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Service Bulletins
American Honda Motor Co., Inc.

Service Bulletin

American Honda Motor Co., Inc.

SAFETY RECALL

2007 CMX250C/CL Crankcase Breather Replacement

Honda Motor Co., Ltd. has determined that a defect that is related to both motor vehicle safety and emissions regulations exists in certain 2007 model year CMX250C/CL motorcycles. A small number of 2007 CMX250C/CL motorcycles, may have a defective crankcase breather separator. During the molding process, the breather passage may have been blocked by a thin layer of the injected plastic material. This blockage will create a build-up of pressure inside the crankcase and may cause the left side engine seal to be pushed out of position and an oil leak will occur.

Safety Consequence

Oil leaking from the failed seal while riding can spray onto the rear tire or the road, increasing the risk of a crash.

Emission Consequence

A defective breather separator will cause the motorcycle to emit excessive crankcase emissions into the atmosphere and will no longer meet state and federal regulations. The unit may fail a state or local emissions inspection if this recall repair is not done. Although only a small percentage of 2007 CMX250C/CLs will need the breather separator cover replaced, it is very important that the unit meet the mandated emissions regulations.

AFFECTED UNITS

2007 CMX250C

JH2MC130*7K300001 thru JH2MC130*7K307108

2007 CMX250CL

JH2MC131*7K300001 thru JH2MC131*7K300912

(*) denotes check digit.

CUSTOMER NOTIFICATION

American Honda is sending a letter to owners of all affected 2007 CMX250C/CL models advising them to take their motorcycle to a Honda motorcycle dealer to have the Safety1 Emission Recall procedure performed. A copy of the Customer Letter is reproduced on page 7 of this Service Bulletin.

DEALER INVENTORY

According to federal law, any affected units in your inventory cannot be sold or leased until they are repaired. Refer to the REPAIR VERIFICATION and IDENTIFICATION sections of this Service Bulletin for more details.

INSPECTION/REPAIR VERIFICATION

A large number of units have been repaired and will have either a punch mark on the VIN and/or a white paint mark on the separator breather chamber cover. Before you begin the repair procedure, do the following:

1. Check to see if a punch mark has been placed to the left (at the beginning) of the VIN.
 - If you see a punch mark, the unit is OK, and no further action is necessary.
 - If there is no punch mark, check the VIN against your Dealer Responsibility Report or Unit Information on **iN**. If your report or **iN** indicates Inspection and/or repair completion, the unit is OK. Place a punch mark to the left (at the beginning) of the VIN.
 - If your Dealer Responsibility Report or **iN** indicates the unit has not been inspected and/or repaired, go to step 2.

NOTE: If you have any questions about repair verification, please contact your DSM or Warranty Assistance at (800) 421-1900, option 7.

2. Look to see if a white paint mark has been placed on the outside (visible) portion of the breather separator chamber cover.
 - If the breather separator chamber cover has a white paint mark, the unit is OK, and no further action is necessary. Place a punch mark to the left (at the beginning) of the VIN, then file an **Inspection Only** claim to notify American Honda of your findings.



- If there is no white paint mark on the front of the breather separator chamber cover, go to step 3.

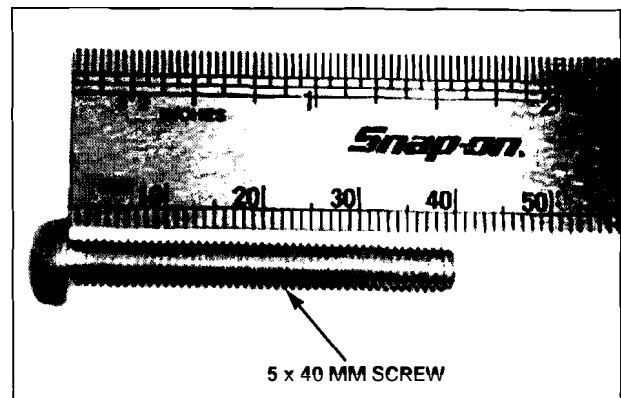
NOTE: To perform step 3, you will need a 5 X 40 mm screw to complete the inspection procedure. See the PARTS INFORMATION section of this Service Bulletin.

