

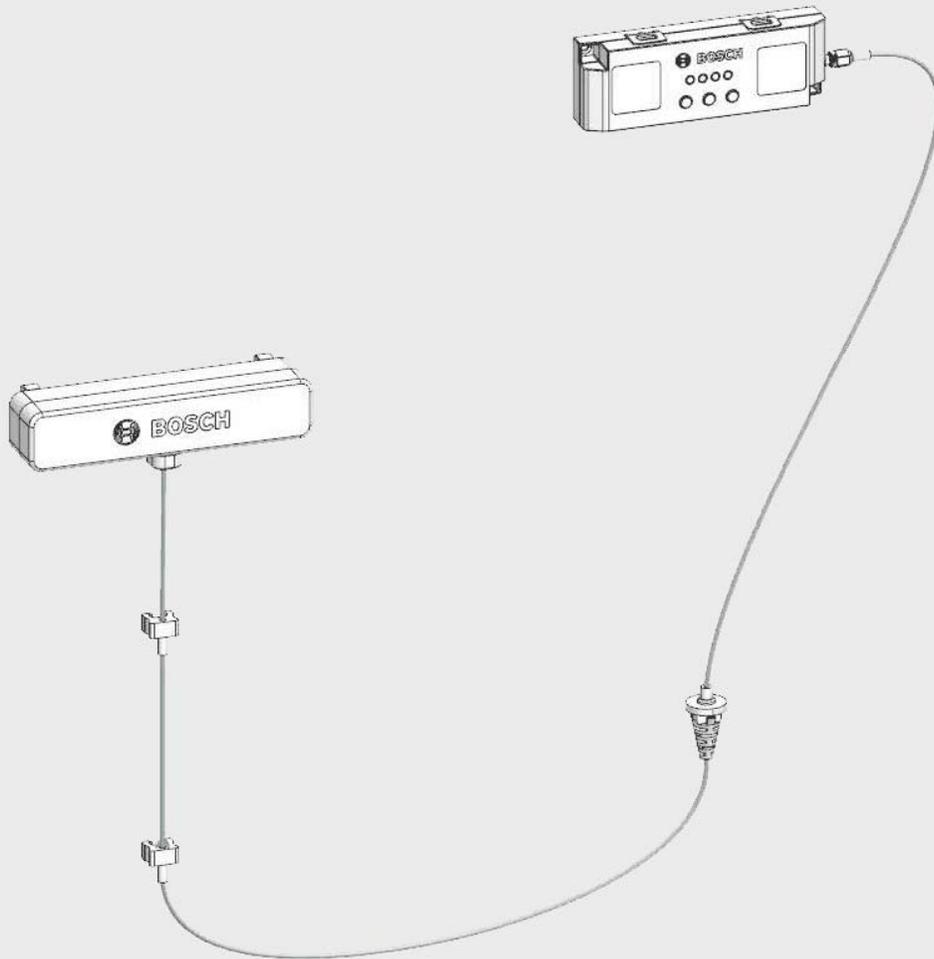


BOSCH

Technical Instructions

Gateway Replacement **Bosch IDS 2.1 BOVB**

3 Ton | 5 Ton



BTC 761702113 A / 12.2021



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1 Key to Symbols and Safety Instructions

1.1 Key to Symbols

Warnings



Warnings in this document are identified by a warning triangle printed against a grey background. Keywords at the start of a warning indicate the type and seriousness of the ensuing risk if measures to prevent the risk are not taken.

The following keywords are defined and can be used in this document:

- ▶ **DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury.
- ▶ **WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.
- ▶ **CAUTION** indicates a hazardous situation which, if not avoided, could result in minor to moderate injury.
- ▶ **NOTICE** is used to address practices not related to personal injury.

Important information



This symbol indicates important information where there is no risk to people or property.

