



# **Limited Warranty and Policy Manual**

Published: February, 2012

Revised January, 2016

# **Table of Contents**

1. Field Operations Mission Statement
2. Warranty Contact Information
3. Statement of Warranty
4. Covered Components
5. Emissions Warranty
6. Important Points and Exclusions

## Field Operations Mission Statement

ROUSH CleanTech is dedicated to developing the most innovative and reliable alternative fuel powered products while providing our customers with the means of attaining a cleaner emissions profile, a positive return for their investment, and the very best ownership experience.

The Field Operations Team is committed to ensuring that each vehicle issue is resolved timely and effectively through the creation of a best-in-class service network. The development and support of this network will include a comprehensive training program, automated claim and repair processing system, advanced diagnostic manuals, troubleshooting tools and world-class customer support from our team of qualified experts.

ROUSH CleanTech's mission statement expresses the commitment made to ROUSH CleanTechs' Authorized Service Network and end users to stand behind our products and provide **world-class customer support**. Part of achieving this standard of excellence is adherence to the following *Warranty and Policy Manual* for the ROUSH CleanTech System to ensure all warranty claims are handled in a timely and effective manner.

For more information, please go to [ROUSHcleantech.com](http://ROUSHcleantech.com).

## Warranty Contact Information

<b>Address</b>	<b>ROUSH CleanTech</b> Attention; Warranty Administrator 12170 Globe St Livonia, MI 48150
<b>Phone</b>	<b>(800) 59.ROUSH – (800) 597-6874</b> prompt 2 for ROUSH CleanTech – prompt 2 for service
<b>Office Hours</b>	Monday – 8:00am – 5:00pm, EST Tuesday – 8:00am – 5:00pm, EST Wednesday – 8:00am – 5:00pm, EST Thursday – 8:00am – 5:00pm, EST Friday – 8:00am – 5:00pm, EST
<b>Technical Hot-Line Hours</b>	Monday – 8:00am – 8:00pm, EST Tuesday – 8:00am – 8:00pm, EST Wednesday – 8:00am – 8:00pm, EST Thursday – 8:00am – 8:00pm, EST Friday – 8:00am – 8:00pm, EST
<b>Email</b>	<a href="mailto:Cleantech.Warranty@roush.com">Cleantech.Warranty@roush.com</a>
<b>Technical Assistance</b>	<a href="http://www.ROUSHcleantech.com/Service">www.ROUSHcleantech.com/Service</a>

## Statement of Warranty

### General Warranty Information:

Vehicles powered by the ROUSH CleanTech propane autogas fuel system are offered limited warranty coverage through ROUSH CleanTech for the fuel system components. The ROUSH CleanTech propane autogas fuel system conforms to both **Federal Environmental Protection Agency (EPA)** and **California Air Resources Board (CARB)** regulations. Details of the features of each of these warranties are explained below and are also found in the ROUSH CleanTech Owner's Manual Supplement for the specific vehicle in question.

### ROUSH CleanTech Limited Warranty: Who is covered?

The ROUSH CleanTech warranty is limited to the original purchaser and any subsequent purchaser of the vehicle in which the ROUSH CleanTech propane autogas fuel system is installed. This limited warranty is secondary to all other warranties and manufacturer recalls that may be in effect for the vehicle. The ROUSH CleanTech propane autogas fuel system must be installed by ROUSH CleanTech or a ROUSH CleanTech Authorized Installation Center in order for this limited warranty to be valid.

### Warranty Period and Coverage for Non-Emissions ROUSH CleanTech Parts:

#### Installations on Pre-Titled Vehicles:

The "**Warranty Period**" for non-emissions ROUSH CleanTech Part(s) comprising the ROUSH CleanTech System is limited to 5 years / 60,000 miles\*, whichever occurs first, after the "**Warranty Start Date**" of the vehicle.

The "**Warranty Start Date**" is the vehicle's original in-service date as determined by the Ford Dealer On-Line Service Information System (OASIS) report for the vehicle regardless of when the ROUSH CleanTech propane autogas fuel system is installed.

- 2007 ½ or 2008 F-150 ROUSH CleanTech propane autogas fuel systems are covered for 3 years / 36,000 miles, whichever occurs first.
- Blue Bird Vision Bus with the Ford 6.8L / ROUSH CleanTech propane autogas fuel system;
  - Units produced prior to September 01, 2014
    - 5 year / 100,000 mile warranty
  - Units produced September 01, 2014 and later
    - 5 year / Unlimited mile warranty

*Please refer to the ROUSH CleanTech / Blue Bird Limited Warranty Statement or the Blue Bird Vision Owners Guide for additional details.*

## **Installation on Post-Titled Vehicles:**

The **Warranty Period** for retrofits (conversions of vehicles from gasoline fuel systems to the ROUSH CleanTech propane autogas fuel system that have been operated on gasoline for over 200 miles) is the years / mileage remaining on the Ford warranty of 5 years / 60,000 miles\* at the time of retrofit (e.g. a vehicle with 3 years / 30,000 miles at the time of conversion will be covered for 2 years / 30,000 remaining miles, whichever occurs first). If the vehicle has no remaining warranty, the coverage period is 12 Months / 12,000 miles.

