



# *Allegro BUS*

**2010 Model Year**

## **XCR-Series Tag Axle Motorhome Chassis**

**FEATURE**

3-Year, 50,000-Mile Warranty  
50,000 PSI Frame Rail  
60-Degree Wheel Cut  
400 Dealers

**BENEFIT**

Best in The Industry  
Solid Foundation  
Excellent Maneuverability  
Service Where You Need It



**Driven By You**



# Allegro Bus

## Custom Chassis Features

- 5-year, 100,000-mile coolant \*\*\*
- TranSynd transmission fluid
- Lowered engine
- 18.7 CFM air compressor
- Fuel/water separator
- Farr Eco air cleaner
- Air filter restriction indicator
- 1,000-watt in-block engine heater
- Engine braking: compression brake by Jacobs (3,6)
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- VIP *Smart Wheel*, 18 in (457mm)
- TRW infinitely adjustable tilt/telescoping steering column
- Suspended & adjustable pedals
- Push button shift control
- Driver message center with integral LCD display
- 5" gauge package
- Air ride suspension with custom tuned Sachs shocks
- Michelin 295/80R 22.5 LRH
- Polished aluminum wheels with trim kit
- Heater hose assembly to front of chassis
- Bendix AD-9 heated air dryer
- Automatic, heated moisture ejector
- Air suspension deflation system
- Daytime running lights
- Tow power connector

\* Towing capacity limited by towing components and their attachment to the frame. See operator's manual for braking requirements on towed vehicles

\*\*\*Some maintenance required

*For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 11/01/09, and are subject to change without notice. Ratings are general guidelines. Illustrations may include optional equipment and accessories but may not include all standard equipment. To order more sales literature call 1-800-585-8831.*



### Driven By You

## XCR-SERIES TAG AXLE

<b>Engine</b> Peak HP Peak Torque	Cummins ISL turbocharged, aftercooled 8.9 L electronic diesel 425 HP @ 2,200 rpm 1200 lb•ft (1627 N•m) @ 1,300 rpm
<b>Transmission</b> Gear Ratios	Allison 3000MH six-speed automatic with lock up <u>First:</u> <u>Second:</u> <u>Third:</u> <u>Fourth:</u> <u>Fifth:</u> <u>Sixth:</u> <u>Rev:</u> 3.49:1 1.86:1 1.41:1 1.00:1 .75:1 .65:1 5.03:1
<b>Vehicle Weight Ratings</b> Front GAWR Rear GAWR Tag GAWR GVWR GCWR *	14,600 lb (6628 kg) 20,000 lb (9080 kg) 10,000 lb (4540 kg) 44,600 lb (20,248 kg) 54,600 lb (24,788 kg)
<b>Wheelbase</b>	276 in (7010 mm)                      294 in (8643 mm)
<b>Front Axle</b> Capacity Track Width	ZF - RL67EM IFS 14,600 lb (6628 kg) 84.3 in (2141 mm)
<b>Rear Axle</b> Drive Ratio Capacity Track Width	Meritor RS-21-145 4.63:1 21,000 lb (9534 kg) 72.1 in (1831 mm)
<b>Tag Axle</b> Capacity Track Width	Ingersol-IMT F12 drop center 10,000 lb (4540 kg) 85 in (2159 mm)
<b>Brakes</b> Front Service Rear/Tag Service Parking	Full air brakes with ABS 17 in dia. air disc 16.5 x 7 in drum-style s-cam 16.5 x 7 in drum-style s-cam Spring-applied air release
<b>Cooling System</b> Radiator Core Radiator Type Charge Air Cooler Transmission Oil Cooler Fan	2 rows, 14 FPI 1,260 in <sup>2</sup> (8129 cm <sup>2</sup> )area Cross-flow, side-mounted Cross-flow, side-mounted Water-to-oil Variable speed, hydraulic
<b>Electrical System</b> Alternator Starting Battery	Delco Remy 160 amp Delco 41MT, 12 volt Two 950 CCA @ 0°F (-18°C); maintenance-free
<b>Frame</b> Max Resist. Bending Moment Max Frame Section	Raised frame rail with lowered rear section 406,200 lb•in (45 900 N•m) 9.00 x 2.75 x .25 in (229 x 70 x 6.4 mm)
<b>Fuel Tank</b>	150 gal (568 L), dual fuel fill
<b>Steering System</b> Rating Ratio Wheel Cut	ZF - 8018 14,600 lb (6628 kg) 19.3:1 to 22.7:1 60°
<b>Suspension</b> Front Rear Tag Shock Absorber	ZF RF-67 EMIFS air suspension Neway AD 123 air suspension Neway NL 110 air suspension Tuned shocks, Sachs
<b>Tires</b>	Michelin 295/80R 22.5 LRH
<b>Wheels</b>	8 aluminum, 22.5 x 8.25 in (572x210mm) with 10 bolt lugs 11.25 in (285.75 mm) diameter bolt center
<b>Instrumentation</b>	Gauges: speedometer • tachometer • engine oil pressure • water temperature • voltmeter • fuel level • dual air pressure