2 Outdoor Unit Model Numbers

The Gateway Assembly is compatible with the following models only:

Bosch Part Number	Bosch Model Number	Description
8733955689	BOVB-36HDN1-M20G	36kBTU, Inverter Condensing Unit
8733955690	BOVB-60HDN1-M20G	60kBTU, Inverter Condensing Unit

Table 1 ODU Models & Part Numbers

3 Components

The following components are included in the gateway assembly:

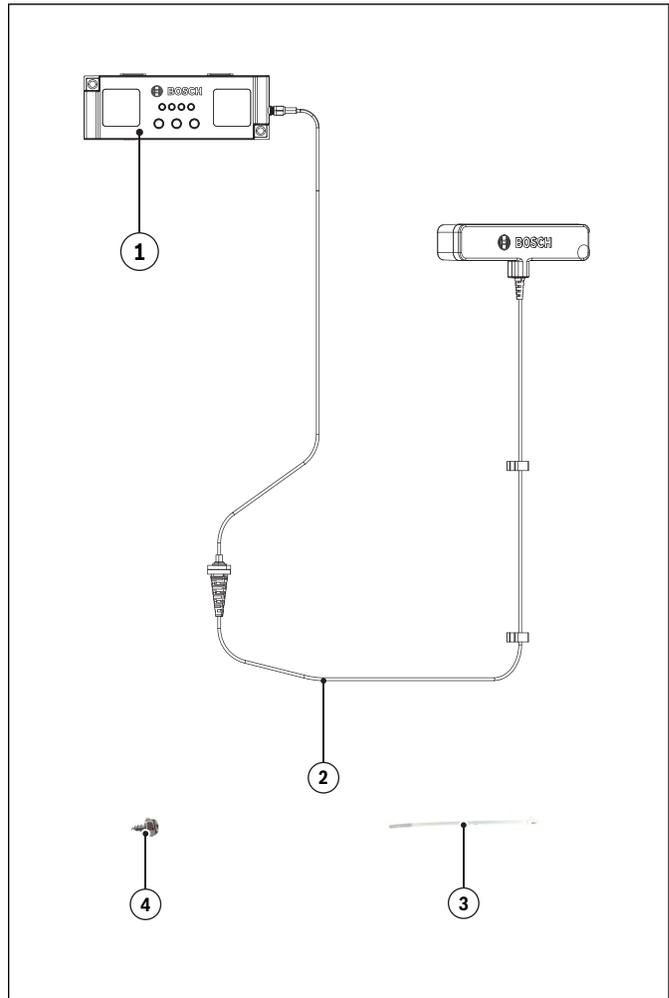


Figure 1 Components

Item	Description	Qty
1	Gateway	1
2	Antenna	1
3	Zip Ties	4
4	Screws	2

Table 2 Gateway Assembly Components

4 Replacement Instructions

1. Turn off power to the unit and wait at least 3 minutes.



WARNING: HAZARDOUS VOLTAGE 380 VOLTS DC

- ▶ Wait 3 minutes after disconnecting power, then verify DC voltage is less than 43 VDC at inverter test points P-N.
- ▶ Components may store a dangerous electrical potential of 380 Volts DC. Failure to follow these instructions could result in personal injury or death.

2. Remove the access panel to the control board (Figure 2). Keep Screws for re-use.

NOTICE: PRODUCT DAMAGE

- ▶ Do not directly touch the components on the main board to avoid static electricity damage.

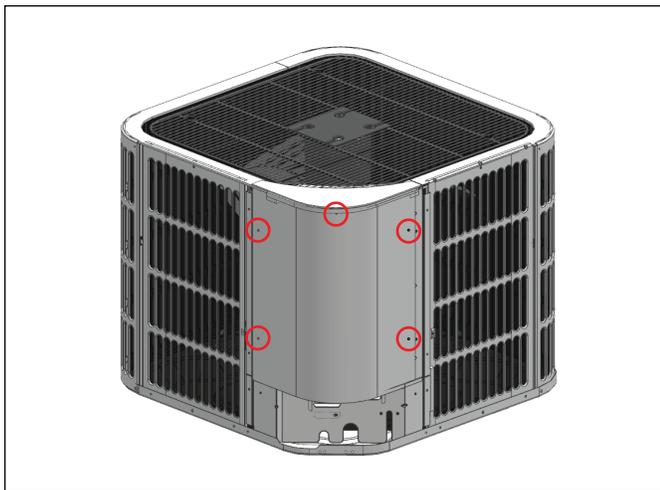


Figure 2 Control Board Access

3. Cut the 3 zip-ties securing the wires on the right of the control board.
4. Remove the antenna cable strainer from the bottom panel by pushing up from the bottom of the strainer (Refer to Figure 3).

