



BB1290 + (B07) & BB1290 HD (B11) INSTALLATION GUIDE

Your Gazeeka package should contain the following items:

- *Transmit Antenna* - An "Active" antenna, microwave cable assembly, and an ISObus control cable that attaches to the antenna.
- *Receive Antenna* - A "Passive" antenna.
- *Mounting Brackets* - Two type "A" mounting brackets and two type "B" mounting brackets. Each antenna support frame requires one type "A" and one type "B" bracket. Eight M10 x 25 bolts for attaching the antenna frames to these brackets.
- *Antenna Protection Bars* - Two antenna protection bars with M8 hex head screws.
- *Bolts* - Four M10 x 120mm bolts for attaching the antenna units to the rear baler frame (M10x120).
- *Cable Ties* - A quantity of large and medium cable ties.
- *Owner's Manual & Quick Reference Card*

1. Unpack the box of Gazeeka components. Note that one antenna has the connector which attaches to the baler cable. This antenna is the active (or transmitting) antenna and must be mounted on the **left hand side** of the baler as viewed from the back.
2. Carry out this installation with the baler tailgate down.
3. Use the existing top hole for the top bracket.
4. Use the supplied template, or measure down 350mm and drill 10.5mm hole.
5. Secure the two top brackets in place using a spirit level to get them horizontal. Tighten these bolts up. Note there are two types of brackets so make sure you use the appropriate bracket as per the photos below. The flange of the brackets will be at the top for the top bracket and at the bottom for the bottom bracket. This is done to minimize the chances of interference to the microwave signal.
6. Secure the bottom two brackets in place just tight enough to be able to move them around by hand. All of the bracket bolts that go through the baler frame require Nyloc nuts.
7. Hang the two antennas (active on the left side) on the top brackets using the M10 x 30 hex head screws provided (do not fully tightened at this stage). Move the bottom bracket around to line up with the bottom holes in the antenna and secure this in place with the remaining screws. Now tighten up the four antenna screws on each antenna and then tighten up the bottom bracket bolts.



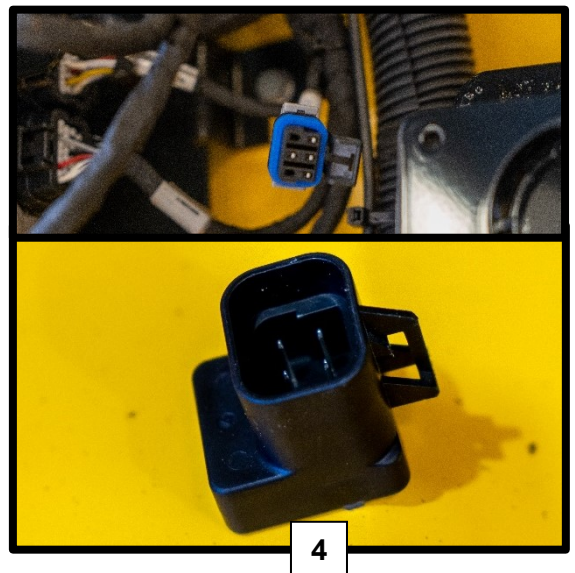
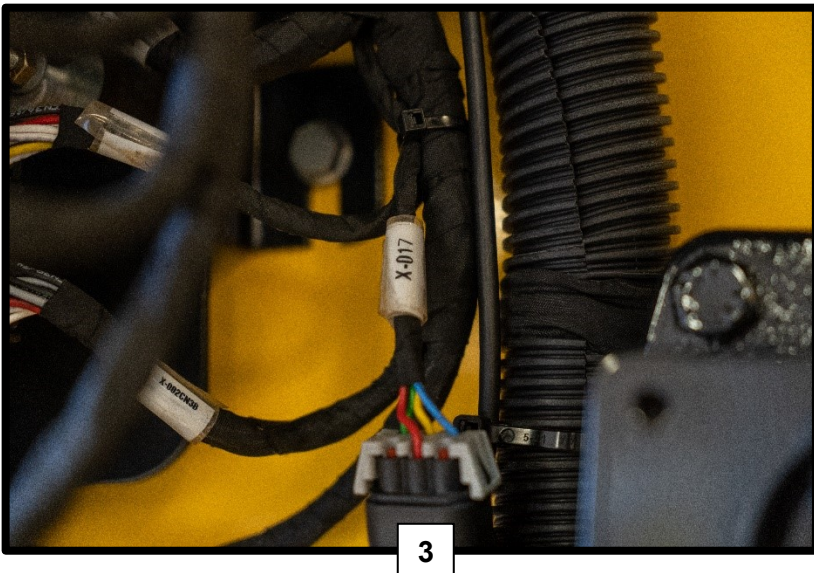
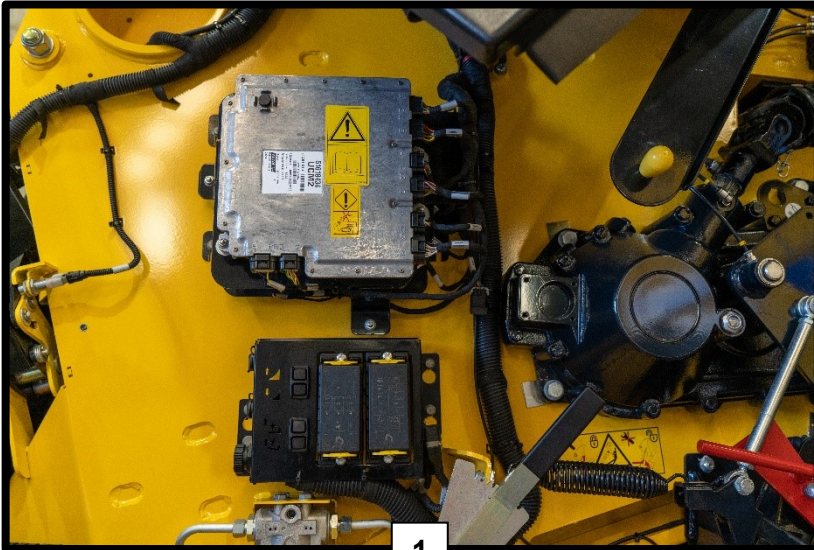
8. Run the flexible conduit that contains the microwave cable over the top of the rear baler frame and present to the antennae. You may need an adjustable wrench to tighten the conduit nut inside the antennae. Secure the conduit in place using large cable ties around the baler frame. Put this cable assembly into each antenna as described in the Model 870 Owner's Manual (**Section 2.2**).

