NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division Washington, D.C. 20594

August 18, 2015

Electronic Control Units

Specialist's Factual Report By Ben Hsu

1. EVENT SUMMARY

Location:	Penwell, Texas
Date:	January 14, 2015
Vehicle:	2015 Bluebird Prison Transport Bus
VIN:	1BAKJCPA4FF
Vehicle Operator:	Texas Department of Criminal Justice
NTSB Number:	HWY15MH004

For a summary of the crash, refer to the *Crash Summary Report* in the docket for this investigation.

2. DETAILS OF DEVICE INVESTIGATION

The National Transportation Safety Board (NTSB) Vehicle Recorder Division received the following electronic control units (ECU):

Device 1:	Bendix ABS ECU
Device 1 Serial No.:	MI0M03140579
Device 2:	Allison Transmission ECU
Device 2 Serial No.:	62CR00XN

The Bendix ABS ECU exhibited minor damage to its outer metal casing due to impact (Figure 1). The device was imaged by Bendix engineers under the observation of NTSB staff. No accident-related data was recorded by the ECU.

The Allison Transmission ECU arrived in good condition. Engineers at Allison were consulted and it was determined that the ECU contained no time-stamped data relevant to the investigation.



Figure 1: Bendix ABS ECU (Serial No. MI0M03140579)

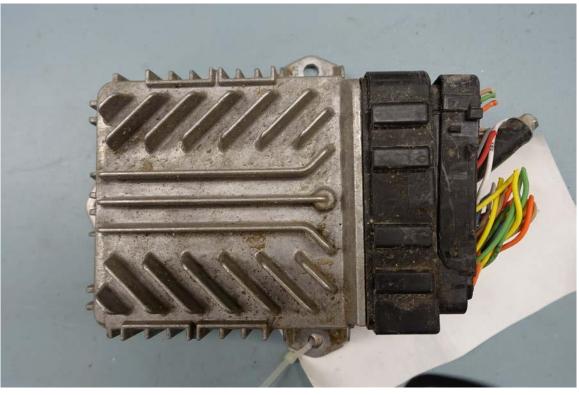


Figure 2: Allison Transmission ECU (Serial No. 62CR00XN)