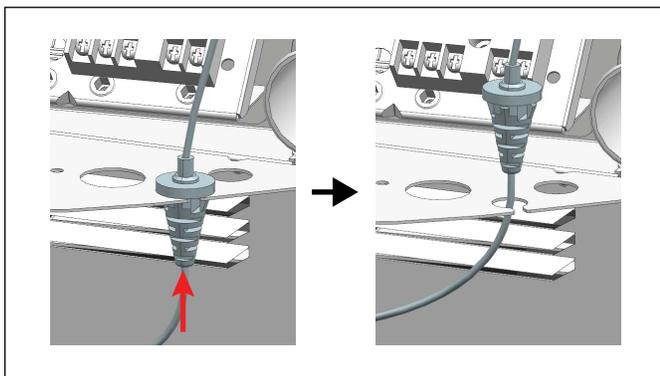


Figure 3 Remove Antenna Cable Strainer

5. Remove the antenna cable clips from the vertical louvers by rotating them about the louver (Refer to Figure 4).

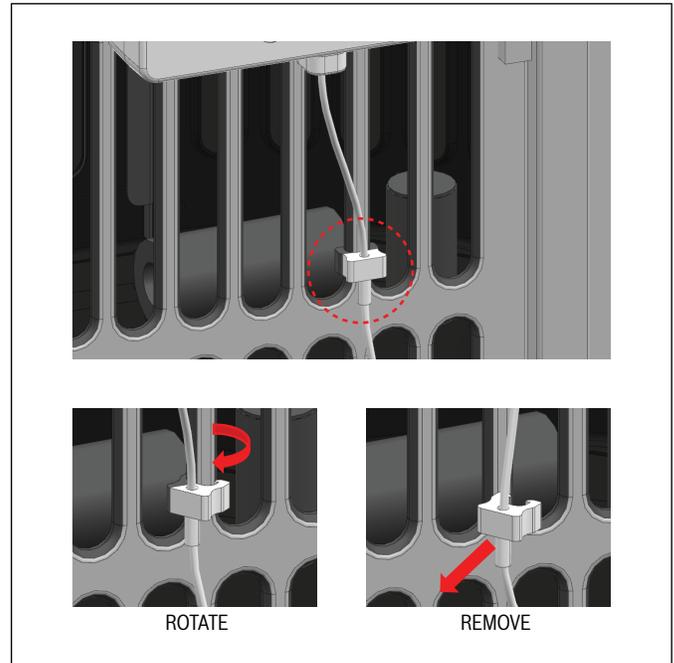


Figure 4 Antenna Cable Clip Removal

6. Remove the antenna from the louver by pushing up from the bottom corners of the antenna at the same time (Refer to Figure 5).

