

**STAINLESS STEEL REMOTE
GLOWPLUG ADAPTERS
FOR USE WITH NI-STARTER(R)**

Our Stainless Steel Remote PlugLock adapters features a new concept in reliability, and ease of attachment, even for hard to reach or Deep Head (O.S. Style) applications. There are two lengths available: 5/8" for your standard engines, or a Deep Head adapter where more finger room is needed for ease of installation in those deep recesses and high cooling fin areas. They will work on most glow plugs. 90% of your needs can be filled with the 5/8" adapter head, even on MOST O.S. Engines.

REMOTE KITS

#442 Single remote kit with 1" adapter

#443 Single remote kit with 5/8" adapter

#444 Twin remote kit with 5/8" adapters

#446 Twin remote kit with 1" adapters

REMOTE ADAPTER HEADS ONLY

#448 5/8" Adapter head w/12" red wire

#449 1" Adapter head w/12" red wire

READ INSTRUCTIONS

CAREFULLY BEFORE ASSEMBLY

INSTALLATION

Before you try to install this kit, locate and identify the following parts:(refer to drawings on back)

NOTE: Peel off the white protective film from the "L" bracket before mounting!

- A) PlugLock glowplug adapter with wire
- B) External Power head adapter with nut and washer assembly
- C) 2 - #6 ground lugs
- D) 2 - 1/8x1/2" heat shrink tubing
- E) 1 - 1/16x1/2" heat shrink tubing
- F) "L" shaped power head mounting bracket
- G) 12" piece of black teflon wire

1) Mount the "L" bracket with 4/40 (or suitable) hardware (not provided) in a convenient location.

2) Install the PlugLock adapter on the glowplug, and check the most convenient route for the wire to travel between the glowplug and the place where you mounted the "L" bracket. Cut off any excess wire before soldering.

3) Feed the red PlugLock wire through the nut, washer and one piece of the 3/16" heat shrink tubing. Be sure to do this before soldering the red PlugLock wire to the center of the power head assembly.

4) Strip 3/16" insulation from Teflon Plug-wire. Pre-tin the bare wire end, using 60-40 rosen core electrical solder. Use just enough to cause a small elongated drop to completely surround the entire bare wire. (See drawing). **WARNING: DO NOT USE ACID CORE SOLDER.**

5) Clamp the power head in a vise, (gently) or secure it so you can attach the wire.

6) Clean the tip of your soldering iron with a wet sponge or rag. No solder residue should be left to foul the stem or short between the stem & base of the power head.

CAUTION: Use low wattage soldering equipment on power heads.

7) Very carefully pre-tin the inside of the hole in the stem (about half full is fine).

8) Place the pre-tinned wire in the top of the hole of the stem (see drawing #1)

9) Clean the flat side of the tip of your soldering iron, then place it against the side of the exposed end of the stem. Heat the stem enough to push the wire and solder droplet gently into the hole. Be careful that you do not touch the solder on the wire with the iron. Remove the iron tip from the stem and hold the wire still for a few seconds for the stem & holder to cool. Your wire is secure now. You can check this by pulling the wire. It should not move, or pull out.

10) Visually inspect the connection and make sure there were no solder burrs or short circuits created by solder overflow down the stem or hole in the power head base. If there is one you can "snip" it away by using electrical dikes or fingernail clippers.

11) After you are sure the wire is soldered properly, slide the heat shrink tubing as far down over the stem and solder connections as possible. Using the heat shrink gun or mono-kote iron, shrink the tubing in place. (See drawing# 4 & #5).

12) Attach the external power head to the "L" bracket with the nut & washer, make sure it is tight. (See drawing#2)

NOTE: Twin Set-ups

1. If you are using a twin set up (#444 or #446) One ground is necessary PER ENGINE.

EX: twin cylinder - 1 ground
Twin Engine - 2 Grounds

2. Solder a 1" piece of wire to the stem, and the two PlugLock leads to the 1" piece of wire. This makes a neater electrical connection on the stem.

3. An alternate way to do both wires is attach one wire to the stem, and then attach 2nd wire about 1" away from the stem. Be sure you insulate the connection after soldering. No heat shrink is provided for this, but you could use one piece of the 1/8x1/2" shrink from a ground lug.

REPLACEMENT PARTS

POWER HEAD W/NUT & WASHER	\$2.50
"L" BRACKET ONLY	\$1.75
5/8" ADAPTER HEAD (#448)	\$7.00
1" deep head adapter (#449)	\$7.50
2 GROUND LUG W/WIRE	\$1.25

*ADD \$4.00 shipping chargers TO ALL ORDERS

PRODUCT LIABILITY

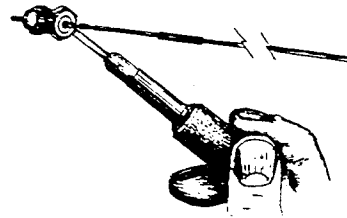
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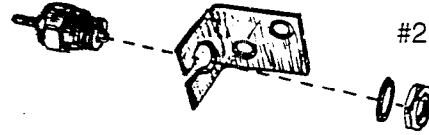
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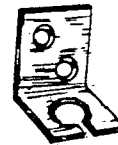
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#1



#2



#3



#4



#5



#6