3. Remove the left side cover and airbox cover, and pull the air filter out of the airbox, but do not detach it from the breather separator hose.
4. Detach the breather separator hose **from the nipple of the breather separator chamber**, and remove the breather hose/air filter from the airbox.



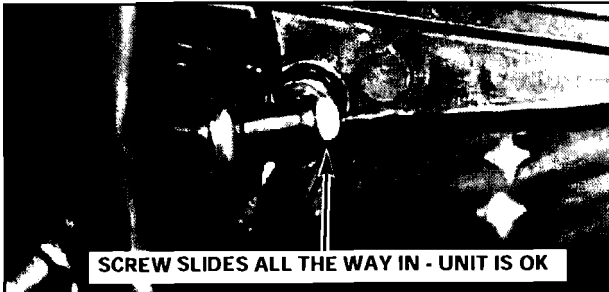
5. Gently insert the 5 X 40 mm screw into the breather separator chamber cover hole until it bottoms.

NOTE: Do NOT use force when inserting the screw.

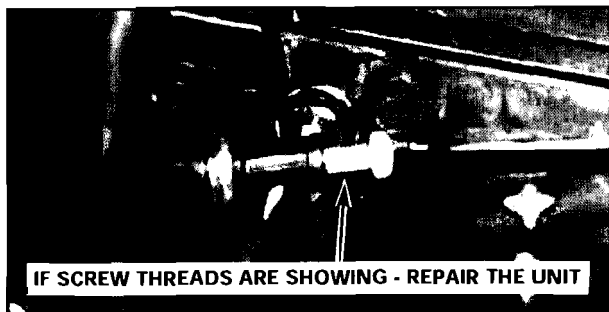


- If the screw slides all the way into the chamber cover hole, the unit is OK. Place a

punch mark to the left (at the beginning) of the VIN, then file an **Inspection Only** claim to notify American Honda of your findings.



- If screw threads are still visible after it has bottomed, the unit is NOT OK, and must be repaired. Go to the REPAIR PROCEDURE section of this Service Bulletin.



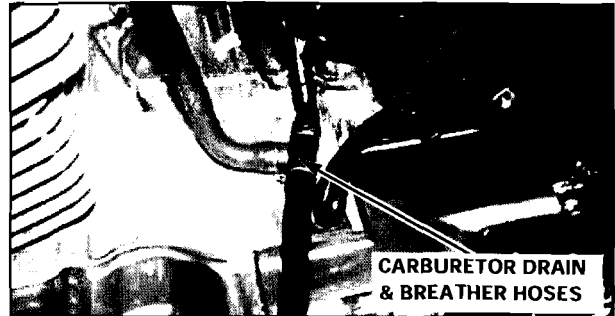
REPAIR PROCEDURE

During these procedures, refer to the *1996-2007 CMX250C REBEL Service Manual*.

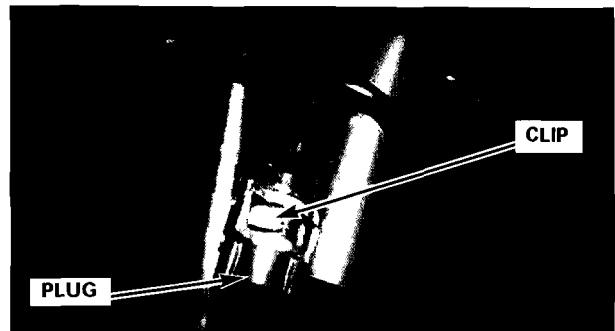
The tools you will need to perform this repair include a 90-degree needle-nose plier, 8 mm T wrench, Phillips-head screwdriver, 114-inch ratchet with a 4-inch wobbler and Phillips-head bit, and a piece of fuel hose 15 cm long.



