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Basic Description of Coverage

On the Blue Bird Vision Propane-Powered Bus, ROUSH CleanTech offers an optional limited warranty on certain fuel system components, engine Front End Accessory Drive (FEAD) components, Smart Relay Module (SRM) and certain Ford Components for 5 years / unlimited miles, as defined below and covered in detail in the Owners Guide for these products as well as in the ROUSH CleanTech Warranty and Policy Manual.

Note: Blue Bird Propane-Powered Vision Buses manufactured with the ROUSH CleanTech Liquid Propane Fuel System prior to September 01, 2014 come with a limited warranty coverage for a term of 5 years / 100,000 miles, whichever comes first.

Please contact your Blue Bird Dealer to obtain service for your Blue Bird bus. Your Blue Bird Dealer will help arrange for repairs by the Blue Bird Dealer or another qualified repair facility.

Limited Warranty Overview

Assumptions:

- ROUSH CleanTech is providing limited warranty coverage for 5 years / unlimited miles (warranty expires by time) based on the vehicle in-service date and the eligibility of optional warranty coverage as reported by Blue Bird.
- Emissions components will additionally be covered for durations specified by the EPA or CARB emissions performance and defect warranties. Components covered under emissions warranties are the responsibility of the same party as for the base warranty.
- Content to be covered by ROUSH CleanTech under this limited warranty includes ROUSH CleanTech-supplied components, specified Ford components and related FEAD components except those mentioned in “exclusions” below or identified as FORD or BLUE BIRD Warranty Responsibility in the ‘COMPONENT COVERAGE’ section below.
- ROUSH CleanTech will administer warranty in accordance with the Warranty Process described in the Warranty and Policy Manual as published on www.ROUSHcleantech.com/service.
- All ROUSH CleanTech warrantable parts will ship to authorized Blue Bird service centers directly from ROUSH CleanTech.

- If the necessity to tow was driven by a ROUSH CleanTech component failure as determined by ROUSH CleanTech support, then towing is covered for the first 12 months of operation from the warranty start date, up to \$400.00
- Transportation costs, such as towing, require pre-approval and must be entered into the ROUSH CleanTech warranty claim system for consideration at the time the case/claim is opened.
- All warranty repairs must be completed at authorized Blue Bird / ROUSH CleanTech service centers.

Exclusions:

Components not covered by the ROUSH CleanTech limited warranty include:

- Specified components such as the starter motor, water pump, power steering pump, air conditioning compressors, and air pump, listed in the section below with coverage by FORD or BLUE BIRD.
- Components that have failed due to physical damage caused by abuse and/or improper operation.
- Components that have failed due to vehicle modification or alteration.
- Cosmetic appearance of the ROUSH CleanTech components that results from use and/or exposure to the elements including, but not limited to, rain, snow, excessive heat or cold, lightning, hail, windstorm, earthquake, road salt, water or flood; surface corrosion, tank rust, chips, dents, scratches, customer neglect or normal wear and tear. For proper maintenance of tanks to prevent rust, please see the [ROUSH CleanTech Fuel Tank Refinishing Guide](#) and related [Fuel Tank Corrosion FAQ](#)
- Other exclusions as detailed in the Owners Guide for the Product, specifically including the following:
 - Use of fuel or additive other than Gasoline, LPG or CNG (depending on product type).
 - Road hazards, misuse, abuse, neglect, accidents, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle.
 - Exposure of the ROUSH CleanTech parts to excess moisture, water, or any motor vehicle fluids.
 - Normal wear and tear, including noise, vibration, cosmetic conditions and other deterioration caused by normal wear and tear.
 - Incidental or consequential damages arising from a vehicle failure or defects in the ROUSH CleanTech system including, without limitation, inconvenience, cost of transportation including rental vehicles, telephone calls, meals, accommodations, loss of personal or commercial property, loss of pay, income, profits, or business opportunities.

- Ford vehicle recalls or service campaign warranty claims.
- Appearance items that results from use and/or exposure to the elements including, but not limited to, rain, snow, excessive heat or cold, lightning, hail, windstorm, earthquake, road salt, water or flood; surface corrosion, chips, dents, scratches, customer neglect or normal wear and tear.

