

**2016 MY Sorento Driver Seatback Frame Weld Chronology
Basis of Safety Defect Determination 573.6(c)(6)**

August 22, 2016	Kia Motors Manufacturing Georgia (KMMG) receives warranty claim regarding potential improper welding of the driver seatback frame from a 2016MY Sorento. KMMG requests part for further evaluation.
September 12, 2016	KMMG obtains warranty return part.
September 13, 2016	KMMG communicates with seat assembly supplier and delivers part to supplier for evaluation. Inspection of seatback shows evidence of improper welding at frame weld points.
September 14-27, 2016	KMMG works with supplier to analyze potential cause of improper welds. Supplier's records reveal improperly functioning weld robot found during routine maintenance. Robot's programming updated and corrected on March 15, 2016. Return part sent out for testing.
September 30-October 11, 2016	KMMG and the supplier conduct seat back strength tests.
October 12, 2016	Test results identify warranty return part did not meet strength test requirements. KMMG advises KMC of results.
October 14, 2016	KMC makes decision to conduct safety recall. 2 warranty claims and 0 consumer assistance complaints regarding issue. No accidents or injuries.