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Overview, rain sensor (additional work when replacing the windscreen / sensor replacement)

- **5-Series:** E60, E61
- **6-Series:** E63, E64
- **7-Series:** E65, E66:

Sensor type/ Sensor shape	With windscreen replacement Sensor replacement required	With sensor replacement Encoding / programming necessary	With sensor replacement Initialisation required	Connecting the diagnosis system required
all types square 60 x 40 mm	No	Yes	Yes	Yes
all types approximately ø 50 mm	No (new replacement optics required, refer to Electronic Parts Catalogue)	Yes	Yes	Yes

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- **X5:** E70, E71, E72

Sensor type/ Sensor shape	With windscreen replacement Sensor replacement required	With sensor replacement Encoding / programming necessary	With sensor replacement Initialisation required	Connecting the diagnosis system required
RLPSS (Rain, light and	Yes	Yes	Yes	Yes

precipitation solar sensor) (Designation is located on the back of the sensor) approximately ø 50 mm				
RLSS (vehicle without HUD) (Designation is located on the back of the sensor) approximately ø 50 mm	No (new replacement optics required, refer to Electronic Parts Catalogue)	Yes	Yes	Yes
RLSS (vehicle with HUD) (Designation is located on the back of the sensor) approximately ø 50 mm	Yes	Yes	Yes	Yes

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- **1-Series:** E81, E82, E87, E88
- **3-Series:** E90, E91, E92, E93
- **X1:** E84
- **X3:** E83
- **Z4:** E85, E86

Sensor type/ Sensor shape	With windscreen replacement Sensor replacement required	With sensor replacement Encoding / programming necessary	With sensor replacement Initialisation required	Connecting the diagnosis system required
all types square 60 x 40 mm	No	Yes	Yes	Yes

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- **5-Series:** F10, F11, F18
- **5-Series GT:** F07
- **6-Series:** F06, F12, F13
- **7-Series:** F01, F02, F03, F04
- **X3:** F25

Sensor type/ Sensor shape	With windscreen replacement Sensor replacement required	With sensor replacement Encoding / programming necessary	With sensor replacement Initialisation required	Connecting the diagnosis system required
all types approximately ø 35 mm	No	No	Yes	Yes
all types approximately ø 50 mm	Yes	Yes	Yes	Yes

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- **X5:** F15

Sensor type/ Sensor shape	With windscreen replacement Sensor replacement required	With sensor replacement Encoding / programming necessary	With sensor replacement Initialisation required	Connecting the diagnosis system required
all types approximately ø	No	No	No	No

35 mm				
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- **1-Series:** F20, F21
- **2-Series:** F22, F23
- **3-Series:** F30, F31
- **3-Series GT:** F34
- **4-Series:** F32, F33

Sensor type/ Sensor shape	With windscreen replacement Sensor replacement required	With sensor replacement Encoding / programming necessary	With sensor replacement Initialisation required	Connecting the diagnosis system required
all up to 03/2014 except SBS (01) (Designation is located on the back of the sensor) approximately ø 35 mm	No	No	Yes	Yes
SBS (01) (Designation is located on the back of the sensor) approximately ø 35 mm	No	No	No	No
All as of 03/2014 approximately ø 35 mm	No	No	No	No

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Sensor type/ Sensor shape	With windscreen replacement Sensor replacement required	With sensor replacement Encoding / programming necessary	With sensor replacement Initialisation required	Connecting the diagnosis system required
all types approximately ø 35 mm	No	No	No	No

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MINI (all):

Sensor type/ Sensor shape	With windscreen replacement Sensor replacement required	With sensor replacement Encoding / programming necessary	With sensor replacement Initialisation required	Connecting the diagnosis system required
all types square 60 x 40 mm	No	Yes	Yes	Yes
all types approximately ø 35 mm	No	No	No	No

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Rolls-Royce (all):

Sensor type/ Sensor shape	With windscreen replacement Sensor replacement required	With sensor replacement Encoding / programming	With sensor replacement Initialisation required	Connecting the diagnosis system required
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		necessary		
all types square 60 x 40 mm	No	Yes	Yes	Yes
all types approximately ø 35 mm	No	No	Yes	Yes
all types approximately ø 50 mm	Yes	Yes	Yes	Yes