I-6418

**OC Subsection:** [[F-3688]](#3688) New OC Subsection: 06 Driving / Braking Systems

**Description:**

Use Case: Brake System Operation

Preconditions:

1. The vehicle is powered on.
2. The vehicle is driving on the road.

Main Scenario:

1. The driver maintains steady pressure on the in\_23 to reduce the speed of the vehicle (the rear LED panel out\_18 will be on).
2. The pressure more heavier, and the vehicle speed is reduced faster.

Postconditions:

1. The driver reduces the speed of the vehicle. He can continue braking until fully stop.
2. The driver will get feedback from out\_23 when press in\_23.

Alternative Scenarios:

A. When a brake system fault is detected, the Red brake indicator is displayed**:**

1. Brake fluid level is low(out\_2, out\_5, out\_17, out\_25)
2. Brake booster fault is detected(out\_2, out\_5, out\_17)
3. EBD fault (out\_2, out\_5, out\_17, out\_25)

**Priority:** Normal

**Type**: Use Case CF

#### Document

**Caption:** operational\_concept.Profile - 383201 Profiles settings

**Overall estimation:**

**Requirement type:** Profile

**Type**: Profile