



Service Bulletin

American Honda Motor Co., Inc.

CMX300/500 #1
ISSUED: May 2018

EMISSION RECALL

2017-2018 CMX300/A, CMX500/A - EVAP CANISTER CHARGE HOSE REPLACEMENT

BACKGROUND

Honda is launching an EMISSION RECALL of all 2017, and certain 2018 CMX300/A and CMX500/A motorcycles to replace the EVAP canister charge hose with an updated part. The canister charge hose exceeds the federal fuel vapor permeation standard.

AFFECTED UNITS

Only AC type (50-State, meets CA Emission) motorcycles are affected.

49 State type motorcycles are not affected.

You must use *Unit Information on iN* to determine if a specific unit is recalled.

2017 CMX300L (non-ABS, AC type)	All
2017 CMX300A (ABS, AC type)	All
2018 CMX300L (non-ABS AC type)	VIN MLHNC531*J5100001 through MLHNC531*J5100310
2018 CMX300A (ABS, AC type)	VIN MLHNC535*J5100001 through MLHNC535*J5100448
2017 CMX500L (non-ABS, AC type)	All
2017 CMX500A (ABS, AC type)	All
2018 CMX500L (non-ABS, AC type)	VIN MLHPC561*J5100001 through MLHPC561*J5100346
2018 CMX500A (ABS, AC type)	VIN MLHPC565*J5100001 through MLHPC565*J5100575

* Denotes check digit

DEALER INVENTORY

Effective May 14 2018, YOU MUST NOT SELL ANY AFFECTED (new or used) motorcycle until it is repaired according to this bulletin.

- To search for applicable recalls on a specific unit, use *Unit Information on iN*.
- To manage your affected inventory, use *eResponsibility Report on iN*.

PARTS INFORMATION

Initially, remedy parts will allocated to your dealership based upon warranty registration records. Remedy parts will later be available on open order when supply stabilizes.

Hose Assy. (Qty. 1 per vehicle)

Application	Part Number
CMX 300 L (Non-ABS)	17417-K87-L00
CMX 300 A (ABS type)	17417-K87-L50

Application	Part Number
CMX 500 L (Non-ABS)	17417-MKG-L00
CMX 500 A (ABS type)	17417-MKG-L50

WARRANTY CLAIM INFORMATION

After completing the Service Bulletin repair procedure, submit one warranty claim per unit with the following template number:

Model	Claim Template	Flat Rate Time
CMX 300 L (non-ABS)	KJ3A	1.0 hours
CMX 300 A (ABS type)	KJ3B	1.0 hours

Model	Claim Template	Flat Rate Time
CMX 500 L (non-ABS)	KJ3C	2.0 hours
CMX 500 A (ABS type)	KJ3D	2.0 hours

1 of 11

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your Honda. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your Honda, or that your Honda has the condition described. To determine whether this information applies, contact an authorized Honda dealer.

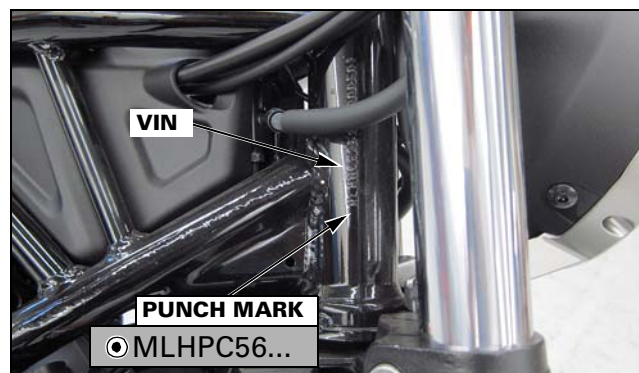
CUSTOMER NOTIFICATION

American Honda is sending a letter to owners of affected motorcycles informing them that their vehicle is under recall to replace the evaporative canister charge hose with an updated part. The letter will advise them to have a Honda dealer replace the affected part.

For your reference, a copy of the Customer Letter is reproduced on page 11 of this bulletin.

REPAIR VERIFICATION

Before you begin the repair procedure, look for a punch mark before the first character of the VIN as shown.



- If there **is** a punch mark:
 - No further action is necessary.
- If there is no punch mark:
 - Proceed with the REPAIR PROCEDURE section of this Service Bulletin.

