BMW SI B66 03 19   February 2019
      Drivers Assistance, Remote Control Systems   Technical Service

CHECK CONTROL MESSAGE BMW DIGITAL KEY

MODEL

G05 (X5 Sports Activity Vehicle)	G07 (X7 SAV)	G14 (8 Series Convertible)	G15 (8 Series Coupe)
G20 (3 Series Sedan)	G29 (Z4 Roadster)		

SITUATION

After exchanging the Body Domain Controller (BDC), the digital keys are no longer correctly displayed in the vehicle's Central Information Display.

When using the vehicle, a Check Control Message "Digital Key will expire soon" appears. However, the digital keys still function.

Background:

The digital key can be utilized to unlock and start the vehicle instead of the traditional remote control key, and be in the form of:

- Factory-provided near-field communication (NFC) key card
- Samsung® smartphone

Note: This situation only affects vehicles with an Integration level (I-level) lower than S18A-19-07-5xx.

CAUSE

Cause 1:

The BMW center did not delete all keys and order a card before replacing the BDC.

- Permanent CCM 'Digital Key will expire soon'
- Key list is not fully displayed

Cause 2:

The customer deletes the digital key after a new BDC was switched off, but the old BDC was still installed
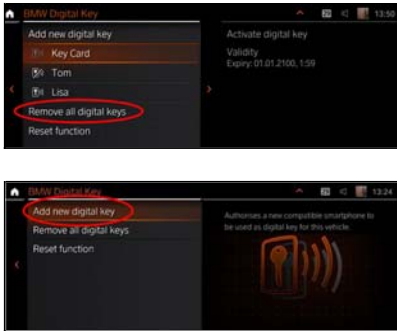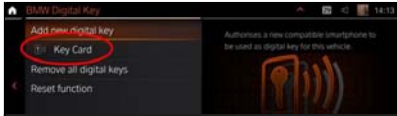
- Customer no longer has a key in the smartphone app
- Newly installed BDC still displays keys which do not work

Cause 3:

With the new BDC, the CCM 'Digital Key will expire soon' is displayed when the NFC card is used.

PROCEDURE

Read out the I-level of the vehicle to confirm it is lower than S18A-19-07-5xx.

	For C**ause 1**: • Delete all keys in the Control Display, per the path- CAR->Settings->Door/Access->BMW Digital Key-> Remove all digital keys (circled). 👉 Note: The vehicle **remote control key** must be inside the vehicle to delete all digital keys • Order a **new** NFC card. Add it to the vehicle per Cause 3.
	For **Cause 2:** Delete all keys (circled) in the Control Display using the path from Cause 1. • Customer can issue a new digital key via the app • Place the **original** NFC card on the NFC holder in the center console, if a new BDC is installed
	For **Cause 3:** Order a new NFC card. ⚠️ Attention: the new card must be placed on the NFC holder for activation **after** the installation of the new BDC.

PARTS INFORMATION

Obtain the part numbers for your specific vehicle by entering the chassis number in ETK which takes into account specific equipment and/or options.

Part Number	Description	Quantity
Per ETK	NFC Card, determined per Cause 3	1

WARRANTY INFORMATION

This service information bulletin provides technical, diagnostic and/or repair-related information.

Eligible and Covered Work/Repairs

When used to repair a verified defect in materials or workmanship, the diagnosis/repair procedure information provided in this bulletin is covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Refer to AIR/KSD2 for the corresponding defect code, flat rate labor operations (including diagnosis) and flat rate unit (FRU) allowances.

Work time (WT) labor operation codes require individual punch times and explanations on the repair order and in the claim comments section.