



AFTER EXCHANGING THE FRONT ELECTRONIC MODULE (FEM), PROGRAMMING / ENCODING IS NOT POSSIBLE

MODEL

F22 (2 Series Coupe)	F23 (2 Series Convertible)	F30 (3 Series Sedan)	F31 (3 Series Sports Wagon)
F32 (4 Series Coupe)	F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)
F80 (M3 Sedan)	F82 (M4 Coupe)	F83 (M4 Convertible)	F87 (M2 Coupe)

SITUATION

After replacing the Front Electronic Module (FEM) for an applicable repair, programming / encoding is not possible. The ISTA short test is not able to identify the chassis number, so that "yyyyyyyyy" is displayed.

This is not based on a customer complaint.

CAUSE

Software error in the Front Electronic Module (FEM).

CORRECTION

Vehicle must be programmed with an online (IRAP session).

PROCEDURE

For such an occurrence, contact BMW of North America's Technical Service Department by submitting a PuMA case and requesting an IRAP session for remote, online programming.



Note: Do not replace the FEM due to the immediate inability to program it.

WARRANTY INFORMATION

Claimable, as noted below, in conjunction with a repair that is cover under the terms of an applicable BMW limited warranty.

Defect Code:	Refer to KSD2/AIR	Claim with the defect code that applies to the previous work that necessitated this additional work procedure to be performed
Labor Operation:	Labor Allowance:	Description:
61 00 731	Refer to KSD2/AIR	Additional work after first termination while programming and encoding control units