

Recipients :	Stoneridge Network
Release date :	June 13 th , 2024
Update Purpose :	SW reference
Object :	New event !OF, GNSS Anomaly

The new Smart 2 tachograph comes with some specificities which must be highlighted to workshop technicians and controllers.

!OF Event, GNSS Anomaly

The tachograph is monitoring GNSS signal authenticity to detect tampering. This is based on Annex 1C requirement (88a) '*GNSS anomaly*' event. If such an event occurs, the tachograph will:

1. Register an event !OF in the Fault & Events section
2. Log a DTC x2E80
3. Display "GNSS Anomaly" on VU display

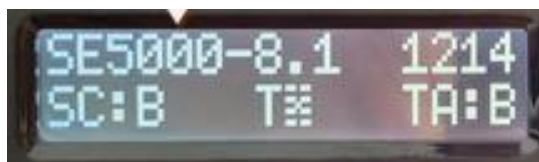
The occurrences reported so far are linked to the SE5000 Smart 2 SWID 1214 software algorithm being too sensitive. No alleged tampering attempt have been identified so far.

The software was revised to avoid the logging of false positives. A new SWID 1619 is now available for updating impacted units at their next bi-yearly inspection, using procedure SIL24_006.

When faced with such !OF events, please consider this:

1. Event !OF and DTC x2E80 can be ignored for SWID 1214 if active for less than 10 minutes
2. Warranty claim for Event !OF will not be accepted since it aims to detect tampering events
3. Driving next to airport or in some specific location may trigger legitimate !OF event

SWID 1214 in VU INFO Menu:



Example of !OF event in Fault&Event printout:

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! (01) 12/10/2023 23:28  
!OF ( 1) 00h02  
SLO/ 0 0 0 0 2 2 0 0  
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