# Brk\_04 – Main Brake Plausibility Check (DIO)

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| ***Name of the measuring template:***       ***Version-Nr.*** 001 ***from***       ECU-MST | | |
| ***Execution:***   1. Clear error memory through **DSMAUX\_xClearTrg\_C (0 🡪 255 🡪 0)** 2. Set vehicle to initial state 3. Start recording 4. Press brake then trigger error by data changes 5. Release brake | | ***Initial state:***  0th gear,  Idle Engine speed |
| ***Data changes:***  ***Make Hi to Lo debounce time MAX:***  Brk\_tiMaiSwtDebHiLo\_C=MAX (could be different for projects) | | ***Hardware changes:*** |
| ***Fault detection:***   * **{1}** Brk\_stMn=1, Brk\_stRed = 0 * **{2}** DFC\_BrkPlausChk will indicate error after debounce time DDRC\_DurDeb.Brk\_tiPlausChkDebDef\_C * **{3}** Brk\_st will be 1. * Error reactions can be seen (Lamp indication to driver) – Need to check by tester manually | | |
| ***Result:***  **{4}** DFC\_BrkPlausChk is set  **{5}** DFC\_BrkNpl\* will not be set | | ***Criterion:***  Detection of error via diagnosis within same driving cycle (latest after 2-3 driving cycles);  Indication to driver via lamp |
| ***Comments:*** | |
| ***Error time:*** | **{6}** | ***Evaluation:*** Pass **{7}** Fail **{8}** |
| ***Name of the measuring file:*** 2Brk\_04 – Main Brake Plausibility Check (DIO) | | |
| ***Note :*** | | |