



SIM 01 05 20

2020-08-03

B46M ENVIRONMENTAL AIR CATALYST SENSOR: LTD WTY EXT TO
15 YEARS/150,000 MILES

MODEL

E-Series	Model Year	Model Description	Production Dates
F54	2016	Cooper S Clubman	August 29, 2015 – June 29, 2016
F55	2015 and 2016	Cooper S Hardtop 4 Door	August 8, 2014 – June 28, 2016
F56	2015 and 2016	Cooper S Hardtop 2 Door	June 18, 2014 – June 29, 2016
F57	2016	Cooper S Convertible	October 20, 2015 – June 27, 2016

For the above model vehicles with the B46M PZEV/SULEV engine that **are not** registered in the State of California or a State that has fully adopted the State of California PZEV (SULEV) regulation.

The Model information above is for informational purposes only, and it is not the only deciding factor.

Eligible Vehicles

To determine a vehicle's eligibility and to confirm that this coverage applies, always perform a VIN-specific DCSnet Warranty Inquiry first.

To assist you in identifying those vehicles that have this component-specific extended limited warranty coverage, the DCSnet Warranty Vehicle Inquiry has been updated with the VIN and component-specific Vehicle Comment shown below:

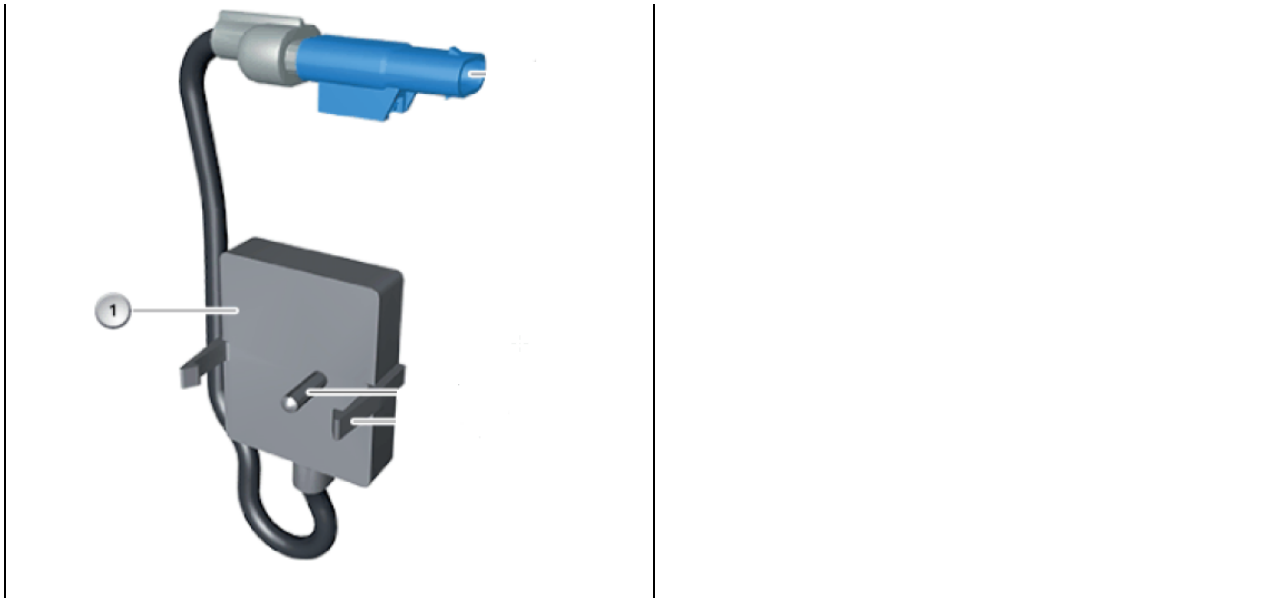
Please see SI M01 05 20 (DC 13 62 90 02 00): For this vehicle, the engine radiator's Environmental Air Catalyst (EAC) sensor limited emission-related warranty for defects in materials or workmanship has been extended to 15 years/150,000 miles as determined from the original in-service date. This coverage is subject to the same vehicle eligibility requirements, limitations, and exclusions that apply to the MINI New Passenger Car Limited Warranty. Vehicles that are registered in California or a State that has fully adopted the State of California PZEV (SULEV) emission regulation (model year dependent), the standard emission-related coverage for this component is 15 years/150,000 miles.