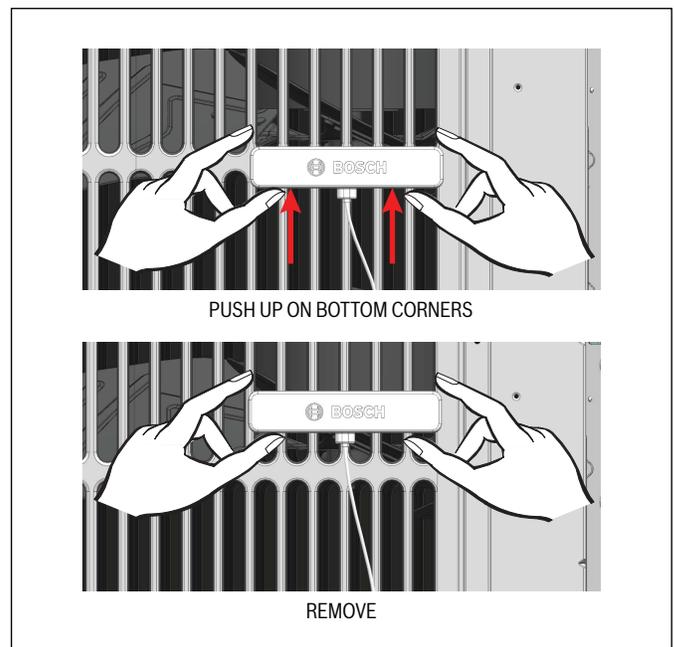


Figure 5

- Unplug the cable connecting the gateway to the control board located on the top right of the electrical box (Refer to Figure 6).



Figure 6

- Uninstall the Gateway by removing the 2 screws (Refer to Figure 7).

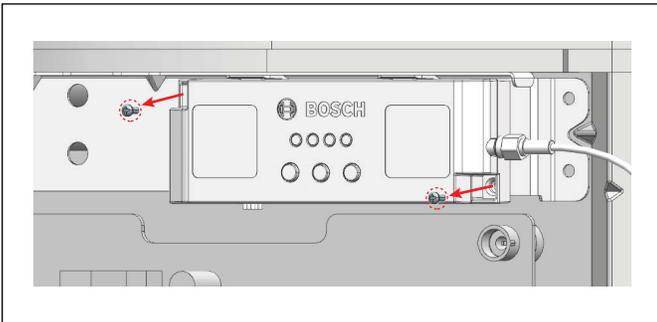


Figure 7

- Old Gateway and Antenna assembly should be completely removed. Proceed to Step 10.

- Center and install new antenna on the 3rd louver by lining up the antenna with the grills in parallel and pushing down on the top of the antenna. Ensure the antenna is installed away from any walls (Refer to Figures 8 & 9).

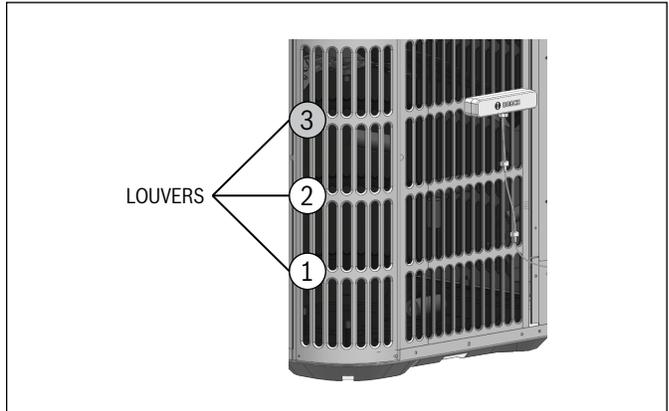


Figure 8

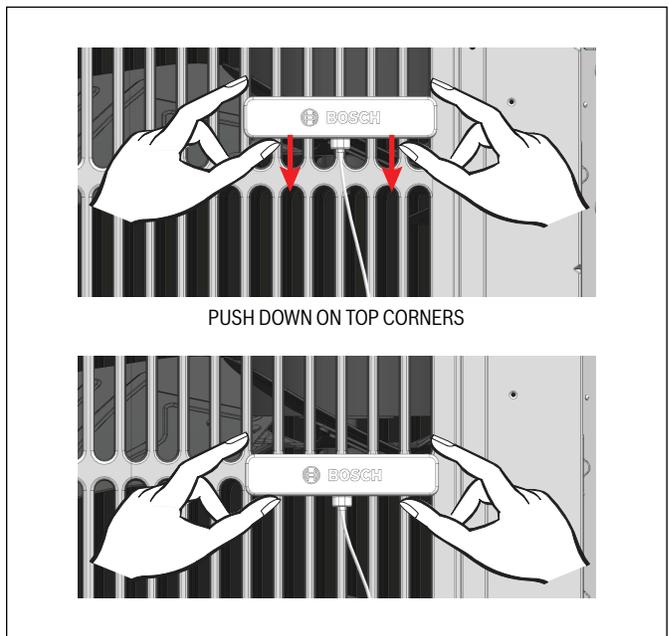


Figure 9

- Install the new Gateway on the unit using 2 screws (Refer to Figure 10).

