

DET Supplemental Document

## **FS5-2 Front Side Member**

# Condition

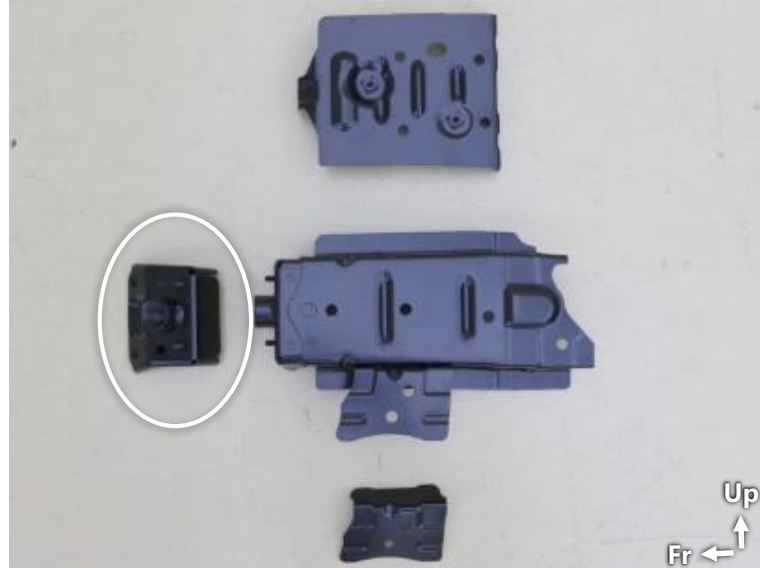
- Vehicle : Vehicles with flanges at the front end of Front Side Member, where the Crush Box or the Bumper Reinforcement is attached.
  - ☞ Vehicles whose Crush Box is inserted into the Front Side Member are not the subject of this evaluation.
- Part and Structure : Front Side Member (condition of parts supply)



# Criteria

The part at the front end of the Front Side Member, where the Bumper Reinforcement or the Crush Box is installed, should be supplied individually so that the part can be replaced separately.

Part-supply condition of parts at the front end of the Front Side Member



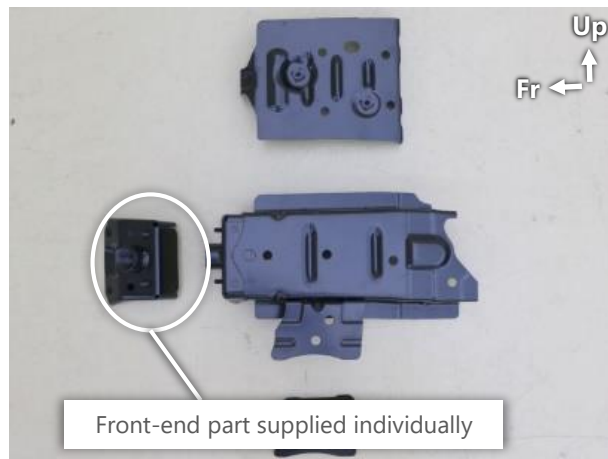
# Reason

When the part at the front end of the Front Side Member, which is often damaged on the Bumper Test or the Structure Test, is supplied individually, if the front end of the Side Member is damaged, it is possible to replace only the damaged part, which reduces the repair cost.

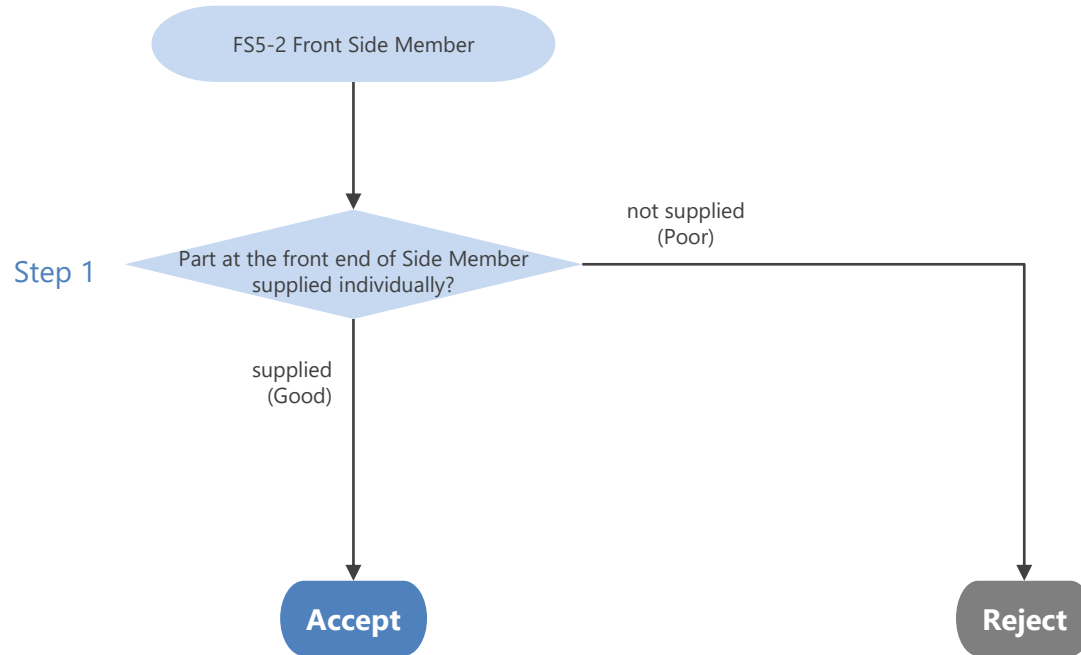
Good example of part-supply condition of parts at the front end of the Front Side Member

Only the front end of the Front Side Member was damaged.

Only the damaged part was effectively replaced with the individually supplied part.

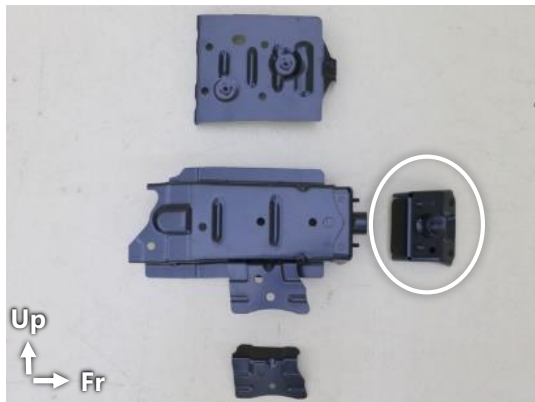


# Check Flow



# Check – Step 1

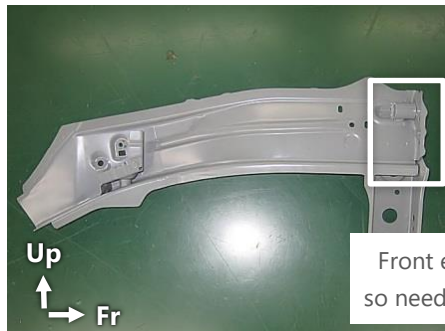
Check if the part at the front end of the Front Side Member is supplied individually.



## 【Determination】

### Good

- When the part at the front end of the Front Side Member is supplied individually, it is determined Good and **Accept**



Front end is not supplied individually,  
so need to remove it from assembly part

### Poor

- When the part at the front end of the Front Side Member is not supplied individually (i.e. the part is supplied only as a assembly or sub-assembly), it is determined Poor and **Reject**