IWG-DPPS
Proposal for Condition of Activation of DPPS

9th IWG-DPPS
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JAPAN AUTOMOBILE STANDARDS INTERNATIONALIZATION CENTER
All DPPS systems need to detect a pedestrian impact within 75% of vehicle width.

If a DPPS system doesn’t meet the above requirement, all of headform test shall be conducted in un-deployed position.
Issue with BASt/BGS Proposal for Sensing Width

BASt/BGS proposal does not allow headform test with DPPS being activated for the system whose sensing width is narrower than 75% of vehicle width, even if OEM shows the sensing performance in the area relevant to headform test area where DPPS activation is needed.

Headform tests should be conducted with DPPS being activated in the headform test area where the detection performance is clarified.
DPPS can be activated in whole of headform test area on the bonnet in case the sensing width is wider than the width defined by the outer most of following three definition;

1) Outer most of bumper test area
2) Vehicle width at front wheel center minus 12.5% of the width
3) Vehicle width at front wheel center minus 250mm

In case the sensing width is narrower than aforementioned width, DPPS can only be activated within the sensing width.