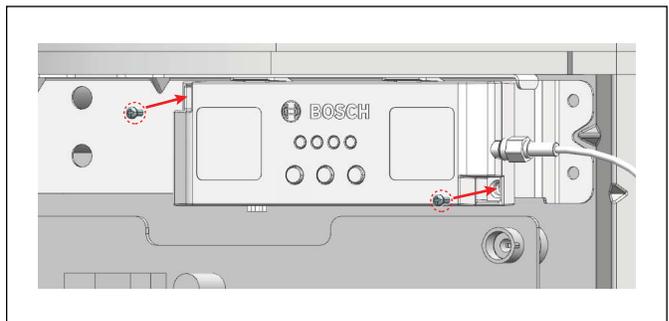


Figure 10

12. Plug in the cable connecting the gateway to the control board fully into the green connector (Refer to Figure 11).



Figure 11

13. Run the antenna cable through the middle hole as shown below and push down on the cable strainer until it snaps into place (Refer to Figure 12).

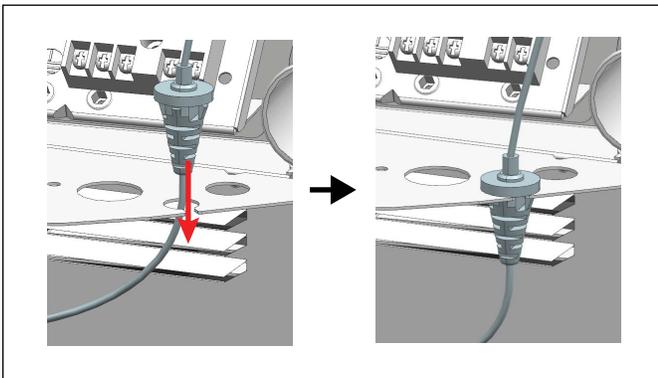


Figure 12

14. Bundle the wires on the right of the control board by feeding the zip-ties through the three loops on the E-box and cut off the excess zip-tie ends (Refer to Figure 13).



Figure 13

15. Attach the two antenna cable clips to the vertical louvers to secure the cable to the unit (Refer to Figure 14).



Ensure there is no excess tension on the cable.

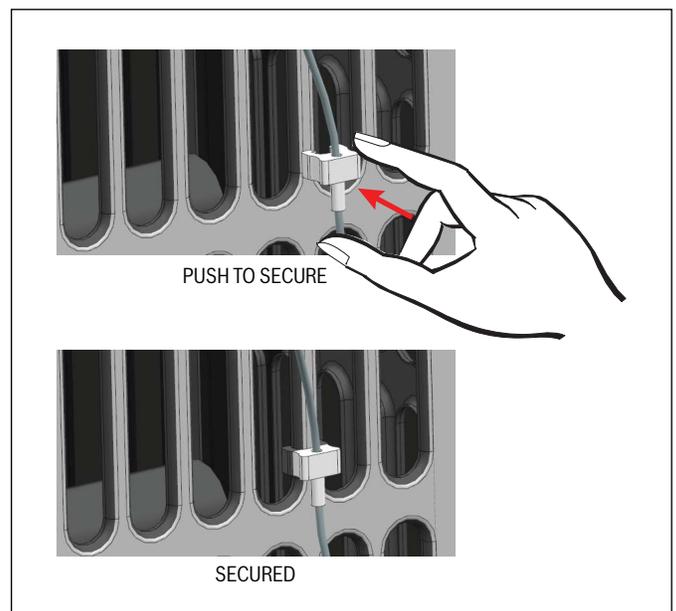


Figure 14

16. Double check all wire connections, grounding, and screw positions before powering the unit ON.
17. Power ON the unit and proceed to the Bosch EasyAir App to set up the Gateway.

