

NetGain Motors, Inc.

800 South State Street / Suite 4 / Lockport, IL 60441 / 630-243-9100 / 630-685-4054 (FAX)

Terminal Block Replacement Instructions



For *HyPer 9™* Motors

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Tools Needed:

- 21mm Wrench
- 5mm Hex Key
- Channel Lock Pliers
- 8mm Pin Punch
- Rubber Mallet
- Metal Cutting Saw or Grinder (Optional)

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Removal and Replacement Steps

Step 1.

Using a 21mm or crescent wrench, remove (3) retaining nuts from the terminal leads.



Step 2.

Using a rubber mallet, carefully tap the (3) terminal leads through the taper fit brass rings of the terminal block.



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Step 3.

Using an 8mm (5/16") pin punch, tap the (3) terminal leads down further, so they are no longer flush with the surface of the terminal block.



Step 3.1 (Optional).

If your terminal block has broken before tapping the terminal leads through the rings, it may be difficult to remove the taper fit rings. Remove the brass rings using channel lock pliers. It may be necessary to carefully insert a relief cut using a saw or grinder.



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Step 4.

Using a 5mm hex key, remove the (4) terminal block fastening bolts.



Step 5.

Pull the terminal block off the terminal leads. If all steps are followed in order, the block should slide off easily by hand. If it does not, please refer to Optional **Step 3.1**.



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Step 6.

Slide the new terminal block over the terminal leads. Ensure phase markings for W,V,U are in the correct order. For proper terminal alignment, it may be necessary to screw a terminal bolt into each lead, then pull it into place using Channel Lock Pliers. Next, secure the (4) terminal block fastening bolts.



Step 7.

Using a 21mm wrench, fasten the (3) terminal retaining nuts. Your new terminal block is now ready to accept the terminal bolts and terminal cover.

