

## **Honda Recall Notification**

**2013-2015 CBR500R**

**2013-2015 CB500F**

**Fuel Level Sensor**

Submit to NHTSA – July 27, 2015

573.6(c)(2)

### **Identification of potentially affected vehicles:**

<u>Make/Model</u>	<u>Description</u>	<u>VIN Range/Dates of Manufacture</u>
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Please see below

573.6(c)(3)

**Total number of potentially affected vehicles:** 14,575

573.6(c)(4)

**Percentage of affected vehicles that contain the defect:** TBD

### **Description of the basis for the determination of the recall population:**

The recall population was determined based on manufacturing records. The VIN range reflects all possible vehicles that could potentially experience the problem.

573.6(c)(5)

### **Defect description:**

After exposure to a combination of several environmental and roadway conditions, it is possible for the fuel level sensor float arm holder to deform and allow the float arm to separate from the fuel level sensor body. If the float arm separates from the sensor body, the fuel meter will provide inaccurate information. In some cases the separated metal float arm may contact both the positive and negative terminals at the base of the fuel pump, causing a short that results in a blown (fuel injection, ignition or main) fuse. Either symptom could result in an engine stall, increasing the risk of a crash.

573.6(c)(6)

### **Chronology:**

June 11, 2013	American Honda Motor Co., Inc. (AHM) receives dealer notification regarding fuel meter fault and abnormal noise in fuel tank in 2013 MY unit as the result of fuel level sensor float arm detachment. AHM forwards Quality Improvement Correspondence (QIC) report to Thai Honda Manufacturing Co., Ltd. (THM)
July 25, 2013	THM provides AHM with result of investigation into US incident. THM is unable to recreate the customer complaint.
August , 2013	AHM informs THM via QICs of 17 additional incidents with reports of abnormal fuel tank noise and fuel meter fault; in 4 instances, customers complained that the engine either shut-off or would not restart after parking. THM issues Quality Information Sheet characterizing issue as one of high rank.

September, 2013	AHM informs THM via QICs of 5 additional incidents (one involving a second failure for the same customer).
October 7, 2013	THM receives notification of single incident in Germany from Honda Europe.
December 6, 2013	THM receives notification of single incident in Thailand.
February 12, 2014	AHM informs THM via QIC of 8 additional incidents (including one repeat failure).
February 2014	Despite continued investigation and testing, THM remains unable to recreate fuel lever sensor float arm detachment.
April 9, 2014	AHM informs THM via QIC of 5 additional incidents (including 2 repeat failures).
April 2014	THM receives notification of 2 incidents from Honda Australia.
June 13, 2014	AHM informs THM via QIC of 3 additional incidents (including third failure for one customer). Four days earlier, THM had received notification of 1 additional incident from Honda Australia.
June 23, 2014	As THM continues investigation into fuel level sensor float arm detachment, it requests assistance from Honda R&D (Japan). HRD begins testing of environmental, roadway, chemical and mechanical conditions.
July -August 2014	AHM informs THM via QICs of 9 additional incidents (including third failure for one customer), one of which involves – for the first time – a 2014 MY unit.
September 2014	AHM informs THM via QICs of 7 additional incidents, two of which involved 2014 MY units. Honda Canada informs THM of 2 incidents, the first reported in the Canadian market. THM and HRD continue testing and investigation efforts.
December 2014	Honda R&D succeeds in recreating fuel lever sensor float arm detachment. HRD and THM continue investigation. Honda Canada reports an additional incident.
April 22, 2014	AHM informs THM via QIC of 3 additional incidents (one involving a second failure for a customer). THM and HRD continue investigation and analysis.
June 25, 2015	AHM informs THM via QIC of first incident involving 2015 MY unit.
July 20, 2015	Honda Motor Co., Ltd. determines that a safety defect exists and decides to conduct a recall.

As of 7/27/2015 Honda has received 78 warranty claims and 67 field reports. Honda is not aware of any crashes, injuries or deaths related to this issue.

573.6(c)(8)(i)

**Program for remedying the defect:**

The owners of all affected vehicles will be contacted by mail and asked to take their vehicle to a Honda motorcycle dealer. The dealer will replace the fuel level sensor assembly, free of charge.

573.6(c)(8)(ii)

**The estimated date to start notification to dealers:** July 27, 2015

**The estimated date to stop notification to dealers:** TBD

**The estimated date to start notifications to owners:** TBD

**The estimated date to stop notifications to owners:** TBD

573.6(c)(11)

**Manufacturer's campaign number:** JT1

Model Year	Model	Type	VIN From	VIN To	Production From	Production To
2013	CBR500RA	AC	MLHPC4404D5000001	MLHPC4402D5000868	1/24/2013	8/7/2013
	CBR500R	2AC	MLHPC4414D5000024	MLHPC441XD5003719	1/24/2013	8/7/2013
		AC	MLHPC4415D5000002	MLHPC4412D5003715	1/24/2013	8/7/2013
2014	CBR500RA	AC	MLHPC4409E5100001	MLHPC4403E5100544	10/30/2013	6/16/2014
	CBR500R	2AC	MLHPC4417E5100037	MLHPC4412E5100446	10/22/2013	6/26/2014
		3A	MLHPC4463E5100001	MLHPC4469E5102304	10/24/2013	6/23/2014
		A	MLHPC4462E5100071	MLHPC4460E5102384	10/24/2013	6/30/2014
		AC	MLHPC4418E5100001	MLHPC4419E5100430	10/22/2013	6/26/2014
2015	CBR500RA	AC	MLHPC4403F5200001	MLHPC4401F5200367	12/12/2014	5/14/2015
	CBR500R	A	MLHPC4468F5200001	MLHPC4469F5201626	12/12/2014	5/14/2015
		AC	MLHPC4412F5200001	MLHPC4416F5200339	12/12/2014	5/14/2015
2013	CB500FA	AC	MLHPC4506D5000001	MLHPC4504D5000191	1/31/2013	7/8/2013
		2AC	MLHPC451XD5000012	MLHPC4519D5000762	1/31/2013	7/8/2013
	CB500F	AC	MLHPC4515D5000001	MLHPC4514D5000748	1/31/2013	7/8/2013
2014	CB500FA	AC	MLHPC4500E5100001	MLHPC4504E5100308	10/29/2013	6/16/2014
	CB500F	2AC	MLHPC4512E5100039	MLHPC4513E5100258	10/29/2013	6/27/2014
		3A	MLHPC4562E5100117	MLHPC4565E5101374	10/28/2013	6/27/2014
		A	MLHPC4565E5100001	MLHPC4567E5101344	10/28/2013	6/6/2014
		AC	MLHPC451XE5100001	MLHPC4519E5100250	10/29/2013	6/27/2014
2015	CB500FA	2AC	MLHPC4505F5200001	MLHPC4506F5200296	1/13/2015	5/16/2015
	CB500F	2AC	MLHPC4514F5200001	MLHPC4515F5200170	1/13/2015	5/16/2015
		3A	MLHPC456XF5200001	MLHPC4563F5200924	1/13/2015	5/16/2015