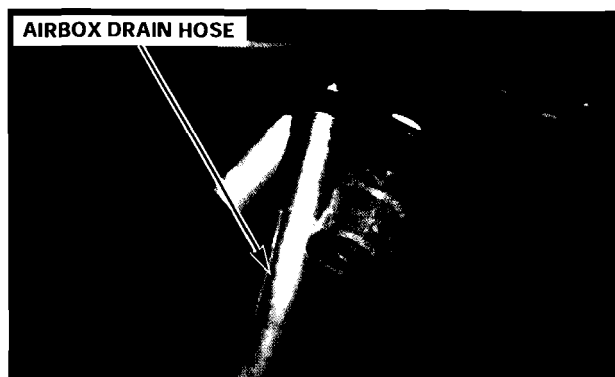
1. With the left side cover, airbox cover, air filter and breather separator hose already removed, **move the carburetor drain and breather hoses up and out of the way** to the left side of the engine.



2. Remove the plug and clip from the bottom of the breather separator drain hose.

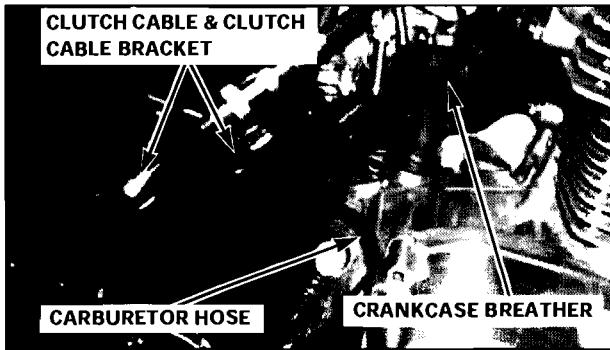


3. Remove the airbox drain hose.

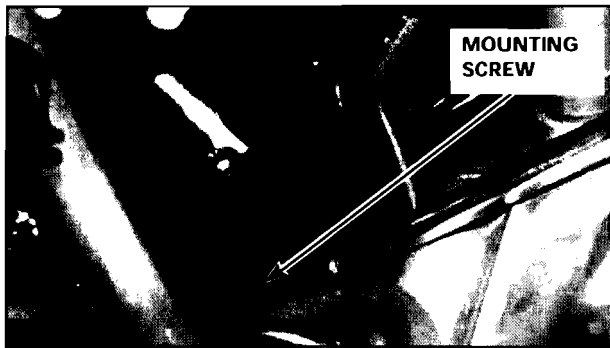


NOTE: It is necessary to remove the airbox drain hose so you can hold the breather separator chamber mounting nut with a finger when installing the new breather separator chamber.

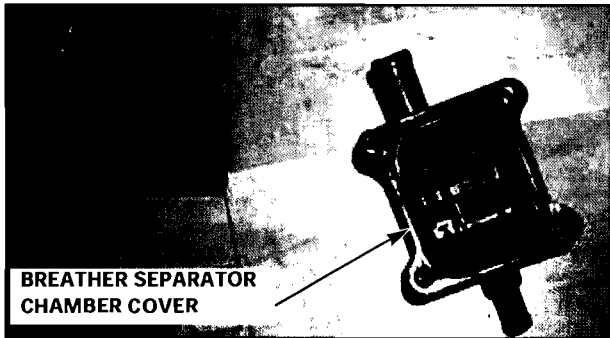
4. Remove the right side cover, clutch cable bracket, clutch cable, crankcase breather hose, and carburetor hose.



