

DET Supplemental Document

RB7-1 Floor Board Trim

Condition

- Vehicles : All vehicles
- Part and Structure : Floor Board Trim



One piece type



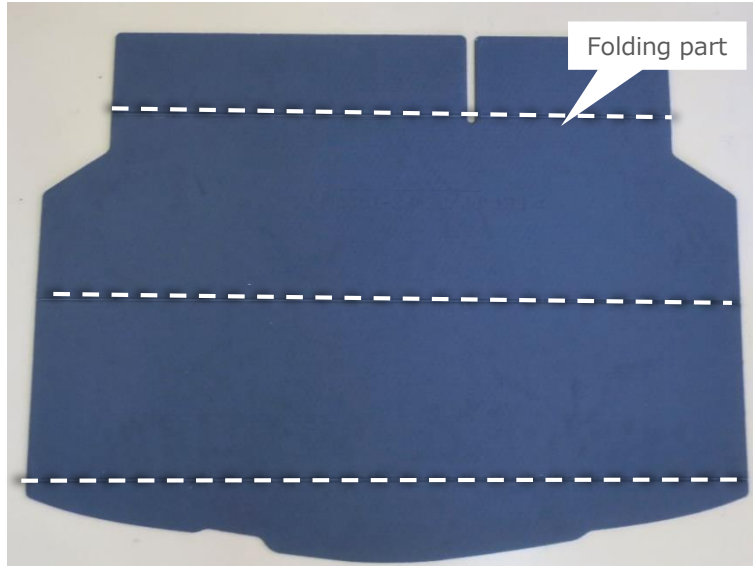
One piece and folding type



Separate type

Criteria

The Floor Board Trim should have the structure which does not transmit crash forces to forward components when the Trim is pushed forward due to the Back Panel intrusion in a rear-end collision.



1. For one piece type, structure that allows the Trim to be folded when pushed from behind
2. For separate type, the shape of the border between each Trim that has rounded or diagonal edge to prevent the Trim from engaging each other

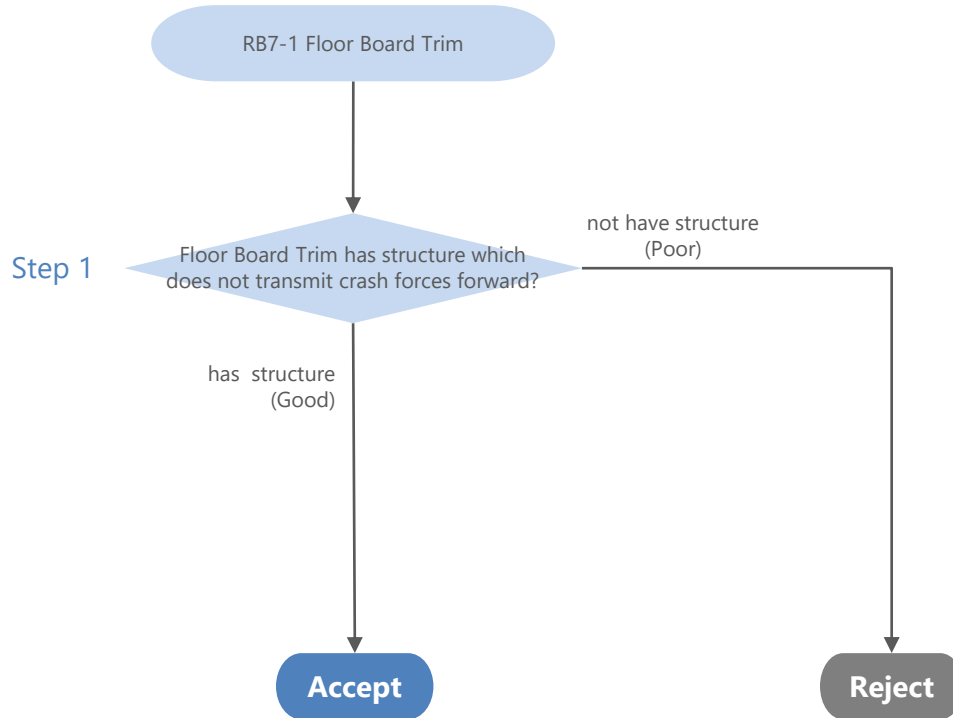
Reason

When the Floor Board Trim have the structure which does not transmit crash forces to forward components, when the Trim is pushed forward due to the Back Panel intrusion in a rear-end collision, damage to the Trim itself or the Rear Seat is less likely to occur.



