



STAR ONLINE PUBLICATION



Case Number: S2108000280

Release Date: November 2021

Symptom/Vehicle Issue: FCW Light Is On. DTC Revealed Misaligned DASM. Alignment Pins Not Properly Seated

Discussion: Customers will experience the FCW message appearing on vehicle cluster. Scan tool will reveal DTC C1417-78 (horizontal misalignment) or C1418-78 (vertical misalignment). Service library directs the dealership to perform the ACC calibration procedure. If faults after calibration are still present or the vehicle comes back with the same concern, inspect the front radar mounting pins to ensure pins are fully seated, especially the bottom right pin that is adjusted for vertical alignment (See figure 1). Pins must be properly seated for calibration to store after calibration procedure.

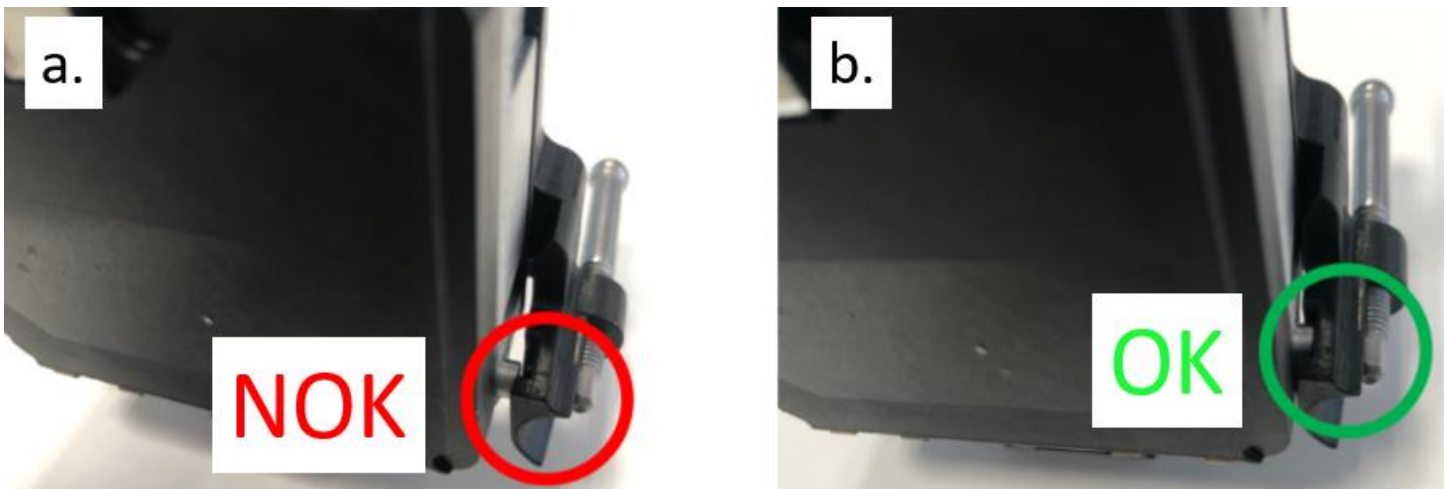


Figure 1.

a) Not OK - unseated vertical alignment pin b) OK - seated vertical alignment pin.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



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If pins are seated correctly and calibration is still unsuccessful after multiple attempts, remove radar from the vehicle, and inspect threads on the alignment pins. If pins have reached the ends of threads, reset to mid thread position (see figures 2 and 3). Once the threads are reset, re-install the radar and perform calibration.

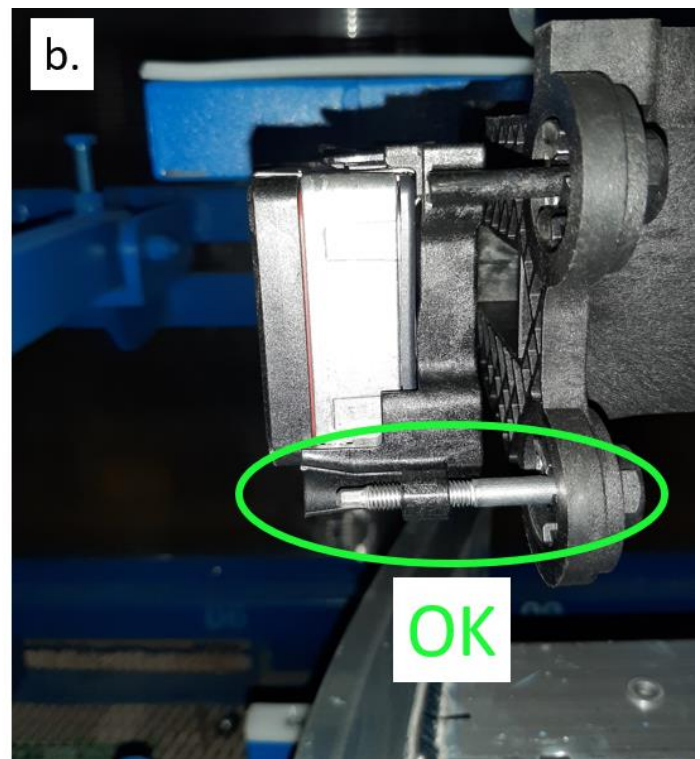
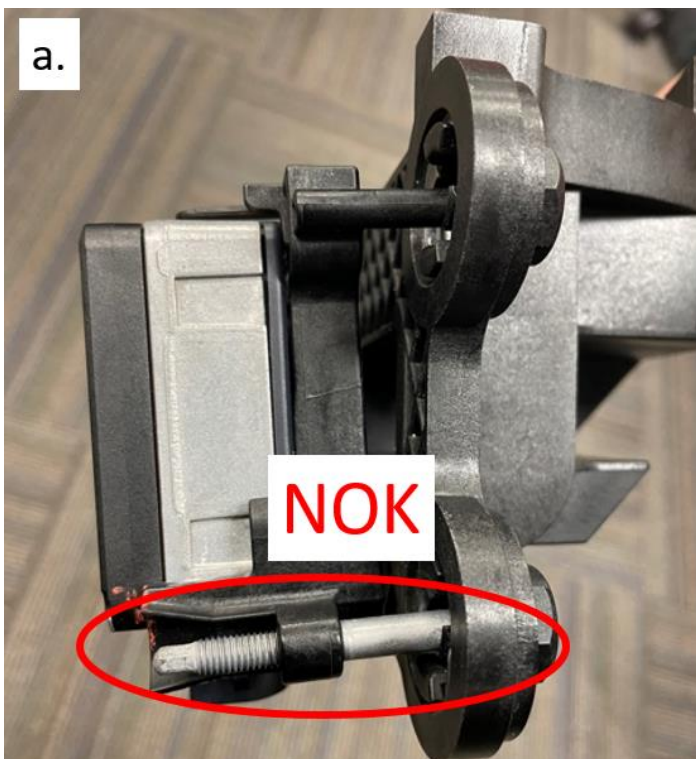