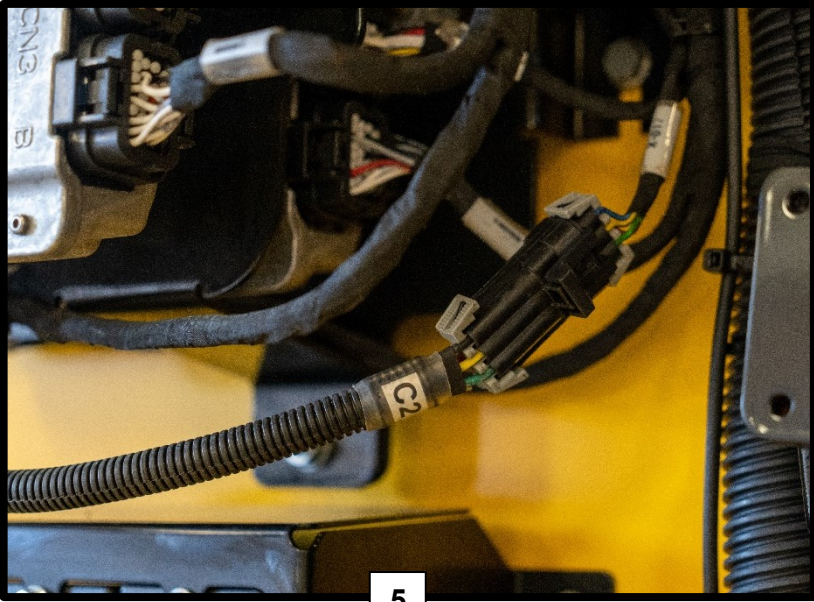


9. Fasten a protection bar to each antenna support frame using the hex head screws supplied. The holes in these protection bars are tapped. Note the extended end goes up on both sides.
10. Install the baler cable from the active antenna to the tractor cabin where the Gazeeka touchscreen is to be installed. When running the cable through the baler, make sure that it is clear of any moving parts, minimising the chance of the cable being damaged during operation. It is best to follow existing cables where possible.
11. Install the Gazeeka touchscreen in the preferred position with the RAM mount and fasteners provided.
12. Do not put the spray cans in at this stage.
13. Refer to the Commissioning/Setup section of the Owner's Manual (**Section 2.3**).
14. For ISObus loom installation, continue to next page.

ISObus Loom Installation (only applicable for 870i units)

Lay 870-E96-R00 (CNH ISObus loom) beside baler on left-hand side. Open the conical front hood and locate baler UCM and auxiliary power box (#1). Plug C3 of the CNH ISObus loom into the auxiliary power socket (#2). Locate ISObus connector "X-017", which is on the right side of the baler UCM (#3). Now remove the terminator and put it to the side (#4). Plug C2 of the CNH ISObus loom into the X-017 ISObus connector (#5). Next, connect C4 of the CNH ISObus loom to the MS connector on the Gazeeka active antenna (#6) and then plug the terminator into C1 of the CNH ISObus loom (#7). Power up Gazeeka and ensure the instrument loads on the ISObus terminal. If ok, power Gazeeka down, disconnect C4 from active antenna and proceed to route through the baler, making sure to avoid any moving parts so as to not damage loom during operation.

