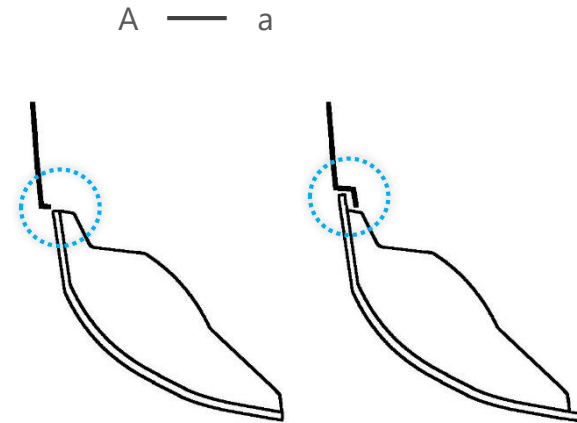
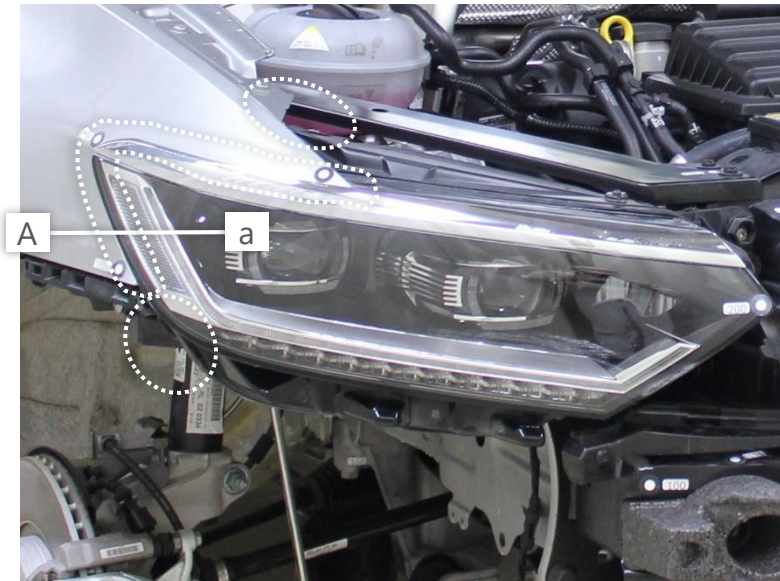


DET Supplemental Document

FB6-1 Headlamp

Condition

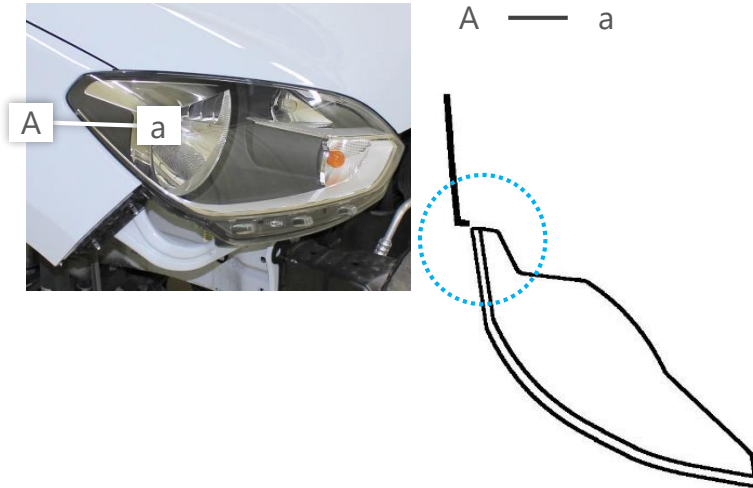
- Vehicle : All vehicles
- Part and Structure : Border between Headlamp and Fender, and fixing point of Headlamp



Criteria

The Headlamp and the Fender should be detached easily in a collision so that damage to the Fender does not occur.

