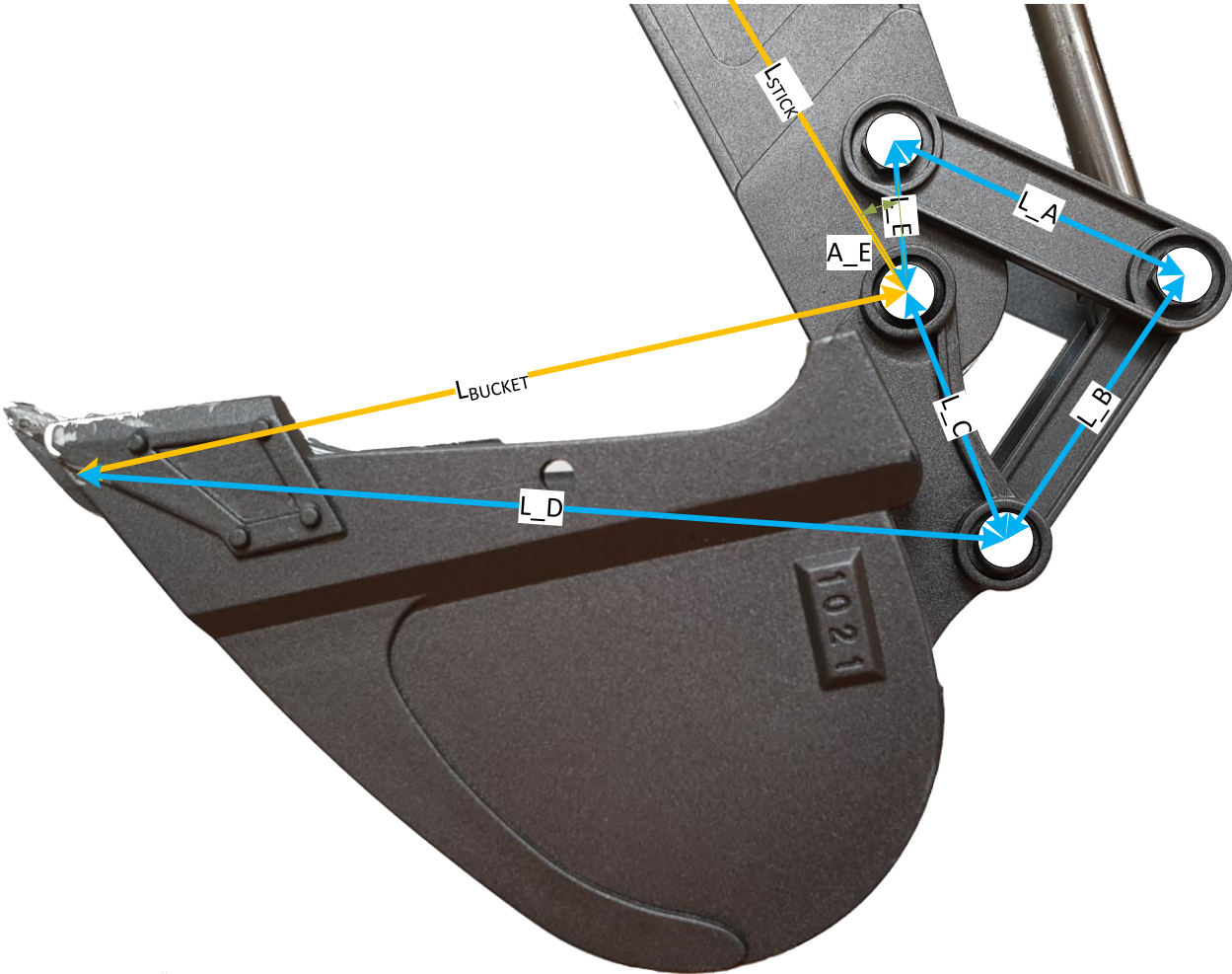
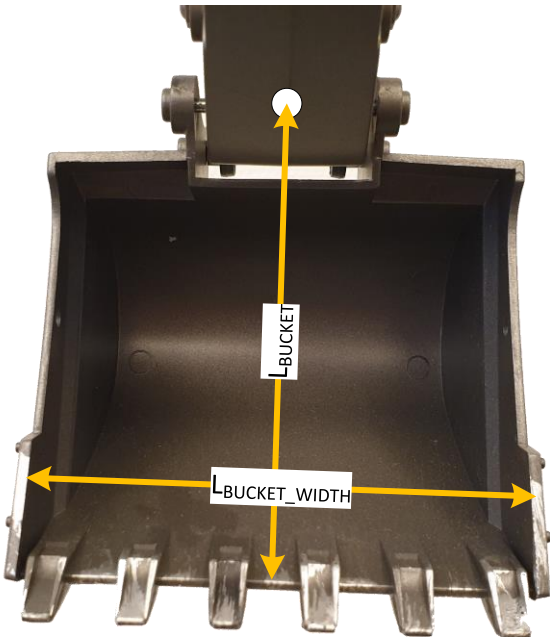
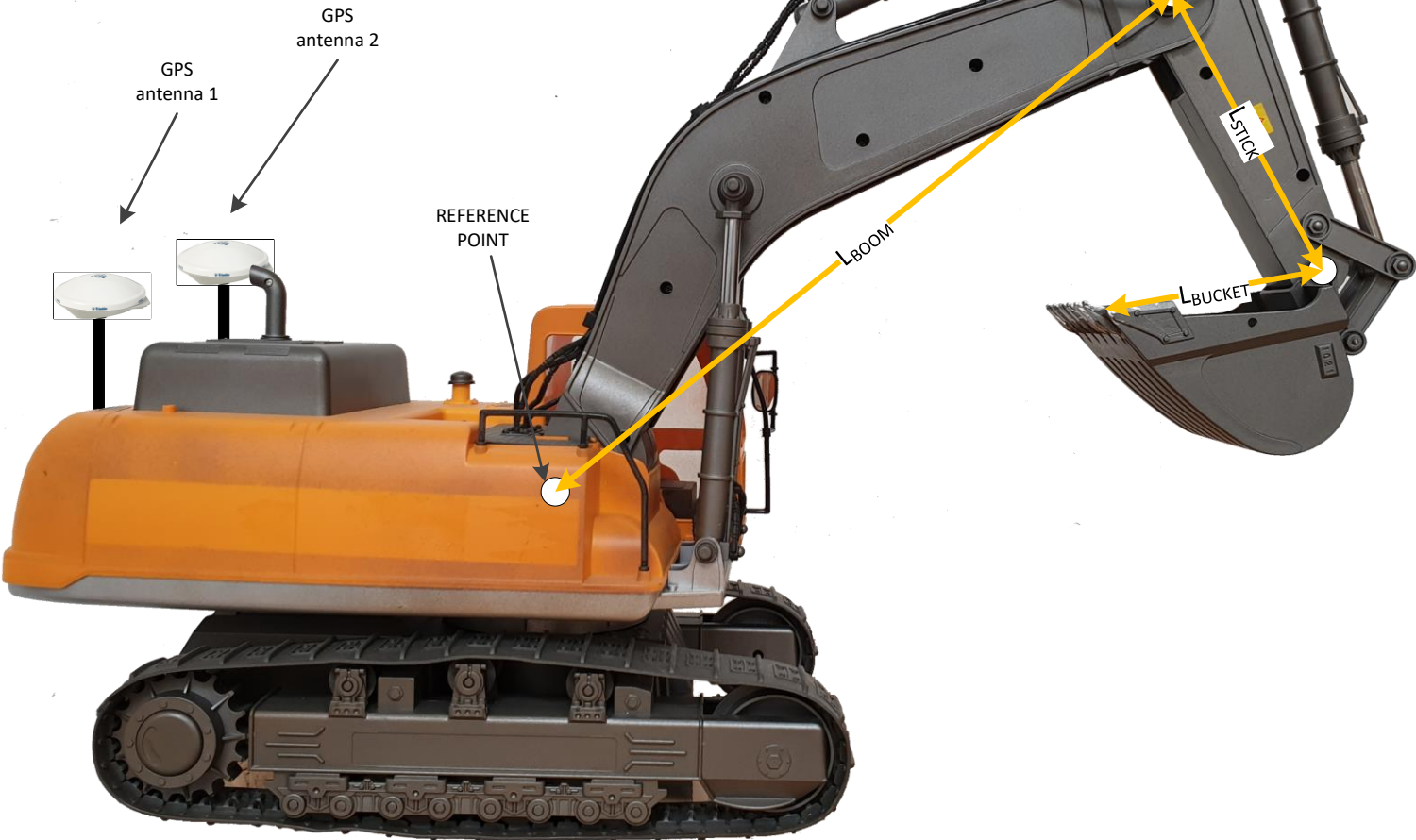


