

DET Supplemental Document

**RS6-2 Rear Side Member**

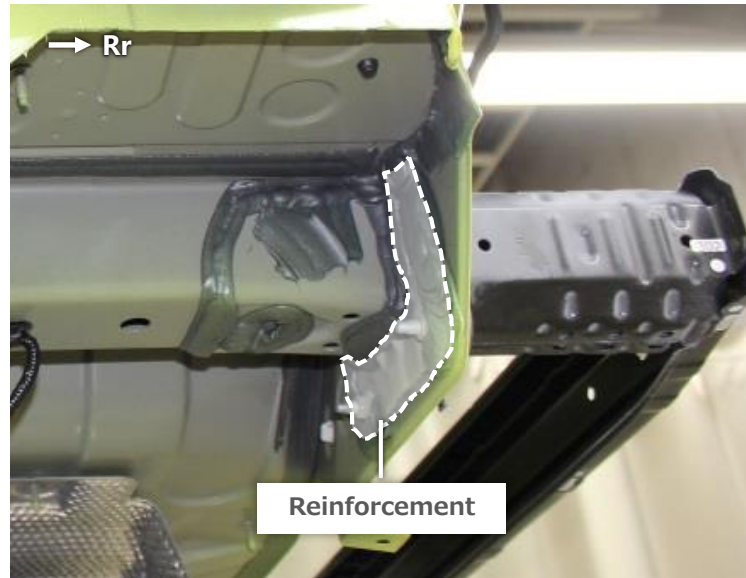
# Condition

- Vehicle : All vehicles
- Part and Structure : Rear end of Rear Side Member



# Criteria

The rear end of the Rear Side Member should be reinforced to prevent the Crush Box from falling over on the Bumper and Structure Test.

