

XM retention with AUX-BOX

This is a simple solution to the problem of retaining factory XM in GM vehicles when using the AUX-BOX. Using a common relay and a single pull, single throw (SPST) switch, you can now select between the 2 sources by following the diagram provided.

Factory XM as primary source

First locate the factory XM module, which is typically found behind the glove box. Cut the orange wire in the XM harness and connect the end closest to the XM module to position 87a on the relay. Next wire a SPST rocker switch to position 86 on the relay. Make sure to keep switch in the off position until all wires have been connected to the relay. Now connect the loose yellow wire from the AB-GM12 harness to position 87 on the relay. Take the other end of the cut orange wire from the factory XM harness and wire it to position 30 on the relay. In the final step, there are two choices for wiring position 85 on the relay. You can tap into the 12 volt accessory lead in the ignition harness and connect it to position 85 on the relay, or use Peripheral part number GMRAP to generate an accessory power with R.A.P. (retained accessory power) and attach to position 85. This wiring configuration makes the factory XM the primary source and will play when the switch is in the off position. (Note: If using the 12 volt accessory lead instead of the GMRAP, once the key is turned off the relay will revert back to its original position and source that is connected to position 87a.)

AUX-BOX as primary source

First connect the loose yellow wire from the AB-GM12 harness to position 87a on the relay. Next wire a SPST rocker switch to position 86 on the relay. Make sure to keep switch in the off position until all wires have been connected to the relay. Next locate the factory XM module, which is typically found behind the glove box. Cut the orange wire in the XM harness and connect the end closest to the XM module to position 87a on the relay. Take the other end of the cut orange wire from the factory XM harness and wire it to position 30 on the relay. In the final step, there are two choices for wiring position 85 on the relay. You can tap into the 12 volt accessory lead in the ignition harness and connect it to position 85 on the relay, or use Peripheral part number GMRAP to generate an accessory power with R.A.P. (retained accessory power) and attach to position 85. This wiring configuration makes the AUX-BOX the primary source and will play when the switch is in the off position. (Note: If using the 12 volt accessory lead instead of the GMRAP, once the key is turned off the relay will revert back to its original position and source that is connected to position 87a.)