- 18. Open the Bosch EasyAir App. If you do not have the Bosch EasyAir app, scan the QR code below to download the app.



Figure 15

- 19. Once in the Bosch EasyAir App, sign in or create a Bosch Account.
- 20. Select the IDS Outdoor Unit by clicking it on your map or list view (Home), which will bring you to the Unit Dashboard.

i If you do not see the IDS Outdoor Unit on your map or list view and you **ARE** part of a company, reach out to the admin to get access to this IDS Outdoor Unit.

i If you do not see the IDS Outdoor Unit on your map or list view and you **ARE NOT** part of a company, refer to Installation and Operation Manual (IOM) for guidance on adding the unit in the app.

- 21. Tap on the three vertical dots located on the top right of the screen and tap on Replace Gateway (Refer to Figure 16).

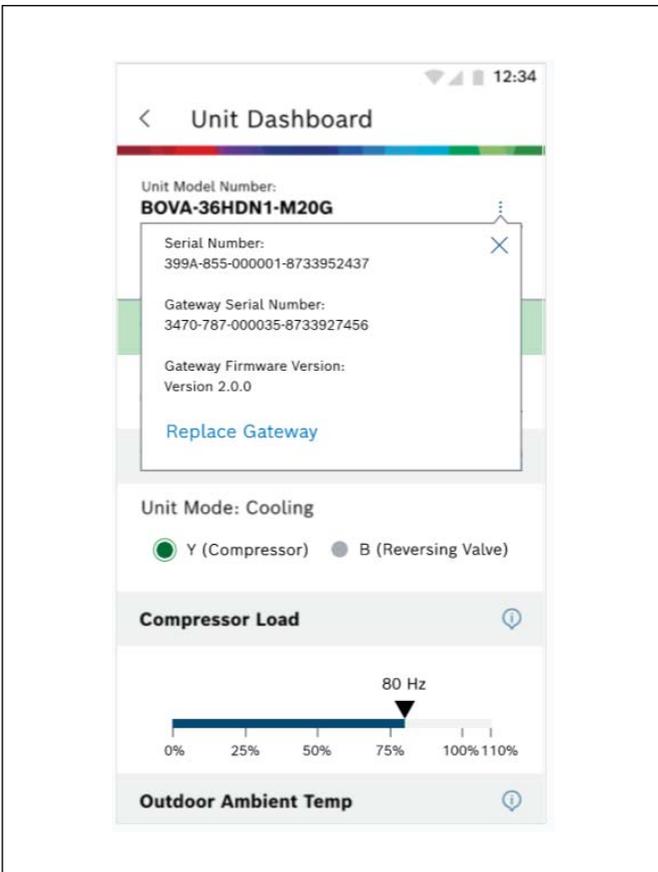


Figure 16

- 22. Scan the New Gateway's QR Code, or manually enter the requested information found on the left side of the Gateway (Refer to Figure 17).

