

# LIMITED WARRANTY STATEMENT

# A. BASIC DESCRIPTION OF COVERAGE

On the Blue Bird Propane-Powered Vision Bus, ROUSH CleanTech offers a limited warranty on the Liquid Propane Autogas Fuel System, certain engine Front End Accessory Drive (FEAD) components and certain Ford Components for 5 years / unlimited miles (on Buses manufactured after September 01, 2014), as defined below and covered in more detail in the Owners Guide for the Product, and in the ROUSH CleanTech Warranty and Policy Manual.

# Note; Blue Bird Propane-Powered Vision Buses with the ROUSH CleanTech Liquid Propane Autogas Fuel System manufactured prior to September 01, 2014 are covered by this 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.

# B. LIMITED WARRANTY OVERVIEW

#### **Assumptions:**

 ROUSH CleanTech is providing limited warranty coverage for 5 years / unlimited miles (warranty expires by time) based on vehicle in-service date. 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 responsibility of same party as for base warranty.

#### NOTE: Units Manufactured prior to September 01, 2014 carry a 5 year / 100,000 mile warranty.

- Content to be covered includes ROUSH CleanTech Propane Autogas Fuel System and specified related components including the gateway module, vapor canister, and FEAD components except those mentioned in "exclusions" below or identified as FORD or BLUE BIRD Warranty Responsibility in Section C, 'COMPONENT COVERAGE'.
- 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.
- Transportation costs, such as towing, require pre-approval.
- All warranty repairs must be completed at authorized Blue Bird service centers.

## Exclusions:

- Specified components such as the water pump, power steering pump, air conditioning compressors, and air pump, are not covered by Roush warranty. See Section C for warranty responsibility.
- 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.
- Exclusions as detailed in the Owners Guide for the Product, specifically including the following:
  - Use of fuel other than HD-5 Automotive Grade Liquid Propane Autogas Fuel.
    - System performance caused by operation in ambient temperatures below -20°F or above 110°F, including:
      - Slow or no fills caused by high tank temperature.
      - Long cranks or no-starts cause by high system pressures.
      - Rough idle, lacks performance, or stalling caused by high system pressures.
      - Propane venting through pressure relief system caused by tank pressures above 312 PSI.
      - Propane leak / odor at temperatures below -20°F.
    - Road hazards, misuse, abuse, neglect, accidents, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle.
    - Exposure of the Roush 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.

# C. <u>COMPONENT COVERAGE</u>

Component	Responsible For Warranty
Base Eng (From Ford)	
6.8L Engine	Ford
FEAD: 1st Sheave (6K)	
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 Pulley - Accessory Drive	ROUSH CleanTech ROUSH CleanTech
FEAD: 2nd Sheave (8K)	ROOSH Clearrech
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
Fuel System (LPI Conversion)	
Fuel Line - Rail Supply	ROUSH CleanTech
Fuel Line - Rail Return	ROUSH CleanTech
Fuel Rail Asy	ROUSH CleanTech
Lubrication System	
Crankcase Vent Tube	ROUSH CleanTech
PCV Closure Hose	ROUSH CleanTech
Dipstick - Eng Oil	ROUSH CleanTech
Dipstick Tube - Eng Oil	ROUSH CleanTech
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
FEAD: 1st Sheave (6K)	
Brkt - A/C Compressor (1st Sheave)	ROUSH CleanTech
A/C Compressor (1st Sheave)	Blue Bird
Tensioner - 1st Sheave w/ AC Belt - Main Sheave Full Content	ROUSH CleanTech
FEAD: 2nd Sheave (8K)	ROUSH CleanTech
	Blue Bird
A/C Compressor (2nd Sheave) FEAD: 1st Sheave (6K)	Blue Blid
Tensioner - 1st Sheave w/o AC	ROUSH CleanTech
Belt - Main Sheave w/o A/C	ROUSH CleanTech
FEAD: 2nd Sheave (8K)	
Brkt - A/C Delete	ROUSH CleanTech
Pulley - A/C Delete	ROUSH CleanTech
FEAD Kit Option #3 Air Pump Content	
FEAD: 3rd Sheave (4K tensionerless)	1
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
FEAD: 2nd Sheave (8K)	
Alternator - 240A	Blue Bird
Alternator - 270A	Blue Bird
Alternator - 320A	Dive Dive
	Blue Bird
Pulley - Alternator	Blue Bird

Component	Responsible For Warranty
FEAD: 3rd Sheave (4K Tensionerless)	Dire Diad
Belt - Air Pump Drive	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
<u>Exhaust</u>	
Y-Pipe Assembly	ROUSH CleanTech
Isolator - Hot End	ROUSH CleanTech
Catalyst Assembly	ROUSH CleanTech
Isolator - Cold End	ROUSH CleanTech
Electrical	DOUGU ClearTech
Starter Motor	ROUSH CleanTech
Shield - Starter Motor PCM	ROUSH CleanTech ROUSH CleanTech
Calibration - PCM	ROUSH CleanTech
CMS Sensor	ROUSH CleanTech
UEGO Sensor	ROUSH CleanTech
Gateway Module - LPG Programmed	ROUSH CleanTech
Software to control Fuel System	ROUSH CleanTech
Software to PCM & Bus J1939	ROUSH CleanTech
Relay - Fuel Pump (EFPR)	ROUSH CleanTech
Engine Block Heater	ROUSH CleanTech
Wiring - Engine Block Heater	ROUSH CleanTech
Switch - Brake Pedal	ROUSH CleanTech
Driver Controls	
Accelerator Pedal	ROUSH CleanTech
Cross Member - Engine	Blue Bird
Fuel/Evap System	DOUGH Characteria
FRPCM Purge Line Asy	ROUSH CleanTech
Forward Fuel Line - Feed Forward Fuel Line - Return	ROUSH CleanTech 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
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 Label - Hang Tag	ROUSH CleanTech ROUSH CleanTech
Label - Diamond Propane - Reflective	ROUSH CleanTech
Certification Label	ROUSH CleanTech
Canadian Label Kit (French)	ROUSH CleanTech
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