5. Remove the beather separator chamber mounting screw, then remove the breather separator chamber.

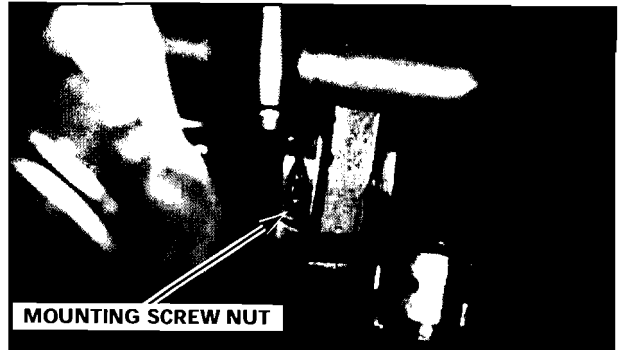


6. Replace the breather separator chamber cover with seal.

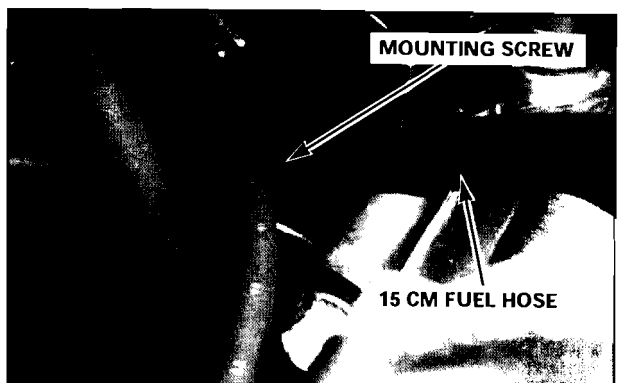
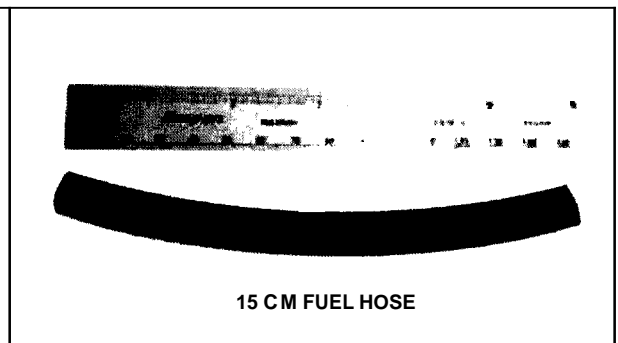


7. Reinstall the breather separator chamber.

NOTE: Working from the right side of the unit, you must hold the nut in place with a finger when starting and seating the mounting screw during reinstallation.



You can also use a piece of fuel hose 15 cm long to aid starting and seating the mounting screw.

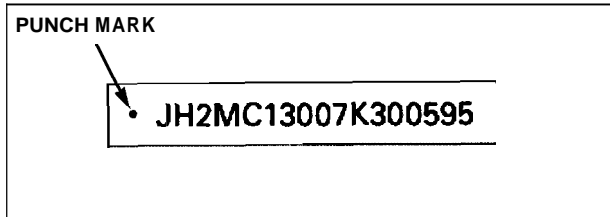


8. Tighten the screw.

9. Reinstall the rest of the components in the reverse order of removal.

IDENTIFICATION

After you have completed the INSPECTION/REPAIR procedure, make a punch mark to the left (at the beginning) of the VIN.



PARTS INFORMATION

You MUST inspect the unit BEFORE ordering parts. See the INSPECTION/REPAIR VERIFICATION section of this Service Bulletin before ordering parts.

If the unit needs to be repaired, order the parts, and then call TechLine at (800) 421-1900, option 9. American Honda will then release replacement parts to your dealership. Open ordering for parts will begin July 1, 2007.

Cover, Breather Chamber

PIN: 17362-KR3-000

HIC: 2040194

Seal, Breather Chamber

PIN: 91305-KB4-670

HIC: 1194331

Screw, Pan 5 X 40 MM (suggested measuring tool)

PIN: 93500-05040-OA

HIC: 0171835

WARRANTY INFORMATION

This Safety Recall will be in effect until all affected units have been repaired according to this Service Bulletin, regardless of the date of purchase.

Normal warranty claim submission requirements apply. After completing the Safety1 Emission recall, submit one warranty claim per unit with the following information:

WARRANTY CLAIM TEMPLATE:

2007 CMX250C/CL Inspection only

Template: Q41A

Flat Rate Time: 0.2 hr

2007 CMX250C/CL Inspection and Breather Separator Replacement

Template: Q41B

Flat Rate Time: 0.4 hr

CALIFORNIA DEALERS ONLY

The California Air Resources Board (CARB) requires vehicle emission recalls to be completed prior to California registration renewal. Uncorrected emission recalls will result in the inability of affected owners to renew their California vehicle registration.

