

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: .300-.859 inch dia.

Bolt size: 1/2 inch steel

Bale: 3/8 inch steel

Final Torque: 40 ft-lb

Body: Extruded aluminum

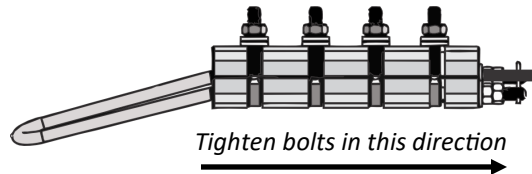


Important: Pocketbook grips are only intended for use for the conductor size stamped on the tool. Grips should not be used to hold conductors at sag tension limits for longer than 6 hours and are not designed to be used as dead ends.

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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35973 pocketbook grip instructions.pub



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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