- 2007 ½ or 2008 F-150 ROUSH CleanTech propane autogas fuel systems are covered for 3 years / 36,000 miles, whichever occurs first, from time of “Warranty Start Date”.

This warranty covers defects in materials and workmanship of the ROUSH CleanTech Part(s) and their installation after the Warranty Start Date. The original Ford Motor Company warranty continues in force on all other vehicle components, except those Ford parts replaced by the ROUSH CleanTech Part(s). For example, when the Ford fuel tank is replaced by the ROUSH CleanTech propane autogas fuel system fuel tank, the Ford warranty no longer applies to the installed ROUSH CleanTech propane autogas fuel system fuel tank. During the Warranty Period, ROUSH CleanTech will repair, replace or adjust any defective ROUSH CleanTech Part(s) on the vehicle or other substantially damaged areas on the vehicle that result directly from interaction with the defective ROUSH CleanTech Part(s).

## **How Do I Get Service for Non-Emissions ROUSH CleanTech Parts?**

For warranty service on non-emissions ROUSH CleanTech Part(s), ROUSH CleanTech recommends that you take your vehicle to a ROUSH CleanTech Authorized Service Center. To locate a ROUSH CleanTech Authorized Service Center, please visit our “Dealer Locator” at [www.ROUSHCleanTech.com](http://www.ROUSHCleanTech.com) to locate the service center closest to you. Or call us at 800.59.ROUSH (800.597.6874).

ROUSH CleanTech will promptly assess the claim and decide how to proceed. To the extent that the Ford warranty is involved, the final action will be determined by a combined analysis by the Ford dealer, Ford Motor Company and a ROUSH CleanTech representative. The Ford dealer must receive ROUSH CleanTech’s written authorization before beginning any work to be billed to ROUSH CleanTech.

ROUSH CleanTech reserves the right to transport your vehicle to a ROUSH CleanTech Authorized Service Center or a ROUSH CleanTech production facility for any repair or replacement of ROUSH CleanTech Part(s).

This limited warranty does not cover the cost of rental cars during the performance of any such repair or replacement service, whether performed at an authorized ROUSH CleanTech repair facility and/or Ford dealership.

## **Warranty Exclusions:**

This limited warranty covers only defects in material or workmanship of the ROUSH CleanTech propane autogas fuel system and ROUSH CleanTech Part(s) therefore, and does not apply to the vehicle in which the ROUSH CleanTech propane autogas fuel system is installed, any engine components, the ignition, clutch, transmission, or damage or failure related to:

- Use of fuel other than HD-5 automotive grade liquid propane autogas fuel.
- Improper installation, repair or use of the propane system.
- Alteration, modification or disassembly of the ROUSH CleanTech system, the vehicle or Ford parts that affect ROUSH CleanTech Part(s) without ROUSH CleanTech's prior written approval; installation of non-genuine ROUSH CleanTech Part(s).
- Covered ROUSH CleanTech Part(s) being tampered with, modified or altered from their original configuration; ROUSH CleanTech Part(s) that fail due to tampering with other ROUSH CleanTech Part(s) comprising the ROUSH CleanTech propane autogas fuel system or Ford parts; and failures caused by defects in Ford parts that are not covered by this warranty.
- Overheating, failure to follow recommended maintenance of the ROUSH CleanTech Part(s) including use of fluids other than those specified in the Ford Owner's Guide and this ROUSH CleanTech Supplemental Owner's Guide, fuel contamination and / or lack of lubrication.
- Installation of the propane system in a vehicle other than the intended vehicle application and model year specified by ROUSH CleanTech or in a vehicle equipped with insufficient vehicle systems that do not allow for proper operation of the propane system.
- Road hazards, misuse, abuse, neglect, accidents, collision, fire, theft, freezing, vandalism, riot, explosion or objects striking the vehicle.
- Exposure of the ROUSH CleanTech Part(s) to excess moisture, water or any motor vehicle fluids (e.g. oil, anti-freeze, battery acid, brake fluid, etc).
- Acts of nature and any cause beyond the control of ROUSH CleanTech.
- Misusing the vehicle, such as driving over curbs, overloading, racing, or using the vehicle as a stationary power source.
- Vehicles with altered odometers for which the actual vehicle mileage cannot be readily determined.
  
- System performance that could be caused by operation in ambient

temperatures below -20°F or above 110°F, including but not limited to the following:

- Slow or no fills caused by high tank temperature.
  - Long cranks or no-starts caused 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.
- 
- 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 negotiable on an incident-by-incident basis.

This warranty does not cover the cosmetic appearance of the ROUSH CleanTech Part(s) 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.

ROUSH CleanTech Component damage as a result of an accident – parts will be purchased by repair center repairing vehicle. Repair center is responsible for billing insurance company liable for repair.

ROUSH CleanTech Component failures due to consequential damage as a result of another system failure – parts will be purchased by repair center repairing vehicle. Repair center is responsible for billing component to the appropriate warranty covering repair.



