



HARDWARE SPECIFICATION

STANDARD HARDWARE
Low Speed Agriculture and Construction Use

Mounts One Wheel Weight To Wheel

Grade 5 (J429)
4 each | 5/8 x 11 Carriage Bolt (length 4 1/2") (Plain or Zinc) (Coarse Thread)
4 each | Through Hardened Flat Washers
4 each | Spring Type Lock Washer
4 each | Hex Nut
Recommended Starting Torque -Plain Dry 150 ft-lbs, Zinc Plated Dry 128 ft-lbs, Lubricated 113 ft-lbs.

Stacks One Wheel Weight to Another Identical Wheel Weight

Grade 5 (J429)
4 each | 5/8 x 11 Carriage Bolt (length 6") (Plain or Zinc) (Coarse Thread)
4 each | Through Hardened Flat Washers
4 each | Spring Type Lock Washer
4 each | Hex Nut
Recommended Starting Torque -Plain Dry 150 ft-lbs, Zinc Plated Dry 128 ft-lbs, Lubricated 113 ft-lbs.

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Hardware supplied or recommended is for the application detailed. Torque values are advisory ONLY as torque is an indirect indication of tension and no two bolts always respond the same to a given torque. Due to real-world variances, perfect torque input can still allow for substantial deviations in pre-load. The estimated torque values here are derived from the formula $Torque=KDF$ utilizing a non locking nut and a proof strength equal to or greater than the tensile strength of the bolt.

Incorrect installation, improper use, and over or under tightening of fasteners can each result in personal injury or equipment failure.

It is imperative that you check the torque and condition of your fasteners regularly. There is no method to entirely prevent loosening. Check after 3-5 hours of use following installation and thereafter check regularly, (monthly minimum).

If you experience any issues with regards to maintaining clamp force, bolt breakage or deformation, STOP USE and CONTACT US.

If you choose (though not recommended) to use a liquid thread locker, follow the torque specifications for Zinc-Dry ($K=0.17$) as your starting torque. If you have any questions or concerns please contact us. Some circumstances require upgraded hardware for optimal performance.

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