

Feel At Home

With An Allison Automatic



Motorhome Series™





For Those Who **Love To Drive**

For decades, Allison transmissions have provided RV and motorhome owners with proven reliability and durability, impressive fuel efficiency and a smooth, safe ride. Allison Motorhome Series™ automatic transmissions deliver more power and control to the wheels while getting the most from their engines. Each model is designed to provide enhanced performance and exceptional value. Whatever your travel plans, there's an Allison Automatic to help you reach your destination.

Reliable + Efficient Operation

Allison transmissions are designed to deliver unrivaled reliability and durability while helping to protect vehicle driveline. By engineering and manufacturing reliable, fully automatic transmissions, our customers experience reduced maintenance 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.



Maintenance **Made Easy**

A fully automatic transmission from Allison Transmission, a trusted brand around the world, is the best way to keep your motorhome 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 motorhome and of 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, leading to increased driver retention and increased safety on the roads. Even experienced drivers benefit from more precise, safer handling and improved comfort. When equipped with an Allison 3000 or 4000 Series™ transmission, the only limit for 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 transmission coverage is also available. Coverage may vary by model and details are subject to change. Please contact your Allison Sales Representative or an Allison Authorized Dealer or Distributor for more information.



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.

Fully Automatic Advantage

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.



Keep Your RV Going In The Right Direction

Allison fully automatic transmissions are known for reliable performance. Prognostic features are built into every transmission, making it even easier to keep your motorhome up and running. Allison 5th Generation Electronic Controls shift selectors feature easy-to-read graphic displays that show both text and symbols. 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 life-cycle 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 295® transmission fluid, you get maximum protection and operational performance.

Total Cost Of Ownership

When you factor in all life cycle costs (vehicle purchase price, fuel, tires, preventive maintenance, component repair and retail resale value), an Allison Automatic-equipped vehicle costs less per mile¹ 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®, a unique package of software and electronic controls that supports an advanced array of features. The combination of these packages provides a substantial fuel economy advantage.



ALLISON TRANSMISSION MOTORHOME SERIES™

RATINGS									
MODEL	SERIAL NUMBER	RATIO	PARK PAWL	MAX INPUT POWER ¹	MAX INPUT TORQUE ¹	MAX INPUT TORQUE w/SEM TORQUE LIMITING ^{1,2}	MAX TURBINE TORQUE ³	MAX GVW	MAX GCW
				hp (kW)	lb-ft (N•m)	lb-ft (N•m)	lb-ft (N•m)	lbs (kg)	lbs (kg)
1000 MH	6310 MH	Close Ratio	Yes	340 ^{4,5} (254) ^{4,5}	575 (780)	660 ^{4,5} (895) ^{4,5}	950 ⁴ (1288) ⁴	22,000 (10,000)	26,000 (11,800)
1000 MH xFE	6310 MH	Close Ratio	Yes	340 ^{4,5} (254) ^{4,5}	575 (780)	660 ^{4,5} (895) ^{4,5}	950 ⁴ (1288) ⁴	22,000 (10,000)	26,000 (11,800)
1350 MH	6310 MH	Close Ratio	Yes	340 ^{4,5} (254) ^{4,5}	575 (780)	660 ^{4,5} (895) ^{4,5}	950 ⁴ (1288) ⁴	22,000 (10,000)	30,000 (13,600)
1350 MH xFE	6310 MH	Close Ratio	Yes	340 ^{4,5} (254) ^{4,5}	575 (780)	660 ^{4,5} (895) ^{4,5}	950 ⁴ (1288) ⁴	22,000 (10,000)	30,000 (13,600)
2100 MH	6310 MH	Close Ratio	No	340 ^{4,5} (254) ^{4,5}	575 (780)	700 ^{4,7} (950) ^{4,7}	950 ⁴ (1288) ⁴	26,000 (11,800)	30,000 (13,600)
2100 MH xFE	6310 MH	Close Ratio	No	340 ^{4,5} (254) ^{4,5}	575 (780)	700 ^{4,7} (950) ^{4,7}	950 ⁴ (1288) ⁴	26,000 (11,800)	30,000 (13,600)
2200 MH	6310 MH	Close Ratio	Yes	340 ^{4,5} (254) ^{4,5}	575 (780)	700 ^{4,7} (950) ^{4,7}	950 ⁴ (1288) ⁴	26,000 (11,800)	26,000 (11,800)
2200 MH xFE	6310 MH	Close Ratio	Yes	340 ^{4,5} (254) ^{4,5}	575 (780)	700 ^{4,7} (950) ^{4,7}	950 ⁴ (1288) ⁴	26,000 (11,800)	26,000 (11,800)
2350 MH	6310 MH	Close Ratio	Yes	340 ⁴ (254) ⁴	575 (780)	700 ^{4,7} (950) ^{4,7}	950 ⁴ (1288) ⁴	30,000 (13,600)	30,000 (13,600)
2350 MH xFE	6310 MH	Close Ratio	Yes	340 ⁴ (254) ⁴	575 (780)	700 ^{4,7} (950) ^{4,7}	950 ⁴ (1288) ⁴	30,000 (13,600)	30,000 (13,600)
2500 MH	6310 MH	Wide Ratio	No	340 ^{4,5} (254) ^{4,5}	575 (780)	700 ^{4,5,6} (950) ^{4,5,6}	950 ⁴ (1288) ⁴	33,000 (15,000)	33,000 (15,000)
2500 MH xFE	6310 MH	Wide Ratio	No	340 ^{4,5} (254) ^{4,5}	575 (780)	700 ^{4,5,6} (950) ^{4,5,6}	950 ⁴ (1288) ⁴	33,000 (15,000)	33,000 (15,000)
2550 MH	6310 MH	Wide Ratio	Yes	340 ⁴ (254) ⁴	575 (780)	700 ^{4,7} (950) ^{4,7}	950 ⁴ (1288) ⁴	30,000 (13,600)	30,000 (13,600)
2550 MH xFE	6310 MH	Wide Ratio	Yes	340 ⁴ (254) ⁴	575 (780)	700 ^{4,7} (950) ^{4,7}	950 ⁴ (1288) ⁴	30,000 (13,600)	30,000 (13,600)
3000 MH	6510 MH	Close Ratio	N/A	450 (336)	1250 (1695)	N/A	1700 (2305)	—	—
4000 MH	6610 MH	Close Ratio	N/A	650 (485)	1950 (2644)	N/A	2800 (3795)	—	—

