

EMP/CME Hardening Kit

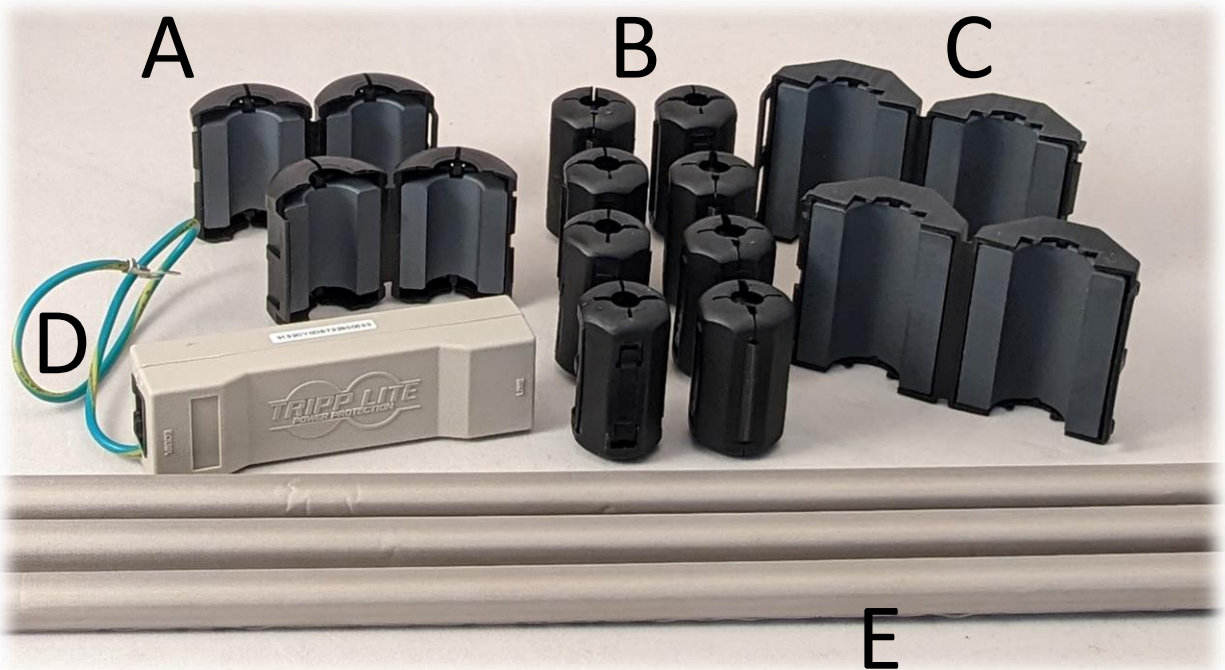


Figure 1

Kit Contains:

A: 2pcs 4_{awg}-0_{awg} Ferrites (Inverter and A/C wire)

B: 8pcs 6_{awg}-10_{awg} Ferrites (Solar and A/C wire)

C: 2pcs 2/0_{awg}-4/0_{awg} Ferrites (Inverter/Battery cable)

D: Network RJ45 Surge Suppressor

E: 3 pcs Conductive Gasket



Figure 2

*For best effectiveness the ferrites should be positioned on the conductor as close to the device as possible (Figure 6 & 7)

*More than one conductor can be protected by single a ferrite (Figure 2)

*The ferrite does *not* need to be tight against the wire

*Multiple ferrites can be used on the same conductor to increase filtering (Figure 1)

*If the Ferrite is slipping on the wire jacket, a few wraps of electrical tape can be used to increase conductor diameter.

*Conductive gasket can be cut or spliced. A multimeter with an Ohm setting can be used to check continuity of modified gasket.

*The conductor can be looped through the ferrite more than once to increase filtering (Figure 3)



Figure 3

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*The Network Surge suppressor must be attached to earth ground for proper function. See manual.

*The plastic teeth on the ferrite can be trimmed off to make it easier to attach. (Figure 4)

*Ferrites can be used in Automotive and Marine applications to protect ECU's and control systems. One Ferrite can be used to protect an entire wire harness. (Figure 5)

*The three included Conductive Gaskets provide enough length to gasket between the lip and lid of a standard metal tash can. This creates a simple and cheap Faraday Cage to store sensitive equipment.

*Voltage based surge suppressors, such as Midnite Solar SPD's, are required for full system protection.

Figure 4



Figure 6



Figure 5

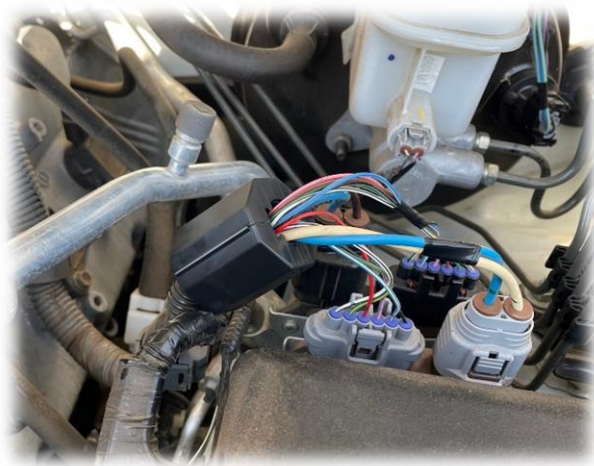


Figure 7