If you have Extended Limited Warranty (ELW) eligibility and/or coverage questions, please contact the Warranty department through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections **prior** to performing any repair.

SITUATION

Component/Issue-Specific Limited Warranty Extension

	<p>For the eligible vehicles, MINI USA, a division of BMW of North America, LLC ("MINI USA") is extending the limited warranty for the engine radiator's Environmental Air Catalyst (EAC) sensor (shown) to:</p> <ul style="list-style-type: none"> • 15 years/150,000 miles as determined by the vehicle's original in-service date.
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This component/issue-specific limited warranty extension applies to defects in materials or workmanship.

This coverage is subject to the same vehicle eligibility requirements, limitations, and exclusions that apply to the MINI New Passenger Car Limited Warranty.

During the extended limited warranty coverage period (Eligible vehicles that are beyond the 4 year/50,000 mileage New Passenger Car Limited Warranty coverage), **non-emission related engine radiator defect issues** are not covered.

Note: This bulletin is notice of a limited warranty extension. This is NOT a notice of a Recall or Service Action.

There is no immediate repair required unless the vehicle is currently experiencing this problem.

Customer Notification Letter

Even though this is NOT a Recall, MINI USA sent VIN-specific customer notification letters.

CAUSE

Situation A

The malfunction indicator lamp light is on (MIL) with the following fault code stored in the DME:

Fault code	Control module	Fault code text
1B8302	DME	LIN bus, communication (EAC sensor): missing

There is a loss of LIN-Bus communication (signal) from the EAC Sensor that is permanently mounted on the engine radiator due to corrosion that develops over time.

Situation B

The Malfunction Indicator Lamp (MIL) light is on, and the following fault code is stored in the DME:

Fault code	Control module	Fault code text
1B8004	DME	Environmental air catalyst sensor: Temperature - Coolant temperature cooler output, comparison, implausible with one

	another	
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Due to a software issue, fault code 1B8004 for repeated implausibility could set even though the EAC sensor has not malfunctioned.

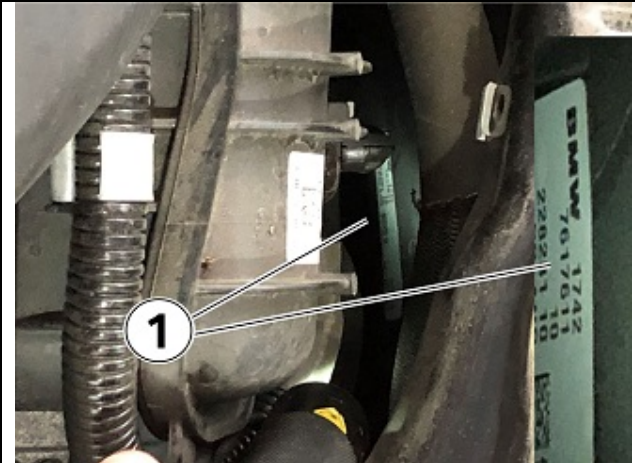
CORRECTION

Follow the instructions in the PROCEDURE section.

PROCEDURE

Situation A

1. Inspect the engine radiator to ensure it is a genuine MINI original or a correct application MINI replacement part that has been installed (non-genuine MINI parts and/or incorrect MINI part application/installation issues are not covered)
2. Perform diagnosis with the latest version of ISTA, working through the test modules as needed.
3. If it is determined that engine radiator’s EAC sensor has failed, replace the radiator with EAC sensor.

	<p>Important: In conjunction with replacing the radiator as outlined in Situation A, check the part number of the fan shroud (1).</p> <p>If the installed fan shroud is PN 17 42 7 637 189?</p> <p>If yes, replace this installed shroud with PN 17 42 8 742 712.</p>
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Note: For component issues before the EAC Sensor (engine harness side connector, pins, wires, etc.) are not included in the scope of this bulletin.

