



## SUBJECT

### Horn(s) Fail to Work

## MODEL

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)

## SITUATION

While trying to activate the horn, one or both horns fail to work.

One or more of the following fault codes can be stored in the FEM:

- “8044A3 – Wiring, horn short circuit to earth”
- “8044A4 – Wiring, horn short circuit to positive”
- “8044A5 – Wiring, horn relay is defective or short circuit to positive”

## CAUSE

Water has entered the horn and caused it to fail internally (shorted out).

## CORRECTION

Replace the horns as needed per the “Fanfares” test plan in ISTA.

## PROCEDURE

1. Perform a vehicle test with ISTA and diagnose any horn-related faults. Complete the “Fanfares” test plan and follow the test plan recommendations. The test module can be accessed in ISTA using the following path: “Function structure / 03 Body / General Vehicle electrical system / Fanfares.”

**Always connect a BMW approved battery charger/power supply (SI B04 23 10).**

2. In the course of diagnosis if both horns fail to work, Fuse F14, located in the FEM (Front Electronic Module), might be blown and need replacing. This is checked as part of the test module.
3. In some cases after the horns are replaced, they still do not work. This can be caused by the FEM electric protection function remaining active. This function can be deactivated by entering the FEM ECU function from the vehicle test and performing an ECU reset, or letting the vehicle enter sleep mode (after 16 minutes).

## PARTS INFORMATION

Part Number	Description	Quantity
61 33 7 300 975	Air horn, High Frequency	1 as needed

61 33 7 300 976

Air horn, Low Frequency

1 as needed

**WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty.

<b>Defect Code:</b>	<b>61 33 00 79 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Charging battery
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module

Labor operation code 00 00 006 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Even though work time labor operation code 61 00 006 ends in “006,” it is not considered a Main labor operation.

Work time (WT) labor operation 61 00 006 requires an individual punch time.

And:

**One Horn Is Inoperative (Left or Right)**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 33 050	Refer to KSD2	Removing and installing or replacing left fanfare

Labor operation code 61 33 050 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 61 33 550 instead.

Or:

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 33 055	Refer to KSD2	Removing and installing or replacing right fanfare

Labor operation code 61 33 055 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 61 33 555 instead.

Or:

**Both Horns Are Inoperative**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 33 060	Refer to KSD2	Removing and installing or replacing both two-tone horns

Labor operation code 61 33 060 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 61 33 565 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

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