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This Service Information bulletin supersedes SI B61 23 15 **dated December 2015**.

**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)

**NEW 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.

**NEW CAUSE**

A non-approved washer fluid is used (fluids that contain a silicone additive, normally colored other than blue).

**NEW INFORMATION**

The washer fluid level sensor is a contactless capacitive sensor. 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. The use of a “non-approved” washer fluid (silicone-based fluid) can cause the low fluid warning light to come on even when the reservoir is full. Refer to ISTA document “FB-GZ-B17A-F20 Washer fluid level sensor” for information on how this capacitive sensor operates.

**NEW PROCEDURE**

1. Using ISTA, check for faults stored for the windshield washer system.

**Is a fault stored for the windshield washer level sensor?**

NO- Go to step 2.

YES- diagnose the system using normal troubleshooting with ISTA.

2. Check the windshield washer reservoir.

**Is the reservoir showing residue from colored fluids?**

NO- diagnose the system using normal troubleshooting with ISTA. A fault code may be stored if an electrical fault occurs in the circuit.

YES- flush the reservoir and refill with a recommended fluid.

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

**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.

**NEW WARRANTY INFORMATION**

Not applicable.

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