## INSTALLATION GUIDE

**200-0688-01 Kit**

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Overview

This installation manual provides instructions on how to install the GeoSteer Control Unit (GCU) Bracket Kit (PN 200-0688-01) on the vehicles it has been confirmed to fit. This kit could also be used in other installations for custom installations.

The bracket is designed to be installed on the right side of the driver’s seat near the cab floor using the existing mounting bolts for the seat. Refer to the section of this manual for the vehicle that this kit is being installed on and follow the instructions provided.

The exact bracket position and mounting hardware will vary depending on the vehicle model and space available in the cab. The bracket can also be installed on other vehicles that use similar mounting bolts for the seat and offers sufficient horizontal and vertical clearance around the seat. The bracket should be installed on the right side of the seat whenever possible in order to leave the left side floor space available for storage.

Note: Always verify that the seat and/or other equipment in the cab are not interfered with after the installation of the GeoSteer Control Unit.

Models Supported

Case 2002 STX-275, 325, 375, 425, 450, 500 ........................................................ ........................................ 2
New Holland 2002 TJ-275, 325, 375, 425, 450, 500 ........................................................ ........................................ 2
Case 2006 STX-280, 330, 380, 430, 480, 530 ........................................................ ........................................ 2
Case 2007 Steiger 330, 380, 430, 480, 530 ........................................................ ........................................ 2
New Holland 2006 TJ-280, 330, 380, 430, 480, 530 ........................................................ ........................................ 2
New Holland 2008 T9020, T9030, T9040, T9050, T9060 ........................................................ ........................................ 2
1. Locate and remove outer two bolts near right-hand side of the seat (between the seat and the electrical compartment) using 13mm socket and ratchet.

   Figure 1   Seat Bracket Mounting Location

2. Place the seat bracket (202-0489-01) on the right hand side of the seat, aligning bracket holes with the bolt holes.
3. Perform a mock-up installation of the GCU bracket (202-0480-01) to the seat bracket using the two M8x25mm bolts included with the kit. Ensure there is proper clearance between the electrical compartment and the GCU bracket. Ensure the electrical compartment lid can still be removed. Also ensure there is adequate space to get the bottom GCU screws in.

**Figure 2  GCU Bracket Mock-up**

4. Once the proper GCU Bracket placement has been determined, attach to GCU seat bracket using the two M8x25 bolts, four M8 flat washers, and two M8 Nylon lock nuts. Tighten using two 13mm wrenches.
5. Place completed GCU bracket assembly in its mounting spot next to the seat. Line up the GCU seat bracket with the M8 tapped holes and insert the two M8 bolts removed in step 1. Tighten with 13mm socket and ratchet.

Figure 3  GCU Bracket Assembly Attached

6. Attach the GeoSteer Control Unit to the GCU Bracket with four 8-32 x 1/2” Hex Screws using a 1/4” nut driver. Do not over tighten

Note: The connectors should face the right side of the vehicle.
7. Attach the 30-pin GeoSteer Main Cable Harness to the left GeoSteer Control Unit port.
8. Attach the 30 pin Vehicle Specific Harness to the right GeoSteer Control Unit port.
9. Attach the coax cables required for the installation to the proper TNC or SMA connector.

Figure 4  GCU Attached