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Hydraulic Jack Mounting Bolt Specification

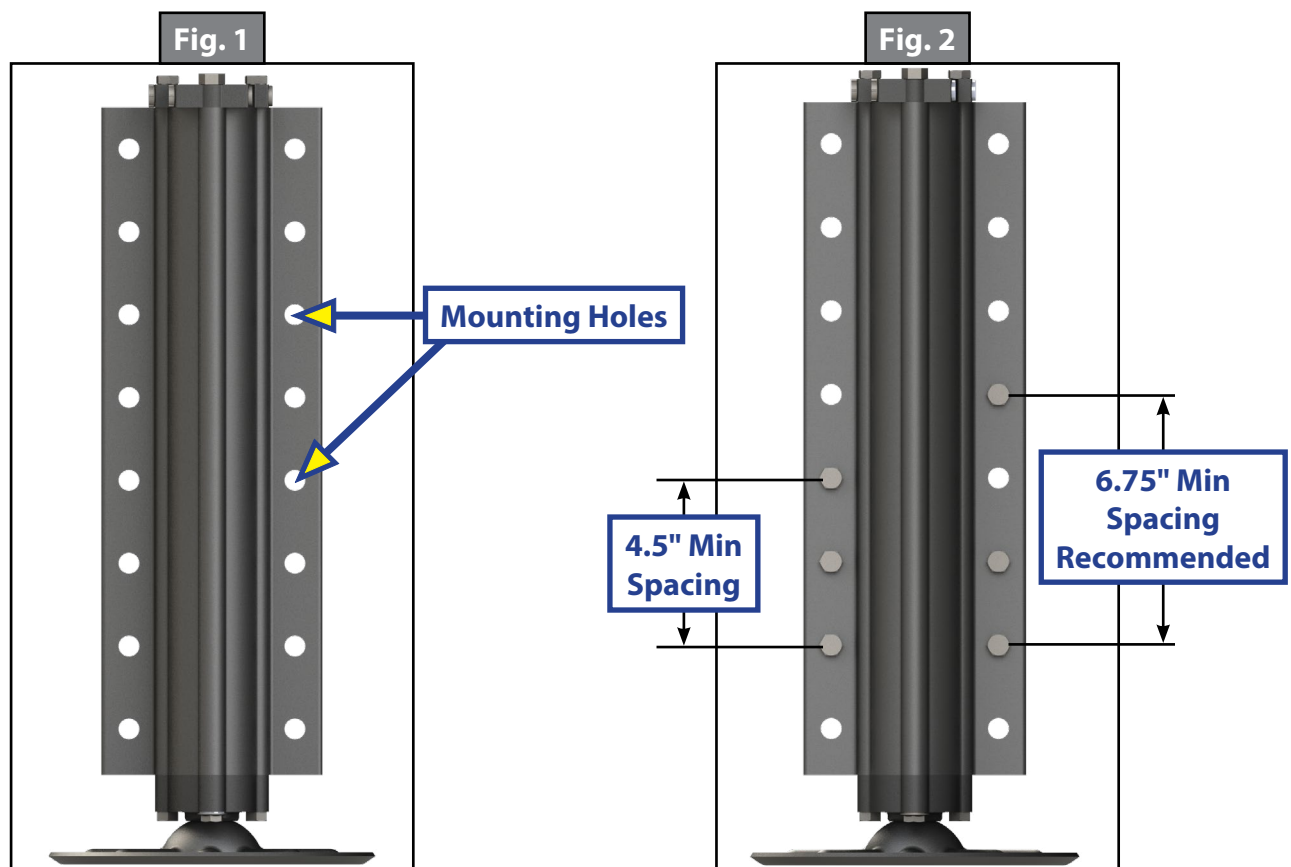
All Jack Sizes

1. Standard LCI kits use ½"-20 flange mounting bolts. Other bolt sizes (such as ½"-13 flange bolts) may be used, subject to review and approval by LCI.
2. Mounting nuts are to be serrated flange, unless frame mount brackets with pre-installed weld nuts are used. See frame bracket requirements.

Up to 8,000 Lbs Jack Capacity

1. A minimum of four mounting bolts are required, including the lowest common hole on each side and the highest possible hole (Fig. 1) on each side.
2. Bolts are to be vertically spaced at a 4.5" minimum 2-hole pattern (Fig. 2). If possible a 6.75" minimum spacing in a 3-hole pattern is recommended.
3. LCI standard kits use SAE J429 Grade 8 bolts.

NOTE: For customer-supplied hardware, minimum bolt properties **MUST** meet SAE J429 Grade 5 requirements.



