



INTRODUCING TIFFIN'S NEW POWERGLIDE CHASSIS. IMPRESSIVE DOESN'T DO IT JUSTICE.

Introducing an entirely new chassis, custom-designed by the craftsmen at Tiffin Motorhomes. The PowerGlide will offer improved value through superior performance, reliability, serviceability, and customization for use in Tiffin products.

CHASSIS FEATURES

- Fleetguard ES Complete Extended Life Engine Coolant
- Allison TranSynd Transmission Fluid
- Orscheln Color Coded Dip Sticks
- WABCO 18.7 CFM Air Compressor
- Fleetguard Fuel/Water Separator w/WIF Sensor
- Remote Mounted Fuel Filters For Serviceability
- Air Filter Restriction Indicator
- 1000 Watt In-Block Heater
- Compression Brake By Jacobs (3,6)
- Seltec 10 Cubic Inch R-134A - A/C Compressor
- Electronic Cruise Control With High Idle
- Douglas Tilt/Telescoping Adjustable Steering Column
- VIP Leather Wrapped 18" Smart Wheel
 - w/Wiper Controls, ICC, Cruise & High Beam
- Teleflex Adjustable Gen II Suspended Pedals
- Air Suspension Featuring Tuthill
 - Bilstein Custom Tuned Shocks
 - 4 Haldex Pneumatic Ride Height Valves
- Michelin XZA H Rated Tires
- Polished Aluminum Wheels w/Trim Kit
- Haldex PURest Air Dryer W/Auto Moisture Ejector
- Day Time Running Lights
- Two Interstate 950CCA Maintenance-Free Batteries
- R-134A Air Conditioning Condenser
- Push Button Shift Control
- Powder-Coated Bracketry
- Air And Electric Horn Ready
- Auxillary Air Supply Front And Rear
- Audible Turn Signals
- Actia Electronic Gauges w/LCD Msg Center
- Vansco Multiplexed Electrical System
- Cruise Control & Low Coolant Level on Light Bar
- Electronic Air Suspension Deflation System
- Parker-Eco Air Cleaner
- Dual Fill 150 Gallon Fuel Tank
- Tow Power w/7-Way Trailer Plug
- A/C Condenser Integrated Into Radiator Package
- Hobbs Remote Rear Service Lamp

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ALLEGRO BUS ON POWERGLIDE® CHASSIS

ENGINE	CUMMINS ISL 8.9L DIESEL, TURBOCHARGED, AFTERCOOLED
Peak HP	425 HP @ 2000 rpm
Peak Torque	1200 lb-ft @ 1300 rpm
TRANSMISSION	ALLISON ELECTRONIC 3000 MH 6-SPEED AUTOMATIC w/2 OVERDRIVE GEARS
SHIFTER	KEYPAD ELECTRONIC SHIFTER w/DIGITAL DISPLAY READOUT
VEHICLE WEIGHT RATINGS	
Front GAWR	14,600 lbs
Rear GAWR	21,000 lbs
GWR	35,600 lbs
GCWR	45,600 lbs
Hitch Rating	10,000 lbs
FRONT AXLE	TUTHILL IFS1460
Capacity	14,600 lbs
Track Width	84.3"
REAR AXLE	MERITOR "QUIET RIDE"
Capacity	21,000 lbs
Track Width	84.5"
Drive Ratio	4.63:1
BRAKES	FULL AIR BRAKES w/AUTO SLACK ADJUSTERS & 4 WHEEL ABS
Service Brakes Front	Bendix ADB225 17" Vented Air Disc
Service Brakes Rear	Meritor 16.5" x 7" Drum
Engine Brake	Jacobs Compression Brake
Parking Brake	Spring Applied, Air Release
COOLING SYSTEM	DIRECT DRIVEN w/2 SPEED CLUTCH
Radiator	Side Mtd Cross Flow Alum
Charge Air Cooler	Side Mtd Cross Flow Alum
Transmission Oil Cooler	Remote Mounted Oil To Water
ELECTRICAL SYSTEM	VANSCO J1939 FULLY MULTIPLEXED ELECTRICAL SYSTEM w/AUTO-RESET FUSES
Alternator	Leece-Neville 160 Amp
Starter	Denso 12 volt
Battery	Two Interstate 950 CCA @ 0°; Maintenance Free
FRAME	RAISED RAIL CONSTRUCTION w/ LOW PROFILE ENGINE MOUNTING
	Huck Bolted Frame, 50,000 PSI Steel
FUEL TANK	150 GALLON, DUAL FILL
STEERING SYSTEM	SHEPPARD M110
Rating	14,600 lbs
Ratio	23:01
Pump	Gear-driven, vane pump
Wheel Cut*	55°
SUSPENSION	CUSTOM TUNED (AIR)
Front Suspension	Tuthill IFS1460
Rear Suspension	Tuthill RD2300
Shock Absorber	Bilstein Custom Tuned
TIRES	MICHELIN 295/80R 22.5 XZA2 LRH
WHEELS	HUB PILOTED POLISHED ALUM 22.5" x 8.25"
	2 Inner Steel 22.5" x 8.25"
	10 Bolt Lugs, 11.25" Dia Bolt Circle
INSTRUMENTATION	ACTIA ELECTRONIC GAUGES w/LCD MESSAGE CENTER
	Speedometer w/Odometer, Tachometer, Engine Oil Pressure, Coolant Temperature, Coolant Level, Voltmeter, Fuel Level, Air Pressure, Trip Meter