## IV. Component Warranty Coverage

Part Name	2007 / 2008 MY F-150 3yr/36k	ROUSH CleanTec h Products	Out of Warranty Retrofit 12m/12k	All Models Emissions
<b>FUEL TANK SUBASSEMBLY</b>				
Fuel Tank				X
Multivalve with O-Ring				X
Mechanical 80% Fill valve when equipped		X	X	
Bracket - Fuel Level Sending Unit and 80% Sensor	X	X	X	
Shield, fuel tank heat, rear tank body	X	X	X	
Shield, fuel tank heat, front tank body	X	X	X	
Shield, fuel tank heat, Tank Hdr Cap	X	X	X	
Shield, left in bed tank fuel line	X	X	X	
Shield, right in bed tank fuel line	X	X	X	
Shield, upper in bed tank fuel line	X	X	X	
Bracket and crush sleeve, 61.9 MM Tank Mounting	X	X	X	
Bracket and crush sleeve, 87.4 MM Tank Mounting	X	X	X	
Bracket, Left side 8.0' Bed Tank Mounting	X	X	X	
Bracket, Right side 8.0' Bed Tank Mounting	X	X	X	
O-Ring Collar Cover-Grommett	X	X	X	
Brace, In Bed Fuel Tank Upper Cross	X	X	X	
Brace, Lower in Bed Tank Fuel Cross	X	X	X	
Brace, In Bed Fuel Tank Middle Cross	X	X	X	
In Tank Filter	X	X	X	
In Tank Filter Bracket	X	X	X	
Sending Unit, Fuel Level	X	X	X	
Sending Unit Bracket, Fuel Level	X	X	X	
Fuel Pump Assembly				X
Fill solenoid	X	X	X	
Supply solenoid	X	X	X	
Supply excess flow check valve	X	X	X	
Pump, Jet				X
Bleeder valve on tank	X	X	X	
Remote bleeder valve	X	X	X	
Grommet, Pressure Relief Hose Pass Thru	X	X	X	
Isolator Pad	X	X	X	
Bracket, 4X4 Midship Bearing Mounting	X	X	X	
Bracket, Front Cross Member w/mid-ship bearing	X	X	X	
Bracket, Rear Frame Mounting	X	X	X	

## IV. Component Warranty Coverage

Part Name	2007 / 2008 MY F-150 3yr/36k	ROUSH CleanTec h Products	Out of Warranty Retrofit 12m/12k	All Models Emissions
Bracket, Front OM Frame Mounting	X	X	X	
Bracket, Front Frame Mounting	X	X	X	
Bracket, Cross Member Mounting	X	X	X	
Bracket, Rear Cross Member Mounting	X	X	X	
Bracket, Rear E350 Frame Mounting	X	X	X	
Bracket, Front E350 Frame Mounting	X	X	X	
Bracket, RH Aft Axle Fuel Tank Mounting	X	X	X	
Bracket, LH Aft Axle Fuel Tank Mounting	X	X	X	
Bracket, Fuel Filter	X	X	X	
Bracket, VMV Valve Mounting	X	X	X	
Bracket, Rear Fuel Line Support	X	X	X	
Bracket, Trans Dipstick Support	X	X	X	
Bracket, Outlet Nozzle	X	X	X	
Bracket, FRPCM to Intake	X	X	X	
<b>FUEL RAIL SUBASSEMBLY</b>				
Fuel Rail Injector Assembly				X
Fuel Rail Assembly				X
Fuel IPTS - 10K OHM Thermistor				X
Fuel Rail Service Port(Schrader) with Cap				X
Fuel Injector (after fuel rail removal*)				X
FRPCM (Fuel Rail Pressure Control Module)				X
SRM (Smart Relay Module)				X
FRPCM Purge Hose Assembly				X
Vapor Tube Assembly				X
FTP Sensor-Hose Assembly				X
<b>WIRING SUBASSEMBLY</b>				
Wire Harness, Vehicle				X
Fuse Box Bracket	X	X	X	
Jumper Harness-Fuel Injector				X
IPTS Jumper Harness				X
<b>FUEL LINE SUBASSEMBLY</b>				
3/8" Remote Fill Line, Nozzle to Filter	X	X	X	
3/8" Remote Fill-Line - Filter to Tank	X	X	X	
Bracket, Fuel Filler Neck Mounting	X	X	X	
Fuel filler neck valve		X	X	X
Fuel Filter Bracket	X	X	X	

## IV. Component Warranty Coverage

Part Name	2007 / 2008 MY F-150 3yr/36k	ROUSH CleanTec h Products	Out of Warranty Retrofit 12m/12k	All Models Emissions
Fuel Filter Assembly	X	X	X	
Solenoid, Flow Control				X
<b>INDUCTION SYSTEM (F-150 and F-250 ONLY)</b>				
Airbox Lid With Hydro Carbon Trap				X
Upper Air Box Tray	X		X	
CAP, 3/8 VMV Outlet Vacuum				X
CAP, 1/4 IPTS Mn Vac Vacuum				X
<b>LABELING</b>				
Diamond Propane-Reflective (Tailgate)	X	X	X	
Label-Propane Fuel Only	X	X	X	
Label - Overflow Protection Device (Fuel Door)	X	X	X	
Label-Bleeder Valve Inspection	X	X	X	
Label-Fuel Rail Service Port Warning	X	X	X	
Label, 350 PSIG Design Pressure (MV Supply Solenoid)	X	X	X	
Label, fuel rail assy, LH 350 PSIG design pressure	X	X	X	
Label, fuel rail assy - RH 350 PSIG design pressure	X	X	X	
Label, Tank Valve Information	X	X	X	
Label, Rear View Mirror Hang Tag	X	X	X	
Label, FTC In Bed Tank Window	X	X	X	
Label, FTC Under Vehicle Tank Window	X	X	X	
Label, FTC- F150 Toroidal Tank	X	X	X	
Label, FTC- In Bed Tank - F-150	X	X	X	
Label, Left Hand Fuel Rail	X	X	X	
Label, Right-Hand Fuel Rail	X	X	X	
Label, FTC Under Vehicle Tank	X	X	X	
Label, Payload Warning	X	X	X	
Label, PCM Return	X	X	X	
Decal, RPP Stage 3 Processor	X	X	X	
Label, Contents Under Pressure	X	X	X	
Label, Under Vehicle Tank	X	X	X	
Label, FTC Under Vehicle	X	X	X	

