

BLUE BIRD VISION



BLUE BIRD®



BLUE BIRD®



BUILT TO TAKE ON TOMORROW.

Each day, more than 550,000 school buses transport 26 million school children to and from school. At Blue Bird, we understand the massive responsibility of this task—on a daily basis we, along with the bus operator, are responsible for the **safety of our future generations**.

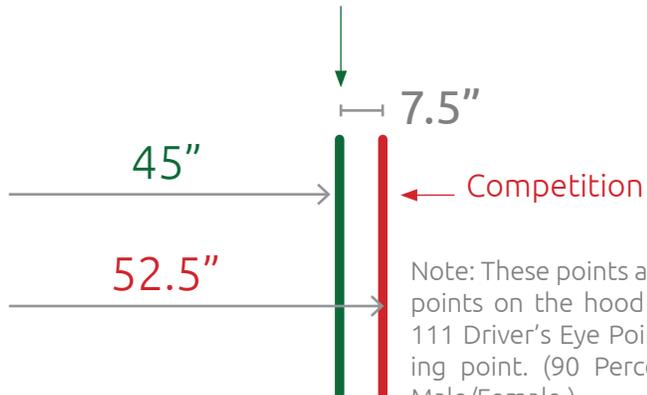
The application of the school bus has changed significantly over time—beginning as a way for children in rural areas to travel to school, then as a way to enable equal access to education, and now as a solution to road congestion and green transportation. For over 90 years, Blue Bird has prioritized unparalleled safety at the forefront of our bus designs, while also **lowering the total cost of ownership for our customers**, allowing them to put money back into the classroom.

WHY VISION?

Our Blue Bird Vision earns its name due to the exceptional driver visibility and maneuverability it possesses. A pinnacle in manufacturing design, the Blue Bird Vision has become the safest vehicle on the road today to transport your children to and from school.



Blue Bird Vision



Note: These points are measured points on the hood using MVSS 111 Driver's Eye Point as a starting point. (90 Percentile 50/50 Male/Female.)

Building a **BETTER BUS**

NextGen Seating



Convertible seating has never been this easy - or this comfortable.

Now there is no need to completely remove the entire seat when you want to change the seating configuration. With Blue Bird's NextGen Seat, simply remove four bolts from the base of the seat cushion and reinstall the new seat that you want - it's really that simple! Mix-and-match your seats as you need them, making your bus fleet more versatile without the need to spend large amounts of time or money.



**Lap Belt Ready
(LBR)**



COMFORTABLE

The recessed back pad gives passengers improved knee clearance, and the integrated head rest and built-in lumbar support sets a new standard in student seating comfort.



**3-Point Belts
(3PT)**



**Child Restraint
(CR)**



INNOVATIVE

A first in the Industry, the bottom cushion tilts up allowing for unprecedented access between seats as well as ease of cleaning.



CONVERTIBLE

Easily converts from one seat type to another by simply removing and reinstalling 4 bolts. Available in lap-belt ready, 3-point seat belt, child restraint and 3-point child restraint.

OEM Installed Air Conditioning

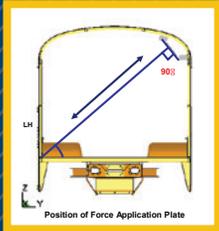


Aftermarket installation can interfere with the structural design of the bus body, as well as put additional stress on critical engine, chassis and electrical systems. This OEM installation creates less maintenance for you, due to the frame-mount installation of the condensers during chassis assembly, EZ clip connectors which provide a no-leak hose to connector securement, and more. Contact your local dealer today to learn more about Blue Bird's OEM air conditioning option!



#1 Priority SAFETY

At Blue Bird, added safety is not an option. It is a standard. We take no shortcuts because at the end of the day, your children's safety is our business. This core value was at the forefront when we redesigned the new Vision. From our own set standards for test compliance, to our best-in-class cockpit visibility, the highest level of safety is engineered into every Blue Bird bus and is at the foundation of everything we do.



Standard Test Compliance

The Vision is certified to Colorado Rack and Load, Kentucky Pole and Altoona Tests in its standard configuration, not as an option like the competition, highlighting the strength of the core bus design.



Passenger Safety Cage

Blue Bird's custom designed one-piece roof bow system ensures safe student transportation with an exceptionally strong structure. This safety cage is the backbone of our solid bus design.



Fuel Tank Protection

Our frame mounted fuel tanks are surrounded by the steel chassis structure to provide maximum fuel system protection.



