

## ALTERNATOR SYSTEM CONNECTOR QUESTIONS

USE THE QUESTIONS BELOW TO PERFORM A PROPER CROSS-REFERENCE

### CUSTOMER QUESTIONS: ZEFTRONICS PRODUCT CONNECTORS

Customer wants to know if the connector will match the airframe side of the aircraft.

#### 1. Common solutions

R15100 Rev A: 4 spade metal flat tabs/pins. Unless the aircraft side is modified or it's a new engine installation, connector should match

R15V00 Rev A: 4 spade metal flat tabs/pins. Unless the aircraft side is modified or it's a new engine installation, connector should match

R1510N: Has 2 screw terminals – F and I. The case is ground.

R15V0N: Has 4 screw terminals – F1, F2, I and W. The case is ground. W is for Low Voltage & Over-Voltage Indication. The use of W is optional.

R1510L: 3 bare wires: May require female quick disconnects or butt / handshake splices to match airframe side

R15V0L: 4 bare wires: Fourth wire used for Over-Voltage indication for the instrument panel. Cap off white wire if not used. May require quick disconnects to match airframe side

R15300: Black plastic connector: Unless the aircraft side is modified or it's a new engine installation, connector should match

R1530B: Metal Military Style (MS) Cannon plug: Unless the aircraft side is modified or it's a new engine installation, connector should match

R25101 Rev A & R25102 Rev A: Flat plastic clear plug: Unless the aircraft side is modified or it's a new engine installation, connector should match

R251DR: Female Quick disconnects on the ends of 3 wires: Unless the aircraft side is modified or it's a new engine installation, connector should match

R25400: 7 Pin Black Connector: 6<sup>th</sup> and 7<sup>th</sup> pins are not used in Cessna installation. Unless the aircraft side is modified or it's a new engine installation, connector should match

R2510N: Has 2 screw terminals – F and I. The case is ground.

R25V0N: Has 4 screw terminals – F1, F2, I and W. The case is ground. W is for Low Voltage & Over-Voltage Indication. The use of W is optional.