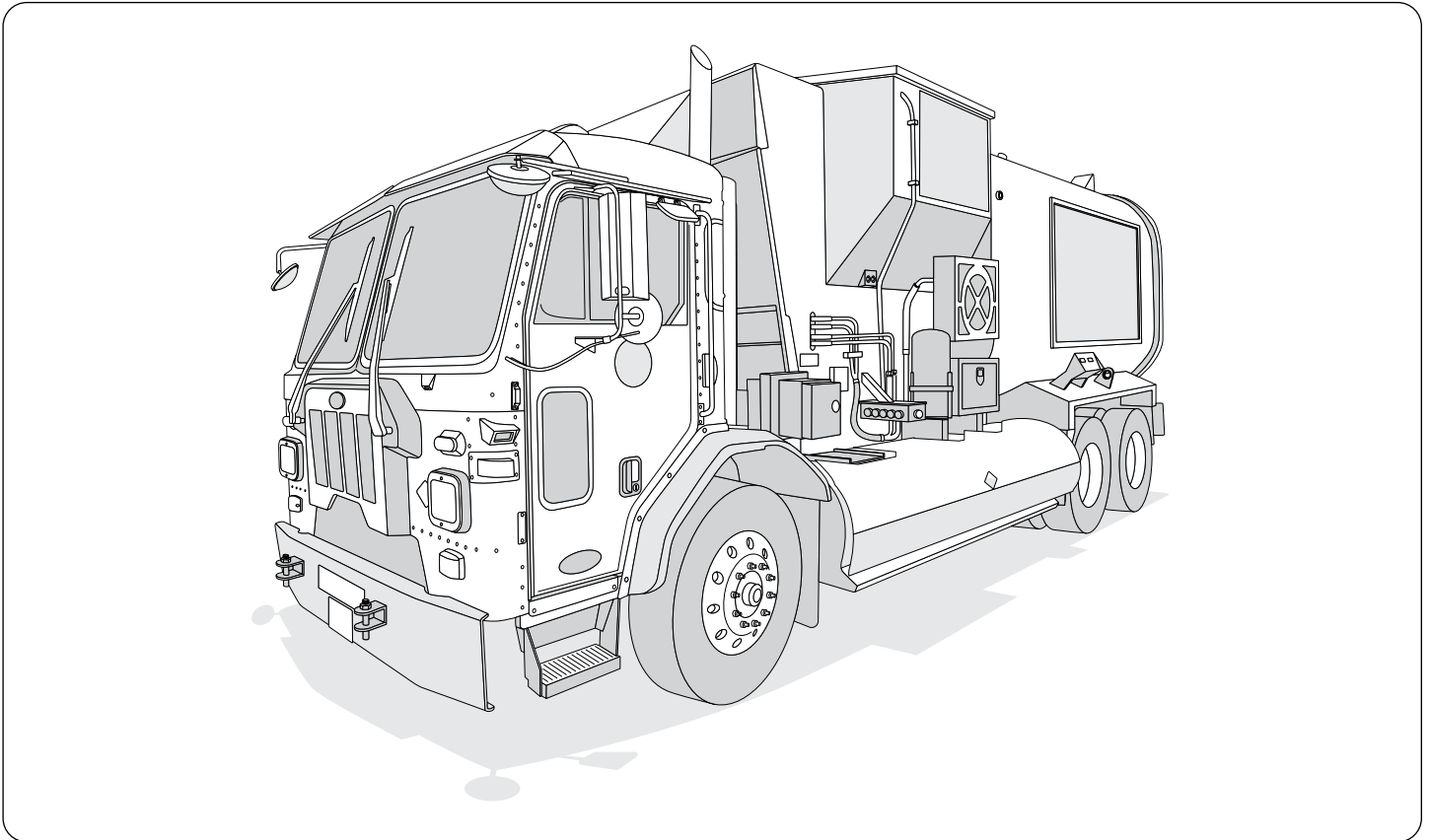


HRN-GS09K2 Installation on AMREP Vehicle

This document explains how to install a GO device in an AMREP vehicle using harness HRN-GS09K2.




