yes	350 (261)	700⁴ (950)⁴	950 (1,288)	-	-	-	19,500 (8,845)	26,000 (11,800)
1750 MH⁴	Close	Yes	350 (261)	700⁴ (950)⁴	950 (1,288)	-	-	-	19,500 (8,845)	37,500 (17,010)
2100 MH¹	Close	No	340 ^{2.5} (254) ^{2.5}	660³ (895)³	950 (1,288)	300 (224)	575 (780)	850 (1,152)	26,000 (11,800)	30,000 (13,600)
2200 MH¹	Close	Yes	340 ^{2.5} (254) ^{2.5}	660³ (895)³	950 (1,288)	300 (224)	575 (780)	850 (1,152)	26,000 (11,800)	26,000 (11,800)
2350 MH¹	Close	Yes	340 ^{2.5} (254) ^{2.5}	660³ (895)³	950 (1,288)	300 (224)	575 (780)	850 (1,152)	30,000 (13,600)	30,000 (13,600)
2500 MH¹	Wide	No	340 ^{2.5} (254) ^{2.5}	660³ (895)³	950 (1,288)	300 (224)	575 (780)	850 (1,152)	33,000 (15,000)	33,000 (15,000)
2550 MH¹	Wide	Yes	340 ^{2.5} (254) ^{2.5}	660³ (895)³	950 (1,288)	300 (224)	575 (780)	850 (1,152)	30,000 (13,600)	30,000 (13,600)
2700 MH⁴	Close	Yes	350 (261)	700⁴ (950)⁴	950 (1,288)	-	-	-	23,500 (10,660)	26,000 (11,800)
2750 MH⁴	Close	Yes	350 (261)	700⁴ (950)⁴	950 (1,288)	-	-	-	23,500 (10,660)	37,500 (17,010)
3000 MH	Close	No	-	-	-	450 (336)	1,250 (1,695)	1,700 (2,305)	-	-
4000 MH	Close	No	-	-	-	650 (485)	1,950 (2,644)	2,800 (3,795)	-	-

1 - Available with xFE 2 - Check with your OEM to ensure offerings 3 - Available in gears three through five
4 - Available in the Chevrolet Silverado 4500HD/ 5500HD/ 6500HD + Navistar CV Series 5 - xFE models are limited to an input torque of 660 lbft

Motorhome Series™ Features and Advantages

Shift Energy Management (SEM) with torque limiting

Ratings up to 340 hp/660 lb-ft on 1000 and 1350 MH.
Ratings up to 340 hp/700 lb-ft on 2100, 2200, 2350, 2500 and 2550 MH.

PTO option available

All Motorhome Series™ models.

Deep oil sump/pan standard

Shallow pan option available on 1000 MH.

Oil Level Sensor

At the push of a button, oil levels are displayed on shift selectors for easy identification. Standard on 3000 and 4000 MH.

Prognostics

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

Neutral at Stop

Automatically eliminates the 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.

DynActive® Shifting

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

Integral Retarder

Helps the vehicle slow down with less wear on the braking system. This results in greater control, maneuverability and optimized driving while minimizing brake usage. *Optional feature on the 3000 MH and 4000 MH.

A World of Support

From our headquarters in Indianapolis, Indiana, USA, to our manufacturing plants in Hungary and India to approximately 1,600 Allison Authorized Distributors and Dealers around the globe, you are never far from the products, training, service and support they demand.



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Information or specifications subject to
change without notice or obligation.

allisontransmission.com

SA9214EN (2024/09)

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