Email of 10/24/2016 to Capital Planning Committee:

The 2014 Freightliner 108SD, FS1247, that Pomfret purchased from us has the following extended warranties:

Extended Basic vehicle 5 years/100,000 miles

Extended single drive axle 5 years/100,000 miles

Extended Fuller transmission 5 years/unlimited miles

Extended Cab and Hood 5 years/100,000 miles

Cummins protection plan 1 and aftertreatment system 5 years/100,000 miles

Extended towing and roadside assistance 5 years/unlimited miles with a \$550.00 cap per incident.

The basic vehicle coverage covers things like the cooling system, HVAC system, electrical system, suspension, steering, driveline/driveshaft.

The drive axle and transmission coverage covers the internal lubricated parts, gears, bearings, etc.

The brochure that I attached lists the Cummins coverage.

I hope this gives you what you need.

Thank you,

Bill Wiley
Sales Manager
Freightliner of New Hampshire, Inc.
165 Heater Road
Lebanon, NH 03766
Tel. 603-443-9955
Fax 603-443-9966
Cel. 603-359-4855
bill.wiley@fnh.com

2010 ISL9, ISC8.3 And ISB6.7 Extended Coverage Terms*

| SCR Assembly Aftertreatment Injector Decomposition Reactor DPF Assembly Water Pump Turbo Fuel Injectors EGR Cooler, EGR Valve, EGR Mixer Cylinder Head Assembly Rocker Lever Assembly ECM Pistons, Rings and Liners Lube Oil Cooler Assembly Cylinder Block Assembly Cylinder Block Assembly Crankshaft Assemblies Front Gear Cover Oil Pan Connecting Rod Assembly Lube Pump Assembly Cam and Bushings Brake Housing, Bushings, Rocker Levers, Roller Pin, Roller, Crosshead Pin, Crosshead, Including Mounting Hardware and Gaskets Engine Cylinder Block Casting Engine Main Bearing Bolts Engine Cylinder Head Capscrews Engine Crankshaft Forging Engine Camshaft Forging Cam Follower Housing Cam Follower Assemblies Engine Connecting Rods and Caps Engine Connecting Rods and Caps Engine Connecting Rod Bolts | |
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| Intake Manifold Castings | Intake Manifold Castings |
| Rocker Lever Housings | |
| Gear Train Gears | Gear Train Gears |

Aftertreatment Extended Coverage**

> Protection Plan 1

Options are available up to 5 years/ 300,000 miles (482,803 km)

Protection Plan 2

Options are available up to 7 years/ 250,000 miles (402,336 km)

 $[\]ensuremath{^{*}}\textsc{Terms}$ and conditions are subject to change.

^{**}Protection Plan 1 EPA 2010 of equal duration is required prior to the purchase of the Aftertreatment Extended Coverage.

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Claims

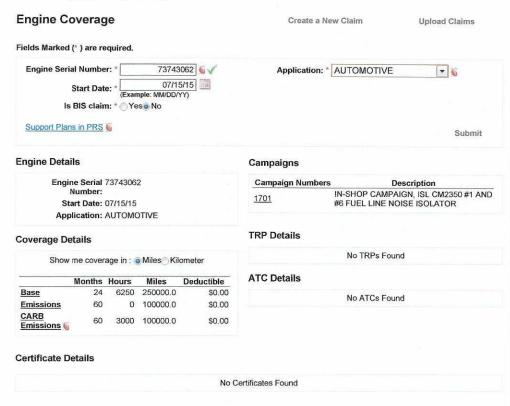
Enter ESN, RO, Control, CSS Job Order#, Claim #, DSID, Failure Coo

Home

Engine Coverage

Claims

You are here: Home > Engine Coverage



Helpful hints Hide **Engine Coverage Engine Serial No:** Enter a Cummins 8-digit (all numeric) serial number. (ex: 79235458) How do I find my Engine Serial Application: The engine application designates the usage of the engine, (e.i. Industrial, Automotive, School Bus) Campaigns: Designed to locate a specific group of engines or service parts after they have been sold by Cummins. Once located, prescribed repairs or modifications are performed during a specified period of time or specified amount of operation.

Coverage:

The extent to which a warranty or other program will pay for failures and repairs.

Reference section 508-006 of the

Warranty Administration Manual

Temporary Repair Practice (TRP):

Identifies specific engines or service parts after they have been sold by Cummins and describes repairs to be performed to them during a specified period of time or a specified amount of operation. Reference section 508-006 of the Warranty Administration Manual.