Or:

Situation B

1. Replacement of the radiator with EAC sensor is not necessary.
2. Determine the vehicle’s current I-level by either using AIR or ISPA NEXT application.
3. Is the current vehicle integration level:

	Target integration level
Model	
F54, F55, F56, F57	F056-19-11-520 or higher

NO: Proceed to Step 3

YES: Further diagnosis with ISTA is needed

4. Program the vehicle using 4.20.1x or higher (released 11/2019).

Model	Target integration level
F54, F55, F56, F57	F056-19-11-520 or higher

Note: If fault code 1B8004 is found in the DME fault memory while performing diagnosis for another repair and Malfunction Indicator Lamp (MIL) light is not on and the vehicle's current integration level is F056-19-11-520 or higher, disregard this fault, it can be deleted from the fault memory.

Note that ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

Always connect a MINI-approved battery charger/power supply ([SI M04 08 09](#)).

For information on programming and coding with ISTA, refer to DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

Situation A only

Part Number	Description	Quantity
Refer to ETK	Radiator	1
And, when applicable:		
17 42 8 742 712	Fan shroud (600W-850W)	1
82 14 0 031 133	Coolant (1 Gallon)	See sublet below

Only order the required **parts in the quantities needed** to address customers' vehicles that have confirmed failures.

- If ETK/EPC item identifies additional part(s) that must also be replaced/installed in-conjunction with performing a covered repair, these required additional items are also covered under the terms of this extended limited warranty.
- Also refer to ETK/EPC and the repair instructions for onetime-use fasteners/screws and other information regarding repair-related gaskets, seals, fluid and/or lubricants that also need to be replaced/used and claimed.

WARRANTY INFORMATION

A. For eligible MINI model vehicles equipped with the B46M PZEV/SULEV engine that:

- **Are** registered in the State of California (CA); or a
- State that has **fully adopted** the State of California PZEV/SULEV regulation (CT, ME, MD, MA, NJ, NY, RI and VT),

The engine radiator's Environmental Air Catalyst (EAC) Sensor is covered by the terms of this California Limited Emission Warranty for 15 years/150,000 miles, whichever occurs first.

Or:

B. For eligible MINI model vehicles equipped with the B46M PZEV/SULEV engine that:

- **Are not** registered in the State of California; or a
- State that has **not fully adopted** (DE, OR, PA and WA) the State of California PZEV/SULEV regulation,

The engine radiator's Environmental Air Catalyst (EAC) Sensor's limited emission warranty has been extended to 15 years/150,000 miles.

This component and issue-specific limited emission warranty extension applies to covered repairs that are performed by an authorized MINI dealer in the United States (including Puerto Rico).

The existing limited warranty coverage of the engine radiator for non-emission-related issues, the whole vehicle and other components has not changed.

This coverage supersedes the coverage that is provided under the MINI NEXT/MINI Certified Pre-Owned Limited Warranty or any BMW Group Vehicle Service Contract that applies to the vehicle.

Excluding the one-time programming and encoding procedure, should the EAC Sensor fail again, this component is covered by the remaining portion of the extended limited warranty coverage period.

Non-Qualifying Repairs

Non-US specification vehicles, ineligible vehicles, eligible vehicles operated and repaired outside the United States and Puerto Rico and/or the diagnosis and repair of other unrelated issues are not covered under the terms of this limited warranty extension.

Qualifying Repairs – Claim Submission

Claim this work with the defect code and labor operations provided below.

Defect Code:	1362900200	F54 F55 F56 F57 EAC-Sensor (Prem Air Sensor)
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Situation A – Replacing radiator with EAC sensor

Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Connect an approved battery charger/power supply (indicated in AIR as charging battery)	Refer to AIR
And, as necessary:		
61 00 006	Performing vehicle diagnosis – test module	Work time (WT)
And, if necessary		
61 00 009	Troubleshooting in the electrical/electronic system	Work time (WT)
And:		
17 11 501	Replace coolant radiator (Plus work)	Refer to AIR
Or:		
17 11 505	Replace coolant radiator (coolant drained and refilled with another repair during the same workshop visit)	Refer to AIR

And:

Sublet – Bulk Material

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk material (MINI part number, please do not use the part number for claim submission)
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Sublet reimbursement calculation for claiming repair-related bulk materials (MINI part number) is at the dealer net price for the quantity used plus your dealer's handling.