DEALER SUPPORT

TECHNICAL QUESTIONS

If you have any technical questions relating to repair verification, repair procedure, or parts information please contact:

Motorcycle TechLine Online:

iN > Service > TechLine > TechLine Connect

Or call (800) 421-1900, option 9

WARRANTY QUESTIONS

If you have any warranty administration questions relating to warranty claim templates, and claim filing procedures, please contact:

Motorcycle Warranty Online:

iN > Service > Warranty & HondaCare > Warranty Connect

Or call (800) 421-1900, option 7

REPAIR PROCEDURE

SERVICE MANUAL

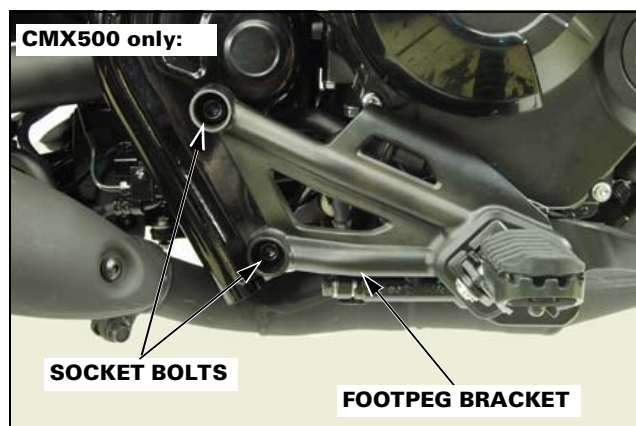
Many steps of the Repair Procedure require following procedures in the appropriate Service Manual.

Use the electronic Service Manual available on **iN** HISP by following the path below and typing in the VIN or selecting the model and year, and then selecting *Service Manual* from the *Select Subject* drop down list.

SERVICE > Service Publications > HISP

EVAP CHARGE HOSE REMOVAL, CMX300 and CMX500

1. Remove the seat by following the SINGLE SEAT removal procedures in the appropriate Service Manual.
2. Remove the left and right side covers by following the SIDE COVER removal procedures in the appropriate Service Manual.
3. Disconnect the negative (–) cable from the battery by following the BATTERY removal procedures in the appropriate Service Manual.
4. **CMX500 only:**
Remove the socket bolts and footpeg bracket as shown.
 - Do not let the footpeg bracket hang by the brake hose, suspend the footpeg bracket with mechanic's wire.



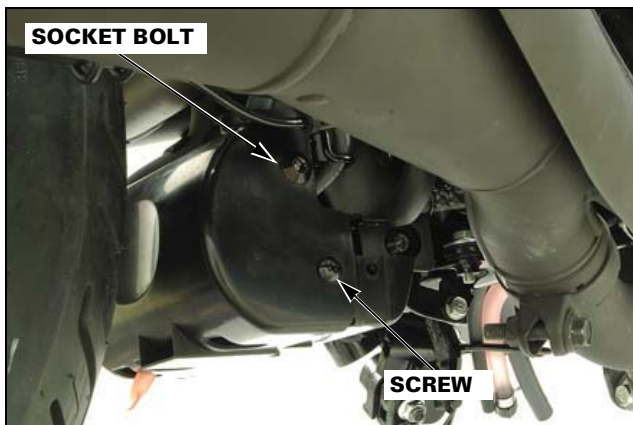
5. Remove the fuel tank by following the FUEL TANK removal procedures in the appropriate Service Manual.

6. Disconnect the coolant siphon hose from the radiator as shown.

- Remove and save the clamp.

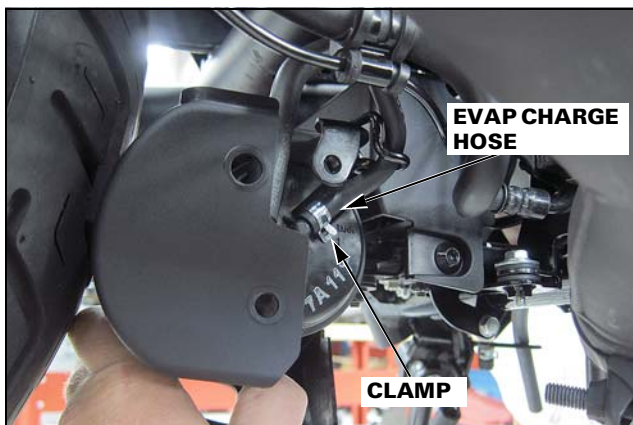


7. Remove the socket bolt and screw from right side the EVAP canister cover as shown.



8. Disconnect the EVAP charge hose from the EVAP canister as shown.

- Remove and save the clamp.



9. Place a clean drain pan below the radiator reserve tank.

Disconnect the coolant siphon hose from the radiator reserve tank as shown.

- Remove and save the clamp.



