



SUBJECT

False Alarms of the Anti-Theft Alarm System

MODEL

F15 (X5)

F16 (X6)

F48 (X1)

F85 (X5 M)

F86 (X6 M)

G12 (7 Series Sedan)

I01 (i3)

I12 (i8)

SITUATION

The alarm (DWA) siren continues to activate after locking vehicle

CAUSE

An “unapproved” device is connected to the On-Board Diagnostics (OBD) port of the vehicle.

This keeps the Ethernet communication line active which triggers the alarm when the vehicle tries to enter sleep mode.

CORRECTION

Remove the “unapproved” device from OBD port.

PROCEDURE

1. Reproduce customer complaint.
2. Check for any devices plugged into or piggybacked into the OBD connector, such as:
 - o Vehicle GPS tracking devices
 - o Insurance discount tracker
 - o Telephone App dongles for monitoring OBD outputs on a smartphone
 - o Radar detector power supply

Was a device found in the OBD port?

YES- Go to Step 3.

NO - Run the test plan for the alarm counter.

NOTE- If the root cause of the problem was a connected OBD device then you should see “Alarm activation due to interrupted Ethernet communication.”

3. Remove device from OBD port.
4. 4. Test DWA alarm function.

Does it operate correctly?

YES- Release the vehicle.

NO – Continue with standard diagnostic procedure. Follow test plan for any stored faults.

Please submit a Puma case if you require further troubleshooting support.

WARRANTY INFORMATION

Not applicable.

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