I-24695

OC Subsection: [F-3688] New OC Subsection: 06 Driving / Braking Systems

Description:

Title: Engaging Auto Vehicle Hold (AVH)

Goal：

1. To keep the car stationary without any active braking input.

Scope:

1. SWP
2. Braking Pedal iterations
3. Braking System

Context:

1. Drivers fully stop the EV, release the breaking pedal and the EV should hold on surface if the AVH feature is on

Actors:

1. Driver

Trigger:

1. The brake pedal is pressed and the vehicle has been fully stopped.

Preconditions:

1. The car is powered on.
2. The driver activates AVH in the vehicle settings through the SWP `in_2. SWP Android`.
3. The driver's seat belt is buckled.
4. The front left door is closed.
5. The gear is in D `out_9.PRND buttons (including EPB function)`.

Main Scenario:

1. With the speed at ZERO and the brake pedal PRESSED `in_23.Brake Pedal`, AVH is automatically engaged.
2. AVH icon displays on `out_2.SWP Android`, `out_3 HUD`.

Postconditions:

1. AVH is engaged, keeping the car stationary without continuous pressure on the brake pedal.
2. The AVH icon has been displayed on `out_2.SWP Android`.
3. When adjusting the AVH switch, there is a notification displayed on `out_2.SWP Android`.

Priority: Normal

Type: Use Case CF

Document

Caption: operational_concept.Profile - 383201 Profiles settings

Overall estimation:

Requirement type: Profile

Type: Profile