10. Pull the coolant siphon hose back and down to remove it from the electronics tray as shown.

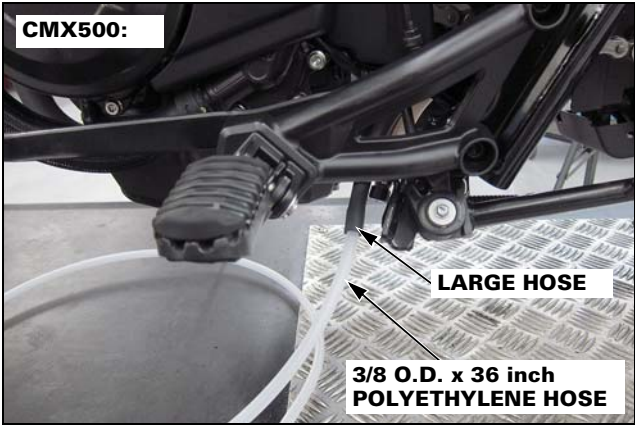


11. **CMX300 Only:** Open the 25 mm hose clamp as shown.



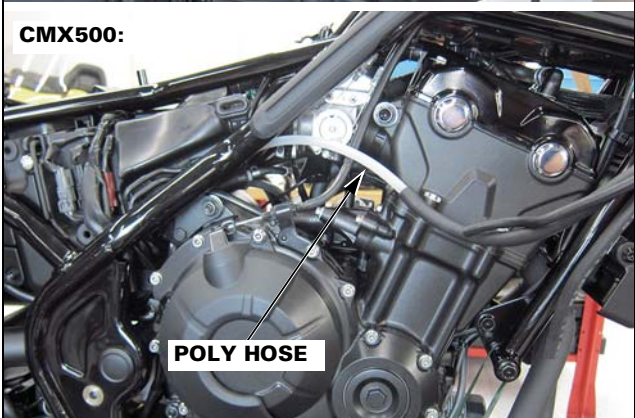
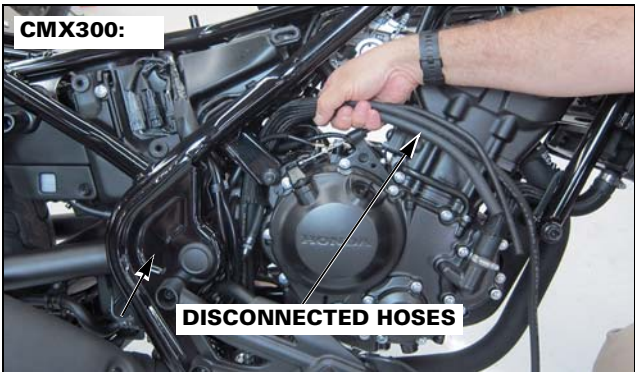
12. **CMX500 Only:** Push a 3/8 inch O.D. x 36 inch long piece of rigid polyethylene (poly) hose into the bottom end of the fuel tank drain hose (large) in the sidestand hose guide as shown.

- Push the poly hose in about 3/4 inch.



13. Grasp the three disconnected hoses as shown and pull them out of the motorcycle.

- **CMX500:** Carefully twist the hose assembly and push on the poly hose to ease removal of the hoses. Pull the hoses out until the poly hose is exposed as shown. Leave the poly hose in the motorcycle to serve as a guide for installing the remedy hose assembly.



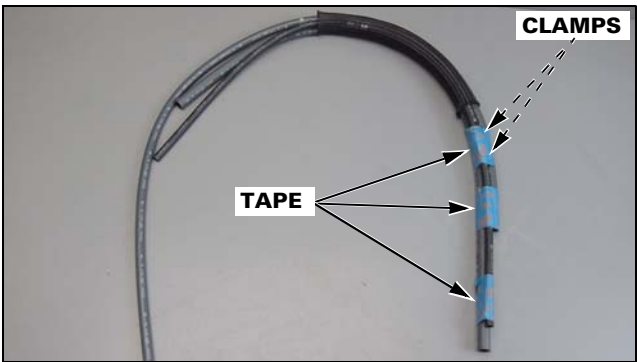
CMX300 REMEDY HOSE ASSY. INSTALLATION

1. Select the correct remedy hose assembly for the model type:

Model Type	Part Number
CMX300 (Non-ABS)	17417-K87-L00
CMX300A (ABS type)	17417-K87-L50

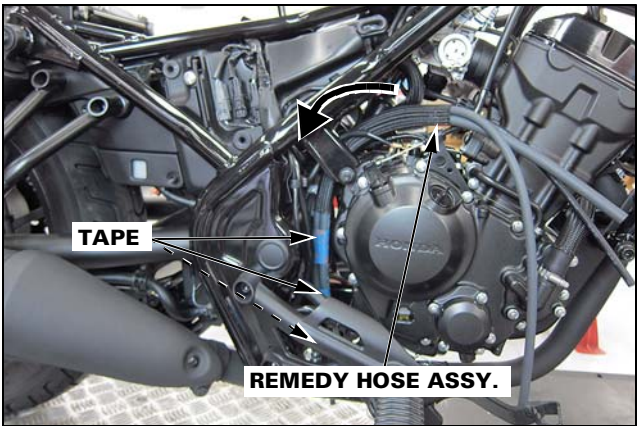
2. Wrap tape around the hose clamps and the adjacent hose(s) at the positions shown of the remedy hose assembly.