## V. Emissions Warranty

### **Emissions Performance Warranty**

Under **Emissions Performance Warranty** coverage, ROUSH CleanTech will repair, replace or adjust, with no charge for labor, diagnosis or parts, any covered emissions control device or system of the ROUSH CleanTech System if **all** of the following conditions are met:

- The vehicle has been maintained and operated according to the instructions on proper care identified in the Ford Owner's Guide, the Ford Schedule Maintenance Guide, and this ROUSH CleanTech Supplemental Owner's Guide.
- The vehicle fails to conform, during the warranty coverage period, to the applicable national EPA standards, as determined by an EPA approved inspection and maintenance program.
- The vehicle owner is subject to a penalty or sanction under local, state, or federal law because the vehicle has failed to conform to the emissions standards. (A penalty or sanction can include when the vehicle owner is denied the right to use his/her vehicle.)
- The ROUSH CleanTech System installed on the vehicle has not been tampered with, misused or abused.

The Emissions Performance Warranty coverage period for:

Heavy duty trucks with a (GVWR) over 8,500 lbs. up to 19,500 lbs. is:

- **5 years/50,000 miles (whichever occurs first) for all other covered parts.**

See **WHAT IS COVERED? (Federal Requirements)** list below for covered parts

<p><b>NOTE:</b> For either the <b>Emissions Performance Warranty</b> or the <b>Emissions Defects Warranty</b>, the <b>Warranty Period</b> begins on the <b>Warranty Start Date</b> as specified earlier in this booklet.</p>
--

## Emissions Defects Warranty

During the **Warranty Period**, ROUSH CleanTech warrants that:

The ROUSH CleanTech System installed on a vehicle is designed, built and equipped to meet at the time of original sale the emissions regulations of the U.S. Environmental Protection Agency (EPA).

The ROUSH CleanTech System installed on a vehicle is warranted to be free from defects in materials or workmanship that could prevent it from conforming to applicable EPA regulations. A vehicle owner will not be charged for diagnosis, repair, replacement, or adjustment of defective emissions-related parts listed under **WHAT IS COVERED? (Federal Requirements)** as found below.

The Emissions Defect Warranty coverage period for:

Heavy duty trucks with a (GVWR) over 8,500 lbs. up to 19,500 lbs. is:

- **5 years/50,000 miles (whichever occurs first) for all other covered parts.**

**NOTE:** For either the **Emissions Performance Warranty** or the **Emissions Defects Warranty**, the **Warranty Period** begins on the **Warranty Start Date** as specified earlier in this booklet.

## WHAT IS COVERED? (Federal Requirements)

The ROUSH CleanTech Components in the following list are covered by both the **Emissions Defects Warranty** and the **Emission Performance Warranty**.

Air Flow Sensor	Air/Fuel Feedback Control System / Sensors
Air Induction System	Catalytic Converter
Electronic Ignition System	Exhaust Pipe (Manifold to Catalyst)
Electronic Engine Control Sensors and Switches	Electronic Engine Control Unit (ECU)
Exhaust Manifold	Fuel Filler Cap and Fill Valve
Fuel Injection System	Fuel Injector Supply Manifold
Liquid Propane Autogas Fuel Tank	Ignition Coil and/or Control Module
Intake Manifold	Malfunction Indicator Lamp (MIL) / On-Board Diagnostic (OBD) System
PCV System and Oil Filler Cap	Spark Control Components
Thermostat	Throttle Body Assembly (MFI)
Vacuum Distribution System	Evaporation Emission Control System
Fuel Pressure Control Valve	Fuel Rail Pressure Control Module (FRPCM)
Smart Relay Module (SRM)	

**Note:** Extended Federal Warranty coverage covers three specific major emissions control components: Catalytic converters electronic emissions control unit (ECU) The onboard emissions diagnostic device or computer (OBD) for 8 years / 80,000 miles

## **Important Information about the List of Parts**

Also covered by the two emissions warranties are all emissions related bulbs, hoses, clamps, brackets, tubes, gaskets, seals, belts, connectors, non-diesel fuel lines and wiring harnesses that are used with components on the list of parts.

ROUSH CleanTech Part(s) that should be replaced on a specific maintenance schedule remain under warranty until: (a) the first replacement time that is specified in your Ford Owner's Guide, the Ford Scheduled Maintenance Guide and this ROUSH CleanTech Supplemental Owner's Guide; or (b) the time or mileage limits of the **Federal Emissions Defects Warranty** and the **Emission Performance Warranty** (whichever occurs first). All Ford authorized dealers that sell ROUSH CleanTech vehicles maintain a complete list of parts covered by emissions warranties.