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Engine base warranty
expires 7/15/17, 250k miles
Emissions warranty
expires 7/15/20, 100k miles



503-057 United States (EPA and CARB) and Canada Automotive Emissions Control System Warranty

The emission control system warranty applies to diesel and spark-ignited (SI) alternate fueled on-highway engines marketed by Cummins that are used in the United States* and Canada.

On-highway engines are identified by the emissions statement on the engine data plate.

NOTE: *United States includes American Samoa, the Commonwealth of Northern Mariana Islands, Guam, Puerto Rico and the U.S. Virgin Islands.

Coverage

| Application | Coverage (Whichever of the two periods (A) or (B) is longer) | What is Covered? | |
|---|--|--|--|
| A. Apply to vehicles registered in the United States and Canada, except California. B. Apply to Federal Government automotive vehicles registered by the Federal Government. | A. 5 years/100,000 miles (160,935 km) (1) OR B. The Base Engine Warranty | Specific Failures (see tables that follow) | |

Emission Control System Warranty

California Air Resources Board (CARB) Certified

- A. Apply to vehicles registered in California.
- A. 5 years/100,000 miles (160,935 km)/3,000 hours (1)(2) **OR**
- B. The Base Engine Warranty
- 1. Whichever occurs first, after the Warranty start date. For on-highway BLPG engines used in nonroad applications, Coverage is 5 years/3,500 hours.
- 2. Hour limitation applies to CARB Coverage and must be verified using the INSITE™ ECM image

The **warranty start date** is the date of delivery of the engine to the first user, the first use of the engine in a leased, rented or loaned unit. There is no demonstration period for on-highway applications.

Vehicle Original Equipment Manufacturer (OEM) Supplied Component List

Listed below are components that are typically supplied by the OEM and therefore need to be serviced and warranted by the OEM, unless the component is supplied by Cummins. If the component is supplied by the OEM, please refer to the OEM for the warranty process for the following components:

NOTE: Vehicle OEM supplied covered component lists are based/administered on generic component noun names and not fail codes:

| Air Handling System and Associated Plumbing | Exhaust System (Upstream of Last Aftertreatment) |
|---|---|
| Ambient Air Temperature Sensor Charge Air Cooler and Associated Plumbing | Exhaust Gas Piping from Turbocharger out to the Last Aftertreatment Devic |
| Compressor Air System and Associated Plumbing | Exhaust Aftertreatment DEF Tank Heater Coolant |
| | Control Valve/para para |

- Hydrocarbon Doser Pressure Regulator/Protection Valve
- Plumbing from the Hydrocarbon Doser Pressure Regulator/Protection Valve to the Hydrocarbon Doser
- DEF Line Heater Control Relay
- DEF Temperature Sensors
- DEF Tank/Lines Heating Elements of Heat Exchanger and pipe
- · DEF Tank and Lines
- DEF Level Sensor
- · DEF Quality Sensor

Engine Electronic Components

 Wire Harness Circuits Connected at Both Ends to Emissions Warrantable Components

Vehicle Electronic Components

- Diesel Exhaust Fluid (DEF) Lamp Only
- On Board Diagnostic (OBD)
 Malfunction Indicator Lamp
 (MIL) Only
- OBD Connector

EPA Emission Warranty Component List

Listed below are the components covered under the EPA Emissions Control System Warranty when failures of these components are caused through normal use and service. Failures caused by not following the maintenance guidelines are not covered including, but not limited to, plugged air and fuel filters. A failed component may receive one of the following methods of coverage depending upon the listed information in the component tables:

- 1. Failure of a component with a listed fail code WITHOUT a listed fault code:
 - The listed fail codes cover the replacement of the component under the EPA Emissions Control System Warranty if found to be the root cause of a failure as indicated by a Cummins repair manual, Cummins troubleshooting tree, or other Cummins approved document.
- 2. OR, Failure of a component with a listed fail code WITH a listed fault code:
 - The listed fail codes with associated listed fault codes cover the replacement and/or repair of the component unless otherwise specified that coverage is excluded with the listed fault code. The root cause of a failure associated with the listed fault code must be the fail code listed. Other requirements that apply to this method of coverage are as follows:
 - The occurrence of the fault code must be within the last 25 engine hours.