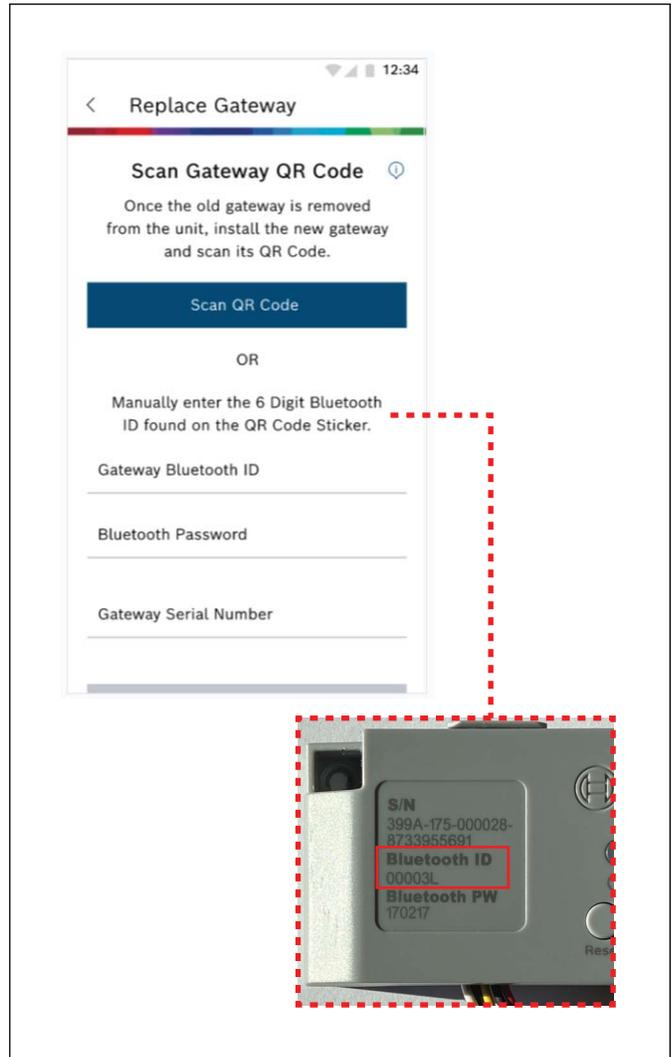


Figure 17

23. The Gateway has been successfully replaced once you see the success screen (Refer to Figure 18).

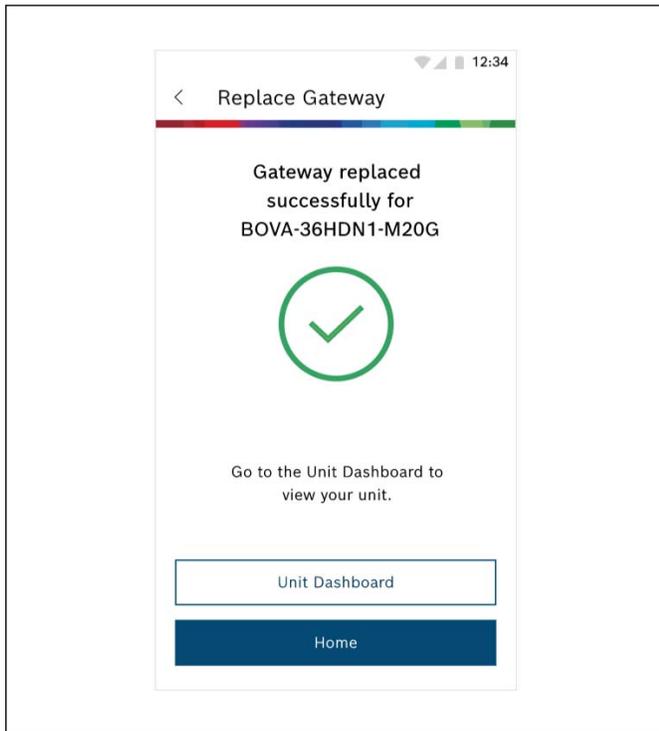


Figure 18

24. Tap "Unit Dashboard". Confirm the S/N on the Gateway matches the Serial Number in the Bosch EasyAir App by tapping the 3 vertical dots at the top of the Unit Dashboard (Refer to Figure 19).

