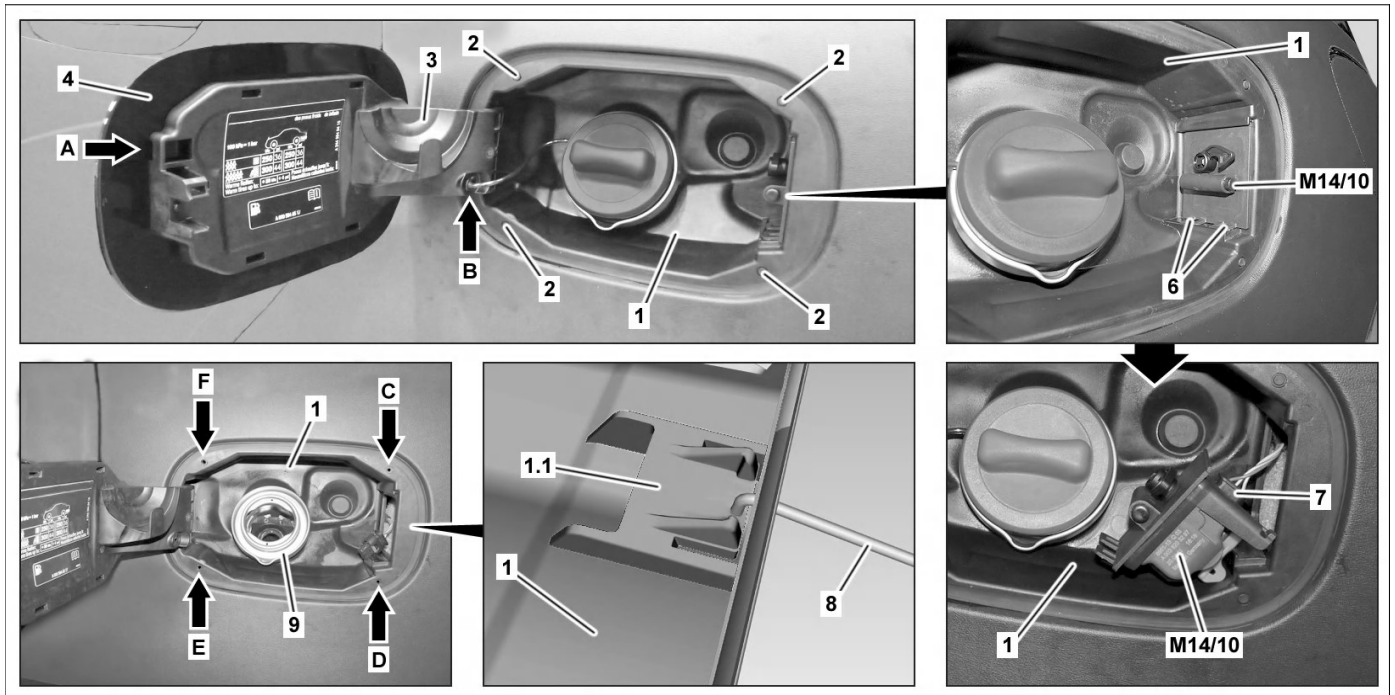


Model 117, 156, 176, 242, 246

Modification notes

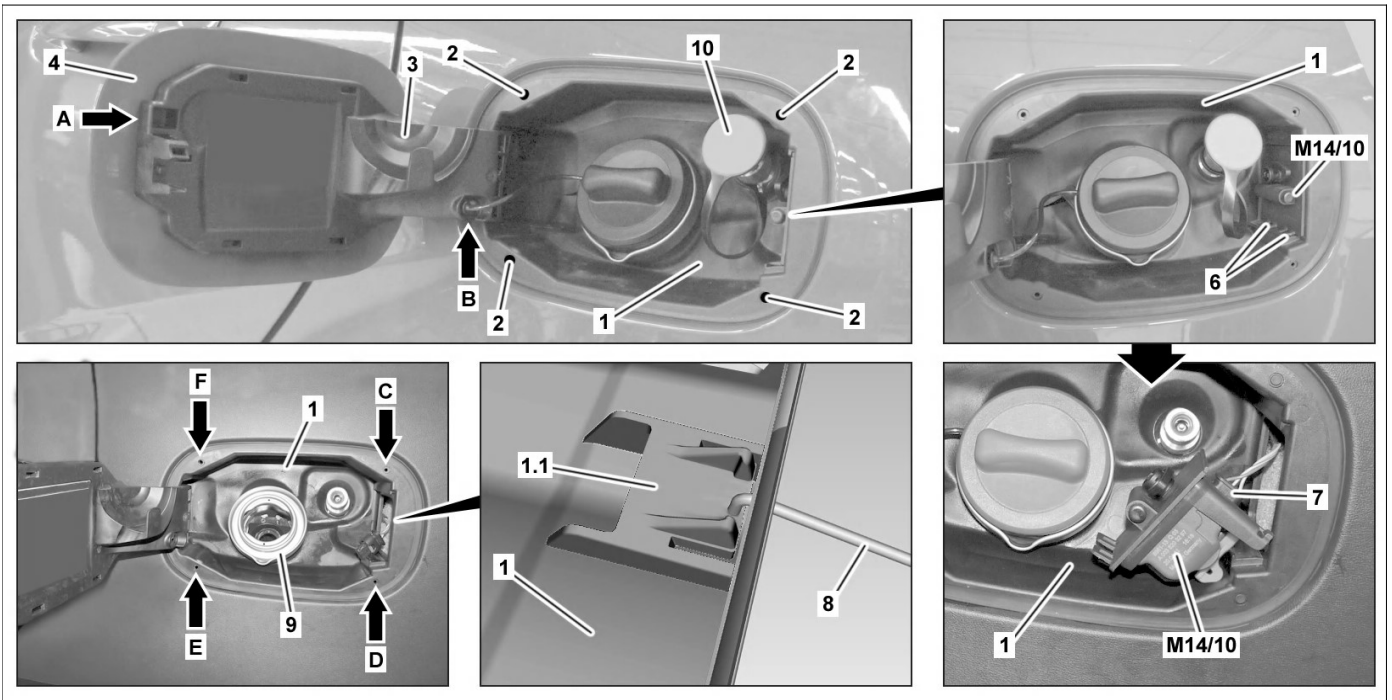
| | | | |
|------------|-----------------------------------|---------------------------|--|
| 25.01.2016 | Operation step changed | AS 6 | |
| 25.01.2016 | Operation step version added | Operation step 8 and AS16 | |
| 25.01.2016 | Condition added in operation step | AS17 | |
| 25.01.2016 | Operation step changed | Operation step 23 | |
| 26.01.2016 | New graphic added | P88.60-2563-06 | |



P88.60-2345-09

Shown on model 246

| | | | | | |
|-----|---------------------|---|----------------------|--------|--|
| 1 | Tank filling recess | 4 | Fuel filler flap | 9 | Filler neck |
| 1.1 | Catch hook | 6 | Catch hook | M14/10 | Fuel filler/socket flap central locking actuator |
| 2 | Rubber plug | 7 | Electrical connector | | |
| 3 | Hinge | 8 | Extraction hook | | |



