



## **Taiwan Transportation Safety Board Occurrence Investigation Interim Safety Bulletin**

**Notice no.:** TTSB- IHSB- 21- 03- 001

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### **Explanation:**

There have been many bus accidents recently in which passenger seats came loose from the floorboard, causing a large number of deaths and injuries. Current Vehicle Safety Testing Directions only test the structural strength of seats and whether they can absorb and cushion the energy of a vehicle collision. There are no clear requirements in terms of the method the seats are fixed to the vehicle.

In addition, there is also a lack of standard inspection procedures and regulations after the passenger seats of a bus are modified.

### **Recommendations:**

To prevent the aforementioned serial problem of seats becoming detached in accidents from happening again, the Ministry of Transportation and Communications and its subordinate organizations (institutions) are requested to immediately carry out a comprehensive review of tourist bus and National Highway bus seat instalment and fixing method.

At the same time, the same models as the vehicles involved in the following accidents should be reviewed on a priority basis to ensure passenger safety on the road:

1. On September 17, 2018, a tourist bus collided with the roadside guard rail on the Dapu interchange of Provincial Highway No. 62;
2. On June 28, 2020, tour buses collided on Hushan Road on Yangming Mountain in Taipei city;
3. On March 16, 2021, a tourist bus collided with the mountain wall at the 114.7 kilometer mark on Provincial Highway No. 9 heading north.

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