Enhanced Defrost Air Flow

This feature is engineered to keep the higher section of the windshield clean for increased visibility amid inclement weather.



Emissions Reductions

Blue Bird's Vision buses meet current EPA and CARB emissions standards, including CARB optional standards with our Propane buses.



Best-In-Class Turning Radius

Superior maneuverability limits the infringement on surrounding lanes of traffic when turning corners, and it also virtually eliminates the need to back up the bus in tight cul-de-sacs.



Exceptional Driver Visibility

The Vision provides exceptional forward visibility and unique mirror systems that improve driver awareness and increase the safety of children around the bus.



E-Z Light Check System

Blue Bird's E-Z Light Check System allows drivers to check all lights, which is outlined in CDL requirements, with the flip of a switch.



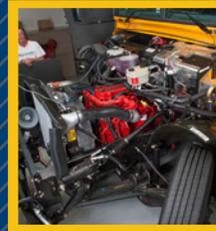
Intuitive **SERVICEABILITY**

The Blue Bird Vision was designed with ease of serviceability in mind. The Vision improves a service technician's accessibility and speed for performing routine maintenance and repairs. Blue Bird also took it a step further by designing our Vision and All American buses to include parts commonality. All of these combined variables further reduce your total cost of ownership. Top it off with Blue Bird's superior technical training programs, and you have a winning combination.



Low-Maintenance Headlights

Headlights with integrated turn signals and clear lens technology make regular maintenance and beam alignment easier than ever.



Spacious Engine Compartment

Intuitive routing of exhaust and cooling system components, with increased engine compartment space, allows for easy access to perform engine maintenance.



Easy-to-Service Electrical

Multiplex wiring modules constitute easier troubleshooting methods as the chassis module includes LED lights indicating input and output signal status.



Proven Body Design

The Blue Bird Vision shares mutual parts with the Blue Bird All American, resulting in a reduction in parts and service complexity.



Industry's Largest DEF Tank

Our standard 15-gallon diesel exhaust fluid (DEF) tank is the industry's largest DEF tank offered. Refills are strategically timed with regular inspection intervals.



Easy-to-Service Stepwells

Blue Bird's stepwells are bolted in, allowing for easier replacement in the event of damage. Competitors' stepwells are welded in the bus.



Zero-Maintenance Fasteners

Blue Bird's Huck-Spin® fasteners will never require re-torquing throughout the life of the vehicle. This is just one more way Blue Bird helps reduce standard maintenance.



Easy Windshield Replacement

This 4-piece design enables a simple change of just the damaged section of glass in the event of a chip or crack. This feature is much less expensive than replacing an entire one-piece windshield.



Factory Trained Technicians

Blue Bird maintains a tradition of leading the school bus industry in both quantity and quality of technical training offered to our customers.



Expansive Dealer & Service Network

Over 335 dealerships and affiliated vehicle service centers are available throughout North America.

Dedication to **QUALITY & DURABILITY**

At Blue Bird, quality and durability have always been of paramount importance. That is why over 180,000 of the buses that we've manufactured since our founding in 1927 are still on the road. We pay attention to the details that deliver performance, continually exploring how a product can be improved. It's part of Blue Bird's continuous improvement culture. And it's this steadfast culture that delivers the innovation and robust design featured on the Vision.



Ergonomic Driver's Cockpit

The cockpit has been designed to comfortably fit virtually any body size. The cockpit instrument panel is redesigned to match the Blue Bird All American for seamless driver transition.



Most Fuel Efficient Engines

Blue Bird strives to help fleets save money with the industry's most fuel efficient and EPA compliant engines from Cummins and Ford / ROUSH CleanTech.



Industry's Largest Bumpers

The Vision's front bumper is the largest in the school bus industry. At 15" tall on both corners and 25% larger than the other school bus makes, it provides added protection and safety.



Rub Rail Protection

The top 3 rub rails are fully mounted above the floor level, providing additional structural rigidity and protection for passengers.



Improved Window Seals

Our Blue Bird E-Z windows feature a redesigned top seal, with a felt seal on the upper and lower sash, and an enhanced lock rail. This new design allows for ultra-smooth operation.



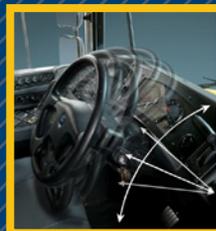
Highest Standard Alternator Output

Our 240-amp alternator is the highest amp alternator offered as standard equipment on a school bus, providing additional capacity to power electrical components and accessories.



