

Bulletin Number: TB-231101

Subject: [P21A-T802](#) Drop In Heater Wiring Connections To Espar Harness

Issue Date: Nov. 10, 2023 (Revised May 23, 2025)

Scope:

Heaters: [P21A-T802](#) Drop-In Heater.

Note: [P41A-T802](#) can also be modified to work.



Complaint:

The P21A-T802 heater is designed to be able to be installed using an Espar Airtronic D2/D4 wiring harness. However, an explanation is required to show how P21A-T802 heater matches with Espar wiring harness.

Resolution:

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

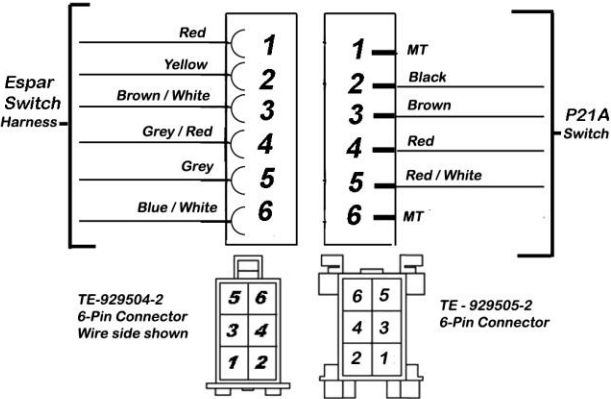
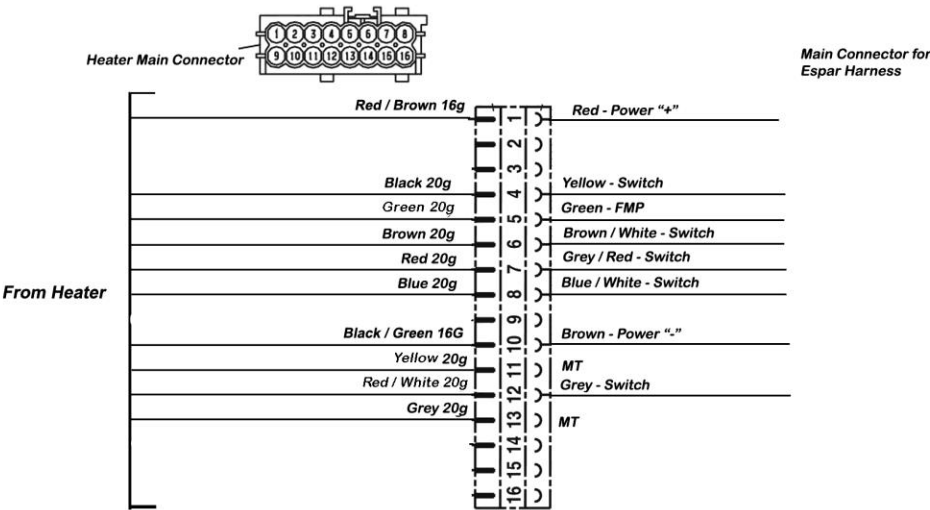
The P21A-T802 is designed to easily be installed as a drop in replacement for an Espar Airtronic D2 heater model 25 2069 05. This allows installers the option to either use the wiring harness provided with the PHP installation kit or simply plug into an Espar wiring harness to utilize existing wiring.

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
3823 Only



Harness Connections to Connect P21A Heater To Espar D2 Harness

This is how your wiring should match up for P21A heater with production batch 3823

