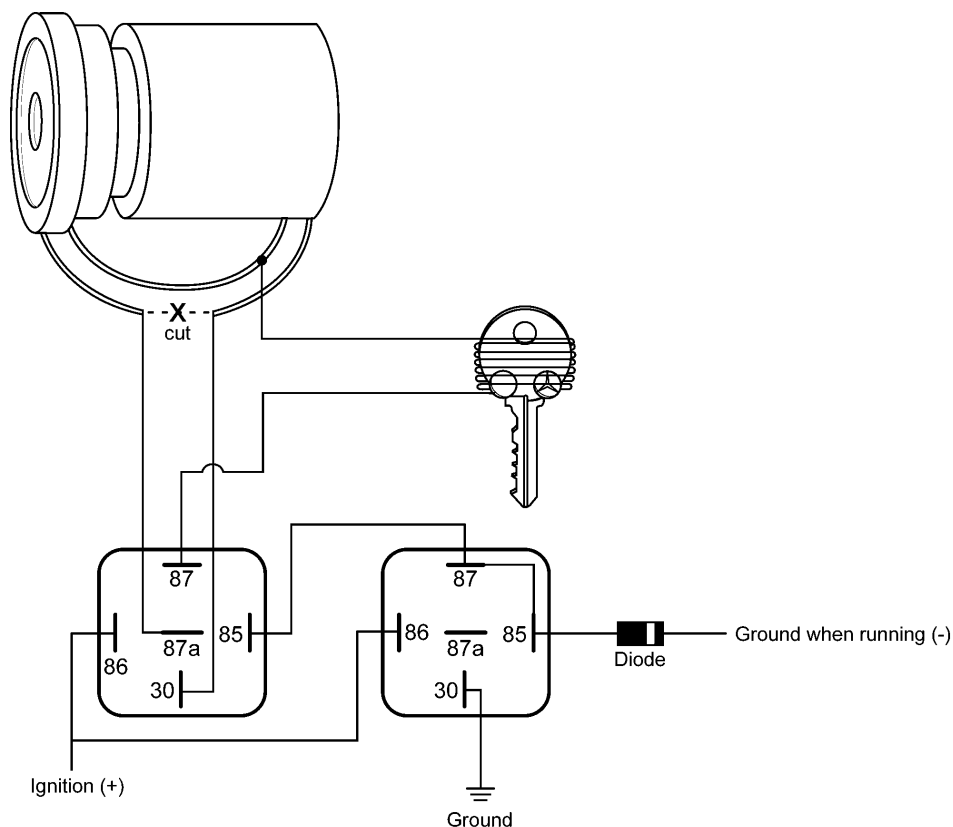




Mercedes-Benz IMMOBILIZER anti-theft bypass

HOW IT WORKS: There is a small chip in the ignition key called a **transponder**. When the key is inserted into the ignition switch it sends a code to the vehicles computer through a receiver coil mounted to the barrel. Once the computer has identified it as a valid key, it enables the starter and fuel management systems. At present, there is no way to get around this security without sacrificing 1 of the vehicles keys and installing it under the dash as shown in our diagram. If the vehicle only has 2 keys and 1 can not be spared, a new key must be purchased **and coded** to the vehicle by the dealer. That key can then be used in the bypass.



Ideally, using an original Mercedes Transponder coil part #1684620253 would be best. The Mercedes coil could be tied in to the relays. If this part is not available to you, you can use some small 22 to 26 gauge wire. Wrap the wire around the up most front of the ignition switch approximately 9-10 times, then extend the wire out about 12-15 inches and wrap it around the key about 9-10 times. Take both ends of the wire and connect then to a relay as shown above. The **GROUND OUT** on pin #85 of the relay refers to the wire from your remote starter that goes to ground when the starter is activated. Once this circuit is tested and working, the keyway should either be cut in half or the key should be hidden well under the dash.

Two relays are required for this bypass to ensure that the vehicle never detects both keys at the same time, which could cause the keys to stop working all together.

NOTE: The information on this sheet is provided on an "as is" basis with no representation or warranty of accuracy whatsoever. It is the sole responsibility of the installer to check and verify any circuit before connecting to it. Only a computer safe logic probe or digital multimeter should be used. Wiremagic.com Corp. assumes absolutely no liability or responsibility whatsoever pertaining to the accuracy or currency of the information supplied. The installation in every case is the sole responsibility of the installer performing the work and Wiremagic.com Corp. assumes no liability or responsibility whatsoever resulting from any type of installation, whether performed properly, improperly or any other way. The information supplied is a guide only.