Optional Adjustable Pedals

Adjustable pedals enable bus drivers to modify the orientation of the controls to fit their unique body sizes, ensuring an individualized fit that is optimal for the driver.



Tilt/Telescoping Steering Column

Easily adjustable tilt / telescoping steering column improves driver ergonomics and accessibility.

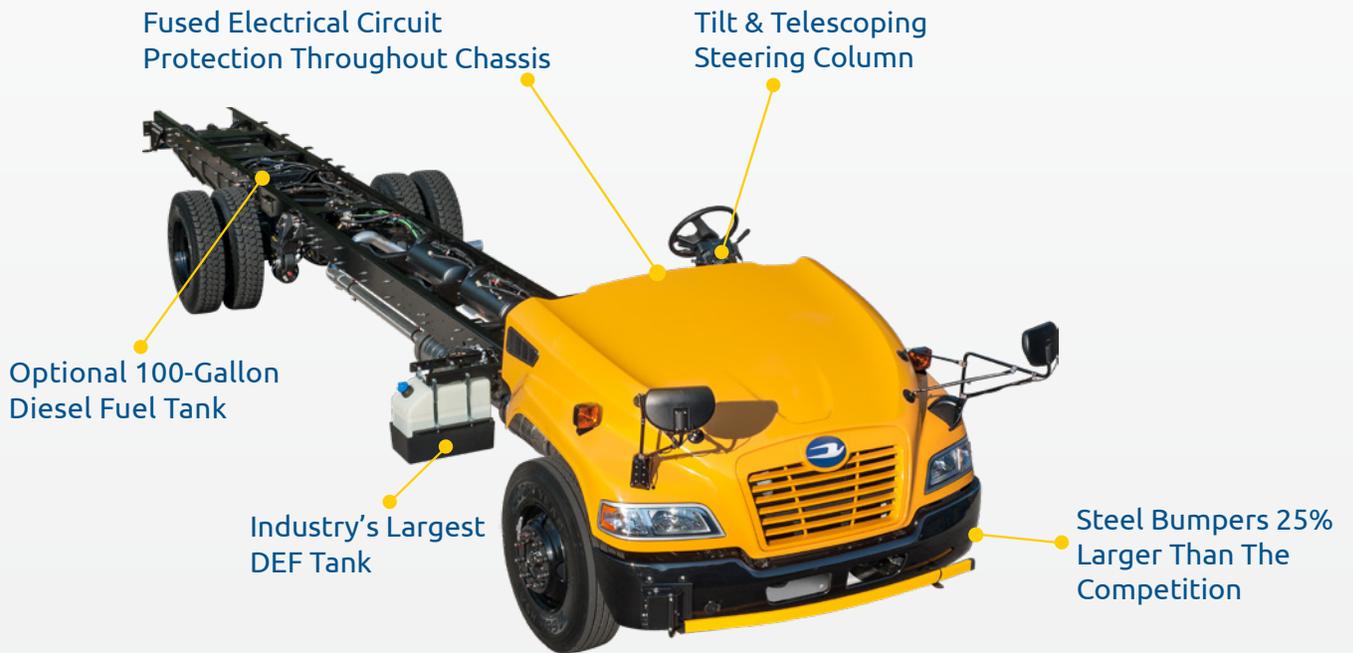


Exclusive

PURPOSE-BUILT CHASSIS

Blue Bird's purpose-built chassis, specifically designed for bus applications, blends over 90 years of our finest innovation with unmatched value. From the strategically mounted fuel tanks, to the enhanced overall serviceability, our purpose-built chassis is a hallmark of our commitment to deliver the industry's most durable buses.

VISION DIESEL CHASSIS



VISION PROPANE CHASSIS



*Diesel or Gasoline Fuel Tanks

Industry-Leading POWERTRAIN OPTIONS

DIESEL *Available in Multiple Powertrain Options*



WHEELBASE	169"/ 189"/ 217"/ 238"/ 252"/ 273"/ 280"	TRANSMISSION	Allison® 2500 PTS - 5 & 6 speed automatic Eaton® Procion™ - 7 speed automatic Allison® 3000 PTS - 5 & 6 speed automatic
ENGINE	Cummins® B6.7, 200-260 hp Cummins® V5.0, 220 hp	BRAKES	4-wheel hydraulic disc brakes with 4-channel antilock brake system; Air drum and air disc brakes available
FUEL TANK	Standard 60-gallon; optional 100-gallon; 45-gallon for 169" wheelbase		



Blue Bird's Vision Diesel buses come with our unwavering commitment to passenger safety, durability, service and support - including our dedicated team of Field Service Engineers focused exclusively on school bus operations.

