

# ALL AMERICAN® REAR ENGINE



## Technical Specification Highlights

<b>CAPACITY</b>	Multiple floor plans available with passenger seating up to 84 students or 56 adults	<b>ENGINE</b>	Cummins® ISB-6.7 - '13, 200-280hp
<b>EXTERIOR WIDTH</b>	96"	<b>TIRE SIZE</b>	11R22.5 (G) all-position radials
<b>INTERIOR WIDTH</b>	90 3/4"	<b>ALTERNATOR</b>	240-amp, 12 volts
<b>AISLE WIDTH</b>	Varies by floor plan	<b>BRAKES</b>	4-wheel air drum brakes with 4-channel antilock brake system
<b>SKIRT LENGTH</b>	19 3/4"	<b>SUSPENSION</b>	Soft ride front leaf spring suspension (rating varies by capacity); Two-stage steel leaf rear spring suspension system (rating varies by capacity)
<b>INTERIOR HEADROOM</b>	77"	<b>STEERING</b>	Tilting & telescoping steering column
<b>OVERALL HEIGHT</b>	122" - 128" depending on options	<b>FRONT AXLE</b>	Front axle (rating varies by capacity)
<b>WHEELBASE</b>	189" / 217" / 245" / 259" / 273"	<b>REAR AXLE</b>	Rear axle with hypoid, single reduction gears with broad range of ratios to optimize powertrain performance (rating varies by wheelbase)
<b>OVERHANG</b>	Front: 95" with standard steel bumper Rear: 122"	<b>WHEEL CUT</b>	50°
<b>FUEL TANK</b>	60-gallon located between frame rails within wheelbase	<b>GVWR</b>	Up to 36,200 lb.
<b>ENTRANCE DOOR</b>	32" wide x 79" high/double electric outward opening		
<b>TRANSMISSION</b>	Allison® 2500 PTS - 5 speed automatic		

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# ALL AMERICAN® REAR ENGINE SPECIFICATIONS



## Chassis

- Type D - RE design
- Cummins® ISB 6.7 - '13 diesel engine
- 15-gallon diesel exhaust fluid reservoir
- Engine fan clutch
- Exhaust tailpipe routed under rear bumper
- Automatic Transmission
- Driveline guard at each shaft section
- Six (6) All-position radial tires
- Six (6) 22.5in. Disc, hub-piloted steel wheels
- Front axle (rating varies by capacity)
- Soft ride front leaf spring suspension (rating varies by capacity)
- Rear axle with hypoid (rating varies by capacity), single reduction gears with broad range of ratios to optimize powertrain performance
- Two-stage steel leaf rear spring suspension system (rating varies by capacity)
- 4-wheel air drum brake system
- 4-channel anti-lock brake system
- 50,000 PSI C-channel steel frame rails
- Diesel fuel tank located between frame rails
- Large, easy to read instrumentation panel with Drivers Information Display (DID)
- 240-amp alternator, 12 volts
- Group-31 batteries secured to slide-out tray in compartment

## Durability

- Entire underbody (body skirt and floor) is undercoated before mounting on chassis
- Exterior surfaces are finished with heat-cured, ultra durable urethane paint for gloss and color retention
- Interior surfaces are finished with high-quality paint

## Strength

- 50,000 PSI C-channel steel frame rails
- Steel front bumper
- Steel rear bumper
- Blue Bird's legendary unitized construction creates a circle of safety around the passenger compartment

## Safety

- Superior driver visibility
- Engine door at rear provide full access to engine compartment
- Superior maneuverability achieved by optimized steering component geometry
- 4-wheel air drum brake system
- 4-channel anti-lock brake system
- Diesel fuel tank located between frame rails
- Blue Bird's legendary unitized construction creates a circle of safety around the passenger compartment
- Rearview mirrors, split design flat and convex
- Dome lights in passenger compartment
- Electric intermittent single switch windshield wipers

## Serviceability

- Halogen headlights, high/low beam
- Easy access to front headlights
- Easy access to fluids
- Chassis warning indicator lamps
- Body wiring circuits accessible through exterior electrical compartment
- Fused electrical circuit protection throughout body and chassis
- Wiring is color coded throughout harness for easy circuit identification
- Wiper motors mounted behind hinged panels for easy access

## Optional Features

- Diesel engine horsepower choices
- Rear air ride suspension
- 100-gallon diesel fuel tank
- Wheelchair lift door and power lift
- Wheelchair securement option for special-needs passengers
- Extended service coverage
- Lease/Purchase services

## Comfort & Convenience

- Soft ride front leaf spring suspension (rating varies by capacity)
- Tilting & telescoping steering column
- Large, easy to read instrumentation panel with Drivers Information Display (DID)
- Entrance door, electric operated, outward-opening with upper and lower glass
- Windshield, tinted laminated glass
- Split-sash passenger windows with easily servicable lockrail latch
- Ergonomically designed driver's cockpit with switches and controls placed for drivers from 5th percentile female to 95th percentile male
- Driver's seat with fore/aft and up/down adjustments
- 3-point lap & shoulder belt with vertical adjustment

## Dimensions

Headroom	77"	
Width Exterior	96"	
Width Interior	90 3/4"	
Skirt Length	19 3/4"	
Overall Length	406" - 490"	
Overall Height	122"-128" depending on options	
Wheelbase/Passenger Capacity	CHILDREN	ADULTS
	189" = 66	189" = 40/44
	217" = 72	217" = 44/48
	245" = 78	245" = 48/52
	259" = 81	259" = 50/54
	273" = 84	273" = 52/56

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