# PAIRING A BRUSH HEALTH SENSOR (BHS)

1) Touch the brush location icon on the screen where the sensor will be installed.
This will display the Brush Detail Screen. To exit the brush detail screen, simply tap anywhere outside of it.

2) Touch "Press to Pair New Sensor" on the screen

3) Press the rubber button on the BHS shown in in the graphic below; one short press.
A confirmation message will appear if successful.

Sensor not pairing? Follow these steps:
- If a confirmation message does not appear, that sensor could be paired to another location.
- You can check if the sensor is paired somewhere else by following the first FAQ question below.
- If you want to relocate the sensor to a different holder or location, or have confirmed the sensor is not paired with another location, simply unpair the sensor and repeat the pairing process.
- Still unable to pair the sensor? Submit a support request at Cutsforth.com/Support

UNPAIRING A BHS

BHS BUTTON

1) Press & hold the button on the BHS on for ~3 seconds

2) Sensor is unpaired once the light located on the sensor, opposite side of the button, flashes 3 times
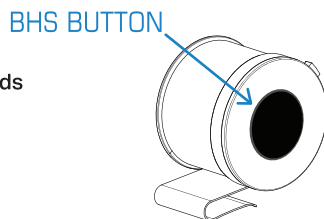
CHANGING BRUSHES

Follow all standard EASYchange® brush changing steps with the exception being, you will not replace the spring with each brush since the spring is integrated with the BHS.
Visit Cutsforth.com/BrushChange for video instructions.

Reminder: After the replacement brush is installed into the holder; short press the BHS button one time, to reset the brush length data.

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Acme Generation Station
GE - 7F - 2B
2019-08-05 01:17 PDT

CONFIG

GENERATOR SIDE

2.5	3	2.1	4	0.8	2		2.9	4	3.2	3	7.8	2
65%		22%		80%			28%		43%		40%	
105F	1A	95F	2A	95F	3A		97F	4A	89F	5A	91F	6A
1.0	5	3.2	4	2.1	1		3.1	3	2.8	3	2.8	3
0%		67%		75%			91%		88%		49%	
85F	1B	89F	2B	91F	3B		98F	4B	100F	5B	101F	6B
6.0	4	6.3	4	7.0	1		6.2	6	6.4	7	6.2	6
45%		100%		65%			81%		59%		62%	
86F	1C	97F	2C	108F	3C		88F	4C	98F	5C	102F	6C
2.5	3	2.0	4	3.3	2		3.2	2	2.8	1	3.1	5
68%		87%		95%			52%		19%		44%	
89F	1D	96F	2D	88F	3D		92F	4D	102F	5D	105F	6D

BRUSH LOCATION ICON

A **Brush Vibration/Displacement** (Mils Peak-to-Peak)

B **Usable Brush Life Remaining**

C **Temperature** (Peak Average)

D **Average Wear Rate** (Mils Per Day)

E **Location**

A → 2.1	1 ← D
B → 75%	
C → 91F	3B ← E

FREQUENTLY ASKED QUESTIONS

How can I confirm if a sensor is already paired and where it is paired to?
Return to the main screen of the controller, single press the button on the BHS sensor in question and that sensor's brush location icon will flash with a blue border for a few seconds. If none of the brush location icons flash, that sensor is not paired to any of the brush location icons.

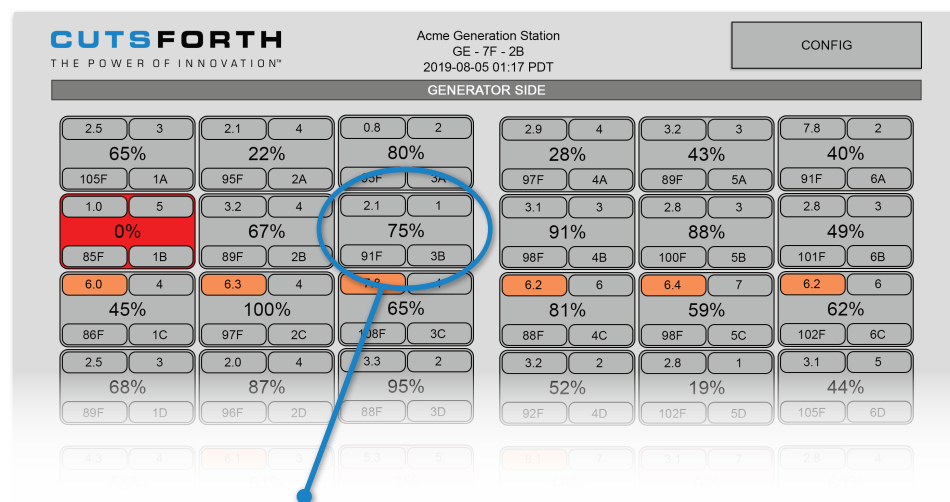**Can a new BHS be installed on a used brush?**
Yes, both new BHS and used BHS with battery life remaining can be installed on new and partially used brushes alike. Remember to, in both cases, single press the sensor button after the sensor and brush are installed in the holder, before it is installed onto the generator, to reset the brush length data.

How long does a BHS battery last?
The expected battery life of the sensors is 2-4 years but may vary depending; primarily on environmental temperature and secondarily on the set measurement intervals. The brush location icon will show a low battery warning roughly 30 days prior to the end of the BHS battery life. The storage battery life is roughly 10 years.
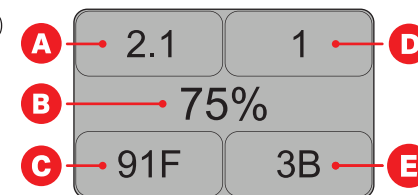
What is the "Clear Brush Length Warnings" button on the brush detail screen for?
When a brush length gets below the user-set threshold set in the CONFIG screen, that brush location icon will turn red and an exclamation point will flash. Pressing this button will clear the warning until the next time the brush measures low.

What do the different color warnings mean?
Section **A** *will turn orange when the vibration/displacement threshold is exceeded, which is set in the CONFIG screen under "Displacement Fault".*

Section **B** *will turn pink when the usable brush life goes below the "Brush Alert Length" threshold, also set in the CONFIG screen. Then this section will turn red once the brush exceeds it's usable life (0%).*

What do I do if I see "No Data" on a brush location icon?
Attempt the following troubleshooting steps in this order:

1) *Press the button on the associated sensor once, and watch the BCM screen to see if the location in question updates with data within a few seconds.*

2) *Unpair and re-pair the BHS following the instructions above then wait for the measurement interval to pass (default is one hour) to see if the location begins showing data.*

3) *If steps 1-2 are not successful, please submit a support request at Cutsforth.com/Support*

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