Our Vision Diesel buses offer a **variety of powertrain options**, so that you can choose the combination of engine and transmission that best meets your needs. Our **exclusive offering of the V5.0 Cummins engine**, as well as being **first-to-market with the Allison FuelSense 2.0 calibration feature** proves that Blue Bird is committed to bringing solutions to market that help our customers lower their total cost of ownership.

CNG *The Best Type-C Option for Compressed Natural Gas*



WHEELBASE	217"/ 252"/ 273"/ 280"	FUEL CAPACITY	SAE Type III Composite wrapped aluminum located outboard of frame within wheelbase and inboard of frame in rear overhang				
ENGINE	Ford® three-valve 6.8L V10 CNG, 269 hp		SCF@				
TRANSMISSION	Ford® 6R140 - 6 speed automatic		WB	Body Model	70F/3600psi	DGE	GGE
BRAKES	4-channel antilock brake system; hydraulic disc Air drum and air disc brakes available						
			217"	2508/2610	6554	47	53
			252"	3011	6968	50	56.5
			273"	3303/3310	7692	55	62
			280"	3507	7692	55	62



In addition to its top-ranked performance with the Vision school bus, **Blue Bird has been producing CNG buses for over 25 years with its All-American school bus.** We've leveraged this vast experience and our exclusive, proven partnerships to produce **the best Type C CNG bus: the new Blue Bird Vision CNG.**

Blue Bird has taken what we've learned about the all-important positioning and protection of CNG cylinders in our All American buses, and applied this proven CNG design to our Vision. Where CNG fuel availability and the need for lower emissions intersect, the Blue Bird Vision CNG is the Type C solution.

GASOLINE *Our Lowest-Acquisition Cost Leader*



WHEELBASE	189"/ 217"/ 238"/ 252"/ 273"/ 280"	TRANSMISSION	Ford® 6R140 - 6 speed automatic
ENGINE	Ford® three-valve 6.8L V10 Gasoline, 320 hp	BRAKES	4- wheel hydraulic disc brake with 4-channel antilock brake system; Air drum and air disc brakes available
FUEL TANK	Standard 60-gallon; optional 100-gallon		

The Blue Bird Vision Gasoline bus gives you many of the benefits of propane (including emissions reduction) at a more affordable cost. Its acquisition cost is also significantly less than a diesel purchase.

Since our gasoline buses do not require thousands of dollars of additional equipment to run clean, they cost less to maintain - and not just because of the reduction of parts, but also because there are more qualified gasoline mechanics available. **A low up front cost, reduction in parts and availability of gasoline mechanics makes it easier - and less expensive** - to maintain your fleet with the Blue Bird Vision Gasoline bus.



PROPANE *The Industry's Best Selling Alternative Fuel School Bus*



WHEELBASE	169"/ 189"/ 217"/ 238"/ 252"/ 273"/ 280"	TRANSMISSION	Ford® 6R140 - 6 speed automatic
ENGINE	Ford® 6.8L with ROUSH CleanTech Liquid Propane Fuel System, 320 hp	BRAKES	4-channel antilock brake system; hydraulic disc Air drum and air disc brakes available
FUEL TANK	Standard (usable) 67-gallon; optional (usable) 93-gallon; 47-gallon for 169" wheelbase		

Blue Bird has produced over 12,000 propane buses*. Our exclusive, proven partnership with Ford and ROUSH CleanTech has delivered a product that has yielded incredible fuel and maintenance cost savings to our customers. Propane is a safe, domestically produced fuel that drastically reduces harmful emissions, making the air cleaner to breathe for the children we transport every day.

When it comes to safety and total cost of ownership, the Blue Bird Vision Propane has proven, time and time again, to be the clear winner! **If you haven't tried Propane yourself, be sure to call your local dealer for a test drive, and to see how much you can save!**

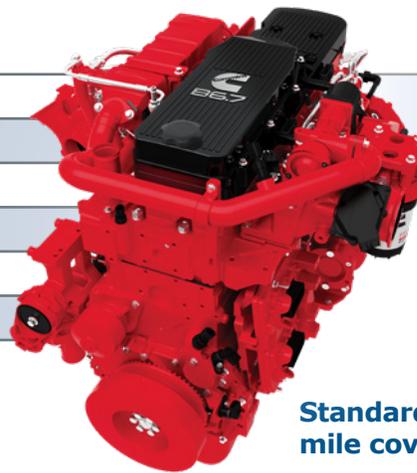


Exclusive ENGINE OPTIONS

CUMMINS ENGINE Diesel

Blue Bird works closely with Cummins, the industry-leading diesel engine manufacturer, to develop engine and driveline configurations specifically designed for our Blue Bird school buses. **Plus, Cummins offers the V5.0 diesel engine exclusively for the Blue Bird Vision bus - garnering multiple fuel-saving benefits.** Cummins diesel engines deliver the best combination of horsepower, torque, reliability, durability and fuel economy while meeting the latest emission standards.