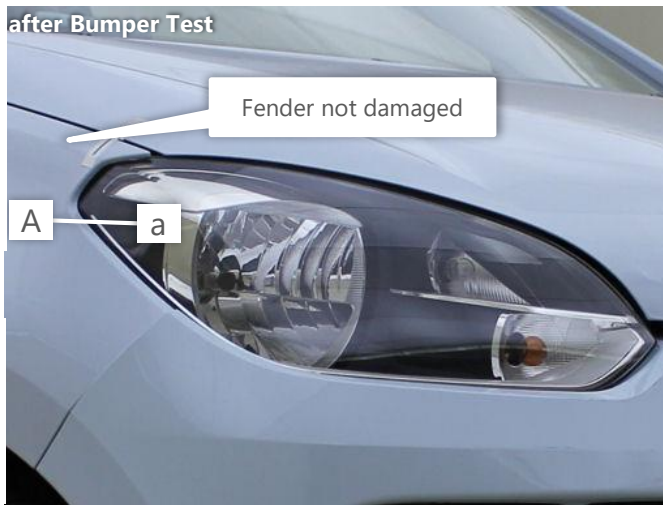
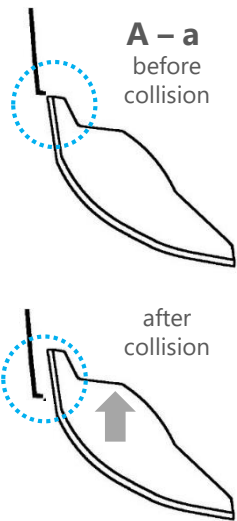
1. Check if Headlamp does not overlap Fender to avoid interfering between Headlamp and Fender in a collision.
2. Check if Headlamp is not directly fixed to Fender.



Reason

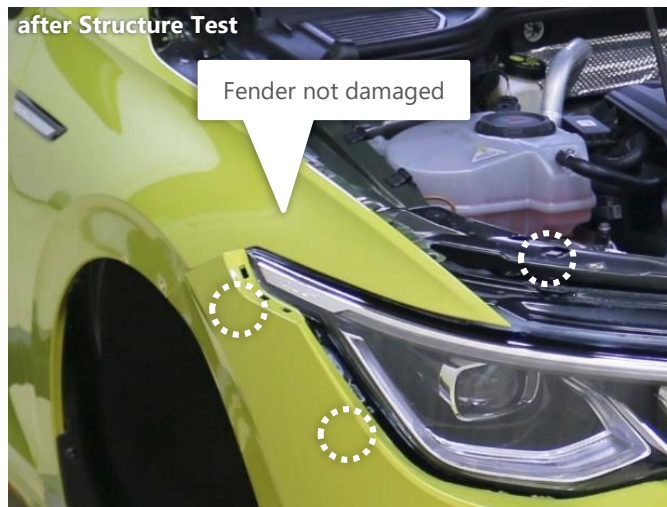
1. Example of layout where Headlamp does not overlap Fender

Headlamp did not overlap Fender.
Headlamp was pushed in on the Bumper Test,
but did not interfere with and damage Fender.

