

LOADER BUCKET MEASUREMENTS GUIDE

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

Instructions:

To measure your bucket for a replacement or supplementary bucket you will only need a measuring tape. Dimensions not marked "Required" will help in determining the capacity of your current bucket. **For best and most accurate results, measure pin hole diameter in millimeters.**

Measurements

Lower/Outside Pin Hole Diameter (Required) | PH1

Measure the diameter of one of the lower/outside pin holes that is used to connect the bucket to the loader boom.

Upper/Center Pin Hole Diameter (Required) | PH2

Measure the diameter of one of the upper/center pin holes that is used to connect the bucket to the bucket link.

Distance from Center of Upper/Center Pin Hole to Center of Lower/Outside Pin Hole (Required) | A

Measure the distance from the center of one of the upper/center pin holes to the center of one of the lower/outside pin holes.

Inside Bucket Height | IBH

Measure the inside height of the bucket from the bucket's floor to the inside top of the bucket.

Inside Bucket Depth | IBD

Measure the inside depth of the bucket by measuring from the deepest point in the bucket to a point along the center of the outside edge.

Inside Bucket Width | IBW

Measure the horizontal distance from the inside side of one of the bucket's side plates to the inside side of the other side plate.

Overall Bucket Height | BH

Measure the overall outside height of the bucket.

Measurements Continue 

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Measurements

Bucket Width | **BW**

Measure the overall outside width of the bucket.

Lower/Outside Pin Ears Inside Width (Required) | **PE1**

Measure the inside width of one pair of the lower/outside pin ears that will connect the bucket to the boom.

Upper/Center Pin Ears Inside Width (Required) | **PE2**

Measure the inside width of the upper/center pin ears that will connect the bucket to the bucket link.

Center of Lower/Outside Pin Ear Pair to Center of Other Lower/Outside Pin Ear Pair Distance (Required) | **B**

Determine the pin boss width by measuring from the center of one of the lower/outside pin ear pairs to the center of one the other lower/outside pin ear pairs.

Center of Upper/Inside Pin Ear Pair to Center of Other Upper/Inside Pin Ear Pair (Required for Dual Tilt Cylinder Buckets Only) | **C**

Determine the distance from the center of one of the upper/inside pin ear pairs to the center of one of the other upper/inside pin ear pairs. (Only on buckets used on wheel loaders with dual tilt cylinders).

Continue to Diagrams 

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Loader Bucket [Side]

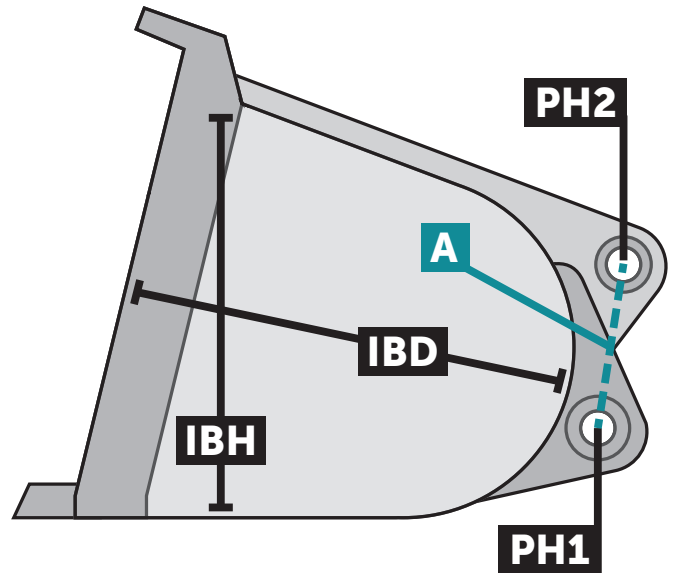
Lower/Outside Pin Hole Diameter
(Required) | **PH1**

Upper/Center Pin Hole Diameter
(Required) | **PH2**

Distance from Center of Upper/Center
Pin Hole to Center of Lower/Outside
Pin Hole (Required) | **A**

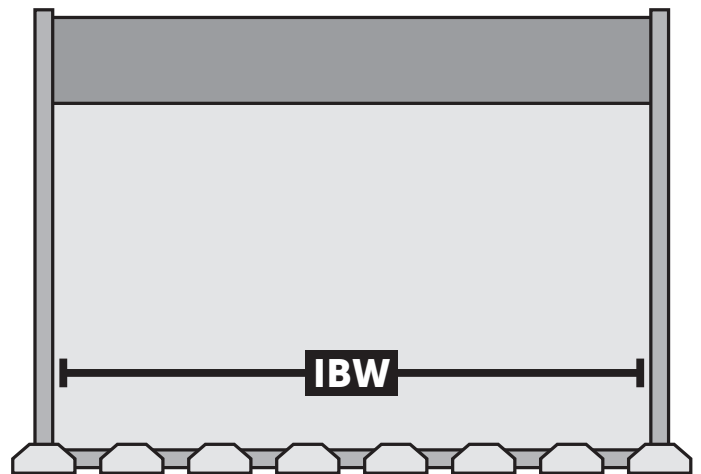
Inside Bucket Height | **IBH**

Inside Bucket Depth | **IBD**



Loader Bucket [Front]

Inside Bucket Width | **IBW**



Diagrams Continue >>>

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Loader Bucket [Back / Single Tilt Cylinder]

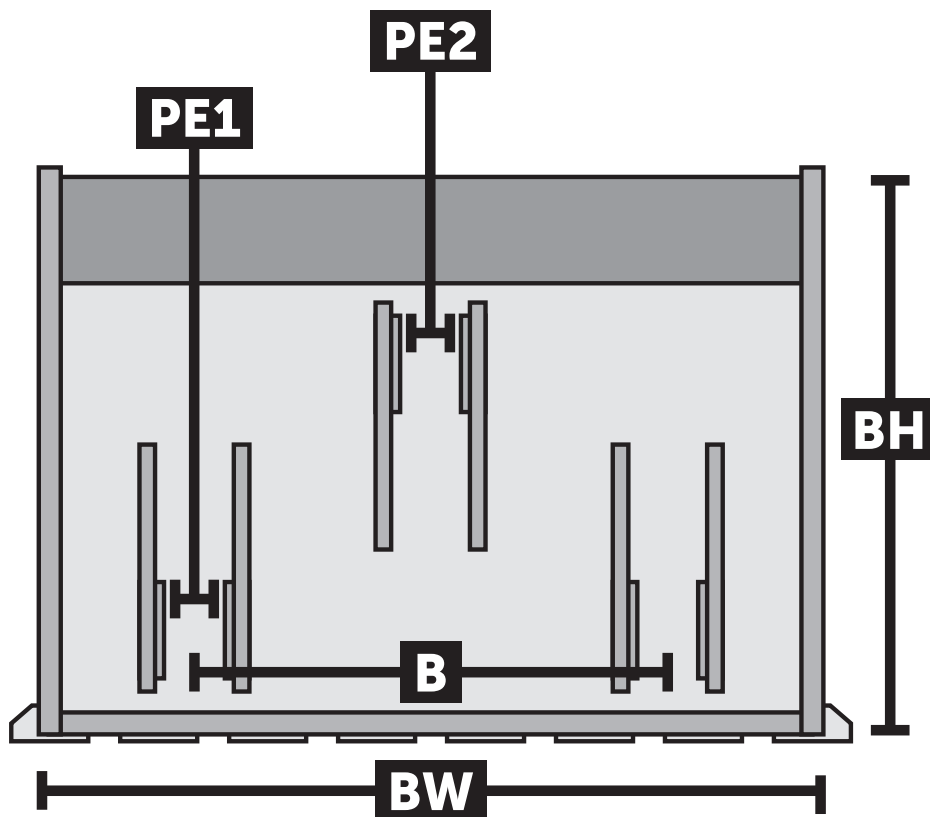
Overall Bucket Height | **BH**

Bucket Width | **BW**

Lower/Outside Pin Ears Inside Width (Required) | **PE1**

Upper/Center Pin Ears Inside Width (Required) | **PE2**

Center of Lower/Outside Pin Ear Pair to Center of Other Lower/Outside Pin Ear Pair Distance (Required) | **B**



Diagrams Continue 

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Loader Bucket [Back / Dual Tilt Cylinder]

Overall Bucket Height | **BH**

Bucket Width | **BW**

Lower/Outside Pin Ears Inside Width (Required) | **PE1**

Upper/Center Pin Ears Inside Width (Required) | **PE2**

Center of Lower/Outside Pin Ear Pair to Center of Other Lower/Outside Pin Ear Pair Distance (Required) | **B**

Center of Upper/Inside Pin Ear Pair to Center of Other Upper/Inside Pin Ear Pair | **C**