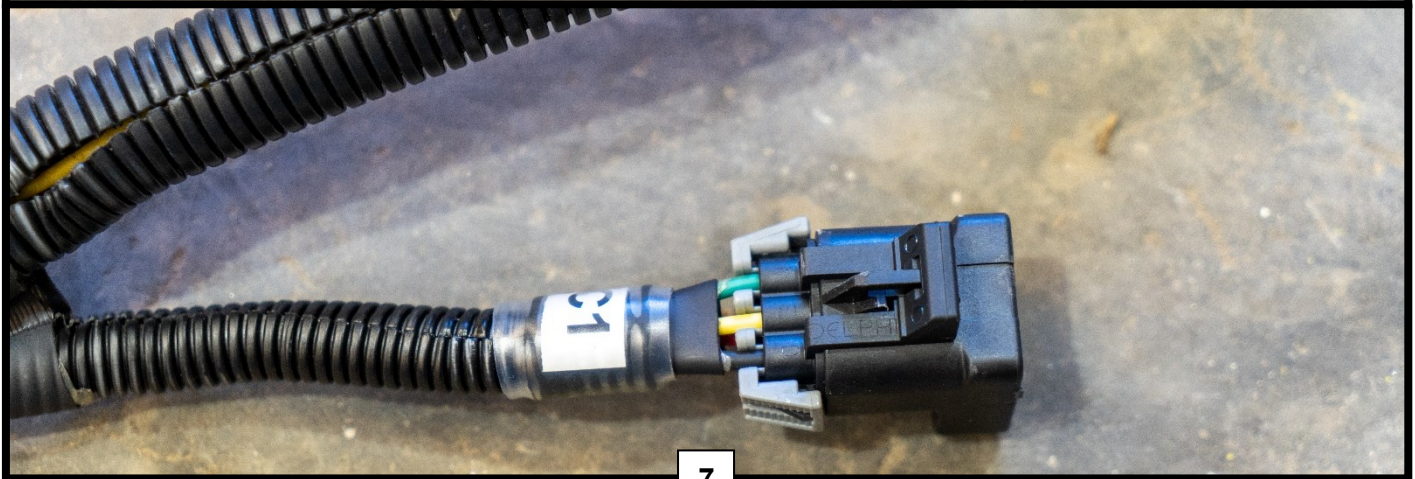
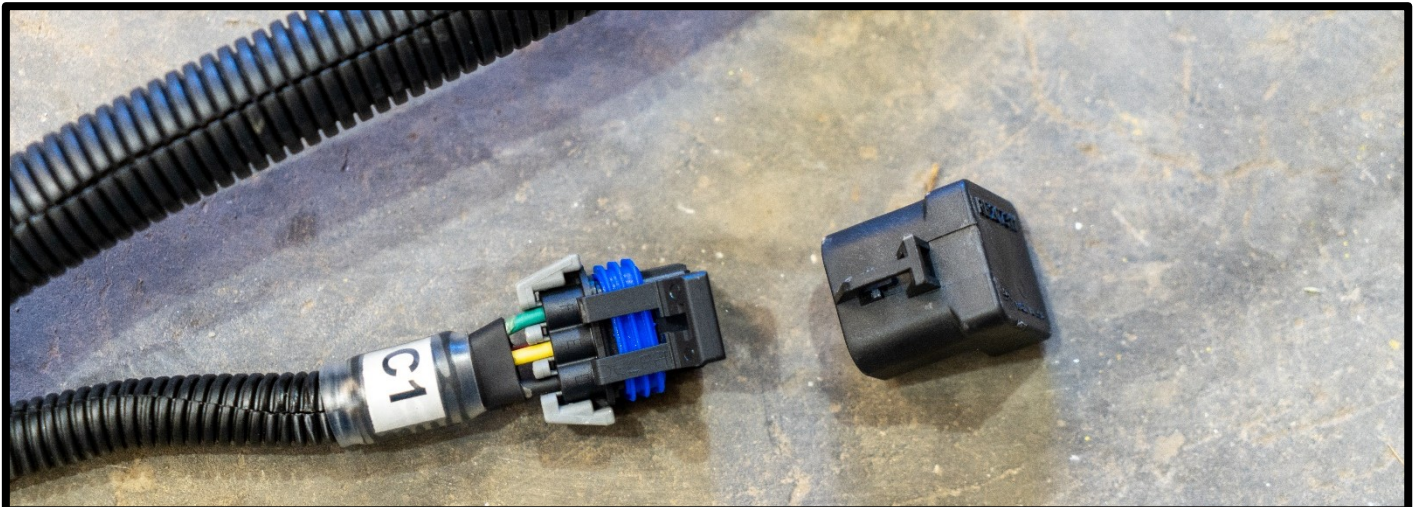




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