

DET Supplemental Document

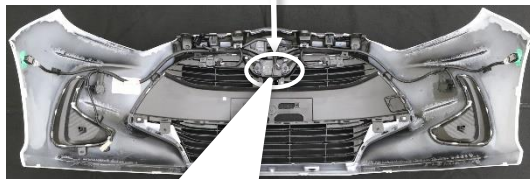
FB4-1 Radar Sensor

Condition

- Vehicle : Vehicles with Front Radar Sensor
- Part and Structure : Attachment position of Radar Sensor



Front Radar Sensor
(subject)

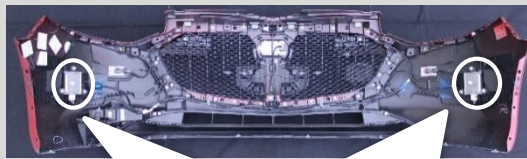


Front Radar Sensor
(subject)

☞ Exclusion of this evaluation

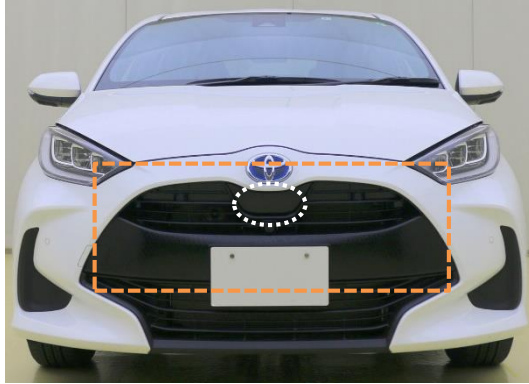
- Vehicles without Front Radar Sensor
- Front Side Radar Sensor

Exclusion of this evaluation



Front Side Radar Sensor
(not subject)

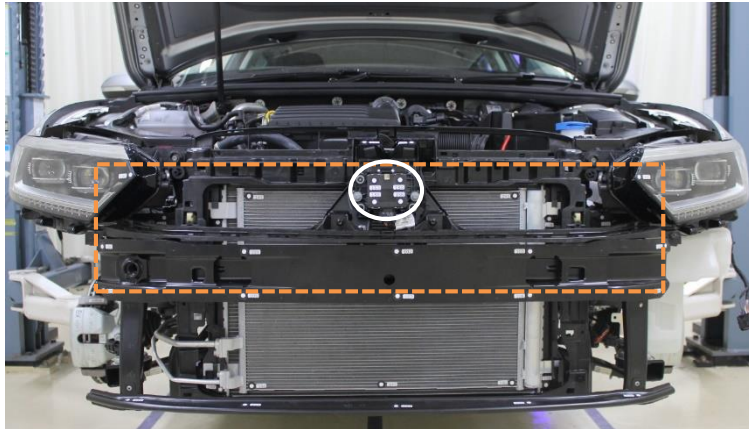
Criteria



The Radar Sensor should be installed at a position except in front of and above the Front Bumper Reinforcement where it can be easily damaged on the Bumper Test.

Check installed position of Radar Sensor

The Sensor is likely to be damaged by the Bumper Barrier when it is installed at the position surrounded by the orange broken lines (in front of and above Bumper Reinforcement).



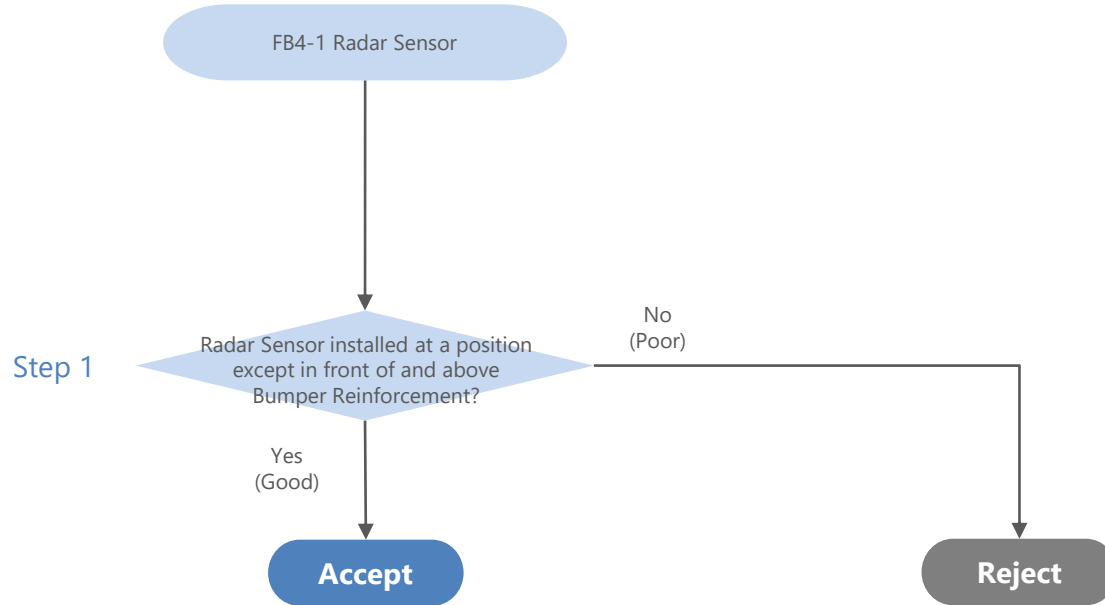
Reason

When the Radar Sensor is installed at a position except in front of and above Bumper Reinforcement, it is likely to be damaged by the Bumper Barrier on the Bumper Test.

Good example of installed position of Radar Sensor



Check Flow



Check – Step 1

Check if the Sensor is installed at a position except in front of and above Bumper Reinforcement.

【Determination】

Good

- ☞ When the Radar Sensor is installed at a position except in front of and above the Bumper Reinforcement, it is determined as Good and **Accept**
- ☞ Check the Radar Sensor which is installed behind the Front Bumper Cover in the same manner.



Poor

- ☞ When the Radar Sensor is installed in front of or above the Bumper Reinforcement, it is determined as Poor and **Reject**