衝突時にトリムの可動部が持ち上がり、
トリム・リヤシートに損傷なし

Check Flow



Check – Step 1-1

When the Trim is a one piece type, check if the Trim has structure that allows the Trim to be folded when pushed from behind.



1枚(可動)タイプ



1枚タイプ

【Determination】

Good

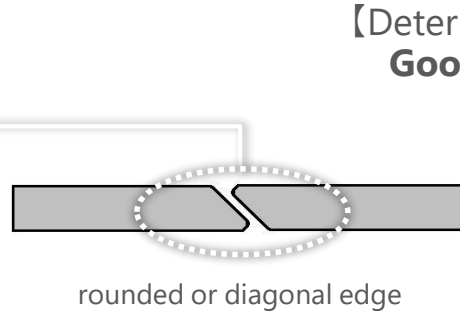
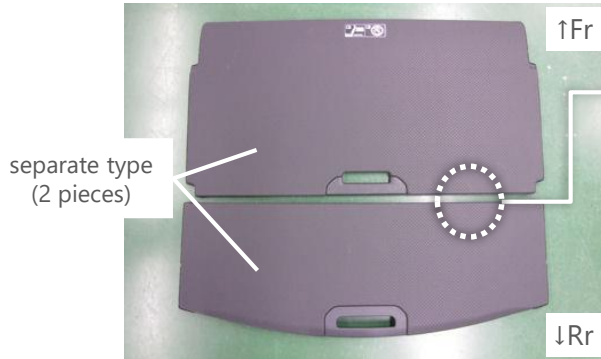
- ☞ When the Trim has structure that allows the Trim to be folded, it is determined as Good and **Accept**
- ☞ When the Trim is made of soft material like felt, it is also determined as **Accept**

Poor

- ☞ When the Trim does not have structure that allows the Trim to be folded, it is determined as Poor and **Reject**

Check – Step 1-2

When the Trim is a separate type, check if the shape of the border between each Trim that has rounded or diagonal edge to prevent the Trim from engaging each other.



【Determination】

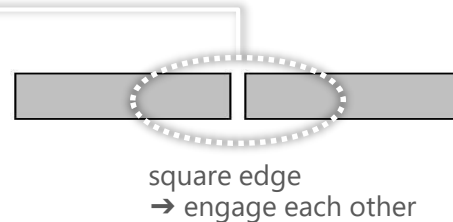
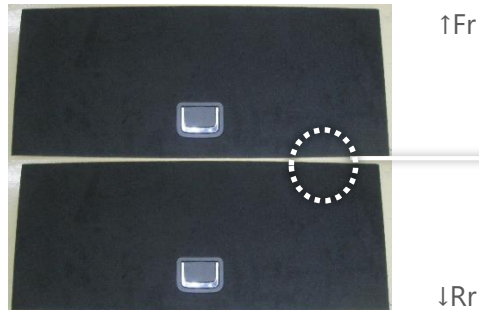
Good



The edges of the border between 2 pieces have rounded or diagonal shapes which are less likely to transmit force, it is determined as Good and **Accept**

Accept

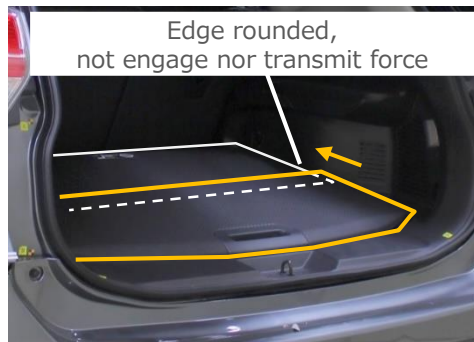
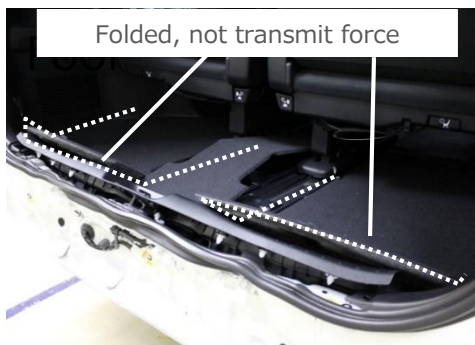
Poor



The edges of the border between 2 pieces have square shapes which are likely to transmit force, it is determined as Poor and **Reject**

Reject

Example of Accept / Reject



Accept

The Floor Board Trim and the Rear Seat were not damaged due to the Trim was folded (left photo), or did not engaged each other (right photo).



Reject

The Trim did not have folding structure. It was pushed and damaged by the Back Panel, and also transmitted force to and damaged the Rear Seat.