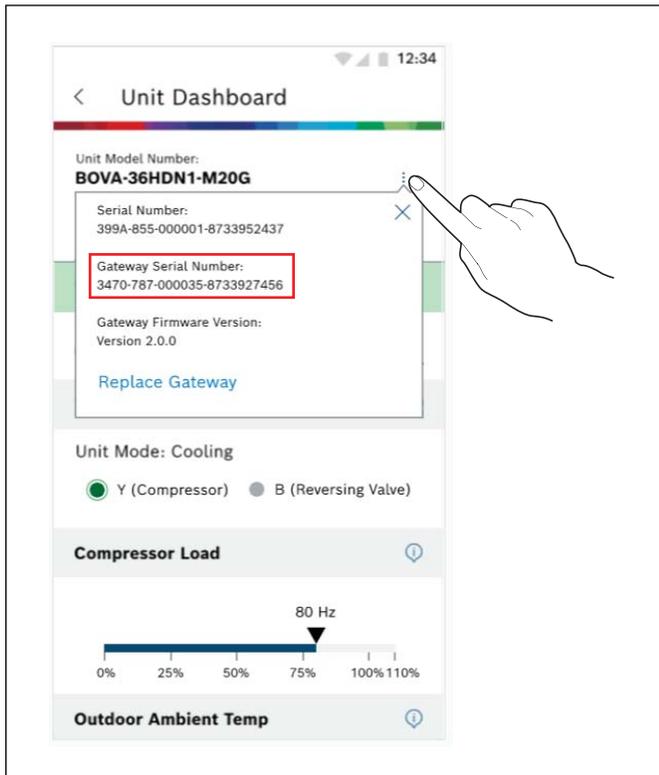


Figure 19

25. Tap on "System Data" and follow Bluetooth connection instructions (Refer to Figure 20).

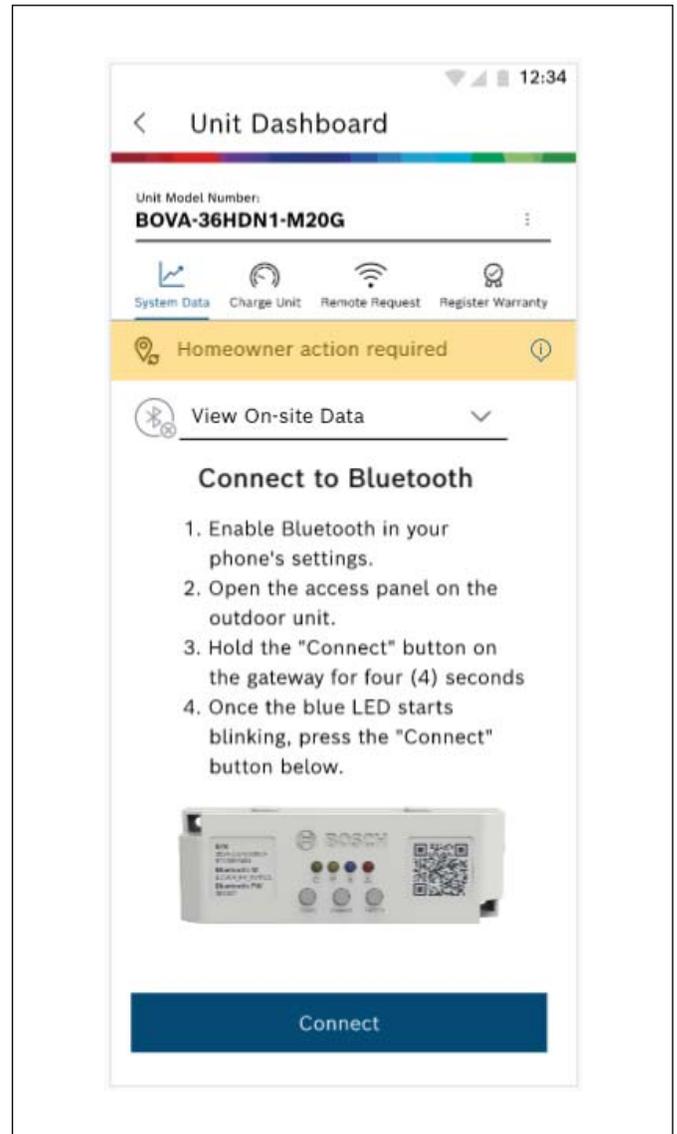


Figure 20

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BTC 761702113 A / 12.2021

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