MINI Antifreeze/Coolant: Claim the corresponding dollar amount for the quantity needed to replace what was drained with a 50/50 coolant/water solution.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

Or, for:

Situation B - One-time vehicle software update

During the workshop visit for the Situation B repair procedure, an eligible vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

If you should have this circumstance, update the vehicle to the current available I-level by performing and submitting for one of these open Technical Campaigns instead.

Please be sure to also perform any additional work the campaign repairs require and/or close the remaining open programming and encoding the Campaign repairs as outlined in the corresponding Service Information Bulletin.

Only if the circumstance above does not apply, the MINI software solution for Situation B is then covered one-time under the terms of this component/issue-specific extended limited warranty coverage.

Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)	Refer to AIR
And, as necessary:		
61 00 006	Performing vehicle diagnosis – test module	Work time (WT)
And:		
61 00 730	Programming/encoding control unit(s)	Refer to AIR

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Work time labor operation codes 61 00 006 and 61 00 009 are not considered a Main labor operations.

As applicable to your dealer, please refer to **SI M01 01 20** or **M01 04 20** for claiming your diagnosis work time (WT), WT and repair-related explanation procedures.

Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

Please claim this consequential control module-related repair work (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section

For control module failures that occurred prior to performing this programming procedure:

When covered under an applicable limited warranty, claim the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis as noted above).

Previous Customer-Pay Repairs – Limited Warranty Extension Reimbursement

Under this extended limited warranty, MINI USA, a division of BMW of North America, LLC (MINI USA) will provide reimbursement for qualifying customer-pay repairs that were performed on an eligible vehicle **prior** to the release of this component-specific limited warranty extension.

Customer-pay repairs are subject to the same vehicle eligibility requirements, limitations, and exclusions that apply to the MINI New Passenger Car Limited Warranty.

Repairs That Do Not Qualify for Reimbursement

Repairs performed on ineligible vehicles, eligible vehicles operated and repaired outside the United States and Puerto Rico and/or the diagnosis and repair of other unrelated issues. This exclusion also applies to repairs that were performed using (including those repairs that result from using) non-genuine MINI parts and/or used MINI passenger car parts.

Requesting Reimbursement for a Previous Repair That Qualifies

For a customer to request reimbursement for a qualifying customer-pay repair performed either by an authorized MINI dealer or independent repair shop located in the United States (including Puerto Rico), please have him/her submit his/her reimbursement request online at www.MINI-RP.com under the following reference:

- **M-ELWR 2020 B46M Radiator EAC Sensor 15Y150M**

Reimbursement Request Procedure

The online process is initiated by attaching/sending PDF files of the supporting documentation for the prior repair.

The letter also includes alternative methods to request reimbursement, either through the mail or by fax as described below:

MINI Customer Reimbursement Center
Attention: M-ELWR 2020 B46M Radiator EAC Sensor 15Y150M
P.O. Box 54067
Hurst, Texas 76054

Fax number: 877-434-2992

Please allow 4-6 weeks for processing your request.

Should you have any questions concerning this reimbursement process, please call 1-844-857-0341.

MINI Owner/Operator Inquiries and Assistance

For all other questions, please contact the MINI USA Motorer Relations and Services via email at MINI.assistance@askMINIUSA.com or via telephone at 1-866-ASK-MINI (275-6464).

Supporting Materials

[picture_as_pdf M010520_Customer Letter.pdf](#)



47911 HALYARD DRIVE
 STE. 200
 PLYMOUTH, MI 48170
 DO NOT MAIL REPAIR ORDERS TO THIS ADDRESS



August 2020

This **“Important Limited Warranty Information”** applies to the MINI vehicle with the Vehicle Identification Number (VIN) of **WMWX** [REDACTED].

Dear MINI Motorer:

MINI USA is committed to delivering the ultimate in product satisfaction to our Motorers.

Towards that end, MINI is extending the limited emission-related warranty for the:

- **Engine Radiator’s Environmental Air Catalyst (EAC) Sensor**

On the above-referenced B46M PZEV/SULEV engine vehicle to:

- **15 years/150,000 miles as determined by your vehicle’s original in-service date.**

This “component-specific” limited emission-related warranty extension applies to defects in materials or workmanship. This coverage is subject to the same vehicle eligibility requirements, limitations, and exclusions that apply to the MINI New Passenger Limited Warranty.