Figure 2

a) Not OK - vertical alignment pin has reached end of threads.

b) OK - threads reset to middle position on vertical alignment pin before recalibration.

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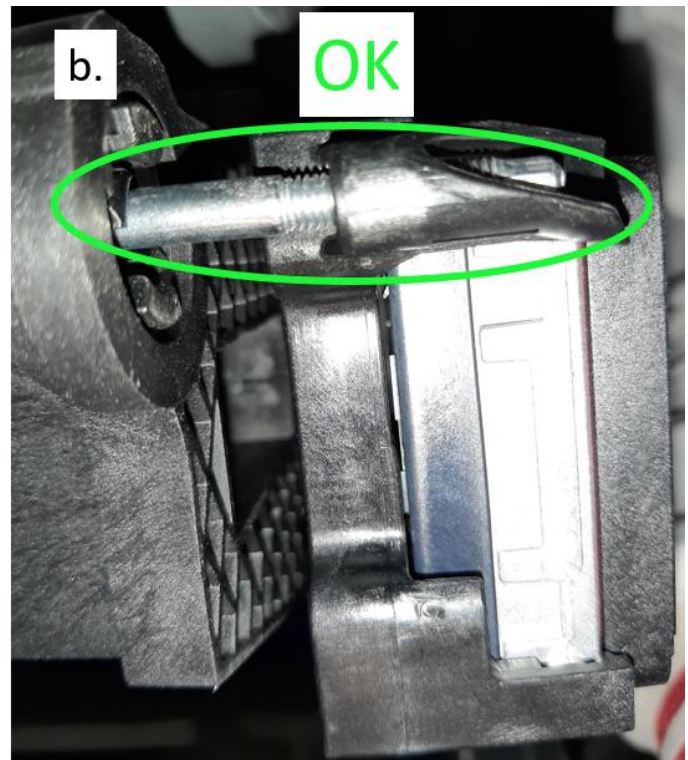
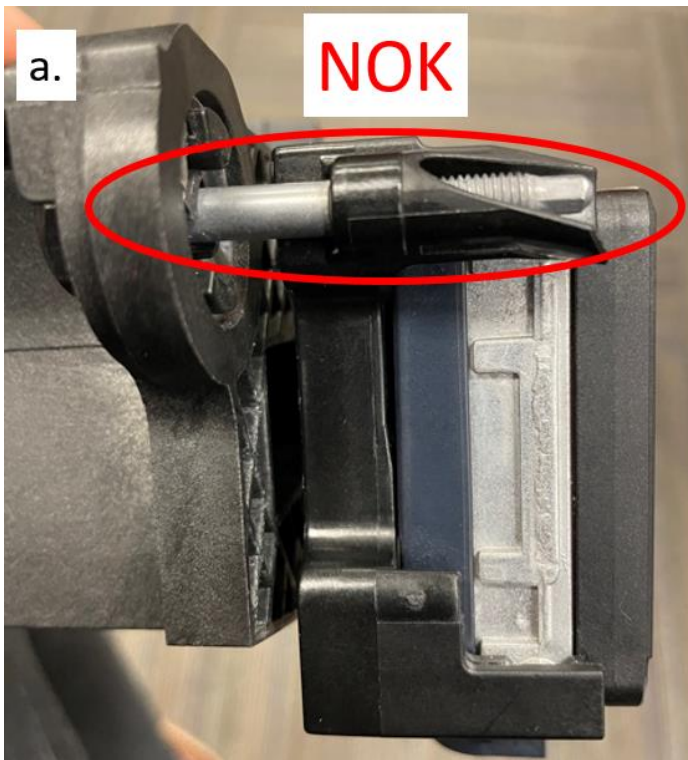


Figure 3:

a) Not OK - horizontal alignment pin has reached end of threads.

b) OK - threads reset to middle position on horizontal alignment pin before recalibration.

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