For more detail about the specific parts covered by the **Emissions Defects Warranty**, contact ROUSH CleanTech Customer Service between the hours of 8 AM and 5 PM Eastern Time, Monday through Friday, at **800.59.ROUSH (800.597.6874)**.

## **Denial of Coverage**

ROUSH CleanTech may deny warranty coverage if the vehicle converted with the ROUSH CleanTech System or a ROUSH CleanTech Part(s) thereon has failed because of abuse, neglect, improper maintenance, unapproved modifications or alterations, service, repair or any items listed in the **Warranty Exclusions**.

To obtain more information about getting service under **Federal Emissions Performance Warranty**, or to report a violation of the terms of this warranty, you may contact:

Manager, Certification and Compliance Division (6405J) Warranty  
Claims  
Environmental Protection Agency Ariel  
Rios Building  
1200 Pennsylvania Avenue, N.W. Washington,  
D.C. 20460

## **California Air Resources Board (CARB) Requirements for Emissions Warranties\***

This section only applies to those ROUSH CleanTech Systems certified by CARB. Please refer to the vehicle emission control information (VECI) label under the hood to confirm CARB certification.

This chart shows the emission warranty that Ford Motor Company provides for your vehicle under the emissions control warranty in accordance with the regulations of the California Air Resources Board. This coverage is in addition to Federal Emission warranties:

## EMISSIONS WARRANTIES FOR CALIFORNIA CERTIFIED VEHICLES

Type of Coverage	Years in Service/Miles Driven	
Emission defects warranty for vehicles with a GVWR of 14,000 LBS & under	<b>Short Term</b>	<b>3 / 50,000</b>
	<b>Long Term</b>	<b>7 / 70,000</b>
Emission defects warranty for vehicles with a GVWR over 14,000 LBS	<b>5 / 50,000</b>	
Emission Performance Warranty (Vehicles of 14,000 LBS & under)	<b>3 / 50,000</b>	

\*\*These specific parts were selected on the basis of their estimated replacement cost at the time the CARB certified the CleanTech System for sale in California.

### Your Warranty Rights and Obligations (CARB)

The CARB and ROUSH CleanTech are pleased to explain the emission control system warranty on your vehicle. In California, new motor vehicles must be designated, built and equipped to meet the state's stringent anti-smog standards.

ROUSH CleanTech must warrant the emission control system on your vehicle for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your vehicle.

Your emission control system may include parts such as the carburetor or fuel- injection system, the ignition system, catalytic converter and engine computer. Also included may be hoses, belts, connectors and other emission-related assemblies. Where a warrantable condition exists, ROUSH CleanTech or a ROUSH CleanTech Authorized Service Center will repair your vehicle at no cost to you, including diagnosis, parts and labor. To locate a ROUSH CleanTech Authorized Service Centers, go to [www.ROUSHcleantech.com](http://www.ROUSHcleantech.com).

### Warranty Terms and Conditions (CARB Requirements)

\*\* Subject to change, the following states have adopted and are enforcing California emission warranty regulations:

**Medium-Duty Passenger Vehicles (up to 10,000 lbs. GVWR)** designed primarily for the transportation of persons. Excludes incomplete trucks, trucks with a seating capacity either over twelve (12) persons total or over nine (9) persons rearward of the driver's seat, or trucks with an open cargo area of at least six (6) feet of interior length): California, Connecticut, Delaware, Maine, Maryland, Massachusetts, Oregon, Rhode Island, Vermont and Washington.  
**Medium-Duty Vehicles (over 8,500 lbs. GVWR up to 14,000 lbs. GVWR):** Arizona, California, Connecticut, Maine, Maryland, Massachusetts, Oregon, Rhode Island and Vermont. ROUSH

CleanTech or its suppliers will repair or replace defective emission control system parts during the time limit provided under specific conditions. Where a warrantable condition exists, ROUSH CleanTech or a ROUSH CleanTech Authorized Service Center will repair your vehicle at no cost to you including diagnosis, parts and labor.

Visit our “Dealer Locator at [www.ROUSHcleantech.com](http://www.ROUSHcleantech.com) or contact us at 800-59ROUSH (800-597-6874) to locate a ROUSH CleanTech Authorized Service Center near you.

As a vehicle owner you must perform the prescribed maintenance according to schedule in your owner’s manual. Failure to do so will result in a denial of coverage.

Your emission control system may include parts such as the fuel injection system, the ignition system, catalytic converter and the engine control unit. Also included may be hoses, belts, connectors and other emissions-related assemblies.

**NOTE:** New York adopted California emission standards, but not the California Emissions Warranty; the Federal Emissions Control Warranty applies to all non-PZEV vehicles in New York.

### **Emissions Performance Warranty – What is Covered (CARB Requirements)**

Passenger cars, light-duty trucks and medium-duty vehicles are covered for **three (3) years or 50,000 miles** (whichever first occurs).

1. If your vehicle fails a Smog Check inspection, all necessary repairs and adjustments will be made by ROUSH CleanTech or a ROUSH CleanTech Authorized Service Center to ensure that your emission control system meets the PERFORMANCE WARRANTY.
2. If any emission-related part on your vehicle is defective, the part will be repaired or replaced by ROUSH CleanTech or a ROUSH CleanTech Authorized Service Center. This is your short-term emission control system DEFECTS WARRANTY. **For three (3) years or 50,000 miles** (whichever first occurs).
3. If an emission-related part listed in this warranty booklet specially noted with coverage is defective, the part will be repaired or replaced by ROUSH CleanTech or a ROUSH CleanTech Authorized Service Center. This is your long-term emission control system DEFECTS WARRANTY.

### **Short-Term Emissions Defects Warranty – What is Covered (CARB Requirements)**

The specific parts identified below are covered by the Short-Term Emissions Defects Warranty on any new passenger medium-duty truck on which a genuine ROUSH CleanTech System has been installed by a ROUSH CleanTech Authorized Installation Center.

To locate a ROUSH CleanTech Authorized Installation Center, call us at 1-800-59ROUSH or (800-597-6874). You may also visit our “Dealer Locator” at [www.ROUSHcleantech.com](http://www.ROUSHcleantech.com) to locate a service center near you.

During the first **3 years or 50,000 miles**, whichever first occurs, following the **Warranty Start Date**, if any emissions-related part identified below on your vehicle is defective, the



part will be repaired or replaced by ROUSH CleanTech production facility or a ROUSH CleanTech Authorized Service Center.

Air/Fuel Feedback Control System / Sensors	Air Induction System
Catalytic Converter	Electronic Engine Control Unit (ECU)
Electronic Ignition System	Evaporation emission control system
Exhaust gas recirculation (EGR) tube (if present)	EGR valve (if present)
Fuel filler cap and fill valve	Fuel injector supply manifold
Fuel injection system	Fuel pressure control valve
FRPCM	Fuel tank
Malfunction indicator lamp (MIL)/OBD system	Smart relay module (SRM)

### Long-Term Emission Defects Warranty – What is Covered (CARB Requirements)

The specific parts identified below are covered by the Long-Term Emissions Defects Warranty on any new passenger medium-duty truck on which a genuine ROUSH CleanTech System has been installed by a ROUSH CleanTech production facility or a ROUSH CleanTech Authorized Installation Center. If an emissions-related part identified below on your vehicle is defective, the part will be repaired or replaced by ROUSH CleanTech or a ROUSH CleanTech Authorized Service Center. Visit the [www.ROUSHcleantech.com](http://www.ROUSHcleantech.com) to find a ROUSH CleanTech Authorized Service Center near you.

The following is a list of parts that qualify for warranty coverage for the first **seven (7) years or 70,000 miles**, whichever first occurs, following the **Warranty Start Date** if your vehicle has a GVWR of 14,000 lbs. or less and on which a genuine ROUSH CleanTech System has been installed by a ROUSH CleanTech production facility or a ROUSH CleanTech Authorized Installation Center.

Camshaft drive assembly kit - left	Cam timing assembly
Catalytic converter	Dash panel & headlamp junction wiring assembly
EGR tube (5.4L only)	EGR valve (5.4L only)
Electronic ECU	Evaporation canister
Fuel pump	Fuel tank
FRPCM	Powertrain control wiring harness
Solenoid body assembly	Service relay module (SRM)

*\* Some components may be engine specific and may not apply to all.*

### Important Information about the List of Parts Identified under the Short-Term and Long-Term Emissions Defect Warranties

Also covered by this warranty are all emissions-related bulbs, hoses, clamps, brackets, tubes, gaskets, seals, belts, connectors and wiring harnesses that are used with components on the list of parts.

Parts that should be replaced on a specific maintenance schedule remain under warranty until: (a) the first replacement time that is specified in your Ford Owner’s Guide, the Ford

Scheduled Maintenance Guide and this ROUSH CleanTech Supplemental Owner's Guide; or (b) the time or mileage limits of the Defect and Performance Warranties (whichever occurs first). Your Ford authorized dealer that sells ROUSH CleanTech vehicles maintains a complete list of parts covered by emissions warranties. For more detail about the specific parts covered by the Emissions Defects Warranty, contact ROUSH CleanTech Customer Service between the hours of 8 AM and 5 PM Eastern Time, Monday through Friday, at **800.59.ROUSH(800.597.6874)**.

**NOTE: If the diagnosis does not reveal a defect, the Defects Warranty does not apply.**

For more information regarding the specific components covered by the Defects Warranty, contact ROUSH CleanTech Customer Service at **(800) 59ROUSH (800-597-6874)**.

### **Denial of Coverage**

ROUSH CleanTech may deny you warranty coverage if your vehicle or any ROUSH CleanTech Part(s) has failed because of abuse, neglect, improper maintenance, service, repair or unapproved modifications or alterations or any items included in **WarrantyExclusions**.

### **Owner's Warranty Responsibilities**

As the vehicle owner, you are responsible for the performance of the required maintenance identified in the Ford Schedule Maintenance Guide and the ROUSH CleanTech Supplemental Owner's Guide provided with your vehicle. ROUSH CleanTech recommends that you retain all receipts covering maintenance on your vehicle, but ROUSH CleanTech cannot deny warranty coverage solely for lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to a ROUSH CleanTech Authorized Service Center as soon as a problem exists. The warranty repairs should be completed within a reasonable amount of time, not to exceed thirty (30) days.