- This will protect the motorcycle paint and ease installation of the hose assembly.

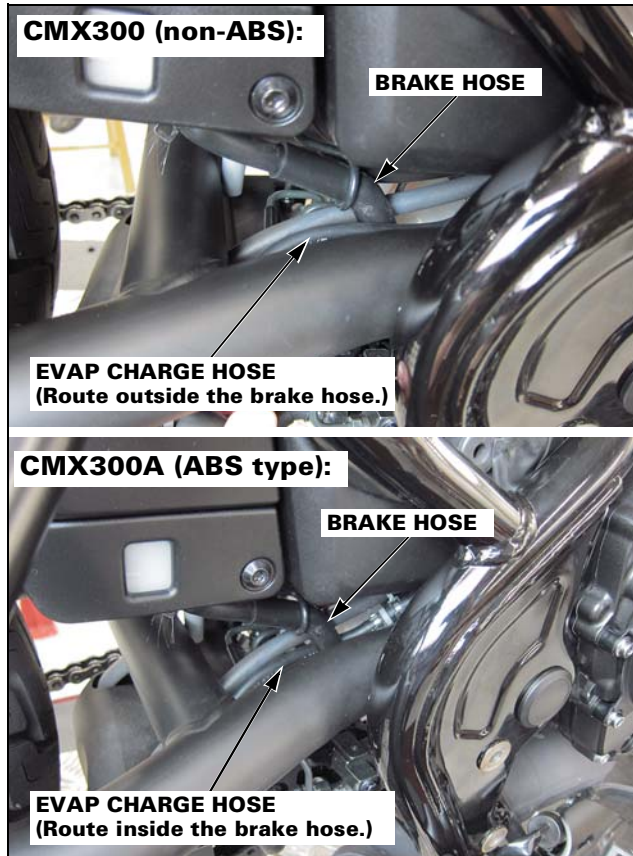


3. Push the remedy hose assembly into the motorcycle from the top as shown.

Remove the tape from the hose assembly.



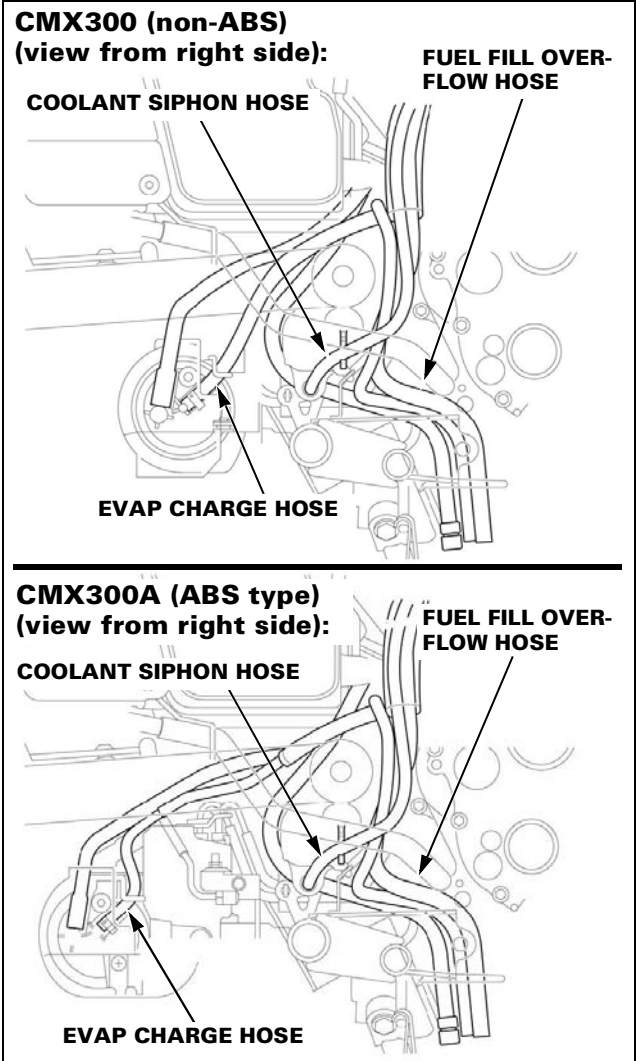
4. Route the EVAP charge hose around the correct side of the brake hose exactly as shown.