Excavator Length Measurements



Measurements:

- L\_BOOM: Length of boom
- L\_STICK: Length of stick
- L\_BUCKET: Length of bucket
- L\_BUCKET\_WIDTH: Width of bucket
- L\_A: Length of dogbone
- L\_B: Length of lower dogbone
- L\_C: Length between between mounts
- L\_D: Length between lower dogbone and bucket tip
- L\_E: Length between stick mounts
- A\_E: Angle offset between E and L\_STICK

- GPS antenna 1 X, Y, Z: Distance to antenna bottom from Reference point in X, Y, Z
- GPS antenna 2 X, Y, Z: Distance to antenna bottom from Reference point in X, Y, Z
- Excavator pitch: Excavator body pitch in degrees at the time of measuring
- Excavator roll: Excavator body roll in degrees at the time of measuring
- Boom angle: Angle between boom and water level in degrees
- Stick angle: Angle between stick and water level in degrees
- Bucket angle: Angle between bucket dogbone and water level in degrees

1.0	06/05-19	Document created	MKR	MKR	Project title: Bucket excavator	
1.1	08-02-2022	Added extra elements	BEV	MKR	Sheet title: Measuring points	Rev: 1.2
1.2	24-01-2024	Added extra elements	MKR	MKR	Project no: 20190001	Date: 24/1-2024
					Made by: MKR	Appr by: MKR
Rev no	Date	Change	Made by	Appr by	Drawing no: 20190506 bucket excavator	



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