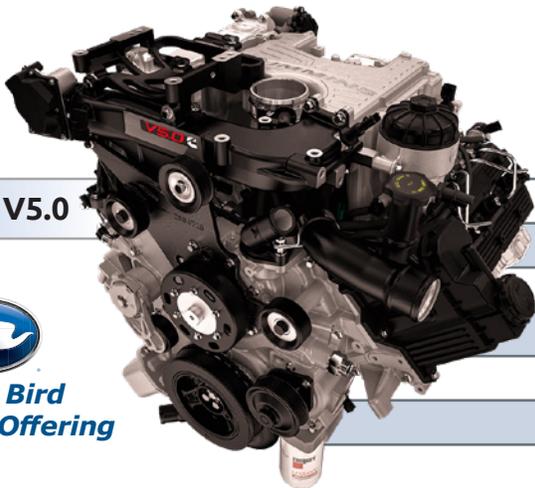
Horsepower	200-260 hp
Peak Torque	520-660 lb-ft
Governed Speed	2600 rpm
Number of Cylinders	6
System Weight	1,150 lbs
Aftertreatment System	145 lbs



Cummins B6.7

Standard 5-year, 100,000-mile coverage by Cummins.

Cummins V5.0



Horsepower	220 hp
Peak Torque	520 lb-ft
Governed Speed	3400 rpm
Number of Cylinders	8
System Weight	942 lbs
Aftertreatment System	95 lbs



**A Blue Bird
Exclusive Offering**

Proven SCR Technology - Single Can Design

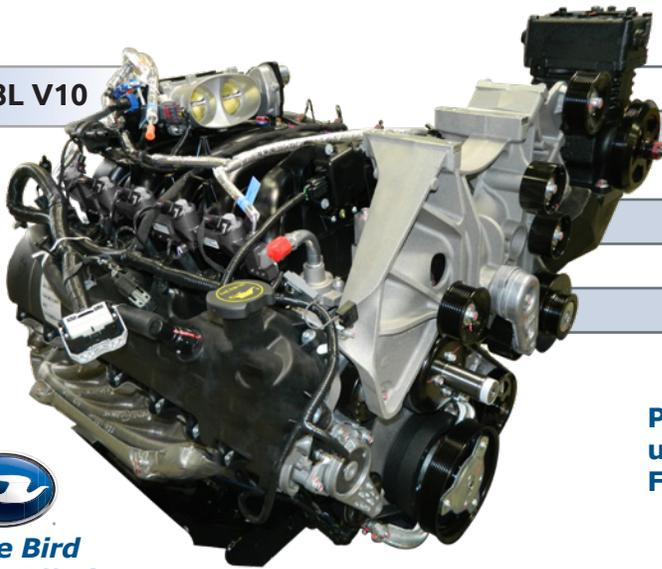
The next-generation system delivers a smaller, more compact solution, with reductions of up to 70 percent in space claim and 30 percent in weight compared to current combined Diesel Particulate Filter (DPF) and Selective Catalytic Reduction (SCR) systems in comparable markets.

The single-cylinder design, which is enabled by the application of advanced DPF and SCR catalyst technologies, offers improved particulate matter (PM) and oxides of nitrogen (NOx) reduction capabilities. Simplified packaging and optimized on-board diagnostics (OBD) creates a more robust and reliable system.



FORD AND ROUSH CLEANTECH ENGINE Propane, CNG, and Gasoline

Blue Bird's exclusive relationships with Ford and ROUSH CleanTech deliver the best school buses in the industry. With propane being the fastest growing school bus segment, districts are experiencing huge savings with reduced operating costs. As the clear leader in alternative fuels, with more than 5 times the number of these buses on the road than all other makes combined, Blue Bird is excited to offer this powertrain and fuel system by Ford/ROUSH CleanTech in Propane, Gasoline, and CNG!



