



## Removing the handlebar switchgear

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All BMW Motorrad C, F, K, R and S-series models, 2012 onward)

Edition 1.0 (June 2026)

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### 3. REPORTING MISTAKES

You can help improve this document.

If you find any mistakes, or if you know of ways to improve the procedures that are given, please E-mail your suggestions to the author at [technicwrite@gmail.com](mailto:technicwrite@gmail.com).

## 4. APPLICABILITY

This manual is specifically applicable to BMW Motorrad C-series, F-series, R-series, K-series and S-series models manufactured from the period of 2011-2012 onward.

This manual is *not* applicable to earlier BMW motorcycles, or to G-series motorcycles made from 2011-2012 onward.

This manual is applicable if your motorcycle is equipped with switchgear featuring the combined kill/starter switch (below).



## 5. WORKSHOP TOOLS AND CONSUMABLES

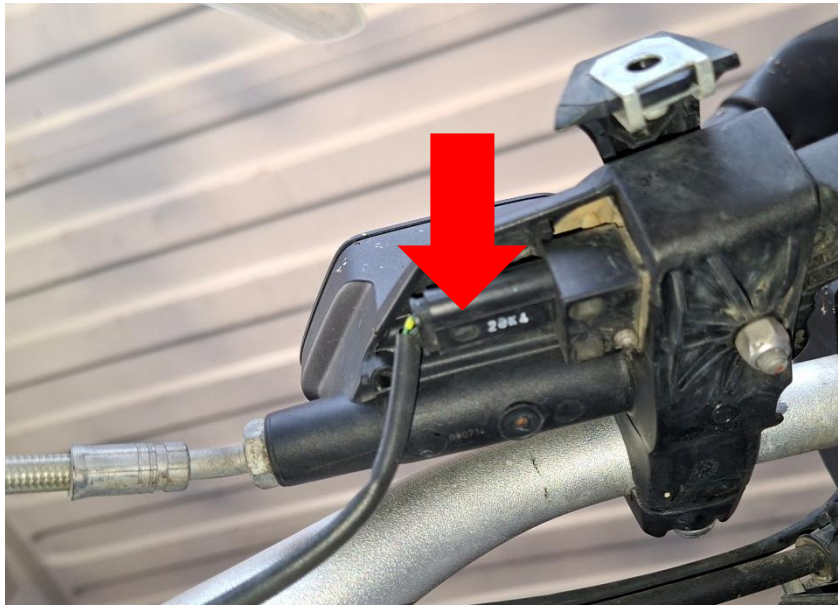
Before starting the work described in this document, you will need the following:

- A T8 Torx wrench.
- A T10 Torx wrench.
- A T25 Torx wrench (if the motorcycle is equipped with BMW Motorrad handguards and/or handlebar end weights).
- A T50 Torx wrench (if the motorcycle is equipped with BMW Motorrad handguards and/or handlebar end weights).
- A 3mm or 4mm-bladed flat screwdriver.

## 6. REMOVING THE LEFT-SIDE SWITCHGEAR

Remove the left-side control switchgear by doing the steps that follow:

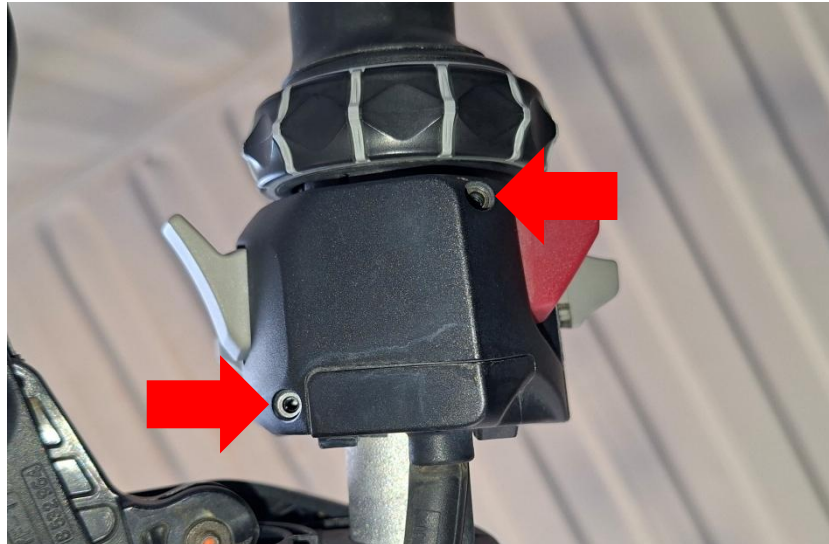
1. Gently insert the screwdriver blade under the locking tab of the clutch safety switch connector, and pull the wiring harness connector from the clutch switch (below).



