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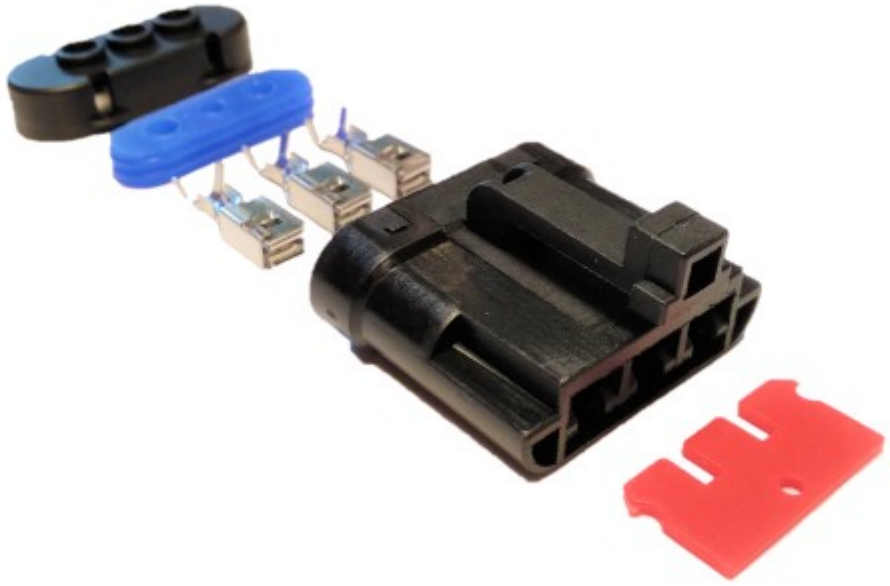
Ford Radiator Fan Connector Assembly

HPC PN: 102049



This radiator fan connector kit is ideal for both repairing factory wiring harnesses and for building your own custom wiring harness. Using this connector instead of a pigtail lets you reduce the number of connections and ensures a cleaner installation.

NOTE It is recommended to solder these terminals to the radiator fan wires to ensure a good electrical connection. An appropriate crimp tool is required for installation.

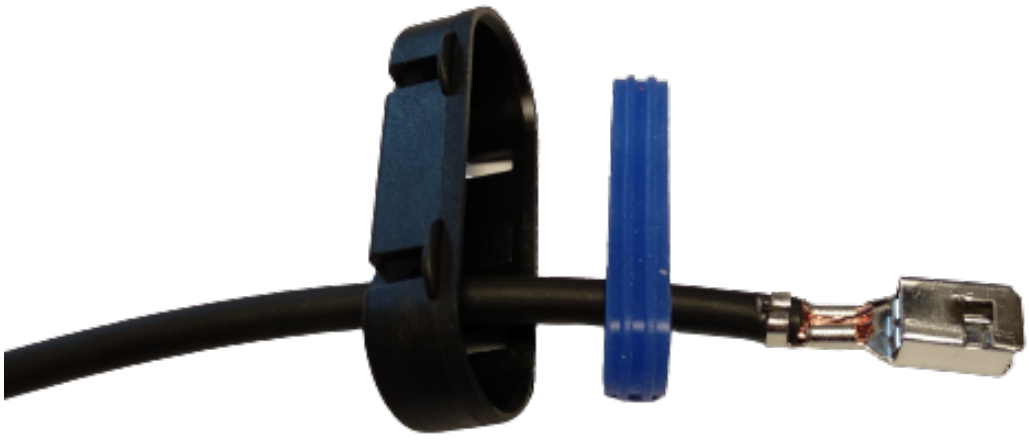
This wiring connector is also available as a pre-made pigtail from HPC under part number 102049-PIGTAIL and is assembled with 10AWG TXL automotive wire. You may also be interested in HPC PN 102007 which is a standalone radiator fan control kit specific for the Ford MKVIII radiator fans.

Installation Instructions

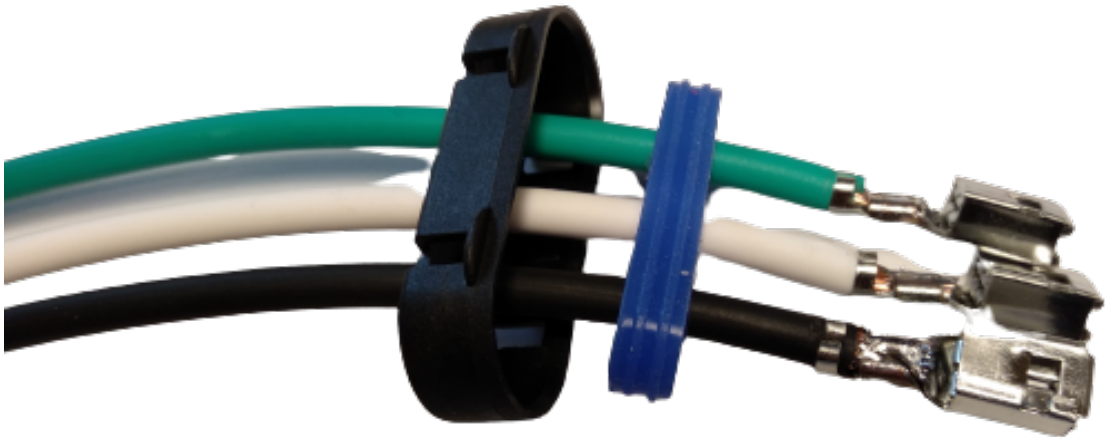
1. Strip the ends of the wires approximately 0.25 inches.
2. Slide the rear connector retainer into place over the wires as shown.