- The INSITE™ job image report retrieved from the ECM at the time of diagnosis prior to making any repairs, recalibrations, or adjustments to the ECM calibration contains the fault code. (The INSITE™ job image report does not have to be submitted as part of the claim unless separately requested).
- The failed component caused the listed fault code to be logged within the ECM, as indicated using Cummins published troubleshooting instructions.

<u>NOTE</u>: Where applicable with covered components, associated plumbing, mounting hardware, gaskets, o-rings, and wiring harnesses are covered.

NOTE: When filing an EPA Emissions Control System Warranty claim, use the failed component 4 digit fail code with an EW fail mode.

NOTE: All emission warranty claims must follow the minimum claim documentation requirements outlined in Warranty Administration Manual Procedure 111-512-004.

NOTE: For all EPA Emissions Control System Warranty claims, the repair location is required to print out or electronically save the INSITE™ job image report (all options) retrieved from the ECM at date of failure prior to making any repairs, recalibrations or adjustments to the ECM calibration. This data is to be retained for a period of at least one year after credit has been issued for the claim. Failure to do so may result in claim denial or claim bill-back at the time of Warranty Compliance Review. ECM fault codes are to be cleared once the repair has been completed.

Limitations

The **emission control warranty covers** the following to repair the damage to the engine cause by a warrantable failure:

- Parts
- Labor
- · Consumables, when not reusable

<u>NOTE</u>: Towing, travel, engine removal and reinstallation, and progressive damage to the vehicle are not covered.

| EPA Die | esel and Spar | k-Ignited Alternate Fuel | | |
|---------------------------------------|---------------|--------------------------|--|--|
| | Aftertreat | ment System | | |
| Component Fail Code Fault Code | | | | |
| 3 Way Catalyst | NY | | | |
| Aftertreatment Electrical Connections | HYEC | | | |

| | | k-Ignited Alternate Fuel |
|--|--------------------------|---|
| Aftertreatment Fuel Drain Valve | HYDV | |
| Aftertreatment Fuel Injector/Regulator | HYBD | |
| Aftertreatment Fuel Pressure Sensor | EAVS | Coverage not applicable for failures with fault codes 2728, 2881 |
| Aftertreatment Fuel Shut-off Valve | нүсо | |
| Aftertreatment Injector Manifold | HYMN | |
| Aftertreatment Inlet and Outlet Modules | NYIN, NYHC or NYOT | |
| Aftertreatment Temperature Interface Module | EUSC or EUPF | |
| Aftertreatment Temperature Sensors | ЕТСТ | Coverage not applicable for failures with fault codes 1965,1966, 1968, 1969, 1972, 1973, 2742, 2743, 3164, 3165, 3229, 3231, 3235, 3236, 3251, 3252, 3253, 3254, 3255, 3256, 3311, 3312 |
| Decomposition Tube | USDT | |
| DEF Dosing Controller (DCU) | US | |
| DEF Dosing Unit (Pump) | US | |
| DEF Dosing Valve | US | |
| Diesel Oxidation Catalyst | NY | |
| Diesel Particulate Filter (except for ash maintenance) | NY | Coverage is not applicable for failures with fault code 2777 |
| Diesel Particulate Filter Differential Pressure Sensor | EADF | Coverage not applicable for failures with fault codes 1921, 1922, 1981, 2639 |
| NH3 Sensor | YN | |
| NOx Sensors | YN | |
| Aftertreatment Particulate Sensor | YNSM | |
| SCR Catalyst | US | |
| | Air H | andling |
| Component | Fail Code | Fault Code |

| EPA Diese | el and Spark | -Ignited Alternate Fuel |
|--|-----------------------------------|--|
| Baromoune | EACB or EACD | |
| Extradet ede : .eee | | Coverage not applicable for failures with fault code 2764 |
| Exhaust Manifold | IE | |
| Exhaust Up-Pipe | IEEB, IEEP or IEHS | |
| Glow Plug | GLGP | |
| Glow Plug Control Module | GLGC | |
| Grid Heater | IHGR | |
| Humidity Sensor | EOBD | |
| Intake Air Throttle Actuator | IN | |
| Intake Manifold | IN | |
| Intake Manifold Air Temperature Sensor | ETIB | Coverage not applicable for failures with fault codes 155, 2964, 3385 |
| Intake Manifold Temperature/Pressure Sensor | EABB, EAOB, EEBT or EAMB | Coverage not applicable for failures with fault codes 124, 125, 155, 488, 2964, 2973 |
| Mass Air Flow Sensor (SI Only) | EBMS | |
| Oxygen Sensor | EOSW | |
| Throttle Actuator | NCTA | |
| Turbocharger Actuator | THAC | |
| Turbocharger Assembly | THAS | |
| Turbocharger Compressor Inlet AirTemperature Sensor | ETTB | |
| Turbocharger Speed Sensor | ELTS, ELTC or ELTW | |
| | Base Eng | gine System |
| Component | Fail Code | Fault Code |
| Camshaft | BICM, BVCM | |
| Camshaft Injector Lobe | | |

