

**2016-2017MY Rio, 2016-2018MY Optima, 2017-2018MY Optima Hybrid and  
2017-2018MY Optima Plug-in Hybrid  
Emergency Trunk Latch Release Lever  
Basis of Safety Defect Determination 573.6(c)(6)**

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| January 17, 2023             | During regular monitoring of field data, Kia North America (Kia NA) Safety Office identifies potential trunk latch inoperable concern for 2016 and 2017MY Rio vehicles. Kia NA Safety Office begins collection of Rio trunk latch assemblies.  |
| February 10, 2023            | Kia NA Safety Office reviews field data and escalates issue to SEL for further investigation.  |
| February 16 - March 30, 2023 | Kia NA Safety Office receives two (2) warranty-returned parts with complaints of trunk will not latch/close for 2017MY Rio. Kia NA Safety Office installs two warranty-returned parts on exemplar vehicle and duplicates inability to close trunk. Kia NA Safety Office ships parts to Kia Corporation (Kia HQ) for further investigation.   |
| May 2, 2023                  | <p>Kia HQ informs Kia NA Safety Office of its parts evaluation results regarding two warranty-returned trunk latches. Kia HQ identifies latches exhibit crack in the trunk latch base subassembly. Testing confirms normal operation of trunk latch in one part and inability to close trunk in the other part.</p> <p>Kia HQ identifies certain Optima models are equipped with same latch components as the Rio and requests additional parts for further investigation.</p> |
| May 4, 2023                  | Kia HQ and Kia America visit dealer to inspect 2016MY Rio (Vehicle #1) with complaint of trunk not opening or closing. Inspection identifies emergency trunk latch release lever does not open trunk. Kia NA Safety Office requests part for further evaluation.   |
| May 15 - June 2, 2023        | Kia NA Safety Office receives part from Vehicle #1 and notices latch is broken, likely caused during removal by technician. Kia NA Safety Office receives six (6) additional warranty-returned parts from Rio and Optima. Kia NA Safety office ships the parts to Kia HQ for further evaluation.   |
| July 5, 2023                 | Kia HQ informs Kia NA Safety Office of preliminary investigation results of shipped parts and identifies three (3) parts could not be tested due to broken pawl, three (3) parts operate normally (i.e.,   |

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|                 | <p>emergency release lever opens trunk), and one (1) part opens trunk on second attempt when using emergency release lever.</p> <p>Kia NA Safety Office inspects 2017MY Rio (Vehicle #2) with complaint of trunk not opening. Trunk does not open using emergency release lever. Incident part collected for further evaluation.</p>   |
| August 14, 2023 | <p>Kia HQ and Kia NA Safety Office conduct joint inspection and install collected part from Vehicle #2. Part opens trunk intermittently (i.e., on fifth attempt) using emergency release lever.</p>  |
| August 16, 2023 | <p>Kia NA Safety Office updates field data and finds a total of 32 incidents describing the inability to open the trunk from the emergency release lever.</p> <p>Kia NA conducts regulatory review and identifies intermittent inability to open the trunk from the inside is considered a noncompliance with FMVSS 401, §S4.3(a).</p> |
| August 17, 2023 | <p>Kia NA Safety Office decides to conduct a FMVSS 401 noncompliance recall of certain 2016-2017MY Rio, 2016-2018MY Optima, 2017-2018MY Optima Hybrid and 2017-2018MY Optima Plug-in Hybrid vehicles. No crashes or injuries.</p>  |