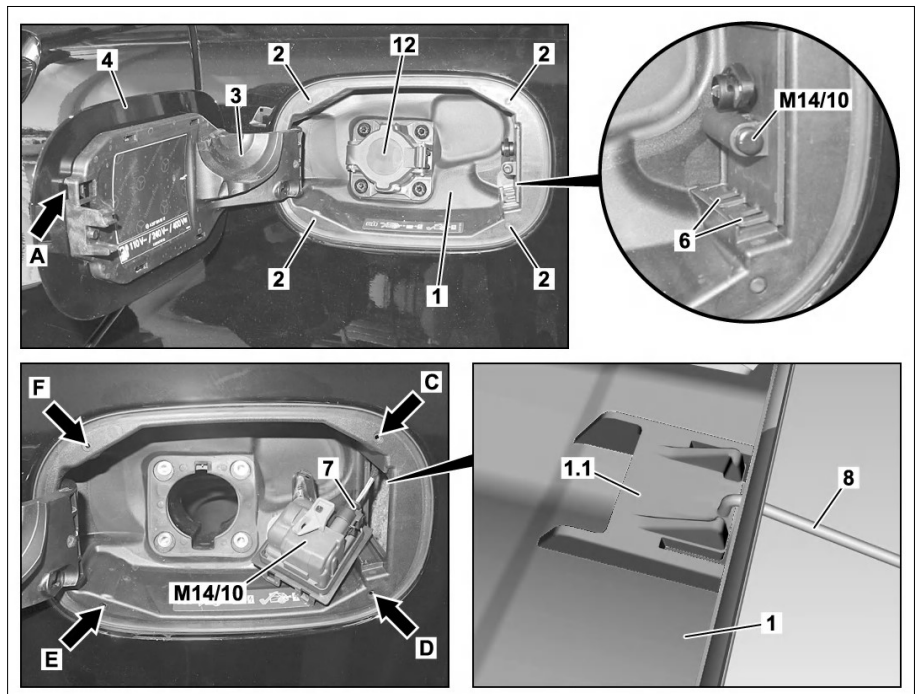
P88.60-2374-09

Shown on model 242 with engine 270

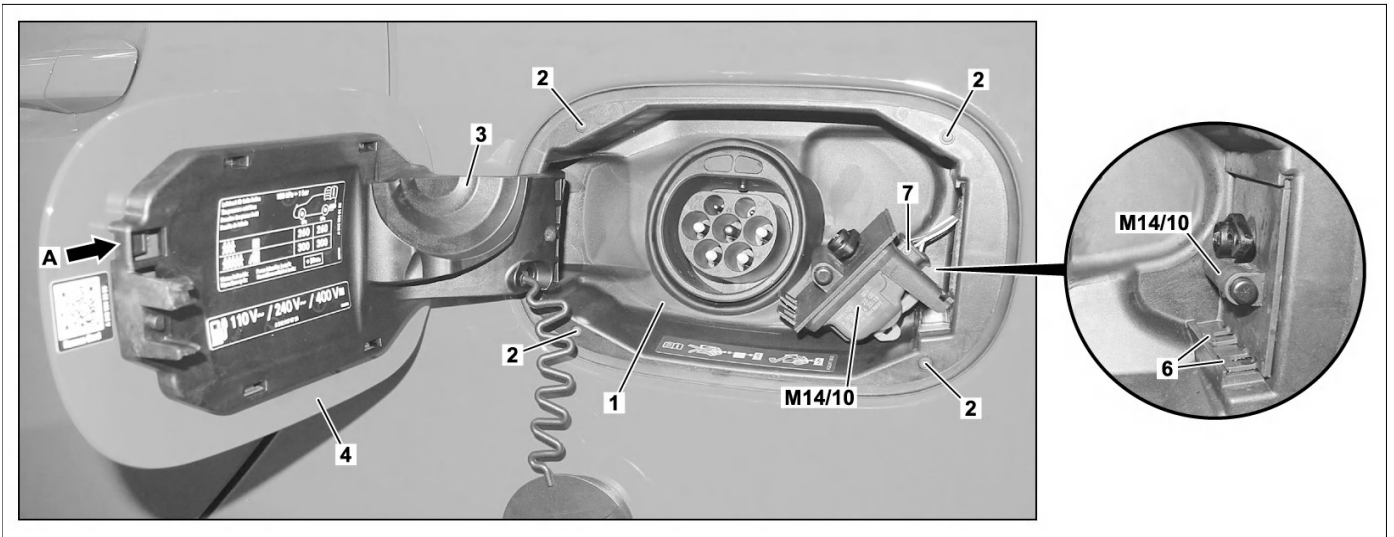
- | | | | | | |
|-----|---------------------|---|----------------------|--------|--|
| 1 | Tank filling recess | 4 | Fuel filler flap | 9 | Filler neck |
| 1.1 | Catch hook | 6 | Catch hook | 10 | Gas filler fitting cap |
| 2 | Rubber plug | 7 | Electrical connector | M14/10 | Fuel filler/socket flap central locking actuator |
| 3 | Hinge | 8 | Extraction hook | | |

Shown on MODEL 242 with Motor 780 and with CODE 494 (USA version)

- | | | | |
|-----|----------------------|--------|--|
| 1 | Tank filling recess | 12 | Charger feed-in socket |
| 1.1 | Catch hook | M14/10 | Fuel filler/socket flap central locking actuator |
| 2 | Rubber plug | | |
| 3 | Hinge | | |
| 4 | Fuel filler flap | | |
| 6 | Catch hook | | |
| 7 | Electrical connector | | |
| 8 | Extraction hook | | |