HRN-GS09K2 Direct Plug-In Installation

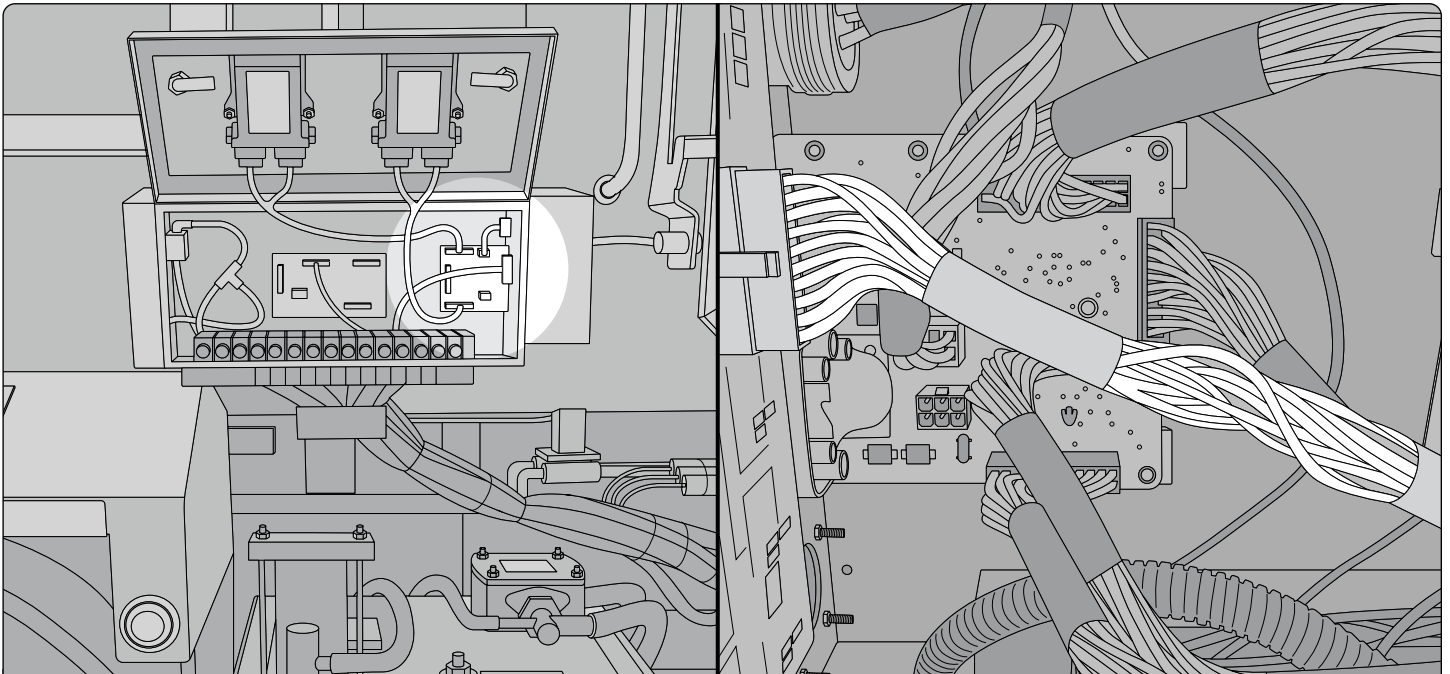
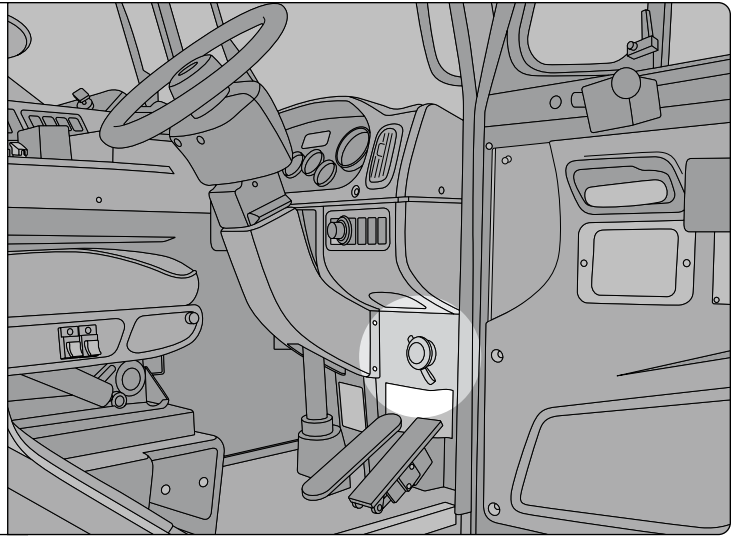
In addition to the GO device, you need the following hardware to complete this installation:

- Harness HRN-GS09K2
- IOX-AUXM
- (! **IMPORTANT:** This cable is NOT PROVIDED) 4-wire cable, approximately 6 meters long. This cable is required to make a connection from the control panel on the side of the vehicle to the GO device near the steering column.