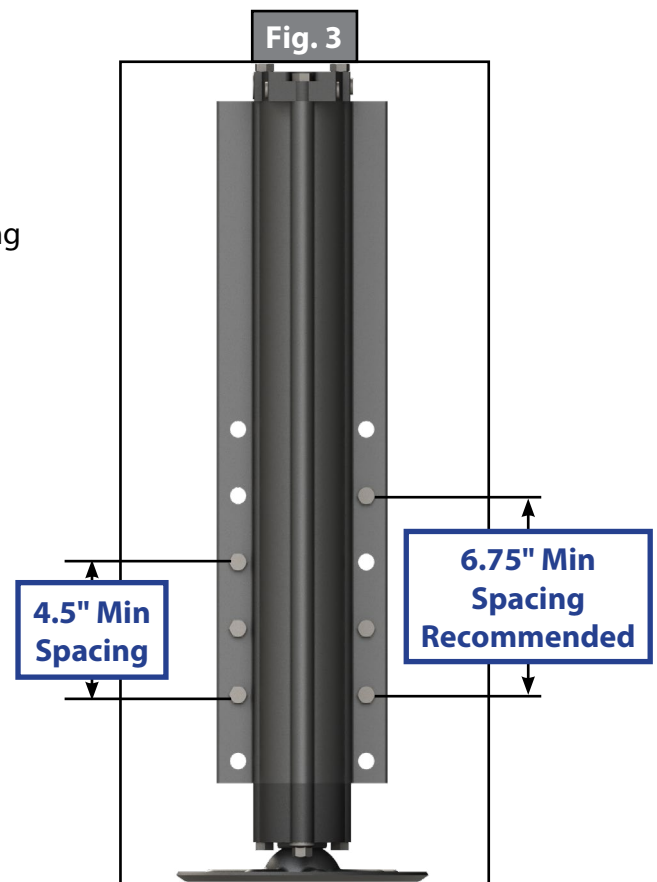


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Up to 14,000 Lb Jack Capacity

1. A minimum of six mounting bolts are required.
2. Upper and lowermost bolts are to be vertically spaced at a 4.5" 2-hole pattern (Fig. 3). If possible a 6.75" minimum spacing in a 3-hole pattern is recommended.
3. LCI standard kits are to use SAE J429 Grade 8 bolts.

NOTE: For customer-supplied hardware, minimum bolt properties **MUST** meet SAE J429 Grade 5 requirements.

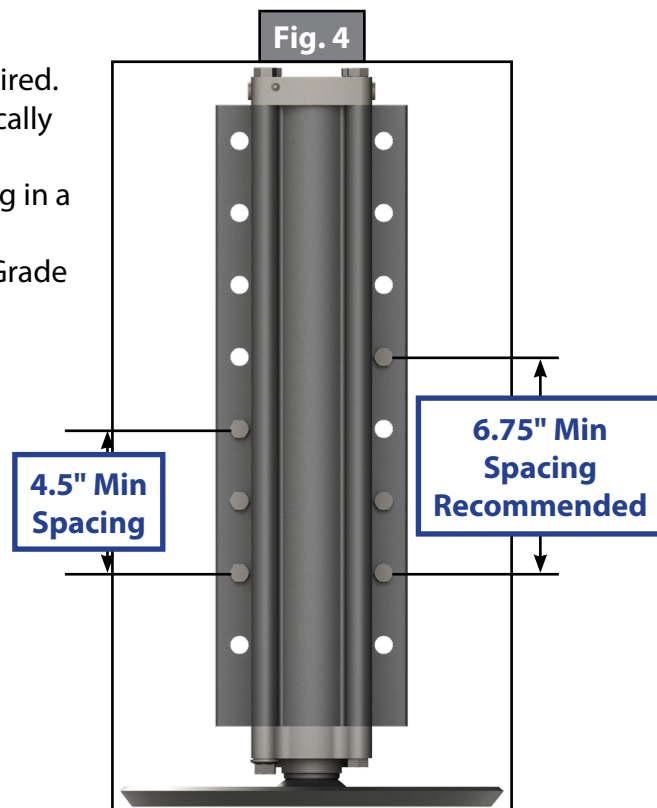




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Up to 24,000 Lb Jack Capacity

1. A minimum of six mounting bolts are required.
2. Upper and lowermost bolts are to be vertically spaced at a 4.5" minimum 2-hole pattern (Fig. 4). If possible a 6.75" minimum spacing in a 3-hole pattern is recommended.
3. All mounting bolts **MUST** meet SAE J429 Grade 8 requirements.



Mounting Bolt Torque Specifications

Bolt Torque Specifications (ft-lbs)		
Bolt Size and Grade	Lubricated*	Dry*
1/2-20 UNF Grade 5	64	85
1/2-20 UNF Grade 8	90	120
1/2-13 UNC Grade 8	80	106

*Lubricated K = 0.15, Dry K = 0.20

** All other fastener sizes/styles are subject to LCI approval.

*** Assumes mating nut grade to be greater than or equal to bolt grade.



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