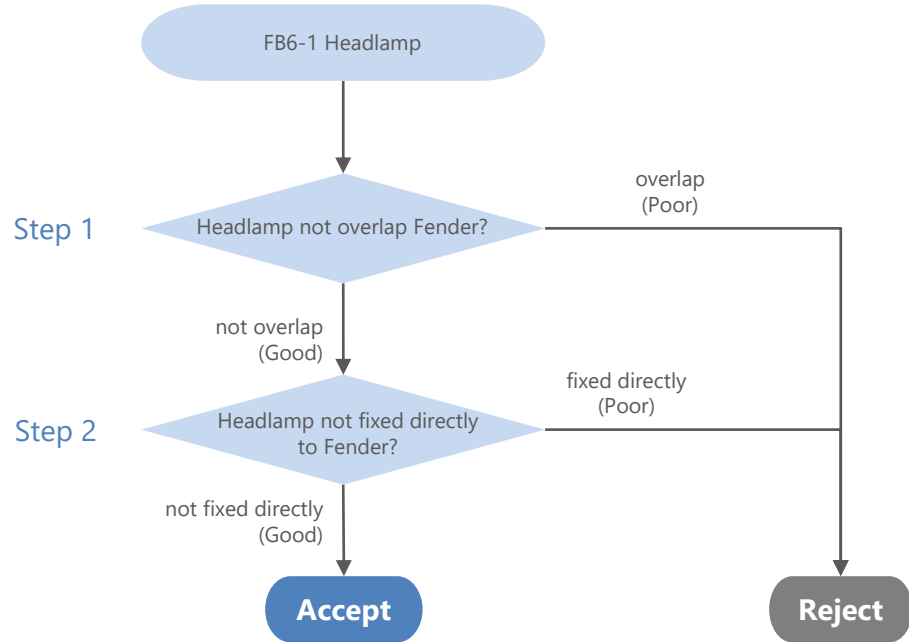


2. Example of structure where Headlamp does not directly fixed to Fender

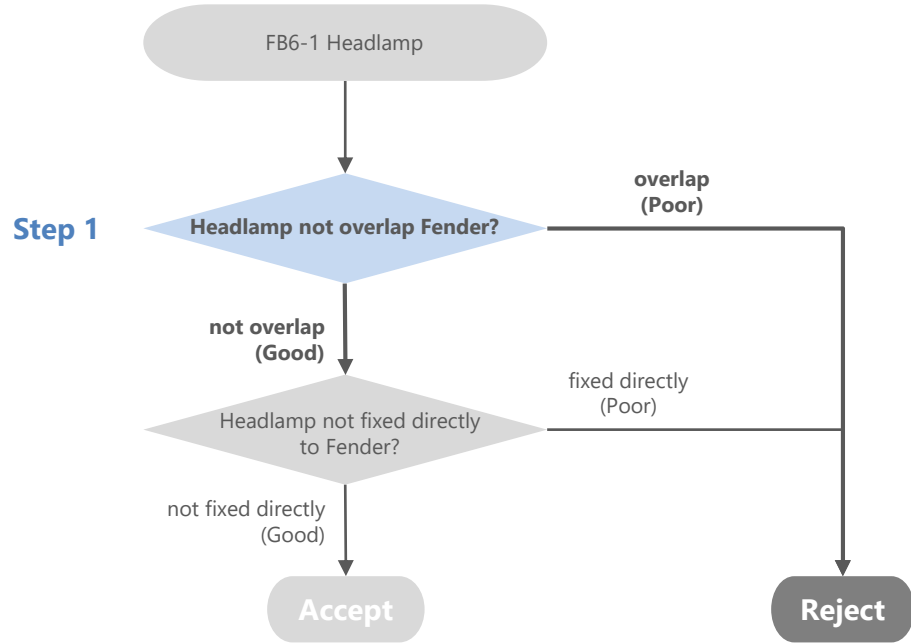
Headlamp had no direct fixed to Fender.
Headlamp was pushed in on Structure Test,
but damage to Fender did not occur.



Check Flow



Check Flow – Step 1

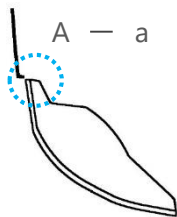


Check – Step 1

Check if the Headlamp does not overlap the Fender.

【Determination】

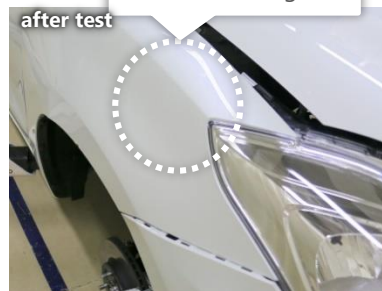
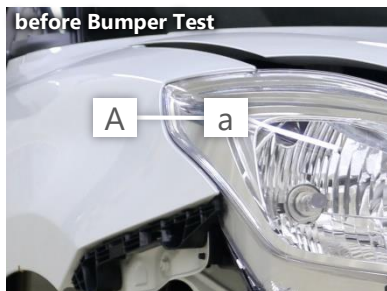
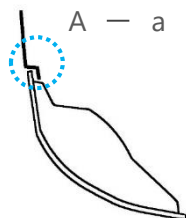
Good



Headlamp pushed in,
but Fender not damaged

☞ When the Headlamp does not overlap the Fender, the structure helps prevent the Headlamp from interfering with the Fender in a collision and determined Good.