2. Using the screwdriver blade, unfasten the two clips securing the cable cover (below).



3. Pull the cable cover straight down from the left switchgear.
4. Remove the two Torx screws from the underside of the left switchgear (below).



5. Gently insert the screwdriver blade into the slot on the inner rear side of the left switchgear. Lever the screwdriver upward to separate the rear lower half of the casing from the rear upper half (below).



6. Gently insert the screwdriver blade between the upper and lower halves of the left switchgear on the front side. Lever the screwdriver upward to separate the lower rear half of the casing from the upper rear half (below).



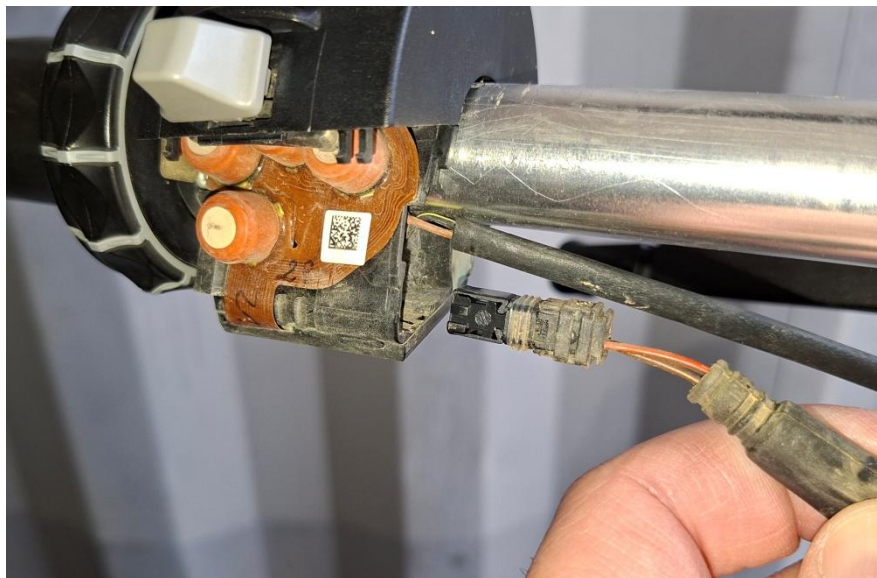
7. Gently pull the lower front half of the casing down and away from the upper front half (below). Work the lower half down gradually until it separates fully from the upper half.



8. Position the lower half of the casing out of the way by moving it along the cabling (below).



9. Disconnect the lower wiring harness connector by gently pulling it from the switchgear (below).



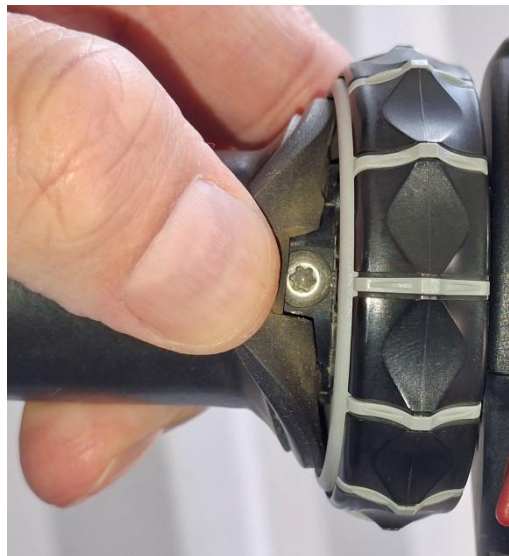
10. If the motorcycle has heated grips, gently insert the screwdriver blade under the upper-side locking tab of the upper wiring harness connector (below). Disconnect the upper connector by gently pulling it from the switchgear.