Ford 6.8L V10

	Gas & Propane	CNG
Horsepower	320 hp	269 hp
Peak Torque	460 lb-ft	386 lb-ft
Governed Speed	4250 rpm	4250 rpm
Number of Cylinders	10	10
Engine Weight	620 lbs	620 lbs
Aftertreatment System	N/A	N/A

Peace-of-mind is standard with a 5-year, unlimited-mile warranty on the Ford engine, Ford transmission and entire fuel system.



**A Blue Bird
Exclusive Offering**

Propane

The Ford 6.8L Propane engine offers two calibration configurations to match your performance and efficiency needs. Additionally, **you can change the calibrations anytime at your local dealer**, should your needs change during the life of your vehicle.

CNG

Weighing in at 275 lbs. lighter than the competition, the powertrain of the Vision CNG is the lowest weight available on a Type C-CNG bus. Its lighter powertrain gives Blue Bird **a real fuel economy advantage**.

Gasoline

The Ford 6.8L V10 spark-ignited engine has a history of success. with over 1.8 Million Ford 6.8L engines on the road today, they have proven their durability and reliability in the bus and commercial truck market year after year.

BLUE BIRD
EconoShift™

BLUE BIRD
PowerShift™



Industry-Leading TRANSMISSION OPTIONS

ALLISON® PUPIL TRANSPORT SERIES™

Allison® transmissions provide customers with dependable and durable products that are easy and cost-effective to maintain year after year. With over 400,000 Allison equipped school buses, not only are you choosing the industry leader, you are choosing the transmission that has been proven for decades to work in the school bus industry.



2000 PTS	Torque	Up to 660 lb-ft [895Nm]
	Operating Weight GVW	33,000 lbs [14,969 kg]
	Dry Weight	323 lbs [147 kg]
	Oil Capacity	Approx. 13.7 quarts [13 liters]
	Compatible With	Cummins® B6.7 and V5.0 Diesel Engine



Torque	Up to 950 lb-ft [1288Nm]	3000 PTS
Operating Weight GVW	33,000 lbs [14,969 kg]	
Dry Weight	535 lbs [243 kg]	
Oil Capacity	Approx. 29 quarts [27.4 liters]	
Compatible With	Cummins® B6.7 Diesel Engine	

FUELSENSE® 2.0 with DynActive™ Shifting

Offered first-to-market by Blue Bird: FuelSense® 2.0 is a series of software packages designed to further reduce fuel consumption in all segments of a school bus duty cycle. Featuring DynActive™ Shifting, which provides an infinitely variable combination of shift points for increased efficiency, FuelSense® 2.0 offers upgraded capability to improve your fuel economy and your bottom line.

FuelSense 2.0 with DynActive Shifting	FuelSense 2.0 Plus with DynActive Shifting	FuelSense 2.0 Max with DynActive Shifting
Our standard package of FuelSense features	Adds an improved Neutral at Stop	Includes both Neutral at Stop and enhanced Acceleration Rate Management features

EATON® PROCISION™



The Procision dual-clutch automatic transmission offers great low-speed maneuverability and fuel economy. It's exclusive Hill Helper and Creep Mode features give you more options while driving your Vision bus. With a fluid change interval of **10 years, 150,000 miles**, it is possible that **you may never have to service a Procision transmission***! Plus, the Procision comes with a **standard 5-year, unlimited-mile warranty**, giving you peace-of-mind.

Torque	Up to 660 lb-ft [895Nm]
Operating Weight GVW	33,000 lbs [14,969 kg]
Dry Weight	364 lbs [165 kg]
Oil Capacity	Approx. 12.6 quarts [12 liters]
Compatible With	Cummins® B6.7 Diesel Engine



Procision

*Depending on the user's duty cycles.

FORD® 6R140

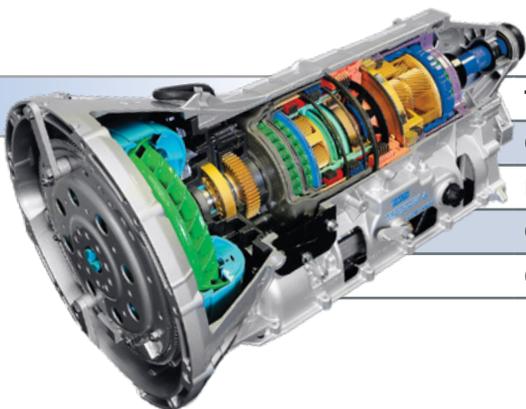


The Ford 6R140 Transmission, **exclusive to our Propane and Gasoline Vision buses**, is capable of increasing torque demand in many vehicle applications – it is purpose built to exact torque requirements to achieve minimal friction losses. This results in **best possible fuel economy** to all customers. Fluid change interval is 150,000 miles. The proven powertrain combination of the Ford 6.8L engine and Ford 6R140 transmission comes with a **standard 5-year, unlimited mile warranty**.



