

STAR ONLINE PUBLICATION

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Symptom/Vehicle Issue: No Start, No Crank After PCM And RFHUB Replaced, DTC P0513 Invalid Skim Key Sets In The PCM

Technician Observation: Vehicle may have been in for service for a different repair. Technician has replaced the PCM and RFHUB, then performed the appropriate replacement steps with the scan tool. PCM is now setting the P0513 Invalid Skim Key DTC.

Discussion: Technician has followed all steps in the diagnostic test procedure for P0513 and the Fobiks do lock and unlock the vehicle; but they will not start the vehicle. Confirmed that reinstalling the original RFHUB and reprogramming the keys has been successful to eliminate the P0513 DTC with no added parts required.

PCM scan tool DATA EXAMPLES:

NAME	VALUE	UNIT	TYPE
SKCM/VTA First Handshake is Done	False		Sensors
SKCM/VTA Key Code Message Received	False		Sensors
SKCM/VTA Has Completed	False		Sensors
SKCM/VTA Making Decision Complete	False		Sensors
GPEC is in OK to Run Mode	False		Sensors
GPEC Should Shut Off Fuel	True		Sensors
Valid Key Received by NGC/GPEC	False		Sensors

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