

# ALL AMERICAN® REAR ENGINE COMPRESSED NATURAL GAS



## Technical Specification Highlights

<b>CAPACITY</b>	Multiple floor plans available with passenger seating up to 84	<b>ENGINE</b>	Cummins® ISL-G, 250-280hp
<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 brakes
<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: varies by body length/wheelbase	<b>WHEEL CUT</b>	50°
<b>FUEL TANK</b>	7600 SCF @3600 psi capacity fuel containers secured to chassis frame rails	<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® 3000 PTS - 5 speed automatic		

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# ALL AMERICAN® REAR ENGINE SPECIFICATIONS- CNG



## Chassis

- Type D - RE design
- Cummins® ISL-G, 250-280 horsepower
- 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
- 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
- 7600 SCF @3600 psi capacity fuel containers secured to chassis frame rails
- Blue Bird's legendary unitized construction creates a "mighty safety cage" around the passenger compartment
- Crossview mirrors, convex
- 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 panel for easy access

## 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 7" vertical adjustment

## Optional Features

- Engine horsepower choices
- Rear air ride suspension
- Wheelchair lift door and power lift
- Wheelchair securement option for special-needs passengers
- Extended service coverage
- Lease/Purchase services

## 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	189" = 66 217" = 72 245" = 78 259" = 84 273" = 84

Specifications shown were in effect on the date they were approved for printing. In keeping with its policy of continual product improvement, Blue Bird reserves the right to change specifications without notice and without incurring obligations. Some equipment and features shown may be optional- your Blue Bird Dealer will explain. SB-AARE-CNG-1012 © 2012 Blue Bird Corporation

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