



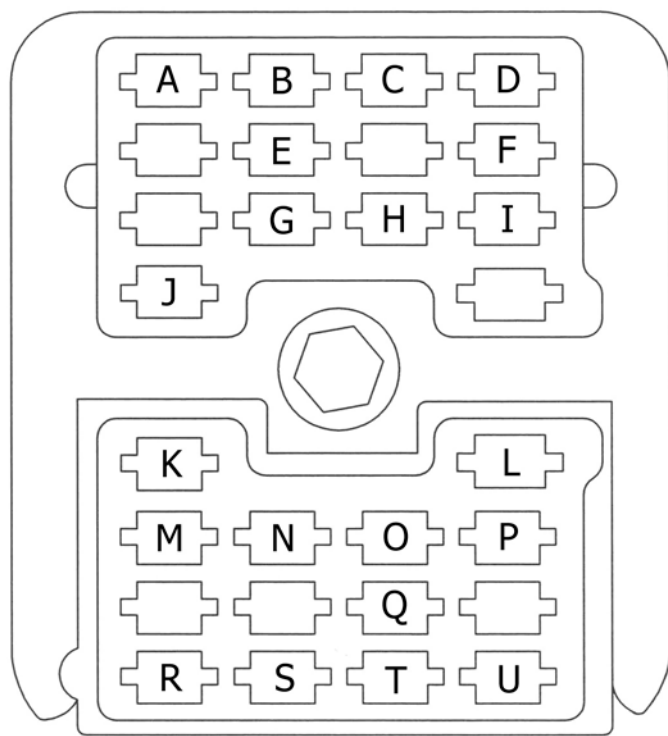
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21001

Replacement Engine Harness for Painless 20102 Wire Harness

1. Disconnect the battery.
2. Remove the old engine harness from the engine. Note: Keep track of which color wire goes to each item to aid in installing new harness.
3. Unscrew the old engine harness firewall connector from the main harness and unplug.
4. Use Illustration 1 or 2 from the next two pages (depending on which style firewall connector you have) to locate where to insert each new wire terminal into your old engine harness firewall connector. Illustration 1 shows the older style of bulk head connector which is obsolete and unavailable. Included in this replacement engine harness kit is a new bulk head connector, same as shown in illustration 2.
5. If you have a Painless Performance other than 20102 but would still like to replace your engine harness then you can still use this replacement engine harness kit. Just keep in mind there may be some missing wires and you will need to contact the Painless tech department in order to get the proper pin out of your bulk head connector.

Note: The connectors in illustration 1 and 2 are shown from the side that the wire would come out of.



- A** - Purple/White #923 Coil (-)
- B** - Orange #981 Heater Motor
- C** - Blue #974 Wiper Motor
- D** - Black #976 Washer Pump
- E** - Lt.Blue/Black #922 Oil Sender
- F** - Lt.Blue #973 Wiper Motor
- G** - Pink #920 Coil (+)
- H** - Black/White #902 A/C Compr.
- I** - Yellow #975 Wiper Motor
- J** - Purple #919 Starter
- K** - Tan #909 Headlight Low
- L** - Red #916 Battery
- M** - Lt.Green #908 Headlight High
- N** - Brown #927 Park Lights
- O** - Brown/Red #914 Voltage Reg.
- P** - Tan to Brake Warn Switch
- Q** - Blue #925 Right Front Turn
- R** - Green #924 Horn
- S** - Green #921 Temp Sender
- T** - Lt.Blue #926 Left Front Turn
- U** - Gray/White #901 Coolant Fan
(Relay Activation Only)

Illustration 1 Engine Harness Firewall Connector Style #1
(obsolete older style)

Note: The connectors in illustration 1 and 2 are shown from the side that the wire would come out of.

