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AMENDED DEFECT INFORMATION REPORT

Honda is amending the chronology to include reference to other Honda and Acura vehicles that are equipped with the same battery sensor subject to the recall.

573.6(c)(6)
Chronology:

March 3, 2015	Honda received the first claim from Canada of a thermal event originating from the engine under hood. An investigation was launched.
July - August 2015	The analysis of returned parts indicated that salt-water intrusion through a gap in the battery sensor case caused a short in the PCB (printed circuit board) and the subsequent thermal event. Formation of these gaps occurred when the supplier manufactured the battery sensor case with a low die temperature. As a temporary countermeasure, the supplier increased the die temperature and performed air leak checks to ensure gaps were not present.
October 7, 2015	The temporary countermeasure battery sensor was applied at the vehicle assembly line.
November 2015 – January 2016	Continued analysis of returned parts revealed that salt-water reached the PCB via a through hole for the connector terminal that was insufficiently soldered.
February 13, 2016	Honda received a similar claim of a thermal event in China. An investigation was launched.
March 25, 2016	Honda issued a modified drawing to improve productability for the battery sensor case that eliminated the possibility of moisture intrusion. Solder application was also enhanced to block access to the PCB from the through hole.
June 7, 2016	The redesigned battery sensor was applied at the vehicle assembly line.
June 22, 2016	Honda received the first claim from the USA of a thermal event originating from the engine under hood.
June – July 2016	Analysis of returned parts from the February 13, 2016 thermal event in China identified that grease (containing sulfate) applied to the battery sensor mounting post can mix with salt-water to increase electrical resistance and accelerate thermal activity.
August 26, 2016	The market issue was reviewed and future occurrence rate was estimated to be low. Honda decided to continue monitoring the field.
September 2016 – May 2017	Honda received 14 reports of thermal events (two in the USA).
June 22, 2017	Honda made the determination that a defect related to motor vehicle safety exists and decided to conduct a safety recall.

As of June 22, 2017, Honda has received 3,972 warranty claims, zero field reports, four reports of thermal events in the USA, and no reports of injuries or crashes related to this issue.

Honda has identified that the affected part is also installed in 2014 -2016 model year Acura RLX and Honda Accord HEV (hybrid electric vehicles). The layout and positioning of the sensor in these vehicles minimizes the sensor's exposure to water. As such, these vehicles are not included in this market action.