

### TRW Automotive Inc. (ZF) Chronology

Aug. 2011	At Mobis' request, ZF analyzes the ACU from a Kia Forte in China involved in an event in which the airbags purportedly did not deploy. ZF observes damage on the ASIC that is consistent with EOS. Hyundai Kia Motors Corporation (HKMC) subsequently communicates its assessment that the incident was a commanded nondeployment.
March 2012	At Mobis' request, ZF analyzes the ACU from a Kia Forte in Egypt involved in an event in which the airbags purportedly did not deploy. ZF observes damage on the ASIC that is consistent with EOS. HKMC subsequently communicates its assessment that the incident was a commanded nondeployment.
May 17, 2012	ZF communicates with HKMC and Mobis about the investigation of field events with observed EOS.
Feb. 15, 2015	At Hyundai Motor America's (HMA) request, ZF downloads available data in an ACU from a Hyundai Sonata involved in an event in which the airbags purportedly did not deploy.
May 6, 2015	At Kia Motors America's (KMA) request, ZF downloads available data in an ACU from a Kia Forte involved in an event in which the airbags purportedly did not deploy.
Dec. 1-3, 2015	At KMA's request, ZF analyzes ACUs from two Kia Forte vehicles involved in separate events in which the airbags purportedly did not deploy. ZF observes damage on the ASIC in both ACUs that is consistent with EOS. HKMC subsequently communicates its assessment that one of the incidents was a commanded nondeployment and the other is under investigation.
Dec. 14, 2015	At KMA's request, ZF attends the inspection of two Kia Forte vehicles for which ZF had previously downloaded data from events in which the airbags purportedly did not deploy.
Jan. 2016	ZF communicates with customers regarding EOS and contact with NHTSA.
Feb. 5, 2016	ZF meets with NHTSA, at ZF's request, to discuss its investigation of EOS observed on its ACUs and incidents involving nondeployment of airbags.
Feb. 25, 2016	ZF meets with HKMC and Mobis in Korea to discuss the NHTSA meeting and the continued investigation of nondeployments with observed EOS.
April 25, 2016	At HMA's request, ZF analyzes an ACU from a Hyundai Sonata for which ZF had previously downloaded data from an event in which the airbags purportedly did not deploy. ZF observes damage on the ASIC that is consistent with EOS. HKMC subsequently communicates its assessment that the incident was a commanded nondeployment.
April 26, 2016	At HMA's request, ZF attends the inspection of a Hyundai Sonata vehicle for which ZF had previously downloaded data from an event in which the airbags purportedly did not deploy.

May 24-26, 2016	ZF attends another in-person meeting with HKMC and Mobis in Korea to discuss the ongoing EOS analysis and investigation.
July 19, 2016	ZF attends another in-person meeting with NHTSA to provide an update on the ongoing EOS investigation.
July 29, 2016	ZF meets with HKMC and Mobis in Korea to discuss the NHTSA meeting and continued investigation of nondeployments with observed EOS on the ACU.
Aug. 23, 2016	At KMA's request, ZF downloads available data in an ACU from a Kia Forte involved in an event in which the airbags purportedly did not deploy.
Sept. 23, 2016	ZF voluntarily provides data pertaining to its supply of ACUs with particular ASICs to customers, at NHTSA's request.
Sept. 2016	ZF communicates with its customers about its ongoing investigation of EOS and contact with NHTSA.
Nov. 3, 2016	At HMA's request, ZF downloads available data in an ACU from a Hyundai Sonata involved in an event in which the airbags purportedly did not deploy.
Feb. 23, 2017	At HMA's request, ZF downloads available data in the ACU from a Hyundai Sonata involved in an event in which the airbags purportedly did not deploy.
March 3, 2017	At Mobis' request, ZF downloads available data in an ACU from a Kia Forte from China, involved in an event in which the airbags purportedly did not deploy.
Aug. 21-22, 2017	At HMA's request, ZF attends the inspection of two Hyundai Sonata vehicles for which ZF had previously downloaded data from events in which the airbags purportedly did not deploy.
Aug. 24-25, 2017	At HMA and KMA's request, ZF analyzes ACUs from two vehicles for which ZF had previously downloaded data, from events involving Hyundai Sonatas and an event involving a Kia Forte in which the airbags purportedly did not deploy. ZF observes damage on the ASICs that is consistent with EOS. HKMC communicates its assessment that all three incidents were commanded nondeployments.
Jan. 31, 2018	At KMA's request, ZF downloads available data from the ACU from an event involving a Kia Sedona.
Jan.-Feb. 2018	ZF is informed by HMA and KMA that NHTSA is requesting information about incidents involving airbag nondeployment. ZF shares information previously provided to HKMC regarding the ongoing investigation.
Feb. 27, 2018	HMA voluntarily recalls vehicles.
March 8, 2018	ZF meets with NHTSA, at ZF's request, to provide an update on the ongoing investigation.
March 2018	ZF communicates with customers regarding contact with NHTSA.
March 16, 2018	NHTSA announces its Preliminary Evaluation of certain Hyundai and Kia vehicles following reports of air bag nondeployment in frontal crashes (PE18-003). ZF supports NHTSA's investigation, continues to

	communicate with NHTSA about the ongoing investigation, and voluntarily provides information at NHTSA's request.
March 23, 2018	At HMA's request, ZF downloads available data and analyzes an ACU from a Hyundai Sonata vehicle involved in a crash test conducted by HMA in which the airbags deployed. ZF observes damage on the ASIC that is consistent with EOS.
March 27, 2018	At HMA's request, ZF downloads available data from and analyzes an ACU from a Hyundai Sonata involved in a crash event where the airbags purportedly did not deploy. ZF observes damage on the ASIC that is consistent with EOS.
April 12, 2018	At NHTSA and HMA's request, ZF downloads available data and analyzes ACUs from Hyundai Sonata vehicles involved in crash tests conducted by HMA, one purportedly involving an airbag deployment and the other a nondeployment. ZF observes damage on both ASICs that is consistent with EOS.
April 27, 2018	NHTSA issues an Information Request to ZF in connection with PE 18-003, requesting information about ACUs supplied to customers. ZF subsequently provides information responsive to NHTSA's request.
May 2018	ZF continues to communicate with its customers about the ongoing investigation.
May 24, 2018	At NHTSA and KMA's request, ZF downloads available data and analyzes ACUs from Kia Forte vehicles collected in connection with NHTSA's investigation. ZF observes damage on the ASIC in one of the modules that is consistent with EOS and no EOS damage on the other module.
June 1, 2018	Kia voluntarily recalls vehicles.
June 13, 2018	NHTSA requests that ZF file a Part 573 report following the HMA and KMA recalls.