A Blue Bird Exclusive Offering

6R140

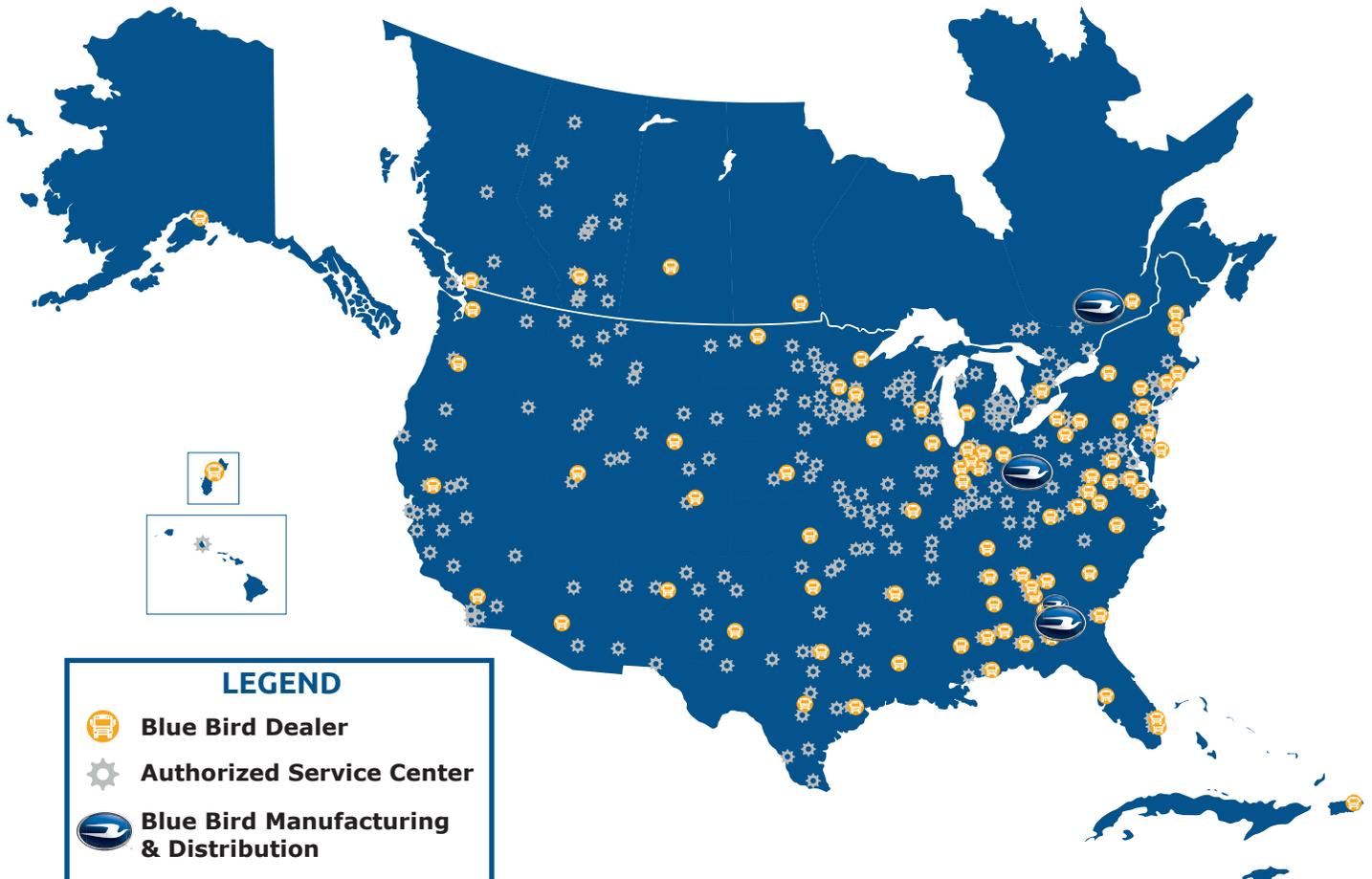


Torque	Up to 750 lb-ft [1017Nm]
Operating Weight GVW	33,000 lbs [14,969 kg]
Dry Weight	310 lbs [141 kg]
Oil Capacity	Approx. 14.5 quarts [14 liters]
Compatible With	Ford 6.8L Propane/Gasoline Engine

Industry-Defining **SERVICE AND PARTS**

At Blue Bird, we recognize that your new bus purchase is just one part of the equation. The North American Blue Bird Dealer Network, backed by the knowledgeable Blue Bird Parts and Service Team, has you covered for the life of your bus. The local parts, service, warranty, and genuine school bus expertise you need are readily available at hundreds of North American full-line dealers and dealer-authorized service centers.