Note: If your B46M PZEV/SULEV engine equipped vehicle referenced above is currently registered in the State of California (CA) or a State that has fully adopted the State of California PZEV/SULEV regulation (CT, ME, MD, MA, NJ, NY, RI and VT), under the terms of this regulation, the standard emissions-related coverage for your Engine Radiator’s Environmental Air Catalyst (EAC) Sensor is 15 years/150,000 miles.

During the extended limited warranty coverage period (Eligible vehicles that are beyond the 4 year/50,000 mile MINI New Passenger Limited Warranty coverage), non-emission related engine radiator defect issues are not covered.

This is notice of a “limited warranty extension.” This is not a notice of a Recall or Service Action.

If a repair to this component is required, please contact your nearest authorized MINI dealer in the United States or Puerto Rico to schedule an appointment. Your authorized MINI dealer will determine the vehicle’s eligibility and review the scope of repairs that are covered by this component-specific limited warranty extension.

After vehicle inspection and diagnosis, eligible repair work will be performed by the authorized MINI dealer in the United States (including Puerto Rico) free of charge.

Repairs performed on ineligible vehicles, eligible vehicles operated and repaired outside the United States and Puerto Rico and/or the diagnosis and repair of other unrelated issues are not covered by this limited warranty extension. This exclusion applies to repairs, including consequential, that were performed using non-genuine MINI parts and/or used passenger car parts.

The integrity of our products is essential to MINI’s success and our Motorers’ trust. We are determined to exceed your expectations and hope this warranty extension further enhances your motoring experiences.

Sincerely,

MINI USA, a division of BMW of North America, LLC

M-ELWR 2020 B46M Radiator EAC Sensor 15Y150M

Company
 MINI USA,
 A division of BMW
 of North America, LLC

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 PO Box 1227
 Westwood, NJ
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 275-6464

E-mail
 MINI.assistance@
 AskMINIUSA.com

Website
 www.miniusa.com

Previous Motorer-Pay Repairs – Limited Warranty Extension Reimbursement

MINI USA, a division of BMW of North America, LLC

August 2020

VIN WMWX [REDACTED]

Under this extended limited warranty, MINI USA, a division of BMW of North America, LLC will provide reimbursement for “qualifying Motorer-pay repairs” that were performed on an eligible vehicle **prior** to the release of this component-specific limited warranty extension.

Motorer-pay repairs are subject to the applicable vehicle and coverage eligibility requirements, exclusions and limitations that apply to the MINI New Passenger Limited Warranty.

Repairs That Do Not Qualify for Reimbursement

Repairs performed on ineligible vehicles, eligible vehicles operated and repaired outside the United States and Puerto Rico and/or the diagnosis and repair of other unrelated issues. This exclusion applies to repairs, including consequential, that were performed using non-genuine MINI parts and/or used passenger car parts.

Requesting Reimbursement for a Previous Repair That Qualifies

If you previously had a “qualifying Motorer-pay repair” performed either by an authorized MINI dealer or independent repair shop located in the United States (including Puerto Rico), please submit your reimbursement request “online” at www.MINI-RP.com under the following reference:

Covered Component Code

M-ELWR 2020 B46M Radiator EAC Sensor 15Y150M

To initiate the online process, you will be asked to attach PDF files of the required documentation as outlined in the reimbursement checklist on the next page.

Alternative Method to Request Reimbursement

Alternatively, you may mail or fax your request and documentation to:

MINI Customer Reimbursement Center
Attention: M-ELWR 2020 B46M Radiator EAC Sensor 15Y150M
P.O. Box 54067
Hurst, Texas 76054

Fax number: 877-434-2992

Please allow 4-6 weeks for processing your request.

Should you have any questions concerning this reimbursement process, please call 1-844-857-0341.

B46M Radiator EAC Sensor: Limited Warranty Extension to 15 Years/150,000 Miles

Previous Motorer-Pay Repair Reimbursement – Documentation Checklist

MINI USA, a division of BMW of North America, LLC

Reimbursement is available to the MINI Motorer who incurred the expense.