| BICJ, BCCJ | |
|------------------------------------|---|
| D001 | |
| BCCL, BVCL | |
| | Coverage not applicable for failures with fault codes 146, 151, 2789, 2963 |
| BB (except BBEL) | |
| CHCA or CHIV | |
| EAOB | Coverage not applicable for failures with fault codes 143, 415 |
| ЕТОВ | Coverage not applicable for failures with fault codes 214, 421 |
| EEAA | |
| ELEB, ELCB, ELSB, or ELEC | |
| CHEV | |
| BC | |
| EGR | System |
| Fail Code | Fault Code |
| IRCL | |
| EADB or IRPN | |
| IRVN or IRTU | |
| ETEB | Coverage not applicable for failures with fault codes 2961, 2962 |
| IRVB or IRVC | |
| Electronic C | Control System |
| Fail Code | Fault Code |
| EICM | |
| | BB (except BBEL) CHCA or CHIV EAOB ETOB EEAA ELEB, ELCB, ELSB, or ELEC CHEV BC EGR Fail Code IRCL EADB or IRPN IRVN or IRTU ETEB IRVB or IRTU ETEB IRVB or IRVC Electronic C Fail Code |

| EPA Dies | el and Spar | k-Ignited Alternate Fuel | | | |
|--|---------------------------|---|--|--|--|
| Engine Control Module Calibration | EQ | | | | |
| Fuel System | | | | | |
| Component | Fail Code | Fault Code | | | |
| Fuel Control Valve | NCBS | | | | |
| Fuel Lines | FL | | | | |
| Fuel Pressure Sensor | EARB or EAFB | | | | |
| Fuel Pump | FHAS, FHAV, or FHPH | Coverage is only applicable with failures having these fault codes 449, 553, 559, or 1911 | | | |
| Fueling Mixer | NCFM | | | | |
| Fueling/Timing Actuators | EKFA or EKTA | | | | |
| Gas Mass Flow Sensor | EBGB | | | | |
| Injector | FIAS | | | | |
| Mixer Inlet Pressure Sensor (SI Only) | EAIB | | | | |
| Secondary Fuel Pressure/Temperature Sensor | EEFB | | | | |
| Secondary Fuel Pressure Regulator (SI Only) | NRPR | | | | |
| V V | Ignitio | n System | | | |
| Component | Fail Code | Fault Code | | | |
| Ignition Coils | NICO | | | | |
| Ignition Control Module | NICM | | | | |

California CARB Emission Warranty Component List

Listed below are components covered by the California ARB Emission Control Warranty when failures of these components are caused through normal use and

service. Failures caused by not following the maintenance guidelines are not covered including, but not limited to, plugged air and fuel filters.

<u>NOTE</u>: Where applicable with covered components, associated plumbing, mounting hardware, gaskets, o-rings, and wiring harnesses are covered.

<u>NOTE</u>: For CARB emissions warranty claims, both mileage and engine hours must be listed within the claim.

NOTE: All emission warranty claims must follow the minimum claim documentation requirements outlined in Warranty Administration Manual Procedure 111-512-004.

NOTE: For all ARB Emissions Control System Warranty claims, the repair location is required to print out or electronically save the INSITE™ job image report (all options) retrieved from the ECM at date of failure prior to making any repairs, recalibrations or adjustments to the ECM calibration. This data is to be retained for a period of at least one year after credit has been issued for the claim. Failure to do so may result in claim denial or claim bill-back at the time of Warranty Compliance Review. ECM fault codes are to be cleared once the repair has been completed.