1 Gross ratings as defined by ISO 1585 or SAE J1995. 2 SEM = engine controls with Shift Energy Management. 3 Turbine torque limit based on ISCAAN standard deductions. 4 SEM and torque limiting are required to obtain this rating. 5 Check with your OEM to ensure offerings. 6 Available in gears three through five. 7 With 5th Gen controls. In ranges three through five.

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.

TYPICAL VEHICLE APPLICATIONS

Type A and Bus Conversion
Motorhomes Class 5–8

Type C Motorhomes Class 4–5

Motorhomes

Entertainer Travel Coaches

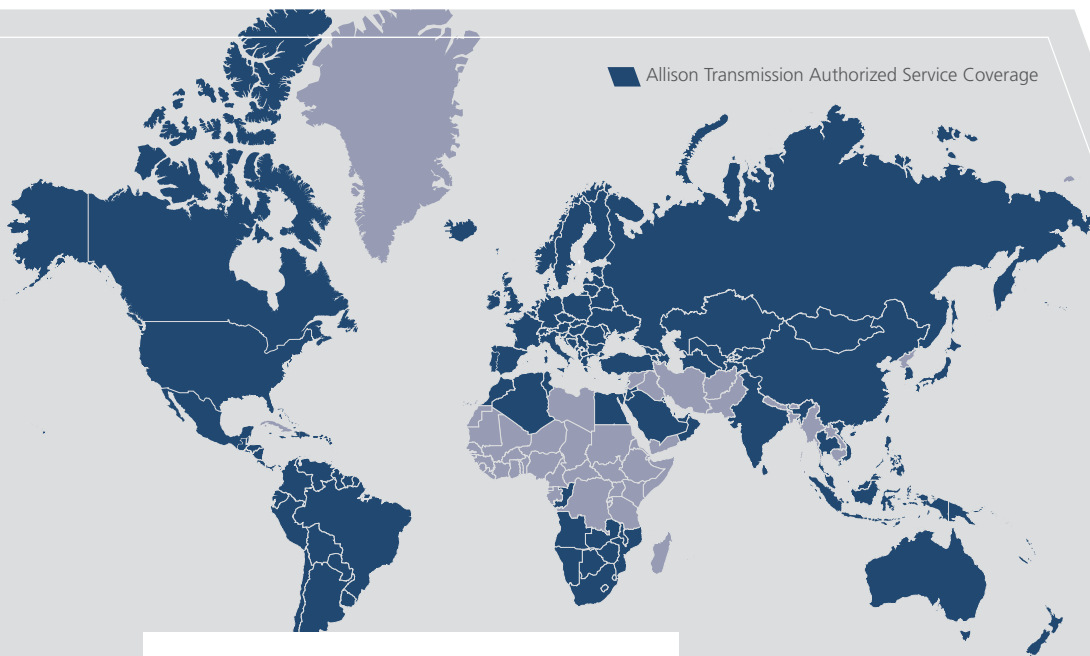
Class 6–8 Type C Motorhomes require
Truck RV Series™



1000 MH, 1350 MH,
2100 MH, 2200 MH,
2350 MH, 2500 MH,
2550 MH

3000 MH

4000 MH



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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allisontransmission.com

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