ECU Mounting Bracket

<table>
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<tr>
<th>Item</th>
<th>Component</th>
<th>Part Number</th>
<th>Qty</th>
</tr>
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<td>1</td>
<td>ECU Mounting Bracket</td>
<td>202-0485-02</td>
<td>1</td>
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<tr>
<td>2</td>
<td>Bolt, HexM8 x 20mm</td>
<td>513-0011-01</td>
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</tr>
<tr>
<td>3</td>
<td>Washer, Flat M8</td>
<td>517-0002-01</td>
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<td>4</td>
<td>Nut, Hex M8</td>
<td>519-0010-01</td>
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<td>5</td>
<td>Instruction Guide</td>
<td>602-0321-02</td>
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<tr>
<td>6</td>
<td>Screw 8-32 x 1/2&quot; Hex</td>
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Overview

These instructions provide the procedure(s) for installing the ECU Mounting Bracket on qualified vehicles at the factory recommended location. The ECU Mounting Bracket can be used to mount various ECU devices such as the GeoSteer Control Unit (GCU) or ECU4 on various makes and models. This bracket has been qualified on the vehicle(s) listed below; however this bracket kit can also be used for custom installations to install on other vehicles not listed.

**Note:** The installer can mount the ECU in alternative locations than the one suggested by the manufacturer so long as the mounting point is firmly attached to the frame of the vehicle, square with the direction of travel of the vehicle at all axes, does not interfere with the driver or with the normal operation of the vehicle, and is protected from being damaged.

**Note:** If mounting next to the seat, always verify that the ECU bracket and ECU device do not interfere with the seat (including when deflated, at the lowest position, or while rotated) and/or other equipment in the cab after the final installation.

Supported Vehicles

The following models have been confirmed to be compatible with this ECU Mounting Bracket Kit:

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<th>Supported Make, Models, and Year Model was First Released</th>
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<td>AGCO Challenger 540C, 560C</td>
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<td>Challenger MT645C, MT655C, MT665C, and MT675C (2009 -)</td>
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<td>Challenger MT645D, MT655D, MT665D, MT675D, and MT685D (2012 -)</td>
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<td>Gleaner R66 and R76 (2009 -)</td>
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<td>Gleaner S67 and S77 (2011 -)</td>
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<tr>
<td>Massey Ferguson 8650, 8660, 8670, 8680, and 8690 (2009 -)</td>
<td>3</td>
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<tr>
<td>MF-9520, MF-9540, MF-9560</td>
<td>5</td>
</tr>
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</table>
• AGCO DT205B, DT225B, DT250B, and DT275B (2009 -)  
• Challenger MT645C, MT655C, MT665C, and MT675C (2009 -)  
• Challenger MT645D, MT655D, MT665D, MT675D, and MT685D (2012 -)  
• Massey Ferguson 8650, 8660, 8670, 8680, and 8690 (2009 -)

1. Open the right side cab door/window by releasing the latch and then pulling the pin from the latch point. This will allow the door to fully open.

2. Locate the two mounting holes on the front, right cab pillar near the floor. They will have plastic hole protectors covering them.

3. Remove the two hole plugs by unscrewing them.

   **Note:** You may need to use a flat screwdriver or some other tool to help get the inserts to start turning.

4. Attach the bracket as shown using two M8 x 20mm bolts and M8 flat washers. Tighten with a 13mm socket and ratchet.
5. Attach the ECU device to the mounting bracket with four 8-32 x 1/2" Hex Screws.

6. Use a 1/4" nut driver to tighten. Do not over tighten

Note: The ECU connectors should face the rear of the vehicle.

7. Attach the required cables and harness to the ECU device to complete this portion of the installation.

Note: GeoSteer Control Unit showed installed for reference.
• Gleaner R66 and R76 (2009 -)
• Gleaner S67 and S77 (2011 -)
• AGCO Challenger 540C, 560C
• MF-9520, MF-9540, MF-9560

1. Look under the front, left side of the cab for the ECU mounting point.

2. Locate the two bolts on the front of the hose shield on the left side.

3. Remove the two bolts with a 9/16" socket and ratchet.

NOTE: The Challenger and MF models may not have these factory bolts installed. On these models, use the two M8 bolts and nuts provided in your kit for securing the bracket.

4. Attach the bracket as shown using the two bolts that were removed.

5. Tighten with a 9/16" socket and ratchet.
6. Attach the ECU device to the mounting bracket with four 8-32 x 1/2" Hex Screws.

7. Use a 1/4" nut driver to tighten. Do not over tighten

**Note:** The ECU connectors should face the right side of the vehicle.

8. Attach the required cables and harness to the ECU device to complete this portion of the installation.

**Note:** GeoSteer Control Unit showed installed for reference.
Custom Installations on Non-Supported Vehicles

This ECU Mounting Bracket can be modified as necessary to fit other vehicles not covered in this manual or mounted in alternative locations on the vehicle. The ECU Mounting Bracket can be modified by drilling new mounting holes in the bracket to match hole patterns on the machine. When installing the ECU Mounting Bracket in a custom location always keep in mind the following requirements:

• Confirm that the ECU device is mounted square in all directions (horizontally, vertically, and front to back) to the direction of travel of the vehicle after it is installed. The ECU device must be mounted within 2 degrees of square in all angles for best vehicle performance.

• If mounted by the seat, confirm that there is sufficient clearance around the seat to accommodate the ECU Mounting Bracket and ECU device as the seat suspension moves up-and-down even with the seat at its lowest level (ex. all the air removed). Also confirm that there is sufficient clearance to allow the seat to rotate at all heights without interfering with the ECU Mounting Bracket and ECU device.

• If mounted outside the cab, confirm that the ECU Mounting Bracket and ECU device are protected from damage from crops while in operation.

• Confirm that the ECU Mounting Bracket and ECU device do not interfere with any of the vehicle’s control levers, knobs or other components.

• Confirm that the ECU Mounting Bracket and ECU device do not interfere with the operator’s visibility while operating the vehicle.

• Confirm that the ECU Device, when mounted, will not be damaged by falling objects or placed where other material can be piled on top of it.

• Confirm that the ECU Mounting Bracket is firmly secured to the vehicle.