5. Route the lower portion of each hose to its destination as shown.

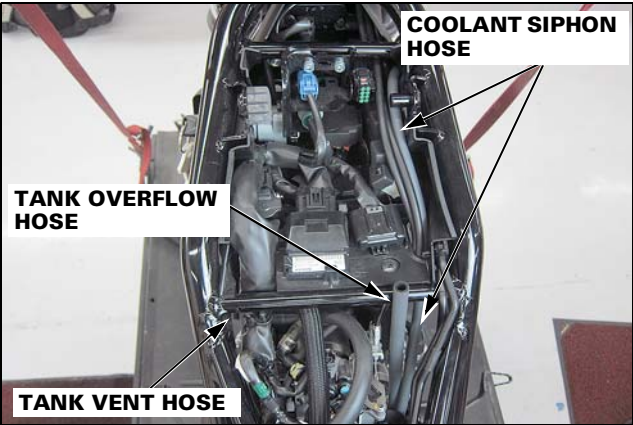
Reuse the clamps removed from the original hoses and connect the EVAP charge hose to the EVAP canister and the coolant siphon hose to the radiator reserve tank.

Route the fuel tank overflow hose to the left and then down through the hose guide on the sidestand.



6.Route the upper portion of the coolant siphon hose (5.3 mm diameter) to the right of the throttle body and across the electronics tray as shown.

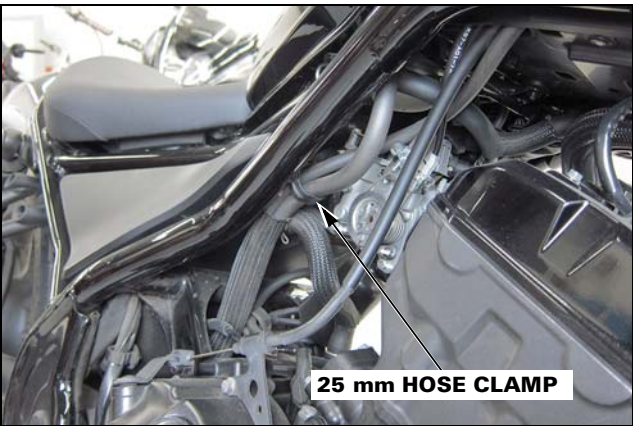
Route the fuel tank vent and overflow hoses as shown.



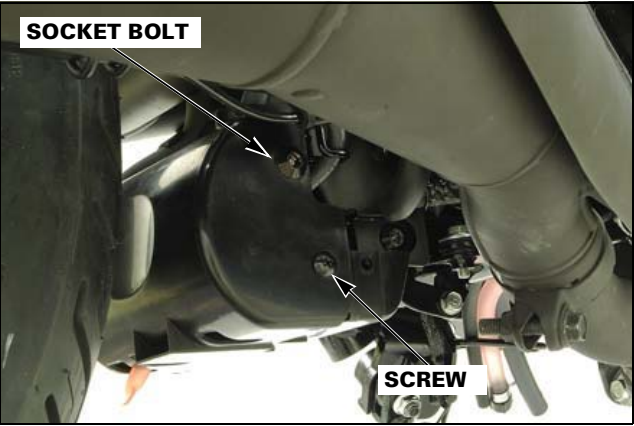
7.Reuse the clamp removed from the original hose and connect the coolant siphon hose to the radiator as shown.



8.Gather the hoses and enclose them with the 25 mm hose clamp as shown.



9.Reinstall the socket bolt and screw from right side the EVAP canister cover as shown.



10.Reinstall the fuel tank by following the FUEL TANK installation procedures in the appropriate Service Manual.

11.Connect the negative (-) cable to the battery by following the BATTERY installation procedures in the appropriate Service Manual.

12.Reinstall the left and right side covers by following the SIDE COVER installation procedures in the appropriate Service Manual.

13.Reinstall the seat by following the SINGLE SEAT installation procedures in the appropriate Service Manual.

14.Remove the reserve tank cap [1] and fill the tank to the "UPPER" level line with the recommended coolant.

COOLANT: ProHonda HP Coolant

15.Proceed to [IDENTIFICATION on page 9](#) of this bulletin.

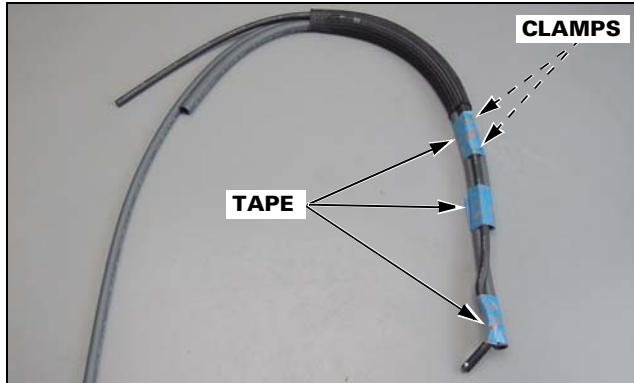
CMX500 REMEDY HOSE ASSY. INSTALLATION

1. Select the correct hose assembly for the model type:

Model Type	Part Number
CMX500 (Non-ABS)	17417-MKG-L00
CMX500A (ABS type)	17417-MKG-L50

2. Wrap tape around the hose clamps and the adjacent hose(s) at the positions of the lower portion of the hoses as shown.