Component Coverage by Manufacturer

The following pages lists powertrain component coverage responsibility and whether the component is covered under the 5-Year Base Warranty for these Blue Bird Vision products:

- Propane Vision

Propane Vision School Bus

		ROUSH CleanTech Warranty Coverage
Component	Warranty Coverage	Base 5 Year Coverage
Base Engine (From Ford)		
6.8L Engine	Ford	

FEAD: 1st Sheave	
Eng Water Pump	Blue Bird
Brkt - P/S Pump	ROUSH CleanTech
P/S Pump	Blue Bird
Pulley - P/S Pump	ROUSH CleanTech
Idler - Accessory Drive	ROUSH CleanTech
Brkt - Alt Delete Pulley	ROUSH CleanTech
Pulley - Accessory Drive	ROUSH CleanTech
Brkt - A/C Compressor (1st Sheave)	ROUSH CleanTech
A/C Compressor (1st Sheave)	Blue Bird
Tensioner - 1st Sheave w/ AC	ROUSH CleanTech
Belt - Main Sheave Full Content	ROUSH CleanTech
Tensioner - 1st Sheave w/o AC	ROUSH CleanTech
Belt - Main Sheave w/o A/C	ROUSH CleanTech

FEAD: 2nd Sheave	
Adapter - PTO Driver	ROUSH CleanTech
PTO Asy - 2nd Sheave	ROUSH CleanTech
Brkt - Bridge Support	ROUSH CleanTech
Tensioner - 2nd sheave	ROUSH CleanTech
Idler - Accessory Drive	ROUSH CleanTech
Pulley - Accessory Drive	ROUSH CleanTech
Pulley - Air Pump Driver	ROUSH CleanTech
Brkt - Eng Lifting Eye	ROUSH CleanTech
A/C Compressor (2nd Sheave)	Blue Bird
Brkt - A/C Delete	ROUSH CleanTech
Pulley - A/C Delete	ROUSH CleanTech
Alternator - 240A	Blue Bird
Alternator - 270A	Blue Bird
Alternator - 320A	Blue Bird
Pulley - Alternator	Blue Bird
Belt - Second Sheave (Full Content)	Blue Bird
Belt - Second Sheave (non-A/C Option)	Blue Bird

Propane Vision School Bus (continued)

		ROUSH CleanTech Warranty Coverage
Component	Warranty Coverage	Base 5 Year Coverage
FEAD: 3rd Sheave		
Air Pump Asy	Blue Bird	
Pulley - Air Pump	ROUSH CleanTech	•
Line - Air Pump Oil Feed	ROUSH CleanTech	•
Line - Air Pump Oil Return	ROUSH CleanTech	•
T-Fitting - Air Pump Oil Feed	ROUSH CleanTech	•
Elbow - 1/2 NPT - 5/8 Tube	ROUSH CleanTech	•
Adaptor - 1/8 Pipe to 1/4 Tube	ROUSH CleanTech	•
Adaptor - 1/4 Pipe to 1/4 Tube	ROUSH CleanTech	•
Belt - Air Pump Drive	Blue Bird	

Fuel System (LPG)		
Fuel Line - Rail Supply	ROUSH CleanTech	•
Fuel Line - Rail Return	ROUSH CleanTech	•
Fuel Rail Asy	ROUSH CleanTech	•
Fuel Rail Pressure Sensor (IPTS)	ROUSH CleanTech	•
FRPCM Purge Line Asy	ROUSH CleanTech	•
Forward Fuel Line - Feed	ROUSH CleanTech	•
Forward Fuel Line - Return	ROUSH CleanTech	•
Fuel Tank & Line Kit	ROUSH CleanTech	•
Bleed Valve - remote mounted	ROUSH CleanTech	•
Fuel Fill Valve Assy - body mounted	ROUSH CleanTech	•
Bleeder Line (2-different lengths)	ROUSH CleanTech	•
Fuel Rail Pressure Control Module	ROUSH CleanTech	•
Vapor Canister & Brkt Asy	ROUSH CleanTech	•
Canister Fresh Air Inlet Line	ROUSH CleanTech	•
Hose - Canister Purge Line	ROUSH CleanTech	•
Fuel Supply Line - Chassis	ROUSH CleanTech	•
Fuel Return Line - Chassis	ROUSH CleanTech	•