Professional Installation Required — Successful application of this harness/IOX requires sufficient technical knowledge and expertise for the respective installation, i.e. Certified Geotab Installer or equivalent.

 Read important related Safety Information and [Limitations of Use](#) following these installation instructions. The GO device must be disconnected from the vehicle prior to harness/IOX installation. Post harness/IOX installation, connect the GO device, read and follow all [instructions](#) and warnings to prevent serious injury and/or vehicle damage.

Step 1: Locate the engine data connector (a 9-pin Deutsch connector) in the vehicle, either to the left or right of the steering column (varies based on if the vehicle is left or right hand drive).



AE-703
(CIRCUIT BOARD)
SENSOR NETWORK

TO AE-702
(CIRCUIT BOARD)
BODY DISTRIBUTION
SEE PG.8

			P13
1	BROWN	+12 V	1
2	RED	R.DOOR OPEN LIMIT DUMP SW.	2
3	ORANGE	R.DOOR CLOSE WHISKER SW.	3
4	YELLOW	LADDER DOWN PROX.	4
5	GREEN	HOPPER CLOSE SW.	5
6	BLUE	BODY UP SW.	6
7	VIOLET	GND	7
8	GRAY	ARM OUT	8
9	WHITE	CLAMP CLOSED	9
10	BLACK	CART END1 NOT IN USE	10
11	BROWN/WHITE	P.EXTENDED	11
12	RED/WHITE	P.RETRACTED	12
13	ORANGE/WHITE	D.EXTENDED PROX.	13
14	YELLOW/WHITE	D.RETRACTED	14
15	GREEN/WHITE	CART UP1	15
16	BLUE/WHITE	ARM LOCKED	16
17	VIOLET/WHITE	CART UP2	17
18	GREY/WHITE	PRESSURE SW. POS2	18
19	WHITE/BLACK	CART END2 NOT IN USE	19
20	BLACK/WHITE	CART POS1 NOT IN USE	20

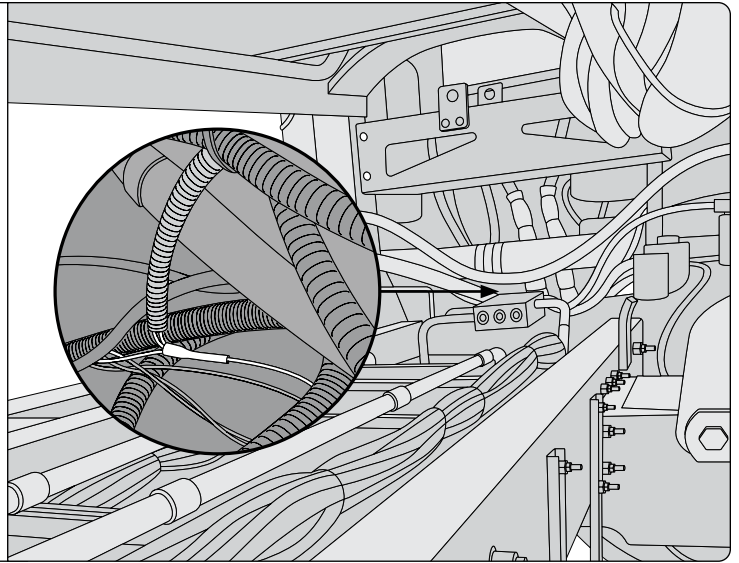
Step 2: Locate the IOX connectors (AUXM) on the control panel, typically located on the curb side of the truck. Refer to the images above and diagram to the left to locate AUX 2, 3, and 4.

AUX 2 (Packer): **Brown/White** – Terminal 11
(Harness at AE-703 Board)

AUX 3 (Arm): **Green/White** – Terminal 15
(Harness at AE-703 Board)