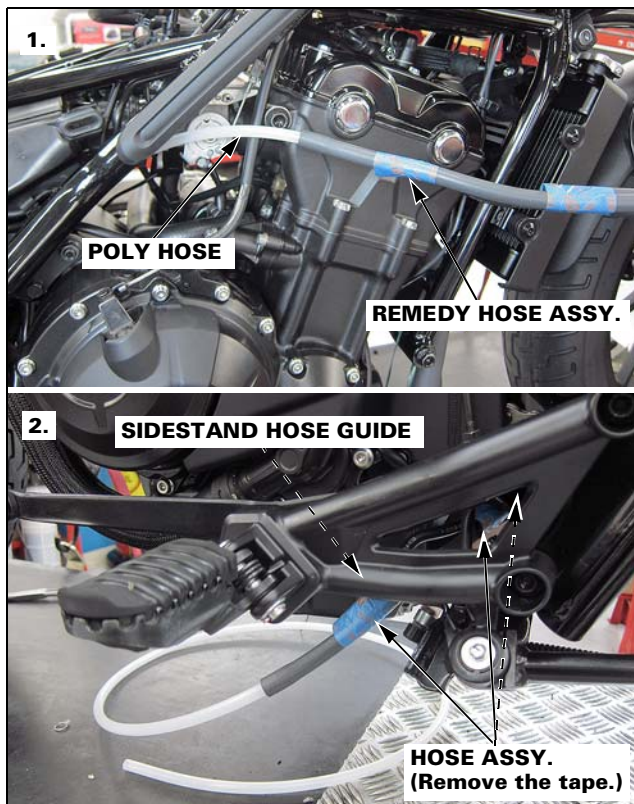
- This will protect the motorcycle paint and ease installation of the hose assembly.



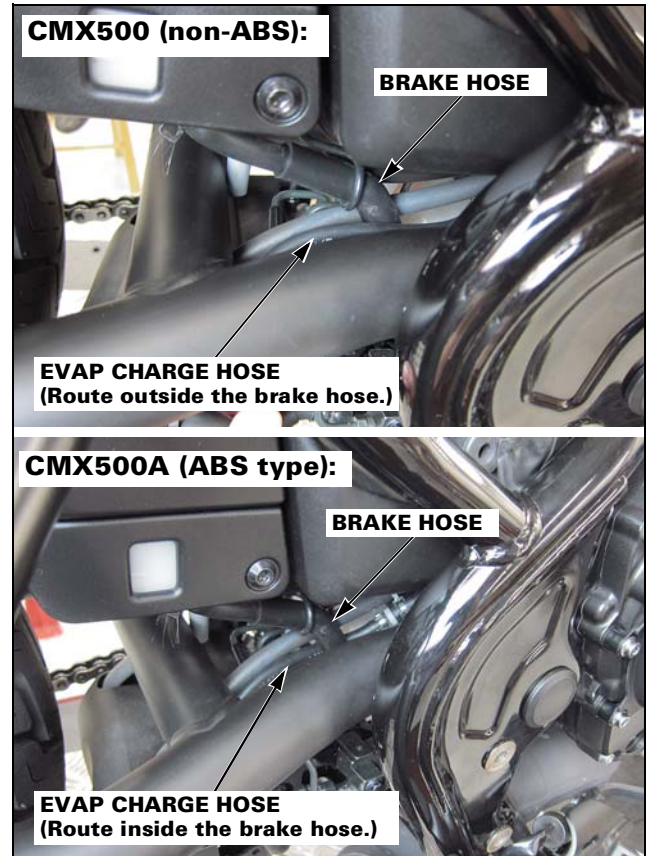
3. Connect the large hose of the remedy hose assembly to the poly hose as shown. Grasp the poly hose from the other end and pull the hose assembly into the motorcycle by gently twisting the hose assembly as you feed it into the motorcycle.

Continue pulling the hose assembly into the motorcycle until the large hose comes through the hose guide on sidestand as shown.

Remove the tape from the hose assembly.



