

**2009-2014MY Borrego
Headliner Plates
Basis of Safety Defect Determination 573.6(c)(6)**

August 1, 2022	Kia North America (Kia NA) files recall of 2012-2013MY Optima vehicles manufactured at Kia Georgia to address issue related to headliner plate detachment during curtain airbag (CAB) deployment.
August 8, 2022 – September 8, 2022	Kia Corporation (Kia HQ) reviews design of all Kia vehicles with headliner plates to check whether any additional models may have similar issue. Kia HQ requests Hyundai America Technical Center, Inc. (HATCI) conduct CAB deployment testing.
September 9, 2022 – November 21, 2022	<p>HATCI performs CAB deployment tests. Deployment test results in left headliner plate detachment in a 2009MY Borrego vehicle. Headliner plate detachment does not occur in other models tested.</p> <p>HATCI sends deployment test parts to Kia HQ for further evaluation. Kia HQ identifies hot melt adhesive is not present on headliner plate. Cause of missing adhesive is unknown. Kia HQ requests HATCI perform additional testing.</p>
January 6, 2023	HATCI performs CAB deployment test on another 2009MY Borrego vehicle. Headliner plates do not detach.
March 6, 2023 – March 24, 2023	Kia HQ conducts hot melt adhesive quality check on Mohave vehicles (comparable U.S. model Borrego) sold in the Korean market and confirms no issue found.
April 13, 2023	Kia HQ requests HATCI conduct an additional CAB deployment test in light of varying results.
June 28, 2023 – September 22, 2023	<p>HATCI performs CAB deployment test on a third 2009MY Borrego vehicle. Left headliner plate detaches. Kia HQ inspects part returned from third deployment test and identifies adhesive is present but insufficient. Kia HQ begins to investigate headliner durability and headliner plate detachment force.</p> <p>Kia HQ informs Kia NA Safety Office of investigation status. Kia NA Safety Office performs preliminary data analysis and identifies one (1) customer complaint involving a 2009MY Borrego describing detachment of headliner plate during curtain airbag deployment. No injury or death.</p>

<p>September 25, 2023 – October 4, 2023</p>	<p>Kia HQ’s investigation identifies likely cause of headliner plate detachment is due to error in adhesive application by supplier worker and confirms if adhesive insufficiently applied, detachment of the headliner can occur. Kia HQ shares investigation results with Kia NA Safety Office.</p>
<p>October 5, 2023</p>	<p>Kia NA Safety Office updates field data analysis across Kia data sources and identifies no additional headliner plate detachment incidents.</p>
<p>October 6, 2023</p>	<p>Kia NA decides to recall the 2009MY Borrego vehicles sold in the U.S. and U.S. Territories and the 2010-2014MY Borrego vehicles sold in the U.S. Territories. One (1) customer complaint. No fatalities or injuries.</p>