

This wire to be connected directly
to + Battery terminal The wire to the heater
is a separate wire from this one

24V Battery +Ve terminal

RED

WHITE From Heater

BLACK

Battery -Ve terminal

This wire to be
connected directly
to FET leg

Keep these
leads short

17 VOLTS OUT
(16.2V to 17.55V)

Regulator Output Volts
must be <20V for Vgs limit
and > 13.5V for FOD3120 low volts lockout
FOD3120 recommended 15V to 30V

C1 to be mounted
directly across
VCC - GND pins of FOD3120

Europa Heater Rev 5
22nd June 2021

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