

**SERVICE ACTION: REPLACE LEFT FRONT SHORT RANGE RADAR SENSOR (SRR)**

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

**MODEL**

<b>E-Series</b>	<b>Model Description</b>	<b>Production Date</b>	<b>Affected Option Code</b>
F97	X3 M Sports Activity Vehicle	From December 6 <sup>th</sup> , 2019 To December 13 <sup>th</sup> , 2019	5AS – Driving Assistance Or 5AU – Driving Assistance Prof
F98	X4 M Sports Activity Coupe		
G01	X3 Sports Activity Vehicle		
G05	X5 Sports Activity Vehicle		
G07	X7 Sports Activity Vehicle		

**SITUATION**

The functionality of the left front SRR sensor could be reduced which would display the Driving Assistance Check Control Message.

**AFFECTED VEHICLES**

Vehicles which require this Service Action to be completed will show it as “Open” when checked either in AIR, the “Service Menu” of DCSnet (Dealer Communication System) or with ISPA NEXT.

**CAUSE**

The SRR sensor hardware.

**CORRECTION**

Replace the left side front SRR sensor.

Note: This repair is similar to another Service Action for the same models. SI B66 06 20 affects the right front SRR, per Defect Code **0066390100**. Not every vehicle will require replacement of both front SRR sensors. Refer to “Affected Vehicles”.

**PROCEDURE**

Depending on the vehicle being repaired, refer to the appropriate ISTA repair instructions for removing and replacing the left front SRR.

- For F9x, G05, G07 vehicles refer to REP 66 32 165
- For G01 vehicles refer to REP 66 32 110

Program and code the vehicle using ISTA 4.21.3 or higher (released February 2020).

- Target I-Level S15A-19-11-555 or higher

Complete all concluding work recommended at the end of ISTA programming session.

**Always connect a BMW-approved battery charger/power supply (SI [B04 23 10](#)) when performing programming.**

For information on programming and coding with ISTA, refer to CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation.

**PARTS INFORMATION**

**Only use and invoice the part number below.**

**Performing a part number look-up in ETK (EPC) by VIN or model in place of using/invoicing the following part number may result with the wrong part number being invoiced and installed, this could delay the**

payment of claim.

Part Number	Description	Quantity
66 32 5A0CDA7	Radar sensor, close range (SRR-01)	1

## **WARRANTY INFORMATION**

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open where the claim submission information is available, the programming and encoding procedure may only be invoiced one time.

Update the vehicle to the required I-level or higher either by performing or submitting for this or one of the other open Technical Campaigns.

When applicable, **please be sure to perform any additional work (before and/or after) these repairs require** and/or close the remaining programming and encoding Technical Campaign repairs as outlined in the corresponding Service Information Bulletin.

Reimbursement for this Service Action to **replace the short range radar sensor** will be via normal claim entry utilizing the work package information below that applies together with the specified part number listed above:

<b>Defect Code:</b>	<b>0066380100</b>	<b>F9x G0x G21 Replace left front lateral radar sensor</b>
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**Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop-**

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 69 502	<b>Replacing the left front</b> short range radar sensor with <b>programming/encoding the vehicle control units</b> (includes connecting an approved battery charger/power supply and performing a vehicle test)	11 FRU (G05, G07); 13 FRU (F97, F98, G01)
Or:			
# 2	00 69 503	<b>Replacing the left front</b> short range radar sensor ( <b>programming/encoding vehicle control units was performed in conjunction with another campaign or repair during the same workshop visit</b> )	3 FRU (G05, G07); 5 FRU (F97, F98, G01)

Or:

**The vehicle arrives at your center and this Service Action shows open (No other main work will be performed or claimed during this workshop visit)-**

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 3	00 69 001	<b>Replacing the left front</b> short range radar sensor with <b>programming/encoding the vehicle control units</b> (includes connecting an approved battery charger/power supply and performing a vehicle test)	13 FRU (G05, G07); 15 FRU (F97, F98, G01)

Only one of the flat rate labor operation codes listed above can be used for claim submission/reimbursement purposes. Also, only one Main work flat rate labor operation code can be claimed per workshop visit.

### **Claim Repair Comments**

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and the claim comments (For example: B66 05 20 WP 1).

### **Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)**

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

- Please claim this consequential control module-related repair work (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section

For control module failures that occurred prior to performing this programming procedure:

- When covered under an applicable limited warranty, claim the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis with separate punch times).

And, as applicable:

### **Alternative Mobility Solution (AMS) for Vehicle Owners (RO and Claim Comments Required)**

This Service Action repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect Code noted above as follows:

Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to SI B01 29 16 for additional information.