3. Slide the blue rubber seal over the wire as shown.

4. Crimp the terminal to the wire. We suggest this connection be soldered for best conductivity and strength. Ensure not to get solder into the terminal mating area as that may impede its ability to accept the mating terminal.

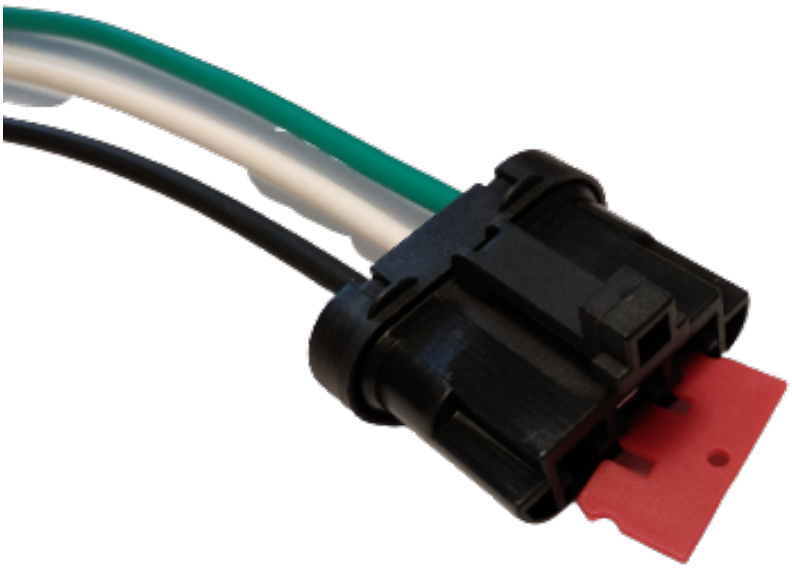


5. Repeat for the remaining wires.

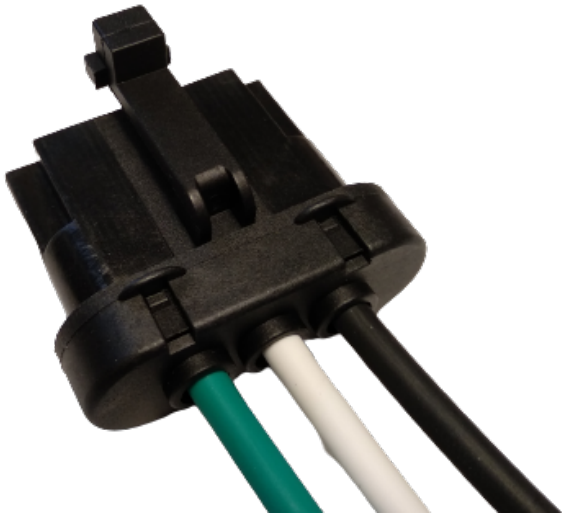


6. Push the terminal into the connector one at a time and ensure they latch into place. Then push the rear retainer and seal into place and snap it together.

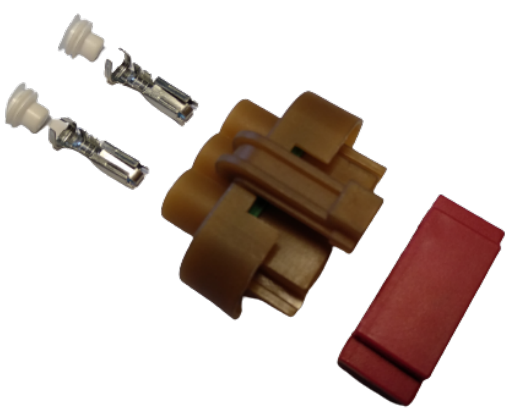
7. Slide the red lock tab into the front of the connector as shown. Then press it in until it is flush and snaps into place (this will require some force).



8. Confirm wire pin out is correct and confirm terminals and connector assembly is sound by tug testing the wires. Pin-out as shown: Black=Ground, White=Low speed, Green=High speed.



NOTE Some variants of this style of fan do not utilize the middle low speed wire so that wire may be unused in some applications. For the 2 pin version of this connector (shown below) please contact HPC.



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