After completing the inspection and/or repair, and stamping the VIN with a punch mark, **all California dealers must issue a completed Vehicle Emission Recall - Proof of Correction certificate to the vehicle owner.**

California dealers will receive the Proof of Correction certificate(s) with this Service Bulletin. If you need more certificates, call Customer Support at (866) 784-1870.

Fill in the appropriate information on the certificate and give it to the customer. (See the sample on the following page.)

NOTE: It is critical that you write down Q41 as the Recall Number.

The certificate may be requested by the California Department of Motor Vehicles at the time of vehicle registration renewal.

TEXT OF CUSTOMER LETTER

March 2007

IMPORTANT SAFETY AND EMISSIONS RECALL NOTICE

Dear CMX250 Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act, Environmental Protection Agency and the California Air Resources Board.

What is the reason for this notice?

Honda Motor Co., Ltd. has decided that a defect that is related to both motor vehicle safety and emissions regulations exists in certain 2007 model year CMX250 motorcycles. A small number of 2007 CMX250 motorcycles, may have a defective crankcase breather separator. During the molding process, the breather passage may have been blocked by a thin layer of the injected plastic material. This blockage will create a build-up of pressure inside the crankcase and may cause the left side engine seal to be pushed out of position and an oil leak will occur.

Safety Consequence

Oil leaking from the failed seal while riding can spray onto the rear tire or the road, increasing the risk of a crash.

Emission Consequence

A defective breather separator will cause the motorcycle to emit excessive crankcase emissions into the atmosphere and will no longer meet state and federal regulations. Your motorcycle may fail a state or local emissions inspection if you do not have this recall repair done. Although only a small percentage of 2007 CMX250s will need the breather separator replaced, it is very important that your motorcycle meet the mandated emissions regulations.

What should you do?

Please call your authorized Honda motorcycle dealer and make an appointment to have your CMX250 inspected. If necessary, a new breather separator cover will be installed on your CMX250 free of charge. Although the repair will take less than one hour, please plan to leave your CMX250 for a day to allow the dealer flexibility in scheduling.

California Owners Only:

After completing the inspection/repair procedure, your dealer will give you a **Vehicle Emission Recall - Proof of Correction** certificate. Keep this certificate for your records as proof that the emissions recall was completed. Submit the certificate to the DMV only if the DMV requests it. The DMV will **not** renew your registration until this emissions recall has been completed. Please make sure the dealer completes and gives you the certificate.

TEXT OF CUSTOMER LETTER (CONT.)

Emission Warranty:

In order to ensure your full protection under the emission warranty made applicable to your vehicle by Federal law, and your right to participate in future recalls, it is recommended that you have this inspection/repair procedure performed as soon as possible. Failure to do so could legally be determined to be a lack of proper maintenance of your vehicle.

Who to contact if you experience problems.

If you are not satisfied with the service you receive from your Honda dealer, you may write to:

American Honda Motor Co., Inc.
Motorcycle Customer Service
Mail Stop 100-4C-7B
1919 Torrance Blvd.
Torrance, CA 90501-2746
(866) 784-1870

If you believe that American Honda or the dealer has failed or is unable to remedy the safety defect in your vehicle, without charge, within a reasonable period of time (60 days from the date you first contact the dealer for a repair appointment), you may submit a complaint to:

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590

Or call the toll-free Vehicle Safety Hotline at (888) 327-4236. (TTY: 1-800-424-9153), or go to <http://www.safercar.gov>.

What to do if you feel this notice is in error.

Our records show that you are the current owner of a 2007 CMX250 involved in this campaign. If this is not the case, or the name/address information is not correct, please fill out and return the enclosed, postage-paid Information Change Card. We will then update our records.

If you have questions.

If you have any questions about this notice, or need assistance with locating a Honda dealer, please call Honda Motorcycle Customer Service at (866) 784-1870.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

**American Honda Motor Co., Inc.
Motorcycle Division**