P88.60-2563-06



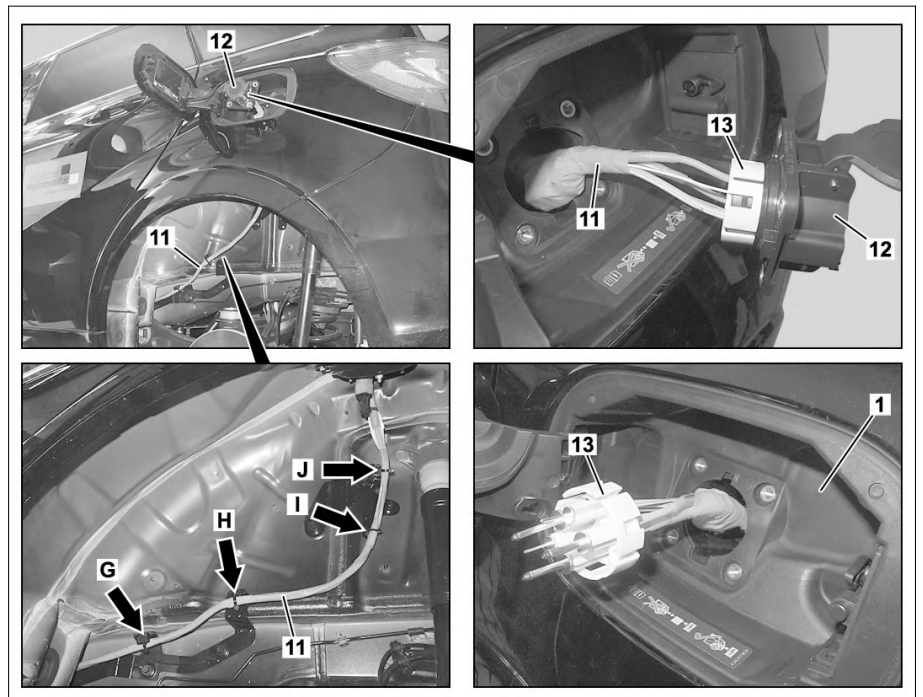
P88.60-2480-08

Shown on MODEL 242 with Motor 780 and without CODE 494 (USA version)

- | | | | |
|---|---------------------|--------|--|
| 1 | Tank filling recess | 6 | Catch hook |
| 2 | Rubber plug | 7 | Electrical connector |
| 3 | Hinge | M14/10 | Fuel filler/socket flap central locking actuator |
| 4 | Fuel filler flap | | |







Shown on MODEL 242 with Motor 780 and with CODE 494 (USA version)

- | | |
|----|------------------------|
| 1 | Tank filling recess |
| 11 | Charging cable |
| 12 | Charger feed-in socket |
| 13 | Lock |

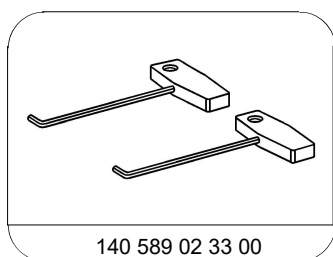


P88.60-2410-06

| | | | |
|--|--|--|----------------------|
| | Risk of death when touching components on vehicles with high-voltage on-board electrical system | Do not touch damaged or defective components and open lines of the high-voltage on-board electrical system. Persons who wear electronic implants (e.g. cardiac pacemakers) must not carry out any work on high-voltage on-board electrical systems. | AS54.00-Z-0001-01A |
| | Risk of explosion caused by fuel igniting, risk of poisoning caused by inhaling and swallowing fuel as well as risk of injury to eyes and skin caused by contact with fuel. | No fires, sparks, open flames or smoking. Pour fuels into suitable and appropriately marked containers only. Wear protective clothing when handling fuel. | AS47.00-Z-0001-01A |
| | Information on preventing damage to electronic components due to electrostatic discharge | | AH54.00-P-0001-01A |
| | Note on high-voltage battery | Model 242 | AH54.10-P-0006-01MEV |
| | Note on high-voltage on-board electrical system | | AH54.00-P-0010-01A |

