



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

This Service Information bulletin supersedes SI B61 23 15 dated April 2016.

### What's New:

- New Models added
- Cause updated
- Procedure updated
- Parts updated

### MODEL

F15 (X5 Sports Activity Vehicle)	F16 (X6 Sports Activity Coupe)	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 (4 Series Grand Turismo)	F36 (4 Series Grand Coupe)	F39 (X2 SAC)	F48 (X1 SAV)
F80 (M3)	F82 (M4 Coupe)	F83 (M4 Convertible)	F85 (X5 M SAV)
F86 (X6 M SAC)	F87 (M2)	F90 (M5 Sedan)	F97 (X3 M SAV)
F98 (X4 M SAC)	G01 (X3 SAV)	G02 (X4 SAC)	G05 (X5 SAV)
G07 (X7 SAV)	G12 (7 Series Sedan)	G14 (8 Series Convertible)	G15 (8 Series Coupe)
G20 (3 Series Sedan)	G29 (Z4 Roadster)	G30 (5 Series Sedan)	G32 (6 Series Grand Turismo)
I01 (i3)	I12 (i8)	I15 (i8 Roadster)	

### SITUATION

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



### CAUSE

A non-approved washer fluid was used that is silicone-based. Silicone-based fluids are not compatible with the contactless capacitive level sensor. Fluids that contain a silicone additive are normally colored other than blue.



### CORRECTION

Flush the washer fluid reservoir to remove the silicone-based fluid

**UPDATE!** **PROCEDURE**

- 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.

- 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 using 250 ml of silicone remover concentrate mixed with approx. 1.5 L of tap water.
- Leave the solution to work for 24 hours, then drain the solution.
- Fill the reservoir with BMW windshield washer fluid.

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

**UPDATE!** **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
83 12 2 298 199	Silicone remover	1

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.

**UPDATE!** **WARRANTY INFORMATION**

Not applicable.

[ Copyright ©2019 BMW of North America, Inc. ]