



## SIB 61 23 15

2019-11-20

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

This Service Information Bulletin (Revision 2) replaces SI B61 23 15 **dated April 2019**.

**What's New** (Specific text highlighted):

- New models added

## 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 Gran Turismo)      | F36 (4 Series Gran Coupe)      | F39 (X2 SAC)               | F48 (X1 SAV)                |
| F44 (2 Series Gran Coupe)        | F82 (M4 Coupe)                 | F83 (M4 Convertible)       | F85 (X5 M SAV)              |
| F80 (M3 Sedan)                   | F87 (M2 Coupe)                 | F90 (M5 Sedan)             | F97 (X3 M SAV)              |
| F86 (X6 M SAC)                   | G01 (X3 SAV)                   | G02 (X4 SAC)               | G05 (X5 SAV)                |
| G06 (X6 Sports Activity Coupe)   | G12 (7 Series Sedan)           | G14 (8 Series Convertible) | G15 (8 Series Coupe)        |
| F98 (X4 M SAC)                   | G29 (Z4 Roadster)              | G30 (5 Series Sedan)       | G32 (6 Series Gran Turismo) |
| G07 (X7 SAV)                     | G20 (3 Series Sedan)           | I12 (i8 Coupe)             | I01 (i3)                    |
| 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.

## 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 using 250 ml of silicone remover concentrate mixed with approx. 1.5 quarts 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” windshield washer fluid when servicing the vehicle, or when performing repairs on the windshield washer system.

## **PARTS INFORMATION**

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

| <b>Part Number</b> | <b>Description</b>                          | <b>Quantity</b> |
|--------------------|---|-----------------|
| 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               |

## **WARRANTY INFORMATION**

Not applicable.