

**Safety Recall 17V-xxx
Model Year 2007-2011
Certain BMW Models
Positive Crankcase Ventilation (PCV) Valve Heater – (Blow-By-Heater)
Part 573 Chronology
30 Oct 2017**

In 2009 a field incident involving a Model Year 2007 BMW X5 SAV was received involving heat related damage to the engine compartment. BMW reviewed the available information and performed a vehicle inspection. A root cause could not be determined but monitoring was initiated. In late 2009, another field incident was received involving a Model Year 2006 BMW 3 Series involving heat related damage to the engine compartment.

Beginning in 2010, additional reports were received involving various models and model years with heat related damage to the engine compartment. Analyses indicated that many incidents were localized and self-extinguishing.

As a result of these additional field incidents, a parts-return program was initiated. Between 2011 and 2012, testing and analyses of the returned parts were performed. Parts from Model Year 2005 through 2008 3 Series, 5 Series, X3 SAV, and the X5 SAV were evaluated. Ultrasound, microscopy, and x-ray techniques were used to analyze the parts with respect to the field condition, i.e., a localized smoldering of the PCV valve heater. The analyses indicated that, over time, and due to several contributing factors, a degradation of the heater could occur. The field continued to be monitored. No reports of injuries were received for any of the incidents.

Starting mid-2016 and in 2017 BMW Canada also reviewed the issue with Transport Canada. Additional analyses indicated that most vehicles “age-out” of the possibility of the issue occurring and that if a vehicle were to experience the issue, it would typically occur between two and eight years of the vehicle’s age. Prior to the two year period, and subsequent to the eight year period, the likelihood of the issue occurring is very low.

BMW met with NHTSA to discuss this issue and on October 13th, submitted a Part 579 related to its Canadian filing as it continued analyzing the issue and determining the specific actions to take for the US market.

Reviews of vehicle manufacturing records, supplier and sub-supplier production information, field data, engineering specifications including PCV valve heater configuration for vehicle type, were conducted.

On October 25, 2017, BMW decided to conduct a voluntary recall.

BMW has not received any reports, nor is BMW otherwise aware, of any accidents or injuries related to this issue.