



TECHNICAL INSTRUCTIONS

NEOS Supplement Instruction

Models: NEOS 200E

Purpose: The intent of this technical instruction is to provide additional steps for the installation of standby components for the NEOS 200E. There are two standby kits available, review this document to understand which option is needed to meet the customer's needs. Note: The documents in the table below will be required for the complete installation of the NEOS unit.

Document Number	Description
98-03357-00	Switching Power Supply Installation Instruction
98-60608-02	NEOS Installation Instruction
98-60767-20	NEOS Cabling Installation Instruction
62-11869	Electrical Wiring and Harness Inspection and Repair Guidelines

Option A

Electrical Kit 76-61219-01 Parts

Item	Qty	Part Number	Description
1	1	22-60843-00	Cable Assy, Standby
2	1	76-61216-05	Electrical Kit

Installation Kit 76-02050-00 Parts






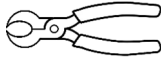

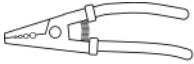

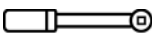
Item	Qty	Part Number	Description
3	5	22-02324-03	Bushing
4	1	22-03035-00	Plug

Option B

Electrical Kit 76-61219-02 Parts

Item	Qty	Part Number	Description
5	1	22-60843-00	Cable Assy, Standby
6	1	76-61216-05	Electrical Kit
7	1	77-60850-20	Power Plug Kit

Required Tools

Tool	Part Number	Part Description
	Obtain Locally	10mm Socket
	Obtain Locally	13mm Socket
	Obtain Locally	Wrench 9/16"
	Obtain Locally	Diagonal Cutter
	Obtain Locally	Tape Measure
	Obtain Locally	Cutter, Cable
	Obtain Locally	Stripper, Cable Jacket Adjustable Head
	Obtain Locally	Stripper, Wire 6 AWG
	07-00487-00	Gun, Heat
	Obtain Locally	0-100 In-lb Torque Wrench



Unit may start automatically at any time even if switch is in the OFF position. Use proper lockout / tagout procedures before inspection / servicing. All unit inspection / servicing to be performed by properly trained personnel only.

Switching Power Supply Mounting and Wiring

Refer document 98-03357-00 for switching power supply, the DC and AC power leads, and the ignition relay. Install according to customer needs and electrical best practices (62-11869 Rev. D).

Example of installation on Ford eTransit.

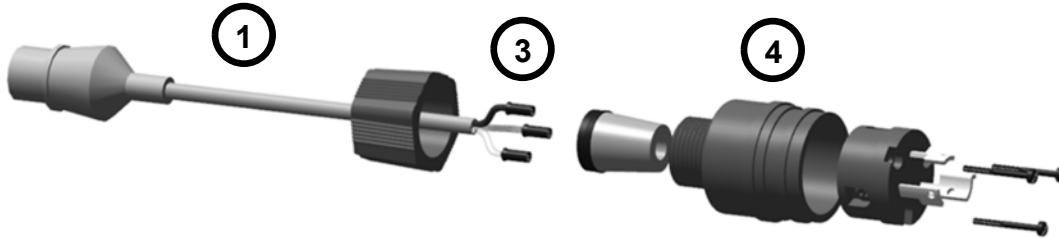


1

Shore Power Receptacle Assembly Option A

Using (1), (3), and (4) create a pig tail for standby power connection. Follow the instructions from page 3 of 98-03357-00.

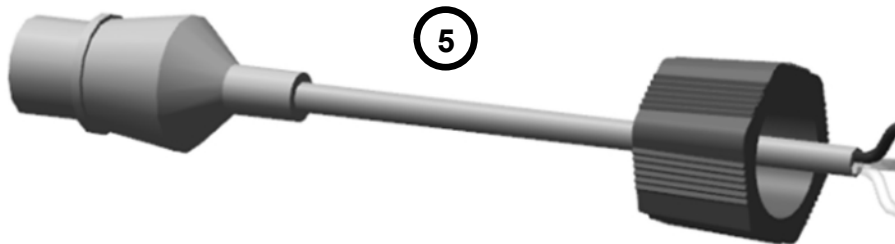
1



Shore Power Receptacle Assembly Option B

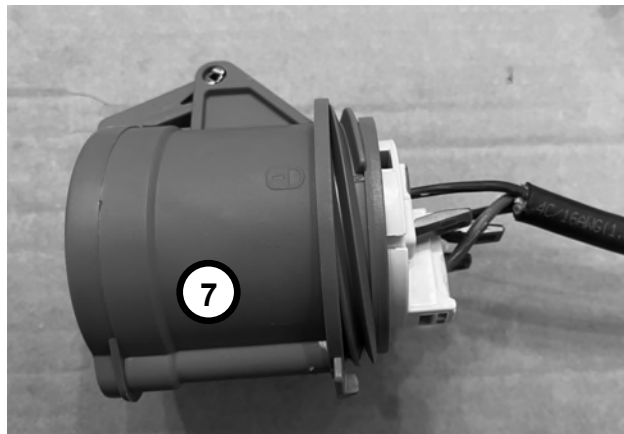
Using (5) – (7), create a pig tail for standby power connection. Cut off existing male plug close to the base. Slide the compression nut and the lower portion of the receptacle on the cable. Strip sheathing 1" and strip 7/16" of the insulation on the 3 wires.

1



Install each of the 3 wires into the appropriate terminal locations. Refer to 98-03357-00 for terminal/color locations.

2



Push each of the 3 locking tabs forward and down to engage the terminals onto the wires.

3



Slide the lower portion of the receptacle up to the upper portion and twist to lock.

4



5

Slide the compression nut up to the bottom of the receptacle and tighten.