

Recipients :	Stoneridge Network
Release date :	June 13 th , 2024
Update Purpose :	SW Reference
Object :	New event !1C, monitoring Sensor versus Activity inconsistency

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

!1C Event, DTC x0140

The tachograph is monitoring inconsistency between stored driver activity and pulses from the motion sensor to detect tampering. This is based on Annex 1C paragraph 2.70. *EventFaultType*. If such an event occurs, the tachograph will:

1. Register an event !1C in the Fault & Events section
2. Log a DTC x0140
3. Display “Hardware sabotage” on VU display

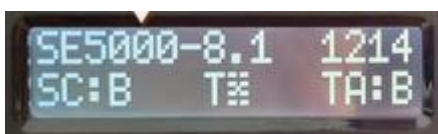
The occurrences reported so far are linked to the SE5000 Smart 2 SWID 1214 software algorithm being too sensitive. No alleged tampering attempt have been identified so far.

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 !1C events, please consider this:

1. Event !1C and DTC x0140 can be ignored for SWID 1214 if active for less than 30 minutes
2. Event over 30 minutes should be checked via:
 - a. On the date of the event, print a 24h card printout
 - b. Divide daily travelled distance by daily driving time
 - c. If the result is less than 80 km/h, the event can be ignored
3. Warranty claim for Event !1C will not be accepted since it aims to detect tampering events

SWID 1214 in VU INFO Menu:



Example of !1C event in Fault&Event printout:

