

EXCAVATOR STICK MEASUREMENTS GUIDE

H&R Construction Equipment Parts | hrparts.com | 800-333-0650

Instructions:

To measure your stick for a replacement you will only need a measuring tape. Mark your measurements on this document. If in doubt, call an H&R Parts Specialist for assistance and help locating your stick.

For best and most accurate results, measure pin hole diameter in millimeters.

Measurements

Bucket Connection Pin Hole Diameter | PH1

Measure the diameter of one of the pin holes that is used to connect the bucket to the stick.

Bucket Link Connection Pin Hole Diameter | PH2

Measure the diameter of one of the pin holes that is used to connect the bucket link to the side of the stick.

Bucket Cylinder Connection Pin Hole Diameter | PH3

Measure the diameter of one of the pin holes in a pin ear that is used to connect the bucket cylinder to the stick.

Boom Connection Pin Hole Diameter | PH4

Measure the diameter of one of the pin holes that is used to connect the boom to the stick.

Stick Cylinder Connection Pin Hole Diameter | PH5

Measure the diameter of one of the pin holes in a pin ear that is used to connect the stick cylinder to the stick.

Bucket Connection Pin Hole to Bucket Cylinder Connection Pin Hole Distance | A

Measure the distance from the center of one of the bucket connection pin holes to the center of one of the bucket cylinder connection pin holes.

Boom Connection Pin Hole to Stick Cylinder Connection Pin Hole Distance | B

Measure the distance from the center of one of the boom connection pin holes to the center of one of the stick cylinder connection pin holes.

Measurements Continue 

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Measurements

Bucket Connection Pin Hole to Bucket Link Connection Pin Hole Distance | **C**

Measure the distance from the center of one of the bucket connection pin holes to the center of one of the bucket link connection pin holes.

Working Length | **WL**

Determine the working length of the stick by measuring from one of the pin holes used to connect the bucket to the stick to the center of one of the pin holes used to connect the boom to the stick.

Bucket Cylinder Connection Pin Ears Inside Width | **PE1**

Measure the inside width of the pin ears on the upper side of the stick where the bucket cylinder will connect to the stick.

Stick Cylinder Connection Pin Ears Inside Width | **PE2**

Measure the inside width of the pin ears on the side nearest the machine where the stick cylinder will connect to the stick.

Width of Stick Where Stick Pins to Bucket | **BuW**

Measure the width of the stick at the spot where the bucket will be pinned to the stick.

Width Of Stick Where Stick Pins To Boom | **BoW**

Measure the width of the stick at the spot where the stick will pin to the boom.

Continue to Diagrams 

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Excavator Stick [Side]

Bucket Connection Pin Hole Diameter | **PH1**

Bucket Link Connection Pin Hole Diameter | **PH2**

Bucket Cylinder Connection Pin Hole Diameter | **PH3**

Boom Connection Pin Hole Diameter | **PH4**

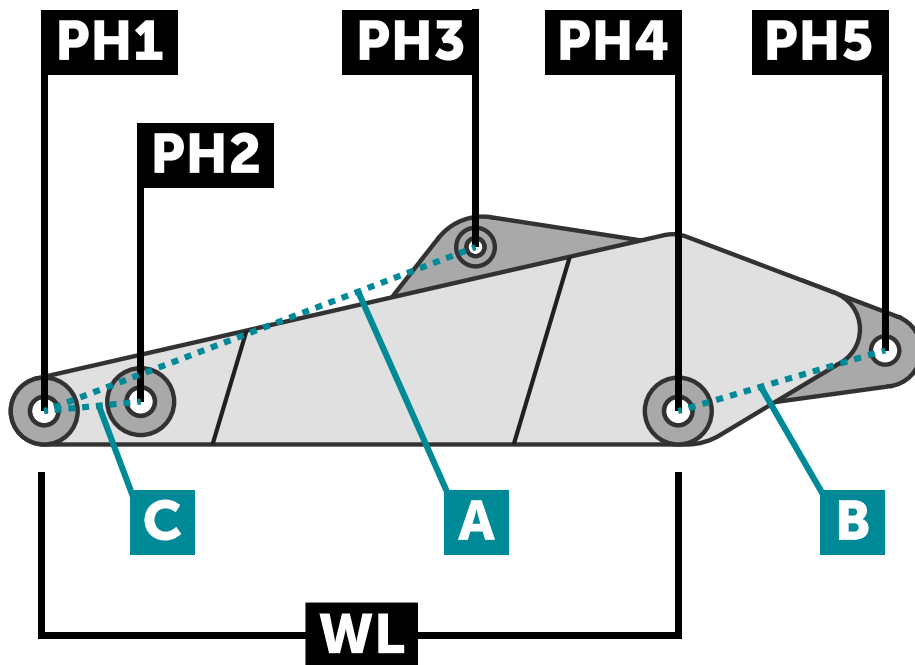
Stick Cylinder Connection Pin Hole Diameter | **PH5**

Bucket Connection Pin Hole to Bucket Cylinder Connection Pin Hole Distance | **A**

Boom Connection Pin Hole to Stick Cylinder Connection Pin Hole Distance | **B**

Bucket Connection Pin Hole to Bucket Link Connection Pin Hole Distance | **C**

Working Length | **WL**



Diagrams Continue 

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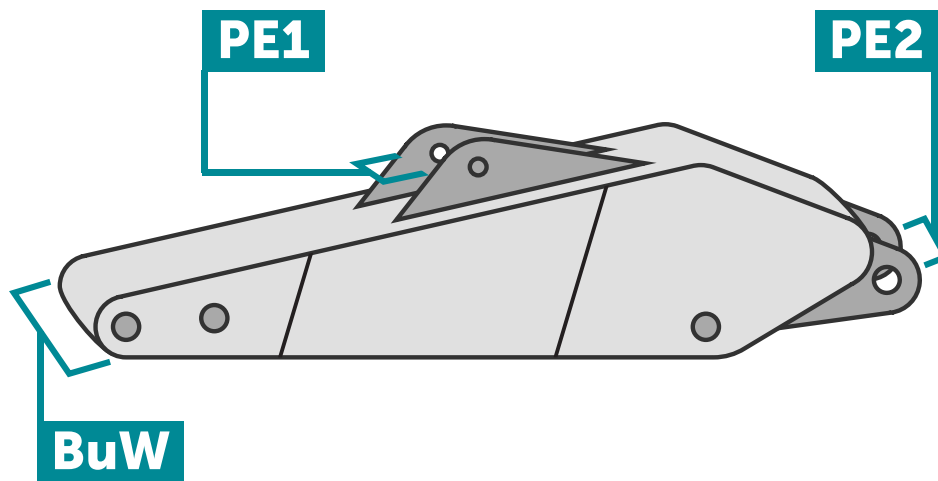
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Excavator Stick [Side / Top Angled]

Bucket Cylinder Connection Pin Ears Inside Width | **PE1**

Stick Cylinder Connection Pin Ears Inside Width | **PE2**

Width of Stick Where Stick Pins to Bucket | **BuW**



Excavator Stick [Side / Bottom Angled]

Width Of Stick Where Stick Pins To Boom | **BoW**

