

## STAR ONLINE PUBLICATION

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**Case Number:** S2008000088

**Release Date:** 06/17/2020

**Symptom/Vehicle Issue:** Replacement BCM Will Not Proxi Align

**Technician observation:** Vehicle came into the dealer with a condition that required a BCM replacement. The new BCM was installed and the new BCM will not Proxi and may set a B10AA-4A Check Configuration Failed - Incorrect component installed.

**Discussion:** Validate that the part number is correct for the involved vehicle. If the BCM has been identified as the correct BCM proceed with the following.

Perform a current day configuration and scan report (See Fig. 1) this data is usually at the bottom of the BCM configuration report.

Note the following:

- Valid Keys table RF 1-4 shows Programmed
- Valid Keys IMMOBILIZER shows Programmed
- PROXI shows No PROXI

Keys should work to turn on vehicle and lock and unlock the doors.

This issue usually is setting an active B10AA-4A Check Configuration Failed - Incorrect component installed.

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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Microphone Tuning		
RADIO PROXI		
TCM PROXI		
DRL		
Gear Box		
TPM Configuration		
TTM PROXI		
T-Case High Ratio		
Flash Hazard Lamps On Lock		
Over-speed Warning		
Valid Keys table RF 5-8		Not Programmed
Valid Keys table RF 1-4		Programmed
Valid Keys IMMOBILIZER		Programmed
Immo Secret Codes - Security Data Access Lock		Unlocked
Proxi		No PROXI
VTA		absent
RKE		Present

Fig 1

**Repair Procedure:** Install the original BCM and connect WITECH 2.

**Note:** You may need to run the hazard flashers to keep the BCM awake. If the BCM goes to sleep during this process the PROXI will not write.

After the vehicle has been identified, locate and select "**GUIDED DIAGNOSTICS**" in the left column. Next from the open menu choose "**MODIFY BCM PROXI**" and follow the prompts. This will copy the original **PROXI** string and replace the one saved in the FCA database. Once this procedure is complete, disconnect WITECH 2 and turn ignition off and install the replacement BCM. Turn the ignition on and connect WITECH 2. Go to "**BCM/MISC FUNCTIONS**" and choose "**BCM REPLACED**". Follow the prompts to run the full procedure and this should take the new PROXI string we just uploaded to the FCA database and write it to the replacement BCM. Upon completion, cycle the key and verify the procedure was successful.

**Note:** The vehicle should now start and run with no active DTCs. If the RKE fails to work a **BCM reset via WITECH2** or a quick battery reset should resolve the RKE issue.

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