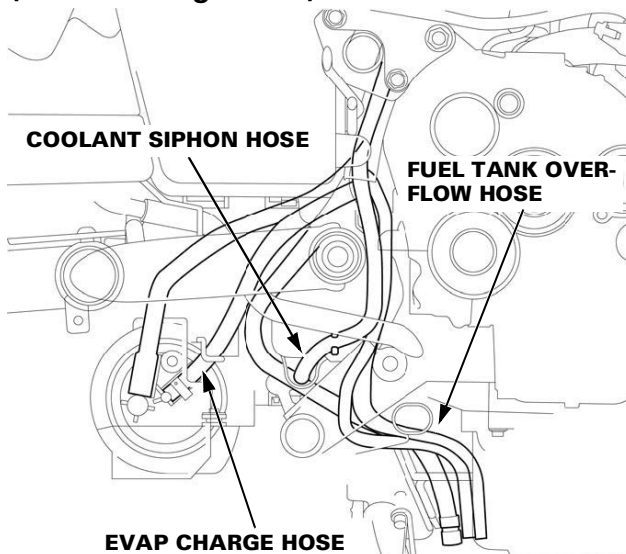
4. Route the EVAP charge hose around the correct side of the brake hose exactly as shown.



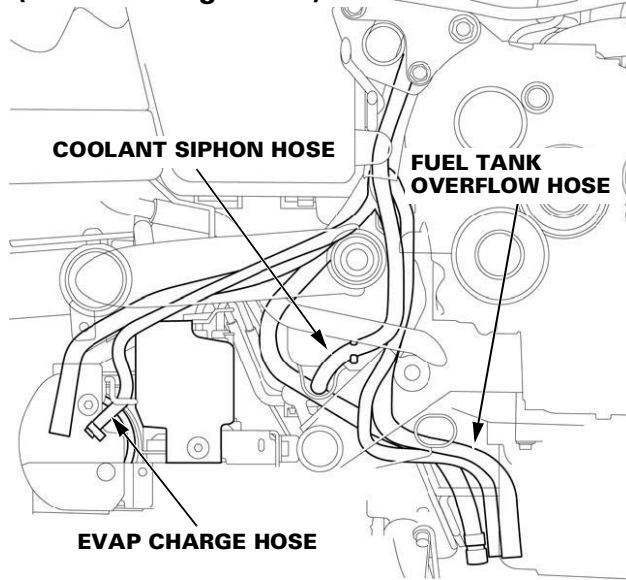
5. Route the lower portion of each hose to its destination as shown.

Reuse the clamps removed from the original hoses and connect the EVAP charge hose to the EVAP canister and the coolant siphon hose to the radiator reserve tank.

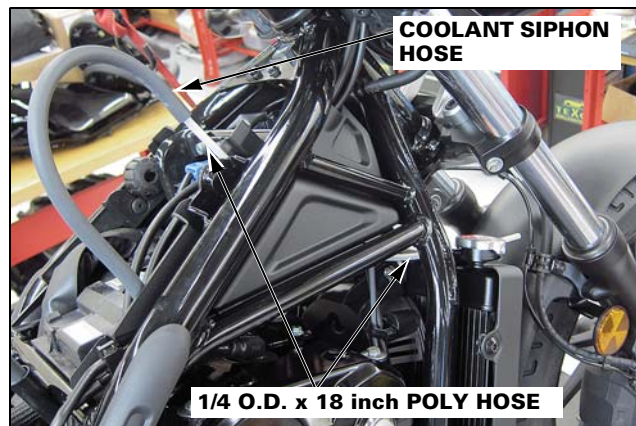
**CMX500 (non-ABS)
(view from right side):**



**CMX500A (ABS type)
(view from right side):**

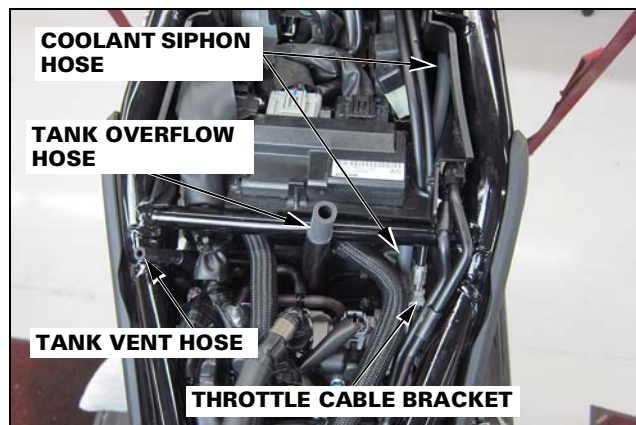


6. Push a 1/4 O.D. x 18 inch polyethylene hose into the coolant siphon hose and use it as a guide to route the hose as shown.



7. Route the upper portion of the coolant siphon hose to the left of the throttle cable bracket, up through and then across the top of the electronics tray as shown.

