

ACPE-10-05

Accident Cases caused by Pedal Misapplication in Korea

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Korea Automobile Testing & Research Institute(KATRI)

Special Accident Investigation Office

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Pedal misapplication accident

◀ Purpose of Sharing Case

- ☑ Review of an accident involving multiple fatalities caused by pedal misapplication
- ☑ Analysis of the driver's handling of the vehicle and the circumstances that led to multiple fatalities

◀ Outline for Accident

- ☑ Accident Date : July 1, 2024 (9:30 p.m.)
- ☑ Vehicle : 2018MY, M1 Vehicle(3.3 Gasoline) ☑ Driver : 68 years old, Male
- ☑ Casualties(injuries) : 9 dead, 7 injured (including subject driver)
- ☑ Driver claim : Sudden unintended acceleration occurred, the brake pedal were hard and not manipulated at time of the accident
- ☑ Police investigation : The National Forensic Service (NFS) found no mechanical defects in the accelerator or braking system. According to the analysis of the event data recorder(EDR),
 - the driver didn't press the brake pedal for about five seconds before the accident.
 - the driver repeatedly pressed and released the accelerator pedal.

Pedal misapplication accident

◀ Purpose of Sharing Case

- ☑ Review of a Pedal Misapplication Accident with Pedal Dashcam Footage

◀ Outline for Accident

- ☑ Accident Date : July 19, 2024 (PM 12h)
- ☑ Driver : 68 years old, Male
- ☑ Driver claim : Sudden unintended acceleration occurred while going downhill
- ☑ The driver believed it was a case of sudden acceleration and called the police, providing the vehicle's dashcam footage. However, the video clearly showed the accelerator pedal being pressed



Observation

- ◀ **Two Drivers mistook the accelerator pedal for the brake pedal.**
- ◀ **In both cases, drivers were pumping(releasing and pressing) the accelerator pedal.**
- ◀ **There is a need to gather real-world examples of such accidents.**
- ◀ **We request other countries to share their accident cases.**



THANK YOU

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