Engine Lubrication System		
Crankcase Vent Tube	ROUSH CleanTech	•
PCV Closure Hose	ROUSH CleanTech	•
Dipstick - Eng Oil	ROUSH CleanTech	•
Dipstick Tube - Eng Oil	ROUSH CleanTech	•

Propane Vision School Bus (continued)

		ROUSH CleanTech Warranty Coverage
Component	Warranty Coverage	Base 5 Year Coverage
Miscellaneous		
Shield - Exhaust Manifold (RH)	ROUSH CleanTech	•
Shield - Exhaust Manifold (LH)	ROUSH CleanTech	•
Cap - Water Inlet Port	ROUSH CleanTech	•
Mounting		
Brkt - RH off Eng Mount	ROUSH CleanTech	•
Brkt - LH off Eng Mount	ROUSH CleanTech	•
Isolator Asy - Eng Mount (RH)	ROUSH CleanTech	•
Isolator Asy - Eng Mount (LH)	ROUSH CleanTech	•
Cross Member - Engine	Blue Bird	
Transmission		
Base 6R140 Transmission	Ford	
Plug - Torque Convertor Access	ROUSH CleanTech	•
Cover - Cylinder Block Opening	ROUSH CleanTech	•
Plate - Engine Rear Cover	ROUSH CleanTech	•
Cooling		
Fan Clutch	ROUSH CleanTech	•
Fan	ROUSH CleanTech	•
Air Cleaner		
Air Cleaner Assembly	ROUSH CleanTech	•
MAF Sensor	ROUSH CleanTech	•
Exhaust		
Y-Pipe Assembly	ROUSH CleanTech	•
Isolator - Hot End	ROUSH CleanTech	•
Catalyst Assembly	ROUSH CleanTech	•
Isolator - Cold End	Blue Bird	
Exhaust Manifold and Studs	Ford	
Muffler	Blue Bird	
Exhaust Piping	Blue Bird	

Propane Vision School Bus (continued)

		ROUSH CleanTech Warranty Coverage
Component	Warranty Coverage	Base 5 Year Coverage
Electrical		
Starter Motor	ROUSH CleanTech	•
Shield - Starter Motor	ROUSH CleanTech	•
PCM	ROUSH CleanTech	•
Calibration - PCM	ROUSH CleanTech	•
CMS Sensor (Post-Cat O2 Sensor)	ROUSH CleanTech	•
UEGO Sensor (Pre-Cat O2 Sensor)	ROUSH CleanTech	•
Gateway Module - LPG Programmed	ROUSH CleanTech	•
Relay - Fuel Pump (EFPR)	ROUSH CleanTech	•
Engine Block Heater	ROUSH CleanTech	•
Wiring - Engine Block Heater	ROUSH CleanTech	•
Fuel Tank Wiring Harness	ROUSH CleanTech	•
Engine and Chassis Wiring Harnesses	Blue Bird	

Driver Controls	
Accelerator Pedal	ROUSH CleanTech
Switch - Brake Pedal	ROUSH CleanTech

Label Kits	
Label - Propane Fuel Only	ROUSH CleanTech
Label - Overflow Protection Device	ROUSH CleanTech
Label - Bleeder Valve Inspection	ROUSH CleanTech
Label - Fuel Rail Service Port Warning	ROUSH CleanTech
Label - 350 psig Design Pressure	ROUSH CleanTech
Label - Hang Tag	ROUSH CleanTech
Label - Diamond Propane - Reflective	ROUSH CleanTech
Certification Label	ROUSH CleanTech

Canadian Label Kit (French)	
Label - Propane Fuel Only for Canada	ROUSH CleanTech
Label - Overflow Protection Device	ROUSH CleanTech
Label - OPD Inspection	ROUSH CleanTech
Label - Fuel Rail Service Port Warning	ROUSH CleanTech
Label - 350 psig Design Pressure	ROUSH CleanTech
Label - Hang Tag	ROUSH CleanTech
Label - Diamond Propane - Reflective	ROUSH CleanTech
Certification Label	ROUSH CleanTech