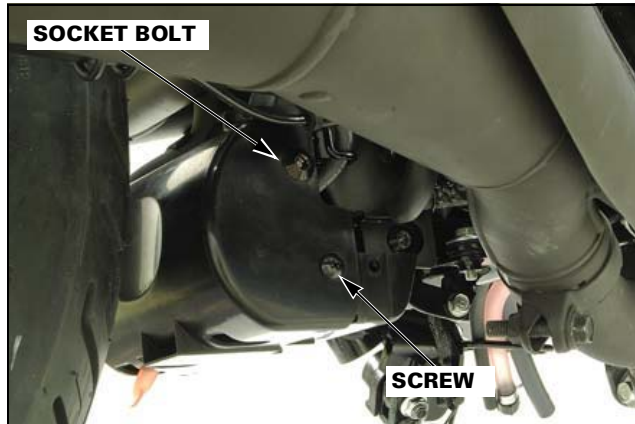
Route the fuel tank vent and overflow hoses as shown.



8. Reuse the clamp removed from the original hose and connect the coolant siphon hose to the radiator as shown.

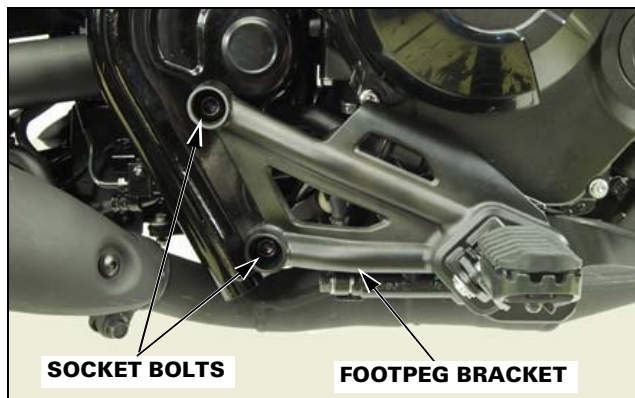


9. Reinstall the socket bolt and screw from right side the EVAP canister cover as shown.



10. Reinstall the footpeg bracket and socket bolts as shown. Tighten the bolts to the specified torque.

TORQUE: 22 N·m (2.2 kgf·m, 16 lbf·ft)



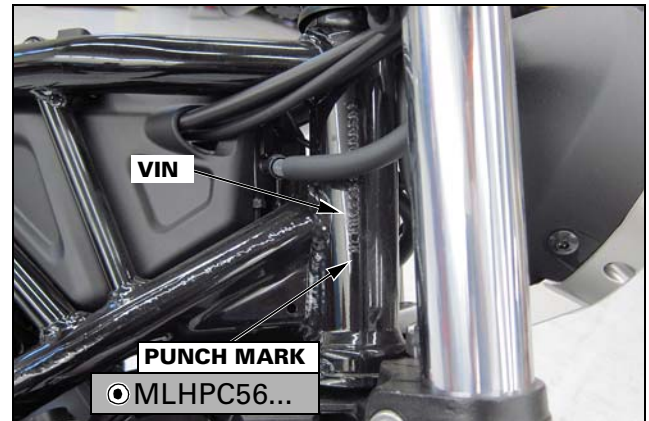
11. Reinstall the fuel tank by following the FUEL TANK installation procedures in the appropriate Service Manual.
12. Connect the negative (-) cable to the battery by following the BATTERY installation procedures in the appropriate Service Manual.
13. Reinstall the left and right side covers by following the SIDE COVER installation procedures in the appropriate Service Manual.
14. Reinstall the seat by following the SINGLE SEAT installation procedures in the appropriate Service Manual.
15. Remove the reserve tank cap [1] and fill the tank to the "UPPER" level line with the recommended coolant.

COOLANT: ProHonda HP Coolant

IDENTIFICATION

CMX300 and CMX500

After the REPAIR PROCEDURE is complete, apply a punch mark before the first character of the VIN located on the frame as shown.



CALIFORNIA REGISTERED UNITS ONLY

The California Air Resources Board (CARB) requires vehicle emission recalls to be completed prior to California registration renewal. Owners whose affected motorcycles have not received this Emissions Recall will not be able to renew their motorcycle's California vehicle registration.

After completing the repair, and stamping the frame serial number with a punch mark, dealers must issue a completed *Vehicle Emission Recall - Proof of Correction* certificate to the vehicle owner.

California dealers (and any dealer repairing a California registered unit) must order the Proof of Correction certificates (item no. S0425) from Helm, Inc.

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

NOTE: It is critical that you write down KJ3 as the Recall Number. The certificate may be requested by the California Department of Motor Vehicles at the time of vehicle registration renewal.

SAMPLE PROOF OF CORRECTION CERTIFICATE

CA DEALERS ONLY:

Write KJ3 as the recall number.

Vehicle Emission Recall - Proof of Correction

License Number	Make	Year Model	Body Type	Vehicle Identification Number																				
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Manufacturer _____ Recall Number _____

The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.

Dealer's Name

Address, City, State and Zip

Date

Dealership's Authorized Signature

X

Return this certificate to DMV only when required - otherwise retain for your records.

TEXT OF CUSTOMER LETTER

TEXT OF CUSTOMER LETTER IS FORTHCOMING