

New Improved . . NI-STARTER®

Stainless Steel Rechargeable Glow Plug Igniter

This unit can replace the Power Panels and starting batteries that you have used to start your glow plug engines. The NI-STARTER has a six point positive lock and works well on most glow plugs. Use caution on some types of Merlin plugs and imported plugs. The NI-STARTER will not fit the Nelson plug.

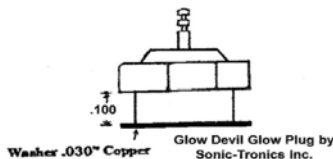
METERED NI-STARTERS are equipped with an AMP METER that reads the current being consumed by the glow plug. **Meter does NOT indicate charge level of battery!!** If the meter does not deflect, your plug could be defective. If it goes to full scale, your plug could be shorted. Re-charge battery when meter pointer falls into red area **during operation**.

The Ni-Starter now has a NiMH 3800ma battery. Normal charging time using the A/C charger will be 12 to 14 hours @ 300ma for this NiMH Ni-Starter.

Mcd101 1.5" reach with 110V AC Charger
Mcd102 Remote GlowPlug Adpt. w/Charger
Mcd103 Remote GlowPlug Adpt. w/o Charger
Mcd104 3-1/2" reach with 110V AC Charger
Mcd105 1.5" reach without Charger
Mcd108 3-1/2" Reach without Charger
Mcd117 2-1/2" Reach with 110V AC Charger
Mcd118 2-1/2" Reach without Charger
Mcd201 Metered 1.5" reach with 110V Charger
Mcd202 Metered remote GlowPlug Adpt. w/Charger
Mcd203 Metered Remote GlowPlug Adpt w/o Charger
Mcd204 Metered 3-1/2" reach with 110V Charger
Mcd205 Metered 1.5" Reach without Charger
Mcd208 Metered 3-1/2" reach without Charger
Mcd217 Metered 2-1/2" reach with 110V Charger
Mcd218 Metered 2-1/2" reach without Charger
For current pricing check out our website at www.sonictronics.com

CAUTION: READ BEFORE USING

- 1) DO NOT LEAVE NI-STARTER ON A RUNNING ENGINE FOR WARMUP OR ENGINE BREAK IN!! REMOVE IMMEDIATELY AFTER STARTING.
- 2) DO NOT USE A NI-STARTER ON ANY ENGINES (ENYA OR OS 4-STROKE) WITH GLOW PLUGS THAT ARE INSTALLED ON THE PROPELLER SIDE OF HEAD. This is unsafe. Use one of our remote adapters on these engines for safe operation (Model Mcd442 or Mcd443. See our web site for more info. www.sonictronics.com).
- 3) Use caution on some Types of glow plugs. Glow plugs must have approximately .100 inch clearance between hex and copper washer for proper locking.



- 4) THIS UNIT IS NOT A WRENCH!! DO NOT USE IT TO TIGHTEN OR LOOSEN A GLOW PLUG. If NI-STARTER will not lock onto your glow plug, do not force it and find out why. Deformed glow plug adapters will be replaced at regular repair price \$9.50 (non-metered) or \$14.50 (Metered Units). NO EXCEPTIONS. Check your Glow Plug Clearance.
- 5) Beware of leaky glow plugs (around plug stem) they will cause the plastic inside of the NI-STARTER to melt. This is a non-warranty repair.
- 6) If Glow Plug Adapter becomes damaged, worn or deformed, do not use. Send it back for non-warranty replacement.

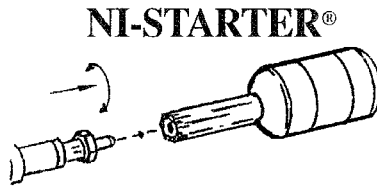
CONSTRUCTION

- 1) High visibility Orange cover defies loss in grass and field boxes. Thick heavy duty covering protects the battery and/or meter against damage due to rough handling.
- 2) Fast Charge capable battery.
- 3) NOT A KIT!! It is fully assembled and ready to charge and use!! No need to run out and purchase a separate battery to install in your NI-STARTER!!
- 4) We guarantee the Stainless Steel NI-STARTER to be a superior product. It will last for years with proper care.
- 5) The metered Version is a very durable, shock resistant DUAL FACED Amp meter that gives a positive visual indication of the power being consumed by your plug. The meter on the NI-STARTER is an Amp meter. **AMP METERS ONLY READ UNDER LOAD (WITH GLOW PLUG ATTACHED)**. The Amp Meter does not show charge level of battery!! Readings can vary depending on type of Glow Plugs used.

Model Mcd102/3 and Mcd202/3 features a flexible glow plug adapter cord. These Ni-Starters are excellent when using soft mount engines.

Charge Directions:

TO CHARGE: Push the small plug adapter from the charger into the end of the Glow plug adapter. Twist clockwise then release to lock. If you are making the proper connection, the L.E.D. on the face of the charger should be glowing. Let unit charge for 12 to 14 hours (or overnight). Reverse the above procedure to remove the charging plug. Clean tip with WD-40 or Alcohol occasionally.



Push in, rotate c/w to lock, cc/w to unlock

PRODUCT LIABILITY

Sonic-Tronics Inc. assumes NO liability whatsoever for the use of this product and disclaims any liability whatsoever beyond repair or replacement for a period of 180 days from the date of sale to original purchaser. NO OTHER WARRANTIES including the IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS extend beyond the description on the face hereof. NO OTHER LIABILITY INTENDED OR IMPLIED.

WARRANTY: For 180 days from the date of purchase, we will repair or replace (our option) any Stainless Steel NI.STARTER proven defective from materials or workmanship if warranty card is on file. Warranty cards must be filled out IN FULL and mailed within 10 days from the date of purchase. If warranty card is not on file or unit is out of warranty, there will be a repair charge of \$9.50 (\$14.50 for meter units) for parts & labor plus \$4.00 return shipping REGARDLESS OF CLAIM. Shipping is not part of warranty.

Sonic-Tronics/McDaniel 7865 Mill Road Elkins Park, PA 19027 Ph:215 635-6520

Web: www.sonictronics.com Email: info@sonictronics.com