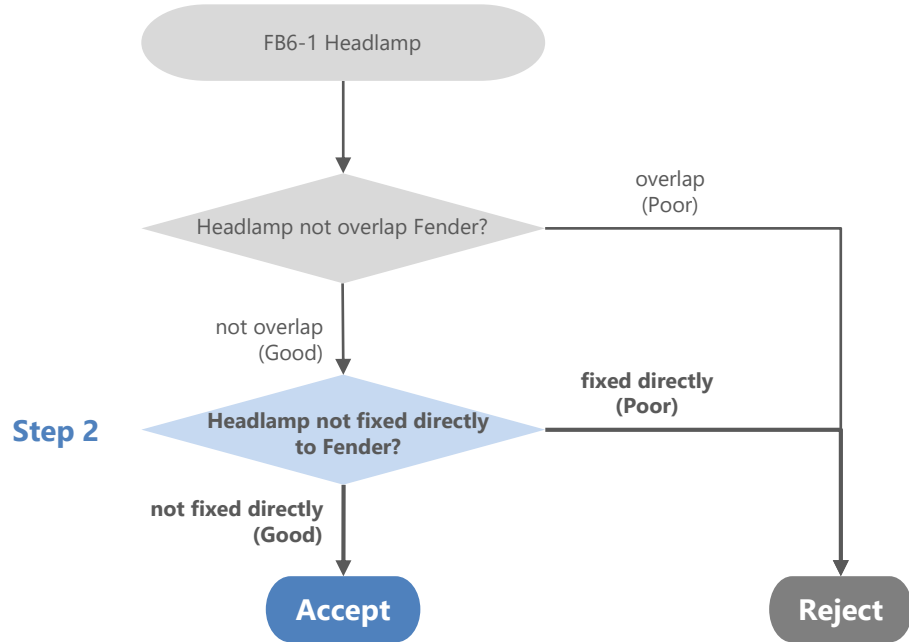
Poor



Fender damaged

☞ When the Headlamp overlaps the Fender, it is the structure where the Headlamp is likely to interfere with the Fender in a collision. This is determined Poor and **Reject**

Check Flow – Step 2



Check – Step 2

Check if the Headlamp does not directly fixed to Fender.

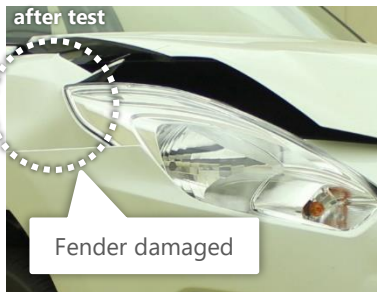
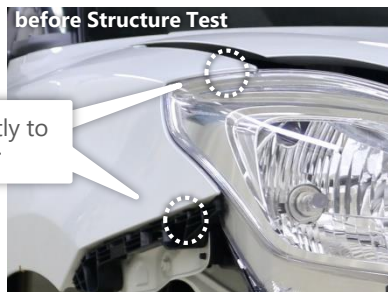
【Determination】

Good

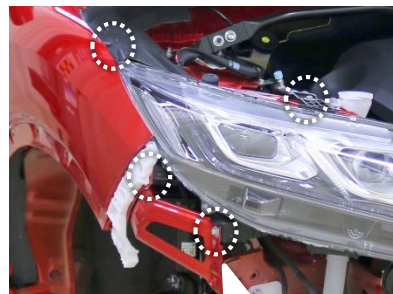


☞ When the Headlamp is not directly fixed to the Fender, it is determined as Good and **Accept**

Poor



☞ When the Headlamp is directly fixed to the Fender, it is determined as Poor and **Reject**



Fixing point

Fixed directly to Fender

Fender damaged