As the vehicle owner, you should also be aware that ROUSH CleanTech may deny you warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications or alterations.

If you have any questions regarding your warranty rights and responsibilities, or if you want to report what you believe to be a violation of the terms of this warranty, you may contact ROUSH CleanTech Customer Service at **1-800-59ROUSH (800-597-6874)** or the California Air Resources Board at:

State of California Air Resources Board Mobile  
Source Operations Division  
P.O. Box 8001  
El Monte, California 91731-2990

**Additional Information about Your Emissions Warranty Coverage under Federal and California Requirements**

## **How Do I Get Warranty Service?**

For warranty service, ROUSH CleanTech recommends that you take your vehicle to a ROUSH CleanTech Authorized Service Center. To locate a ROUSH CleanTech Authorized Service Center, please visit our “Dealer Locator” at [www.ROUSHCleanTech.com](http://www.ROUSHCleanTech.com) to locate the service center closest to you. Or call us at 800.59.ROUSH (800.597.6874).

ROUSH CleanTech will promptly assess the claim and decide how to proceed. To the extent that the Ford warranty is involved, the final action will be determined by a combined analysis by the Ford dealer, Ford Motor Company and a ROUSH CleanTech representative. The Ford dealer must receive ROUSH CleanTech’s written authorization before beginning any work to be billed to ROUSH CleanTech.

ROUSH CleanTech reserves the right to transport your vehicle to a ROUSH CleanTech Authorized Service Center or a ROUSH CleanTech production facility for any repair or replacement of ROUSH CleanTech Part(s).

This limited warranty does not cover the cost of rental cars during the performance of any such repair or replacement service, whether performed at an authorized ROUSH CleanTech repair facility and/or Ford dealership.

## **Will ROUSH CleanTech reimburse Authorized Service Center for refueling vehicles after in-tank warranty repairs are completed?**

ROUSH CleanTech will reimburse for refueling when in-tank warranty repairs are performed.

- Up to 10 gallons of fuel to diagnose a concern.
- Refuel to “full” level upon completion of repair.

## **How Do I Handle Emergency Repairs?**

If your vehicle needs an emergency warrantable repair to the ROUSH CleanTech System and a ROUSH CleanTech Authorized Service Center, is not available, or the ROUSH CleanTech Authorized Service Center cannot perform warrantable repair(s) within thirty (30) days of their receipt of the vehicle from you, repairs may be performed at any service establishment licensed or certified by the state to maintain and service vehicles fueled by liquid propane autogas or by you using, as applicable, Ford or ROUSH CleanTech equivalent replacement parts. To locate a ROUSH CleanTech Authorized Service Center, please visit our “Dealer Locator” at [www.ROUSHCleanTech.com](http://www.ROUSHCleanTech.com) to locate the service center closest to you. Or call us at 800.59.ROUSH (800.597.6874).

ROUSH CleanTech may authorize reimburse for emergency repairs completed outside of ROUSH CleanTech Authorized Service Network. The reimbursement will not exceed ROUSH CleanTech’s or Ford Motor Company’s suggested retail price for the warranted parts that are replaced and labor charges based on Ford’s or ROUSH CleanTech’s recommended time allowance for the warranty repair and the geographically appropriate hourly labor rate. ROUSH CleanTech will require a detail service work order, any/all applicable receipts and any/all defective take off parts returned for consideration. All applicable replace parts must be

Ford or ROUSH CleanTech approved part(s), or equivalent to the Ford Motor Company or ROUSH CleanTech replacement part(s). If replacement parts other than Ford or ROUSH CleanTech are used, your vehicle emissions control system may not work as effectively, and you may jeopardize your emissions warranty coverage.

For vehicles within the **Warranty Period**, ROUSH CleanTech will repair at no cost to the owner, under the Federal Emissions Warranty, covered emissions failures caused by properly installed Ford or ROUSH CleanTech Part(s) or non-Ford or non-ROUSH CleanTech Part(s) that have been certified by the U.S. EPA. ROUSH CleanTech is not responsible for the cost of repairing any emission failures caused by non-Ford parts or non-ROUSH CleanTech Part(s) that have not been certified by the EPA.

### **What Replacement Parts Should I Use?**

ROUSH CleanTech recommends the use of genuine Ford and ROUSH CleanTech replacement parts only. However, when you are having non-warranty work performed on your vehicle, you may choose to use non-Ford parts or non-ROUSH CleanTech Part(s). If replacement parts other than genuine Ford or ROUSH CleanTech used in the maintenance, replacement or repair of emissions control devices or systems your warranty claim may be denied. Non-warranty repairs may be performed by any automotive repair establishment licensed or certified by the state to maintain and service liquid propane autogas vehicles, or by an individual using Ford or ROUSH CleanTech replacement parts or EPA-certified parts without voiding your Federal Emissions Warranty coverage for future repairs during the Warranty Period.

If you do not maintain your vehicle properly, ROUSH CleanTech reserves the right to deny you warranty coverage.