When submitting a reimbursement for a previous repair, please provide **legible copies** of the following documentation and include your VIN, name, address and your preferred contact telephone number(s):

Repair Order (RO) or Invoice

This document should include the following information:

- Motorer name and address
- Vehicle Identification Number (“VIN”)
- The date of repair
- The mileage when the repair was performed
- Itemized breakdown of the labor charges for all repairs* including diagnosis
- Itemized breakdown of the parts, including any miscellaneous items, billed for all repairs*

*For repair orders containing multiple repair line items, only the specific line item expenses that relate to the component that is covered by this extended limited warranty will be considered for reimbursement.

Proof of Payment

Please provide a copy of at least **one** of the following items as valid proof of payment:

- Repair order (RO)/invoice stamped and dated as “PAID”
- Copy of a cancelled check
- Copy of a signed credit/debit card receipt
- Copy of a credit/debit card statement

Determining if an eligible vehicle’s repair qualifies for reimbursement:

Please use the following questions to review your repair order documentation prior to submitting a reimbursement request:

1. Why was the vehicle brought into the repair facility?
2. What was the repair facility's diagnosis?
3. What did the repair facility do to correct the concern and does it qualify?

Frequently Asked Questions (FAQ) – Limited Warranty Extension

1. Which BMW Group models in the U.S. are potentially eligible for this component-specific Limited Warranty Extension?

Model Year 2015 – 2016 MINI vehicles with the B46M engine, produced between June 2014 and June 2016 are potentially eligible.

Series	Model Year	Model	Production Dates	Engine
F54	2016	Cooper S Clubman	September 2015 – June 2016	B46M
F55	2015 & 2016	Cooper S Hardtop 4 Door	August 2014 – June 2016	B46M
F56	2015 & 2016	Cooper S Hardtop 2 Door	June 2014 – June 2016	B46M
F57	2016	Cooper S Convertible	October 2015 – June 2016	B46M

2. How do I determine if my vehicle falls under the State of California PZEV/SULEV regulation?

For the eligible MY 2015 and 2016 MINI vehicles listed above that **are registered in CT, ME, MD, MA, NJ, NY, RI and VT**, these states have fully adopted the State of California (CA) PZEV/SULEV regulation. The Engine Radiator's EAC Sensor on your vehicle is then covered under the terms of this emission-related regulation for 15 years/150,000 miles, whichever occurs first.

For the remaining eligible MINI vehicles that **are not registered in the above states** (including Puerto Rico), the Engine Radiator's EAC Sensor on your vehicle is covered under the terms of this component-specific emission-related limited warranty extension for 15 years/150,000 miles, whichever occurs first.

3. What is the purpose of the Engine Radiator's Environmental Air Catalyst (EAC) Sensor?

As the vehicle is driven, ground-level ozone (a "secondary" colorless and highly irritating pollutant gas that forms when a chemical reaction occurs under certain environmental conditions) is turned into oxygen as it passes through the catalytic coated surface area of the engine's radiator.

The EAC Sensor confirms the presence of an ozone reducing catalytic coated engine radiator in the vehicle. The EAC Sensor is there to prevent a catalytic coated radiator that requires replacement in conjunction with performing some other repair from being removed and replaced with a standard non-catalytic coated engine radiator.

4. What is the specific issue related to the EAC Sensor?

During specific conditions and over time, an accumulation of corrosion on the EAC Sensor may lead to a failure and/or the EAC Sensor may not properly monitor the presence of the catalytic coated engine radiator.

5. How does this affect my vehicle?

An EAC Sensor operational issue or failure will activate the Malfunction Indicator Light (MIL/Check Engine Light). This problem will not affect engine performance and/or cause any vehicle drivability issues.

6. What should I do if I notice this condition (MIL) in my vehicle?

If the MIL is illuminated and your vehicle is operating normally, please contact an authorized MINI dealer in the United States (including Puerto Rico) to have your vehicle inspected and, if necessary, repaired.

7. How will my vehicle be repaired to address an issue with the EAC Sensor?

If it is determined that the EAC Sensor is a cause for the MIL, your vehicle's engine radiator will either be replaced or your vehicle will receive a one-time software update as required, free of charge, under the terms of the applicable 15 year/150,000 mile limited coverage.