

**2016MY Sedona and Sorento  
Automatic Transmission Shift Lever Assembly  
Basis of Safety Defect Determination 573.6(c)(6)**

September 29, 2021	Kia America Consumer Affairs department receives customer complaint involving a 2016 Kia Sedona alleging a rollaway incident (subject vehicle) after child moved transmission gear shifter from Park position with engine off. Consumer Affairs escalates case for further handling.
October 18, 2021	Kia North America (Kia NA) Safety Office identifies Vehicle Owner Questionnaire (VOQ) involving the subject vehicle.
October 25, 2021 – November 1, 2021	Kia NA Safety Office receives NHTSA pre-investigative request for information (PIR) regarding the subject vehicle. Kia NA Safety Office advises NHTSA that it plans to inspect the subject vehicle.
December 1, 2021	Kia NA Safety Office engineer inspects subject vehicle and identifies gear shifter could be shifted into any gear position with ignition off and brake pedal not depressed. Shift lock lever found to be stuck in the unlocked position.
December 8, 2021	Kia NA Safety Office presents subject vehicle inspection results to NHTSA during December monthly meeting and advises of plan to replace automatic transmission shift lever assembly and collect part for further investigation (incident part).
January 12, 2022	Kia NA Safety Office updates NHTSA during January monthly meeting of subject vehicle incident part collection status. Customer refuses Kia’s repair/repurchase proposals and as a result, Kia is unable to collect incident part.
January 13, 2022— March 23, 2022	Kia NA Safety Office continues efforts to collect subject vehicle incident part, ultimately collects part from customer and ships incident part to the supplier for their evaluation.
April 7, 2022—July 26, 2022	Supplier receives incident part from Kia NA Safety Office and conducts evaluation. Kia Corporation (Kia HQ) and supplier work together to conduct further durability, environmental testing and analysis to evaluate the issue, determine cause and identify potential scope.
July 27, 2022	Kia HQ provides incident part analysis results to Kia NA Safety Office and identifies shift lock lever holder does not meet dimension specification causing the lever holder to be stuck in the

	unlocked position. Kia HQ also identifies 2016MY Sorento is equipped with same shift lock lever holder as the 2016MY Sedona.
July 28, 2022—July 30, 2022	Kia NA Safety Office escalates issue to SEL and conducts field data analysis regarding ability to move gear shifter out of park without depressing the brake pedal. Kia NA Safety Office identifies 5 warranty claims (10/12/15—6/14/19); 2 techline cases (11/4/15—11/18/15) and 2 customer complaints involving a crash with no injury (3/13/18—9/29/21) for 2016MY Sedona. Two (2) warranty claims (5/23/16—4/3/19) and 2 techline cases (3/10/16—5/26/16) for 2016MY Sorento.
August 1, 2022	Kia HQ works with supplier to confirm potential vehicle scope and advises Kia NA Safety Office.
August 3, 2022	Kia NA decides to recall certain 2016MY Sedona and Sorento vehicles. No fatalities, injuries or fires.