To have repairs made under this warranty, you may have to show that you have followed Ford and ROUSH CleanTech instructions on properly maintaining and using your vehicle. You will find these instructions in your Ford Owner's Guide and Scheduled Maintenance Guide and this ROUSH CleanTech Supplemental Owner's Guide. Be sure to save your service receipts and to keep accurate records of all maintenance work.

### **Purchase Parts**

Roush CleanTech will warranty replacement parts purchased for a duration of twelve (12) months or 12,000 miles, whichever comes first.

### **Vehicle Uses and Aftermarket Parts**

A vehicle powered by a ROUSH CleanTech Fuel System is engineered for operation on public roadways and is not intended or warranted for racing or other purposes. ROUSH CleanTech does not strictly prohibits modifying or altering the ROUSH CleanTech System, as it was designed to be driven as built and installed on your vehicle.

The installation of aftermarket parts will void the ROUSH CleanTech Limited Warranty.

Failures as a result of such modifications or alterations to the ROUSH CleanTech System made without the prior written approval of ROUSH CleanTech will result in a denial of warranty coverage by ROUSH CleanTech for such damage.

### **Warranty Disclaimer and Limitation of Liability**

To the extent permitted by law, the ROUSH CleanTech Limited Warranty and its remedies are exclusive and in lieu of all other warranties, remedies and conditions, whether oral or written, statutory, express or implied. As permitted by applicable law, ROUSH CleanTech specifically disclaims all express, statutory or implied warranties including, without limitation, the warranties of merchantability, fitness for a particular purpose, against infringement, and against hidden or latent defects. If ROUSH CleanTech cannot lawfully disclaim any statutory or implied warranties then to the extent permitted by law, all such warranties shall be limited in duration to the Warranty Period and the warranty coverage described herein.

Except as provided in this limited warranty and to the extent permitted by law, ROUSH CleanTech is not responsible for special, consequential, incidental or punitive damages resulting from any breach of this written warranty or any implied warranty or condition, or under any other legal theory including, without limitation, loss of earnings, property damages, personal damages, personal injury (including death), personal expenses (food, room, medical, dental) or rental vehicle expenses. ROUSH CleanTech's maximum liability to you for any and all loss or damage, whether as a result of breach of contract, warranty, tort (including negligence and strict liability) or otherwise, shall be limited to the actual price paid by you for the ROUSH CleanTech Part(s) installed on the vehicle that gave rise to the claim.

To locate a ROUSH CleanTech Authorized Installation Center, call us at 1-800-59ROUSH or **(800-597-6874)**. You may also visit our "Dealer Locator" at [www.ROUSHcleantech.com](http://www.ROUSHcleantech.com) to locate a service center near you.

### **Customer Assistance and How State Law Applies**

If you are not satisfied with the handling of a warranty matter, please contact ROUSH CleanTech Customer Service at **800-59ROUSH (800-597-6874)**.

This ROUSH CleanTech Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state.

## **VI. Important Points and Exclusions**

### **Please familiarize yourself with the following important points regarding ROUSH CleanTech's Limited Warranty:**

- All Warranty Claims for of the ROUSH CleanTech System **MUST** be submitted through the web-based ROUSH CleanTech Warranty System (RCTWS) for diagnostic validation and authorization of repairs. If the authorized service center is not registered, please submit the registration form at the end of this manual or visit our website at [www.ROUSHcleantech.com/service](http://www.ROUSHcleantech.com/service) and visit the warranty page to register.

- If ROUSH CleanTech requires the return of any warranty component, please use original packaging with enclosed return-prepaid shipping label. If return label is missing, please call 1-800-59-ROUSH. Payment of warranty claims are provided when the warranty components are received by ROUSH CleanTech. Failure to return warranty parts will cause delay or denial of the claim payment.
- **PLEASE NOTE: Any invoices and payment requests overdue for greater than 60 days from the time of repair authorization will be denied.**
- The ROUSH CleanTech limited warranty may offer reimbursement for towing or transportation expense, not to exceed \$400.00 USD;
  - If the necessity to tow was driven by a ROUSH CleanTech component failure as determine by ROUSH CleanTech Support.
  - If the failure occurs within the first 12 months of operation.
  - Provided the authorized service center includes this line item and description within the case/claim at the time it is opened, for consideration.

**Note, that the vehicle manufacture may offer assistance.**
- If a vehicle is transported to a ROUSH CleanTech Authorized Service Center and the warranty claim is found to be invalid, transportation expenses will be the responsibility of the owner.
- The ROUSH CleanTech limited warranty does NOT cover the cost of rental vehicles during any repair, replacement, or adjustment of any ROUSH CleanTech products.
- **M-time** – “M”-time consideration in one (1) hour to two (2) hour increments may be considered providing the servicing body provides a detailed description within the RCTWS case comments outlining the need for additional time. Details of the additional diagnostics and or repair procedures will be required in the case/claim comments to insure consideration for reimbursement. If the authorized service center feels that more time is needed, they must communicate with ROUSH CleanTech Support through the RCTWS system for approval and additional time limits prior to proceeding with additional diagnostics and/or repairs. This time would be I addition to required diagnostics beyond the one (1) hour of diagnostic time already allowed.
- **Travel time for repairs** – The ROUSH CleanTech limited warranty does NOT cover the cost incurred for travel time, vehicle mileage or remote service of vehicles during any repair, replacement, or adjustment of any ROUSH CleanTech products.