POWERGLIDE FEATURE**POWERGLIDE BENEFIT**

Tiffin control of production and design.

Improved quality and value. Able to immediately adapt chassis design in response to changing customer needs. Able to tailor design to improve manufacturing and quality.

Full length 50,000 psi strength steel rails with fabricated rear drop section.

Frame design for superior stiffness, strength, and weight distribution. Drop section allows for easy access to serviceable engine components.

Ladder type frame joined by Huck bolts. Exclusive use of zinc plated yellow dichromate finished Grade 8 fasteners.

Huck bolts provide superior reliability and strength for joining non serviceable components. Exclusive use of Grade 8 fasteners eliminates manufacturing mix-ups and provides a superior connection. Yellow dichromate finish provides superior corrosion resistance.

2007 Cummins 425 HP ISL and Allison 3000 MH transmission.

Powertrain delivers higher peak horsepower with smooth shifting characteristics and cleaner exhaust emissions.

Direct driven radiator fan with 2 speed electronically controlled clutch.

Superior safety with efficiency. Highly controllable fan drive system only draws full fan power from the engine when it is needed.

Custom optimized 2007 cooling package.

Smaller & more efficient Cummin's certified cooling package leaves more room for storage while providing superior performance.

Front air disc brakes with rear air drum brakes. Four wheel four sensor ABS.

Putting disc brakes in front and drum in the rear provides an economical way to get the most performance per dollar out of your brake system. Front disc brakes will provide reduced brake fade, reduced pulling during braking, and improved stopping distance. Four Wheel four sensor ABS provides the highest level performance and safety.

Improved weight distribution (Close to 40/60 front/rear axle weight split).

Superior ride handling characteristics w/less rear end waggle and body roll. Safer coach especially in windy conditions and during emergency braking and lane change maneuvers.

Tuthill heavy duty custom tuned independent suspension system.

Custom tuned suspension provides superior ride and stability. Improved serviceability and strength over other designs.

Four independently controlled ride height valves.

Improved ride that adjusts each wheel to continually changing road conditions.

Fully multiplexed electrical system with internal auto reset fuses, and electronic gauge/instrument panel. Gauges include custom J1939 compliant speedometer, tachometer, odometer, oil pressure, fuel level, voltage, engine temperature and low air.

Increased reliability/serviceability. Requires less wiring running the full length of the chassis. Large custom Tiffin gauges are easy to read during day or night time driving.

Sheppard M110 gear and Tuthill 1460 IFS suspension.

Low effort turns and a full range of static steering. 55 degree wheel cut.

Custom convenient chassis service center.

Provides full access to oil and transmission fluid levels, auxillary air supply, with remote service center light having a magnetic base and 20" retractable cord.

ALLEGRO BUS

2008

TIFFIN MOTORHOMES
Allegro Bus

POWERGLIDE® CHASSIS



TIFFIN MOTORHOMES

WHEREVER YOU GO, WE GO.