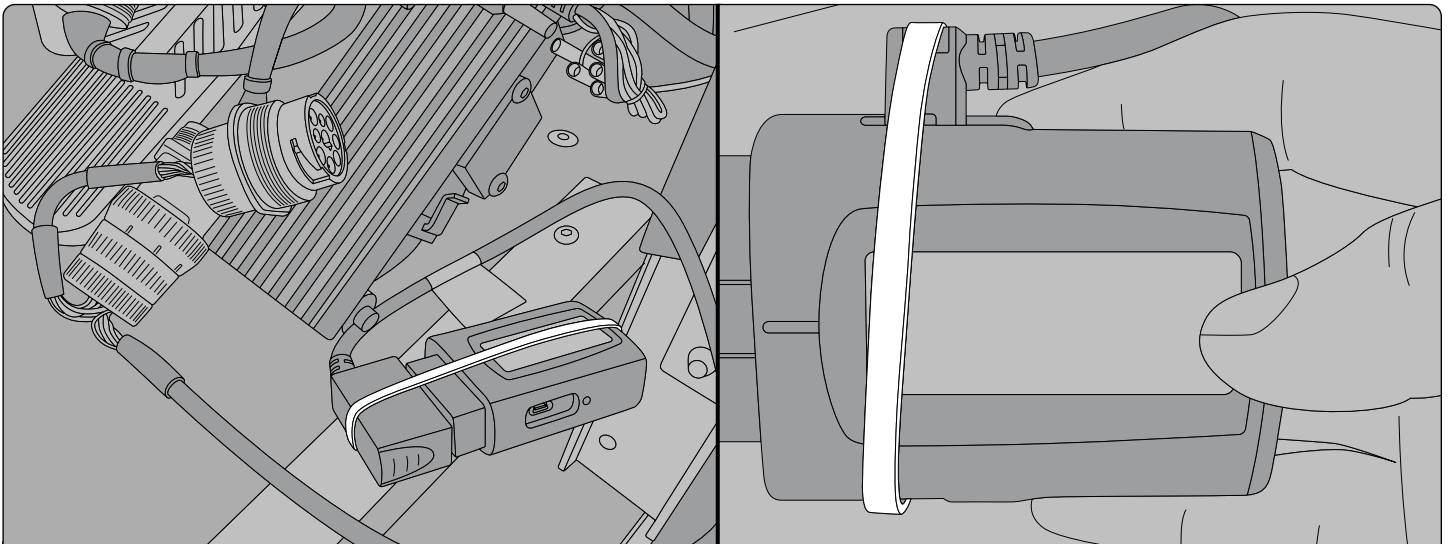
AUX 4 (Tailgate): **Red** – Terminal 2
(Harness at AE-703 Board)

Step 3: Locate the AUX 1 connection for power take off (PTO), validate power ON, and make the connection.



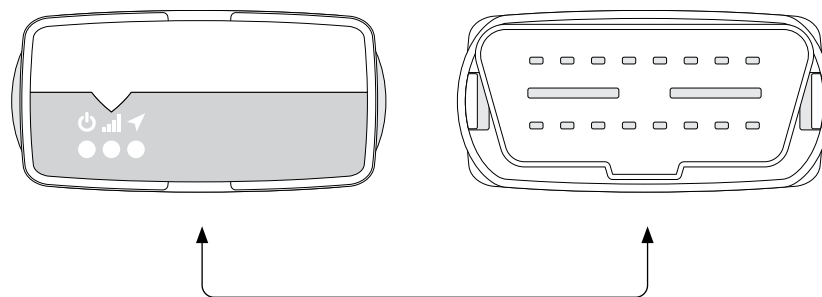
Step 4:

- Now that you have located your engine data connectors and AUX 1, 2, 3, 4, connect the IOX-AUXM to the GO device.
- Connect AUX 1, 2, 3, 4 (shown above) to the 4-wire cable (not provided), run the cable to IOX-AUXM, and connect the 4-wire cable to IOX-AUXM.
- Make sure all connectors are in the OFF state for proper IOX learning process.
- Finally, install HRN-GS09K2 to the engine data connector and connect the GO device to the harness.

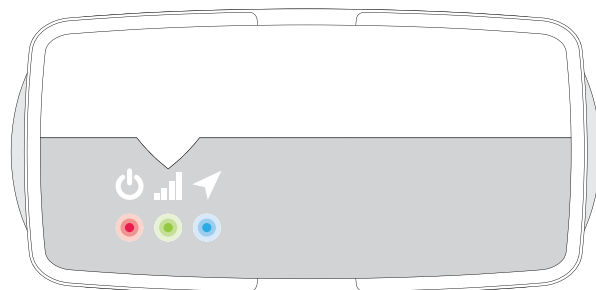


Step 5:

- Secure IOX-AUXM to the GO device using a cable tie.
- Secure HRN-GS09K2 to the GO device using a cable tie



Step 6: Ensure the GPS antenna (located at the “bottom” of the GO device) is facing away from any metal surface. See diagram above.



Step 7:

- To finalize the installation, start the engine, letting it idle. All three LEDs on the GO device will flash briefly. The startup process takes approximately five minutes, and the device will beep during the process.
- Once all three LEDs – **red** (power), **green** (GSM), and **blue** (GPS) – are lit, the unit is connected successfully.
- Validate IOXs connected to the GO device. This can be achieved by validation the status change of the IOX.
- Log on to <https://installmygps.com> and then follow the steps as prompted.