

PHP - Technical Bulletin



Bulletin Number: TB-231101

Subject: P21A-T802 Drop In Heater Wiring Connections To Espar Harness

Issue Date: November 10, 2023

Scope: P21A-T802 Drop-In Heater and all other P21A heaters
P41A can also be modified to work.

Complaint:

The P21A heater is designed to be able to be installed using an Espar D2/D4 wiring harness. However, an explanation is required to show how P21A heater matches with Espar wiring harness.

Resolution:

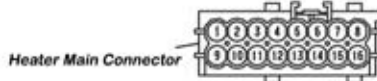
This Technical Bulletin provides explanation of how wiring of P21A Heater matches to Espar wiring harness.

The P21A is designed to easily be installed as a drop in replacement for an Espar Airtronic D2 heater. This allows installers the option to either use the wiring harness provided with the PHP installation kit or simply plug into an Espar wiring harness to utilize existing wiring.

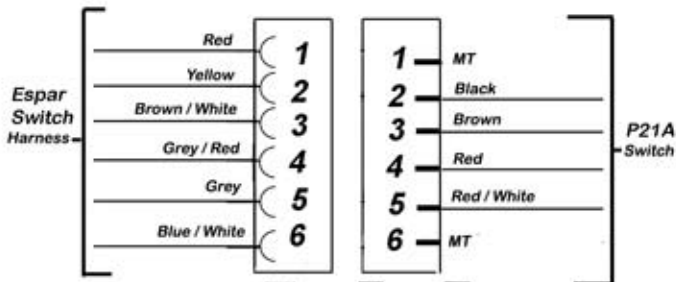
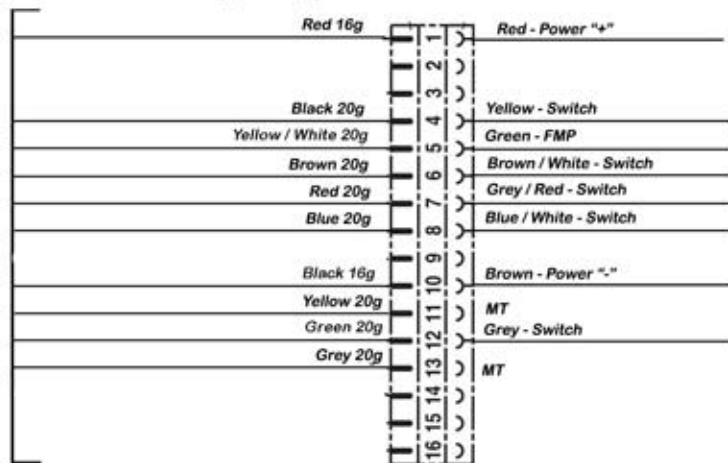
Before installing the heater, the installer should check the wiring to confirm it matches the following;

**NOTE: Heater wire colours vary depending upon production models.
Check heater serial number to see what version of heater you have.**

Production Batch 4622 Only



Main Connector for
Espar Harness

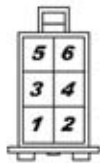


Harness Connections to Connect P21A Heater to Espar D2 Harness

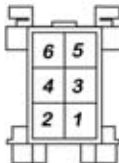
This is how your wiring should match up for P21A heater with production batch 4622

Production Batch is part of heater Serial Number:
S/N: 21AA-4622-XXXX

TE-929504-2
6-Pin Connector
Wire side shown



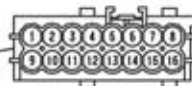
TE-929505-2
6-Pin Connector



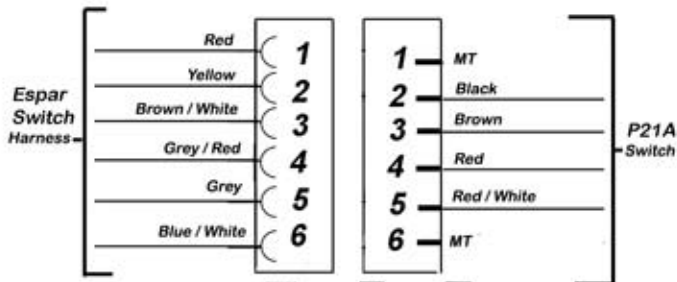
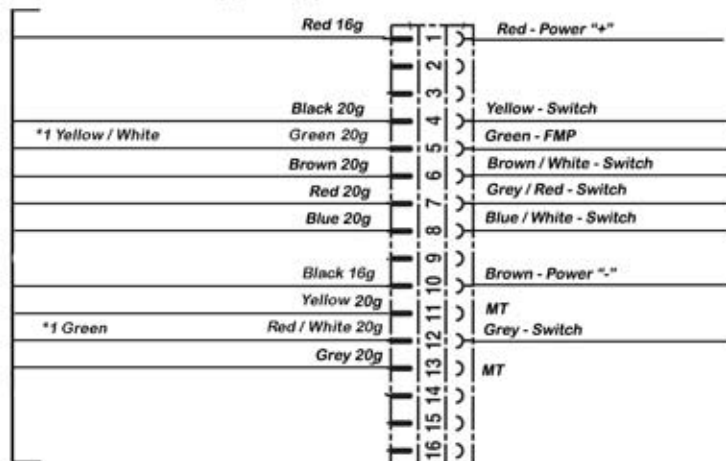
Production Batch 5022 Only

*1 Note:
Some of the 5022 Production Batches
have same wiring as 4622 Production Batch

Heater Main Connector



Main Connector for
Espar Harness

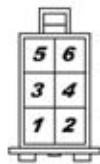


Harness Connections to Connect P21A Heater To Espar D2 Harness

This is how your wiring should match up for P21A heater
with production batch 5022

Production Batch is part of heater Serial Number:
S/N 21AA-5022-XXXX

TE-929504-2
6-Pin Connector
Wire side shown



TE-929505-2
6-Pin Connector

