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HPC Radiator Fan Control Module Trigger Expander
-102010-

This is an add-on for the HPC Electronic Radiator Fan Control Module Kits (102001-102005). The control modules are provisioned with a single remote turn on wire. This wire kit allows for three isolated override inputs to the module. Two inputs to trigger both fans and one input for triggering only the first fan. For kits wired in high/low speed configuration, this would allow for two high speed override and one low speed override.

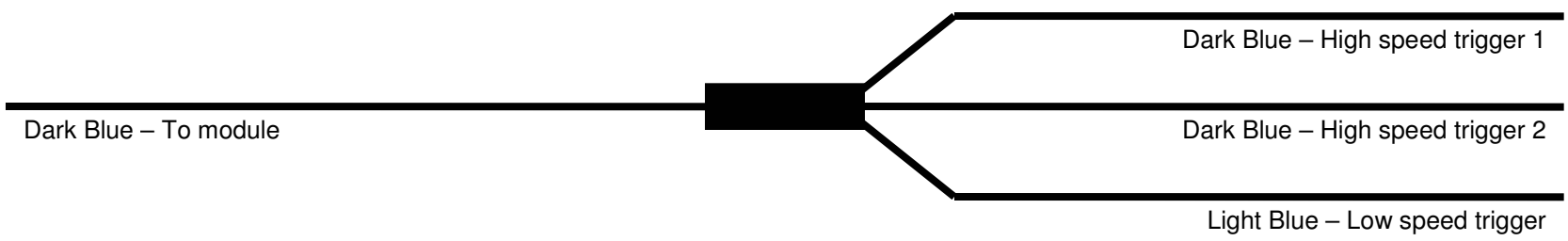
This manual covers the *102010* (Fan control module override wire expander).
The customer must supply all additional wire, fuses, fuse holders, relays, terminals, connectors and hardware. Please see the instructions that accompany your fan control module kit for further installation information. For more information please contact sales@hpcontrols.ca.

The 102010 trigger wire has four wires. One side is to be connected to the control module. The other three wires are for the three isolated inputs. When grounded, the two dark blue wires will trigger both fans (or high speed). When grounded the light blue wire will trigger only the first fan (or low speed).

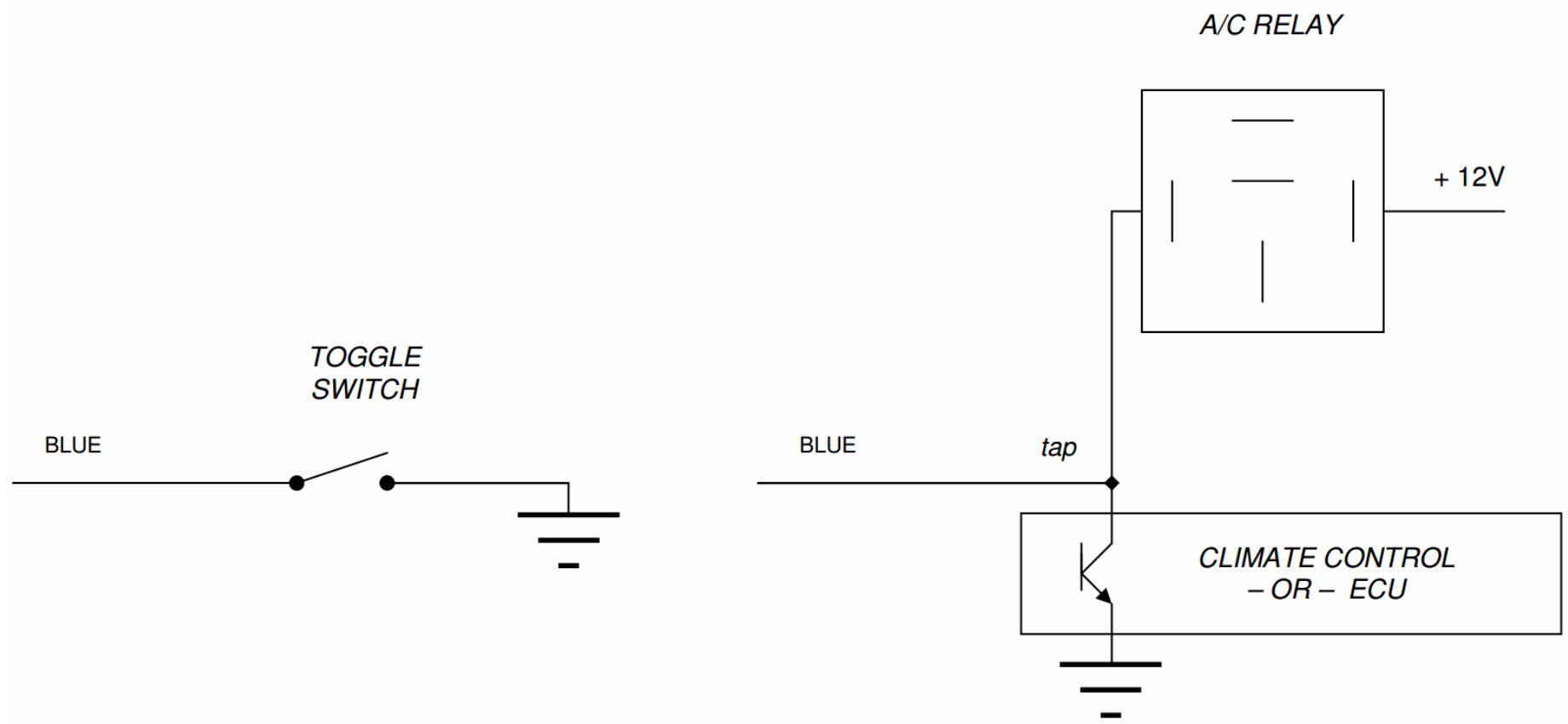
If the vehicle has air conditioning, one of the two fan (high speed) wires should be connected to the air conditioner circuit. This way, the fans will operate at high speed when the air conditioning is turned on.

The other two wires may be connected to a variety of inputs. The most common would be for manual override switches.

102010 Wire Functionality:



Suggested wiring configurations:



Note: If using a manual override switch with the low speed and high speed inputs it is suggested that they be grounded back to the same ground source as the module. In some instances, if there is a significant difference in the ground voltage from the module to the ground of the switch, the controller may not activate the fans correctly.