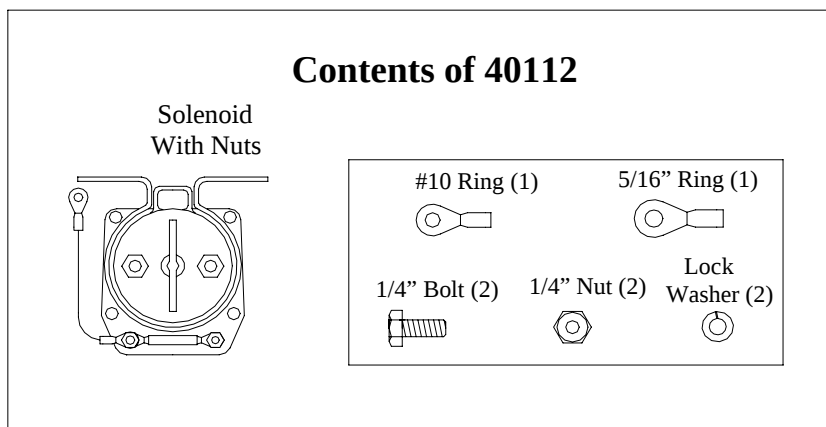




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Installation Instructions for Part # 40112

Add-on Solenoid kit for MASTER/Minder



This add-on solenoid kit is designed to provide control of a second auxiliary battery in conjunction with the MASTER/Minder kit part # 40104.

Battery cables are not included in this kit due to the high number of possible applications in vehicles. High quality battery cables are very important in the proper operation of the system. A minimum of 2 gauge is recommended using quality crimp-on terminals.

Installation

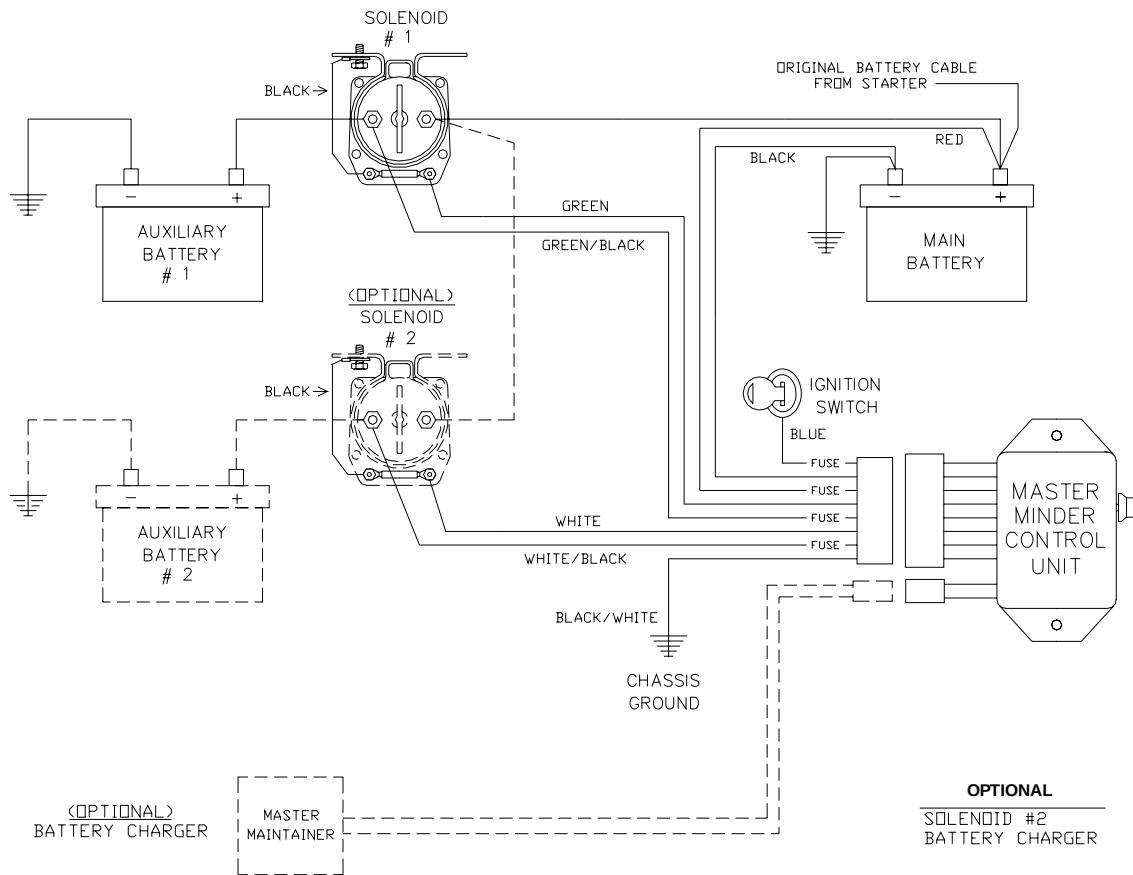
- A.** Mount the auxiliary battery #2 and attach a ground cable, from the battery, to a good frame or engine ground.
- B.** Mount the solenoid in a convenient location between the auxiliary battery #2 and the #1 solenoid using the hardware supplied. Easy access for installing the battery cables later (a good ground should be a factor in choosing a mounting location) is required.
- C.** Route and attach a positive cable from the positive battery post of the second battery to one large post(doesn't matter which one) of the second **"MASTER/ Minder"** solenoid. Route and attach another positive battery cable from the remaining large post of #2 solenoid to the post of #1 solenoid which has the main battery cable attached. You will now have two cables on the main battery positive post of solenoid "1". See Illustration "A"

D. Locate the white/black and white wires coming out of the MASTER/Minder control unit and route to the #2 solenoid. Attach the white wire, after cutting it the proper length to the remaining small terminal(the one that doesn't have a black wire on it) of the solenoid using the terminal supplied. Attach the white/black wire, after cutting it the proper length to the large solenoid post that is connected to the #2 battery. See Illustration "A"

E. Test the system for proper operation.

* **Note:** The color listed after a slash"/" represents a stripe color on the wire.

Illustration A



Painless Performance Products Warranty

Painless Performance Products warrants to the original retail purchaser that this product will be free from defects in material or workmanship for thirty six months from the date of original retail purchase.

The product will be repaired or replaced at Painless Performance Products option only for the original retail purchaser, and this warranty is limited to repair or replacement. Proof of purchase is required.

In no event will Painless Performance Products be responsible for special, incidental or consequential damage or costs. Improper use, abuse, accident or water damage, unauthorized alteration, etc. voids this warranty.

Painless Performance Limited Warranty and Return Policy

Chassis harnesses and fuel injection harnesses are covered under a lifetime warranty.

All other products manufactured and/or sold by Painless Performance are warranted to the original purchaser to be free from defects in material and workmanship under normal use. Painless Performance will repair or replace defective products without charge during the first 12 months from the purchase date. No products will be considered for warranty without a copy of the purchase receipt showing the sellers name, address and date of purchase. You must return the product to the dealer you purchased it from to initiate warranty procedures.