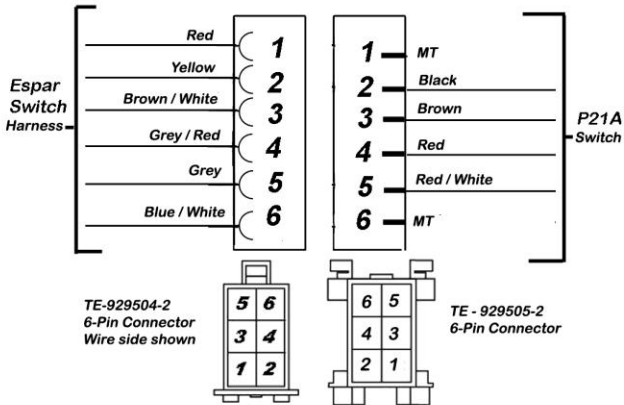
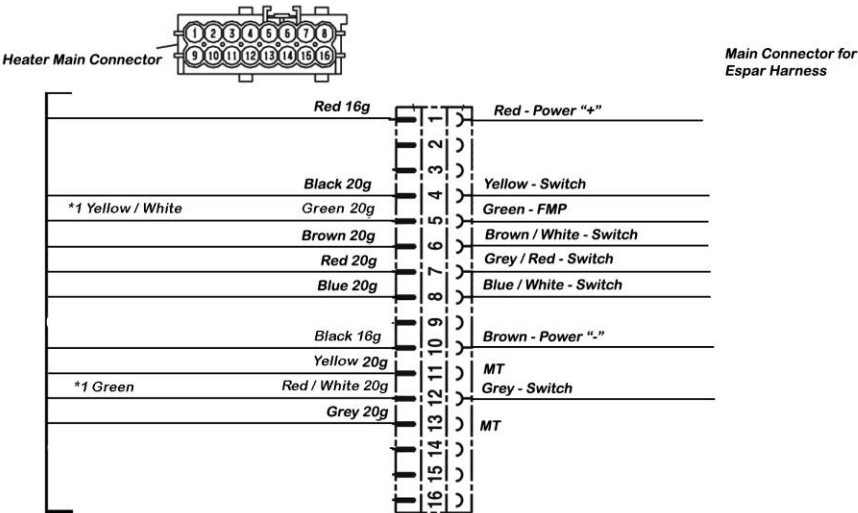
Production Batch is part of heater Serial Number:
S/N 21AA-3823-XXXX

Revision: R0 May 23, 2025



**Production Batch
5022 Only**

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



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*

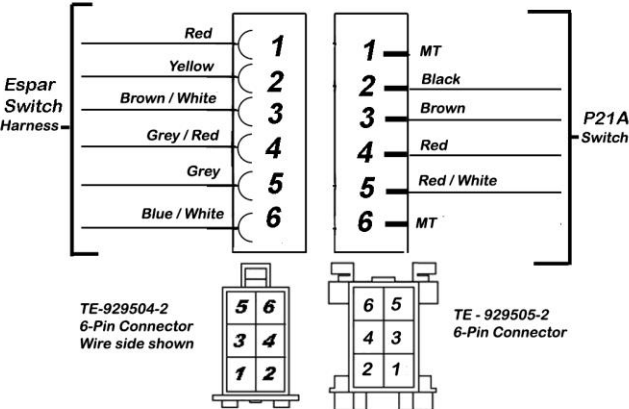
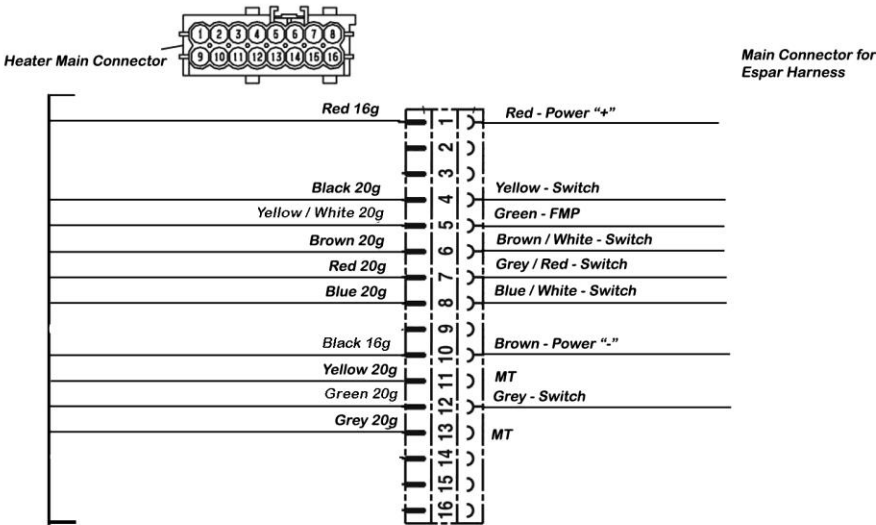
*Production Batch is part of heater Serial Number:
S/N 21AA-5022-XXXX*

Revision: R3, Jan. 30, 2023

P21A_WI_R1



**Production Batch
4622 Only**



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**

Revision R1, Jan. 26, 2023
P21A_WI_R1