

Using the GMP 4 Bolt Spring Lock Pocketbook Grips for Sagging OPGW and Other Aerial Conductors

4 BOLT SPRING LOCK GRIP SPECIFICATIONS:

Weight: 7.5 lbs (3.4kg)

Dim: L: 20 in. W: 3.5 in. H: 5 in.

Max tension limit: 5,000 lbs or 50% of rated strength of conductor, whichever is smaller.

Sizes: .380-.859 inch dia.

Bolt size: 1/2 inch steel

Bale: 3/8 inch steel

Final Torque: 40 ft-lb

Body: Extruded aluminum

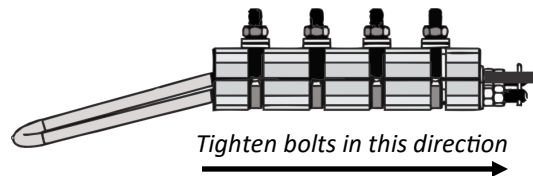


Important: Pocketbook grips are only intended for use for the conductor size stamped on the tool. Grips should not be used to hold conductors at sag tension limits for longer than 6 hours and are not designed to be used as dead ends.

Maximum tension limit: 50% of the rated strength of the conductor or 5,000 pounds, whichever value is smaller.

First Use of a New Grip:

1. **Loosen Bolts:** Loosen the bolts enough to open the grip wide enough to accommodate the conductor.
2. **Positioning:** Place the grip at least 10 feet away from the dead end or joint being installed. This minimizes the risk of bird-caging the conductor during compression.
3. **Insert Conductor:** Open the 2 halves, insert the conductor into the channel, then carefully close the grip, and hand-tighten the bolts.
4. **Torque Adjustment:** Use a torque wrench to tighten the bolts.
 - On the first pass, tighten the bolts to 32 ft-lb (80% of the target torque).
 - Tighten the bolts sequentially, starting from the bail end and moving to the nose end of the grip (refer to the diagram).
 - Perform at least six passes, gradually increasing the torque on each pass until reaching the target torque of 40 ft-lb for 1/2" bolts.



Using Previously Used Grips:

1. **Inspection:** Thoroughly clean and inspect the clamps before each job. Check for issues such as cracked bodies, rough or nicked conductor channels, bent eye bolts, or damaged bails. Dispose of any damaged clamps.
2. **Follow Standard Procedure:** After inspection, follow steps 1 to 4 outlined above for proper use.

For more information or assistance, contact:

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| Part Number | Conductor Diameter Range |
|--------------|--------------------------|
| 76000-300309 | .300-.309 |
| 76000-310319 | .310-.319 |
| 76000-320329 | .320-.329 |
| 76000-330339 | .330-.339 |
| 76000-340349 | .340-.349 |
| 76000-350359 | .350-.359 |
| 76000-360369 | .360-.369 |
| 76000-370379 | .370-.379 |
| 76000-380389 | .380-.389 |
| 76000-390399 | .390-.399 |
| 76000-400409 | .400-.409 |
| 76000-410419 | .410-.419 |
| 76000-420429 | .420-.429 |
| 76000-430439 | .430-.439 |
| 76000-440449 | .440-.449 |
| 76000-450459 | .450-.459 |
| 76000-460469 | .460-.469 |
| 76000-470479 | .470-.479 |
| 76000-480489 | .480-.489 |
| 76000-490499 | .490-.499 |
| 76000-500509 | .500-.509 |
| 76000-510519 | .510-.519 |
| 76000-520529 | .520-.529 |
| 76000-530539 | .530-.539 |
| 76000-540549 | .540-.549 |
| 76000-550559 | .550-.559 |
| 76000-560569 | .560-.569 |
| 76000-570579 | .570-.579 |

| Part Number | Conductor Diameter Range |
|--------------|--------------------------|
| 76000-580589 | .580-.589 |
| 76000-590599 | .590-.599 |
| 76000-600609 | .600-.609 |
| 76000-610619 | .610-.619 |
| 76000-620629 | .620-.629 |
| 76000-630639 | .630-.639 |
| 76000-640649 | .640-.649 |
| 76000-650659 | .650-.659 |
| 76000-660669 | .660-.669 |
| 76000-670679 | .670-.679 |
| 76000-680689 | .680-.689 |
| 76000-690699 | .690-.699 |
| 76000-700709 | .700-.709 |
| 76000-710719 | .710-.719 |
| 76000-720729 | .720-.729 |
| 76000-730739 | .730-.739 |
| 76000-740749 | .740-.749 |
| 76000-750759 | .750-.759 |
| 76000-760769 | .760-.769 |
| 76000-770779 | .770-.779 |
| 76000-780789 | .780-.789 |
| 76000-790799 | .790-.799 |
| 76000-800809 | .800-.809 |
| 76000-810819 | .810-.819 |
| 76000-820829 | .820-.829 |
| 76000-830839 | .830-.839 |
| 76000-840849 | .840-.849 |
| 76000-850859 | .850-.859 |