



SUBJECT

The Low Washer Fluid Warning Light is illuminated when the Washer Fluid Tank is Full

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)

F15 (X5)

F16 (X6)

SITUATION

The low washer fluid warning light is illuminated even though the washer fluid tank is full. There are no faults stored in the system for the washer fluid level switch.

CAUSE

The washer fluid level sensor is a contactless capacitive sensor. When a non-approved washer fluid is used, the sensor sends a low fluid level signal to the gateway module (FEM – Front Electronics Module or BDC – Body Domain Controller) which in turn displays a low washer fluid warning in the instrument cluster.

INFORMATION

The use of a “non-approved” washer fluid can cause the low fluid warning light to come on even when the reservoir is full.

An analysis of parts returned to warranty has shown the sensor is operating correctly. Do not replace the reservoir with integrated sensor for these situations.

We recommend using “BMW Group approved” washer fluid when servicing the vehicle or performing repairs on the windshield washer system.

Refer to ISTA document “FB-GZ-B17A-F20 Washer fluid level sensor” for information on how this capacitive sensor operates.

If the correct washer fluid is being used, diagnose the system using normal troubleshooting with ISTA. A fault code may be stored if an electrical fault occurs in the circuit.

PARTS INFORMATION

Part Number	Description	Quantity
83 19 2 406 220	BMW WWS Cold Weather Concentrate 35% 55 Gal	As needed
83 19 2 361 205	BMW Windshield Washer Concentrate 1 Gal	As needed

Note: As applicable, do not exceed your state’s maximum for the allowable amount/percentage of “Washer Concentrate” that can be used when mixing the windshield washer fluid solution.

WARRANTY INFORMATION

The issue described in this bulletin is not a vehicle-related defect in materials or workmanship.

If a vehicle repair is required as a result of this issue, it is are not claimable under a BMW limited warranty.

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