11. If the motorcycle has a rotary MultiController, tilt the MultiController to the right (below).



12. Gently peel back the inner doughnut portion of the left handlebar grip (below). Remove the Torx screw.



13. Pull the grip/MultiController/switchgear assembly from the end of the handlebar (below).



14. Reassembly is the reverse of disassembly.

## 7. REMOVING THE RIGHT-SIDE SWITCHGEAR

Remove the right-side control switchgear by doing the steps that follow:

1. Remove the single Torx screw from the underside of the right switchgear (below).



2. Gently insert the screwdriver blade between the upper and lower halves of the right switchgear on the front side (below). Lever the screwdriver upward to separate the lower front half of the casing from the upper front half.



3. Gently insert the screwdriver blade between the upper and lower halves of the right switchgear on the rear side (below). Lever the screwdriver upward to separate the lower rear half of the casing from the upper front half.



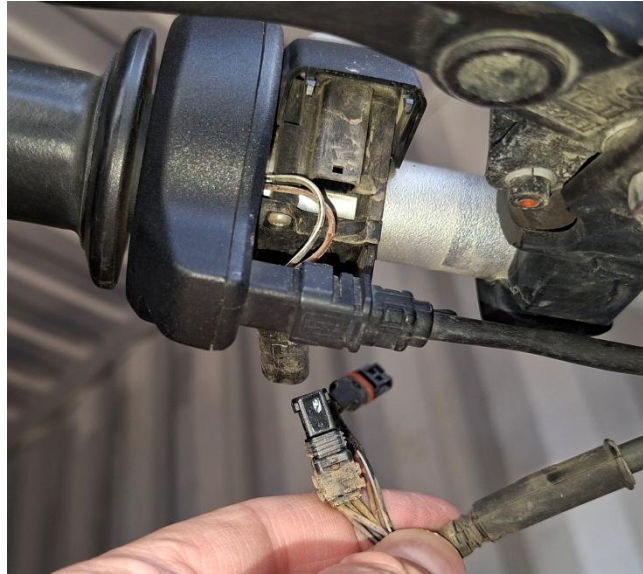
4. Carefully manipulate the lower half of the casing down and to the left of the upper half (below). Be careful not to damage the wiring or wiring harness connector of the ride-by-wire throttle twistgrip.



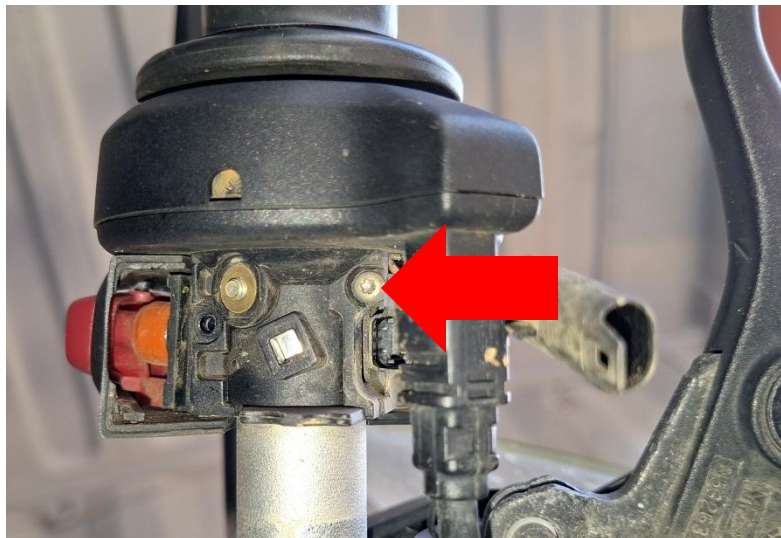
5. If the motorcycle has heated grips, gently separate the heated grip wiring harness connector from the lower edge of the right switchgear (below).



6. Disconnect the heated grip wiring harness connector from the right-side switchgear.
7. Disconnect the right-side switchgear wiring harness connector by gently pulling it downward from the switchgear (below).



8. Remove the single Torx screw from the underside of the right switchgear (below).



9. Remove the right-side switchgear assembly from the handlebar by pulling it straight up (below).



10. Reassembly is the reverse of disassembly.