| | | | |
|--|--|--|----------------------|
| | Evaluation of high-voltage components | Model 242.890 | AH54.00-P-6500-01SXH |
|  | Remove | | |
| 1 | Perform disable for the high-voltage on-board electrical system | Model 242 with engine 780 with code 494 (US version) | AR54.10-P-1150NKE |
| 2 | Detach left rear wheel-and-tire assembly | Model 242 with engine 780 with code 494 (US version) | AP40.10-P-4050AK |
|  | | | |
| 3 | Remove fender liner in left rear fender | Model 242 with engine 780 with code 494 (US version) | AR88.10-P-1400NKB |
| 4 | Unclip charging cable (11) (arrow G, H, I, J) | Model 242 with engine 780 with code 494 (US version) | |
| 5 | Detach charger feed socket (12) from tank filler recess (1) | Model 242 with engine 780 with code 494 (US version)  Charger feed socket (12) remains on vehicle. | AR54.10-P-5109NKE |
| 6 | Unclip lock (13) from charger feed power outlet (12) and detach charging cable (11) from charger feed power outlet (12) | Model 242 with engine 780 with code 494 (US version) | |
| 7 | Unlock fuel filler flap (4) from catch hook (arrow A) and remove from hinge (3) | | |
| 8.1 | Remove rubber plug (2) | If rubber plug (2) is installed. | |
| 8.2 | Drill tank filler recess (1) at specified cutouts (arrows C, D, E, F) with Ø 3 mm drill bit | If rubber plug (2) is not installed. | |
| 9 | Unclip tank/socket cap central locking actuator (M14/10) from catch hooks (6) | | |
| 10 | Disconnect electrical connector (7) and remove tank/socket cap central locking actuator (M14/10) | | |
| 11 | Unclip tank cap check strap from bracket (arrow B) and unscrew tank tap | Model 117, 156, 176, 246 Model 242 with engine 270 Model 242 with engine 780 except code 494 (US version) | |
| 12 | Remove gas filler fitting cap (10) together with check strap | Model 242 with engine 270 | |
| 13 | Disengage catch hooks (1.1) behind release holes (arrows C, D, E, F) with extraction hook (8) and simultaneously pull tank filler recess (1) out of left rear fender |  Insert extraction hook (8) into release holes (arrows C, D, E, F) only far enough to disengage catch hooks (1.1).  Extraction hook | *140589023300 |
| 14 | Coat seal on tank filler recess (1) on filler neck (9) with lubricant | Model 117, 156, 176, 246 Model 242 with engine 270 Special lubricant | *BR00.45-Z-1055-06A |
| 15 | Coat seal on tank filler recess (1) on gas filler fitting with lubricant | Model 242 with engine 270 Special lubricant | *BR00.45-Z-1055-06A |
| 16.1 | Put seal of tank filler recess (1) over filler neck (9), gas filler neck and remove tank filler recess (1) from left rear fender | Model 242 with engine 270 | |
| 16.2 | Carefully put tank filler recess (1) over lock (13) and filler neck (9) and remove tank filler recess (1) from left rear fender | Model 242 with engine 780 with code 494 (US version) | |
| 16.3 | Put tank filler recess (1) over filler neck (9) and remove left rear fender | Model 117, 156, 176, 246 | |
|  | Install | | |
| 17 | Install rubber plug (2) in tank filler recess (1) | If tank filler recess must not be replaced and the cutouts (arrows C, D, E, F) are not plugged. | |
| 18 | Coat seal on tank filler recess (1) on filler neck (9) with lubricant | Model 117, 156, 176, 246 Model 242 with engine 270 Special lubricant | *BR00.45-Z-1055-06A |
| 19 | Coat seal on tank filler recess (1) on gas filler fitting with lubricant | Model 242 with engine 270 Special lubricant | *BR00.45-Z-1055-06A |
| 20 | Put seal of tank filler recess (1) over filler neck (9) | Model 117, 156, 176, 246 Model 242 with engine 270 | |
| 21 | Put seal of tank filler recess (1) over gas filler fitting | Model 242 with engine 270 | |
| 22 | Guide electrical connector (7) through opening for tank/socket cap central locking actuator (M14/10) | | |
| 23 | Insert tank filler recess (1) at front into left rear fender, the pivot toward rear and clip in catch hook (1.1) | | |

| | | | |
|----|--|--|-------------------|
| 24 | Screw on tank cap and clip tank cap check strap into bracket (arrow B) | Model 117, 156, 176, 246 Model 242 with engine 270 Model 242 with engine 780 except code 494 (US version) | |
| 25 | Remove gas filler fitting cap (10) together with check strap | Model 242 with engine 270 | |
| 26 | Connect tank/socket cap central locking actuator (M14/10) to electrical connector (7) and clip into tank filler recess (1) | | |
| 27 | Clip charger feed socket (12) into lock (13) | Model 242 with engine 780 with code 494 (US version) | |
| 28 | Install charger feed socket (12) | Model 242 with engine 780 with code 494 (US version) | AR54.10-P-5109NKE |
| 29 | Slide tank cap (4) onto hinge (3) and arrest | | |
| 30 | Clip in charging cable (11) (arrow G, H, I, J) | Model 242 with engine 780 with code 494 (US version) | |
| 31 | Install fender liner in left rear fender | Model 242 with engine 780 with code 494 (US version) | AR88.10-P-1400NKB |
| 32 | Install complete rear wheel | Model 242 with engine 780 with code 494 (US version) | AP40.10-P-4050AK |
| 33 | Perform initial startup of high-voltage on-board electrical system | Model 242 with engine 780 with code 494 (US version) | AR54.10-P-1150NKE |



Extraction hook

Repair materials

| Number | Designation | Order number |
|--------------------|-------------------|-----------------|
| BR00.45-Z-1055-06A | Special lubricant | A 000 989 36 60 |