Limitations

The **emission control warranty covers** the following to repair the damage to the engine caused by a warrantable failure:

- Parts
- Labor
- · Consumables, when not reusable

<u>NOTE</u>: Towing, travel, engine removal and reinstallation, and progressive damage to the vehicle are not covered.

| California CARB Diesel and Spark-Ignited Altern | ate Fuel |
|---|----------|
| Aftertreatment System | |
| Component | |
| 3 Way Catalyst | |
| Aftertreatment Electrical Connections | |
| Aftertreatment Fuel Drain Valve | |
| Aftertreatment Fuel Injector/Regulator | |
| Aftertreatment Fuel Pressure Sensor | |
| Aftertreatment Fuel Shut-off Valve | |
| | |

| California CARB Diesel and Spark-Ignited Alternate Fuel | |
|---|--------------|
| Aftertreatment Injector Manifold | |
| Aftertreatment Inlet and Outlet Modules | |
| Aftertreatment Temperature Interface Module | |
| Aftertreatment Temperature Sensors | |
| Decomposition Tube | |
| DEF Dosing Controller (DCU) | |
| DEF Dosing Unit (Pump) | |
| DEF Dosing Valve | V. |
| Diesel Oxidation Catalyst | |
| Diesel Particulate Filter (except for ash maintenance) | |
| Diesel Particulate Filter Differential Pressure Sensor | |
| NH3 Sensor | |
| NOx Sensors | |
| Aftertreatment Particulate Sensor | |
| SCR Catalyst | |
| Air Handling | |
| Component | |
| Barometric Air Pressure Sensor | an Soverside |
| Exhaust Gas Pressure Sensor | |
| Exhaust Manifold | |
| Exhaust Up-Pipe | |
| Glow Plug | |
| Glow Plug Control Module | |
| Grid Heater | |
| Humidity Sensor | **** |
| Intake Air Throttle Actuator | |
| Intake Manifold | |
| Intake Manifold Air Temperature Sensor | |
| Intake Manifold Temperature/Pressure Sensor | |
| Mass Air Flow Sensor (SI Only) | |
| Oxygen Sensor | |
| Throttle Actuator | |

| C | alifornia CARB Diesel and Spark-Ignited Alternate Fuel |
|-----------------|--|
| Turbocharger | Actuator |
| Turbocharger | Assembly |
| Turbocharger | Compressor Inlet AirTemperature Sensor |
| Turbocharger | Speed Sensor |
| Base Engine | System |
| Component | |
| Camshaft | |
| Camshaft Inje | ctor Lobe |
| Camshaft Val | ve Lobe |
| Clean Idle Stic | cker |
| Coolant Temp | erature Sensor |
| Crankcase Bro | eather |
| Cylinder Head | I (SI Only) and Cylinder Valves (SI Only) |
| Engine Oil Pre | essure Sensor |
| Engine Oil Te | mperature Sensor |
| Engine Oil Te | mperature/Pressure Sensor |
| Engine Speed | I, Position Sensor, Cam Position Sensor |
| Exhaust Valve | 9 |
| Static Cam Ti | ming |
| EGR System | |
| Component | |
| EGR Cooler | |
| EGR Differen | tial Pressure Sensor |
| EGR Mixer/Ve | enturi |
| EGR Temper | ature Sensor |
| EGR Valve | |
| Electronic C | ontrol System |
| Component | |
| Engine Contr | ol Module |
| Engine Contr | ol Module Calibration |
| Fuel System | |
| Component | |

| California CARB Diesel and Spark-Ignited Alternate Fuel |
|---|
| Fuel Control Valve |
| Fuel Lines |
| Fuel Pressure Sensor |
| Fuel Pump |
| Fueling Mixer |
| Fueling/Timing Actuators |
| Gas Mass Flow Sensor |
| Mixer Inlet Pressure Sensor (SI Only) |
| Secondary Fuel Pressure/Temperature Sensor |
| Secondary Fuel Pressure Regulator (SI Only) |
| Ignition System |
| Component |
| Ignition Coils |
| Ignition Control Module |
| Injector |

California Clean Idle Sticker

If the Clean Idle sticker is missing, peeling, or damaged under certain conditions, the failure is considered non- warrantable.

Conditions considered non-warrantable include, but are not limited to, damage caused by the following:

- Road Debris, such as rocks, bugs and sand
- Power/Pressure Washing
- Buffing/Waxing
- Tampering with Sticker
- Improper Installation

The California ARB Clean Idle sticker can be cleaned with a non-abrasive household cleaner.

The recommended locations for the California ARB Clean Idle sticker to be placed are as follows:

- On the left hand side of the hood.
- · On the driver's side door.

Refer to OEM, PPC2002 or AEB 191.17 for additional details regarding the California ARB Clean Idle sticker.

| United States (EPA and CARB) and Canada Automotive Emissions Control System W | Page 13 of 13 |
|---|---------------|
| | |
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| | |
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