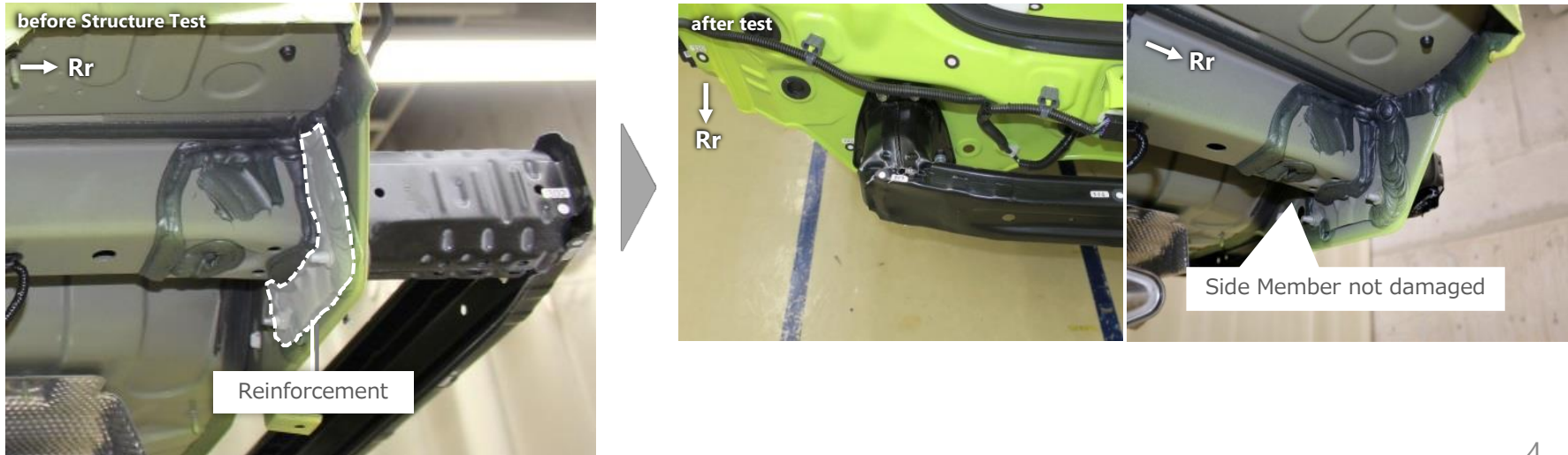


# Reason

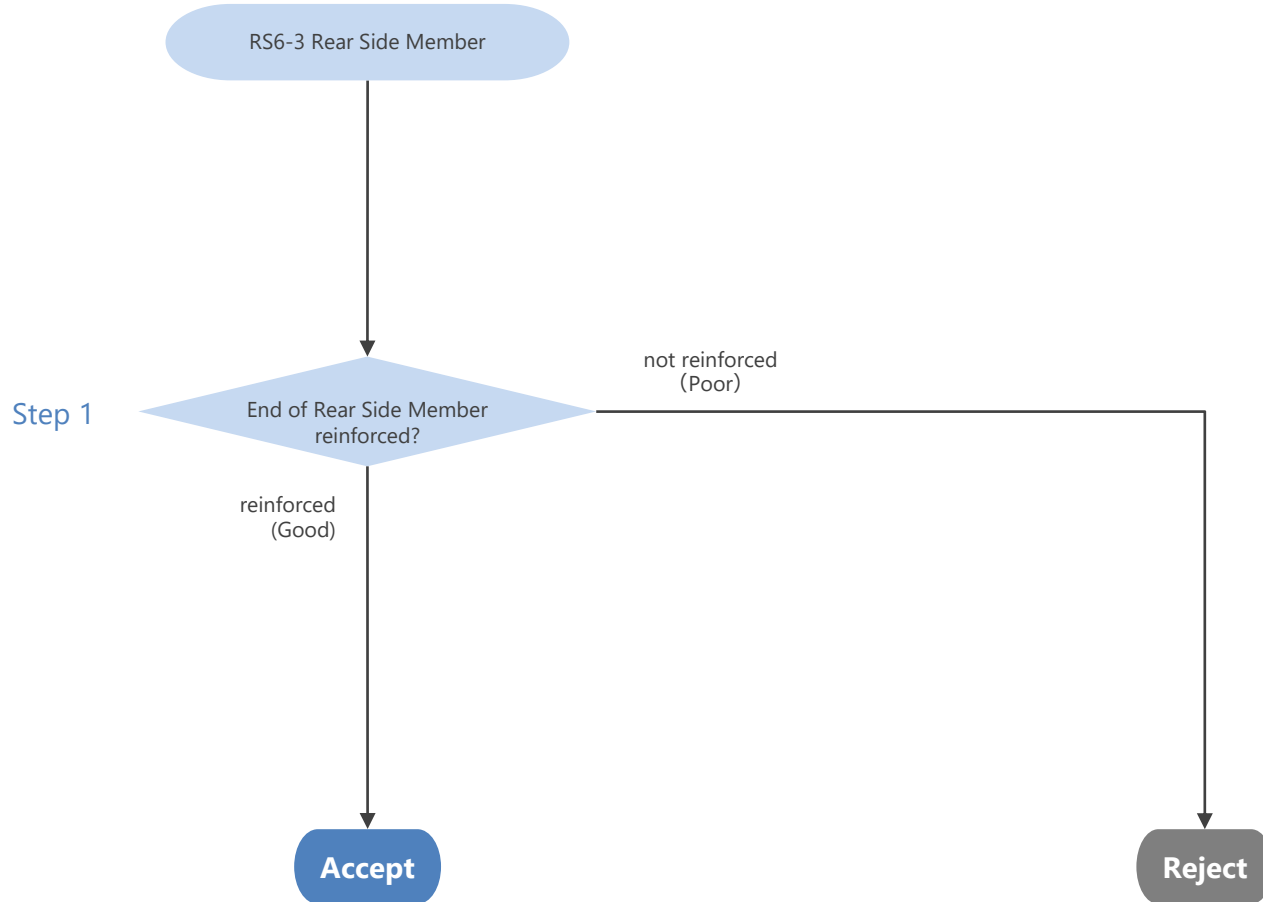
When the end of the Rear Side Member where the Rear Crush Box is attached, is reinforced, the Crush Box delivers its expected performance without falling over on the Structure Test and damage to the Side Member end is less likely to occur.

Good example of a reinforcement at the end of the Rear Side Member

The Crush Box crushed without falling over and the Rear Side Member not damaged.



# Check Flow



# Check – Step 1

Check if the end of the Rear Side Member is reinforced.

☞ Check reinforcements at the end of the Rear Side Member (behind the Back Panel where the Crush Box is attached).

【Determination】

**Good**



☞ When the end of the Side Member is reinforced, it is determined as Good and **Accept**

**Poor**



☞ When the end of the Side Member is not reinforced, it is determined as Good and **Reject**

# Example of Accept / Reject



Accept



Reject