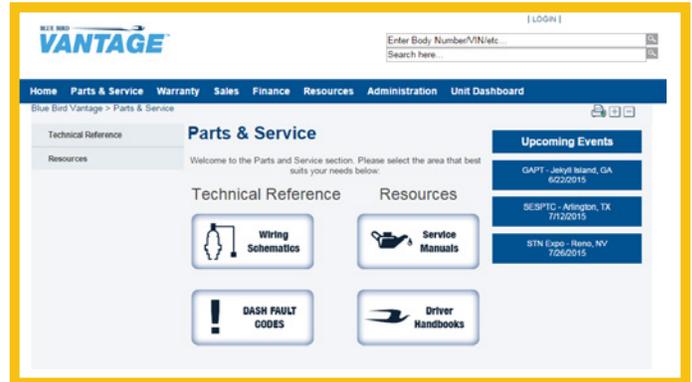
- Over 335 dealers and affiliated service centers throughout North America
- Unlike other makes, we have a dedicated team of Field Service Engineers that solely focus on school bus operations
- Technical trainers provide dealer and service technician training classes each year
- Blue Bird has a state-of-the-art training facility located at Blue Bird's headquarters in Fort Valley, Georgia
- Blue Bird Field Service experts utilize their years of experience to provide quick and accurate technical support to our Blue Bird Dealer Network
- Expert representatives are available to provide telephone, online and on-site support



Access Important Documents Online

Access the current Driver Handbook, Service Manual and other technical references online at Blue Bird Vantage™- our online portal! You can access the website at:

vantage.blue-bird.com



Top-Quality Parts

Blue Bird's extensive selection of top-quality parts is a foundational element of our promise to deliver exceptional quality, reliability and convenience to our customers. Blue Bird stocks the parts you need with the leading component brands you trust at industry-competitive prices.

Well-Stocked Inventory

1.3 million cubic feet of clean, orderly, highly automated space with over 20,000 part numbers to quickly fulfill your parts needs. Contact your local Blue Bird dealer to get the parts you need, when you need them.



The Blue Bird Vision: Offering Multiple Proven Powertrain Options!



At Blue Bird, **we are committed to reducing your total cost of ownership**, because we understand money saved over the years allows you to **put more money back into the classroom**.

Along with its exceptional driver visibility and maneuverability, the Blue Bird Vision bus shares many body parts with the Blue Bird All American bus, resulting in a reduction in parts and service complexity. With multiple fuel types and powertrain options available, **each bus is specifically tailored to each customer** - allowing you to choose what works best to reduce your total cost of ownership and your specific operating requirements.

From chassis to body to cockpit, the **Blue Bird Vision** is a winner: a purpose-built school bus from a purpose-driven company that is clearly best-in-class.

VISION TECHNICAL SPECIFICATION HIGHLIGHTS

CAPACITY	Multiple floor plans available with passenger seating up to 78	SUSPENSION	Soft ride front leaf spring suspension (Rating varies by capacity); Two-stage steel leaf rear spring suspension system (rating varies by capacity); Air suspension available
EXTERIOR WIDTH	96"	WHEEL CUT	50°
INTERIOR WIDTH	90 3/4"	GVWR	Up to 33,000 lbs.
AISLE WIDTH	Varies by floor plan	STEERING	Tilt & telescoping steering column
SKIRT LENGTH	Varies by fuel type; 16 1/4", 19 3/4", 25 3/4"	FRONT AXLE	Front axle (rating varies by capacity)
OVERHANG	45" front overhang with standard steel bumper. Rear overhang varies by body length/wheelbase	REAR AXLE	Rear axle with hypoid, single reduction gears with broad range of ratios available to optimize powertrain performance (rating varies by capacity)
INTERIOR HEIGHT	77"	ALTERNATOR	240, 270, and 320 amps with 12 volts
OVERALL HEIGHT	122" - 128"	TIRE SIZE	11R22.5 (G) all-position radials
ENTRANCE DOOR	27" wide x 78" high/double manual outward opening; air/electric optional	REAR DOOR	37" wide x 52" high



BLUE BIRD®

BUILT TO TAKE ON TOMORROW.



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