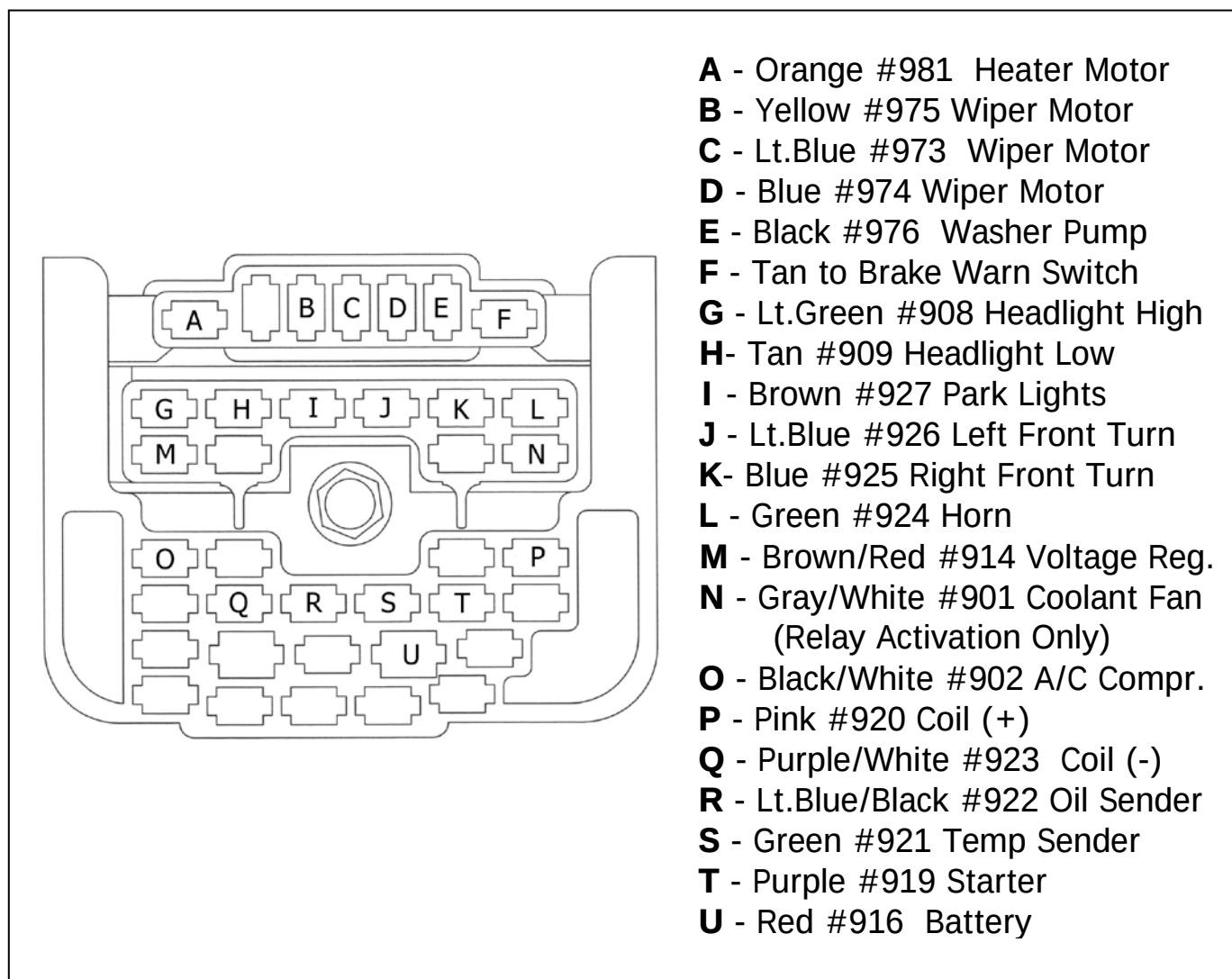


Illustration 2 Engine Harness Firewall Connector Style #2
(Same as connector included in this kit.)

6. Plug the engine harness into the main harness after all the wires have been installed into the engine harness connector.
7. Route the other ends of the wires out and connect to the items as listed in illustration 1 and illustration 2. If you are unsure of how to properly connect these wires then we suggest you download from our website www.painlessperformance.com the manual #90522. The 90522 manual shows all of these engine compartment connections that were originally made with the Painless Performance #20102 Camaro/Firebird harness.
8. Reconnect the battery and test for proper operation.

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.