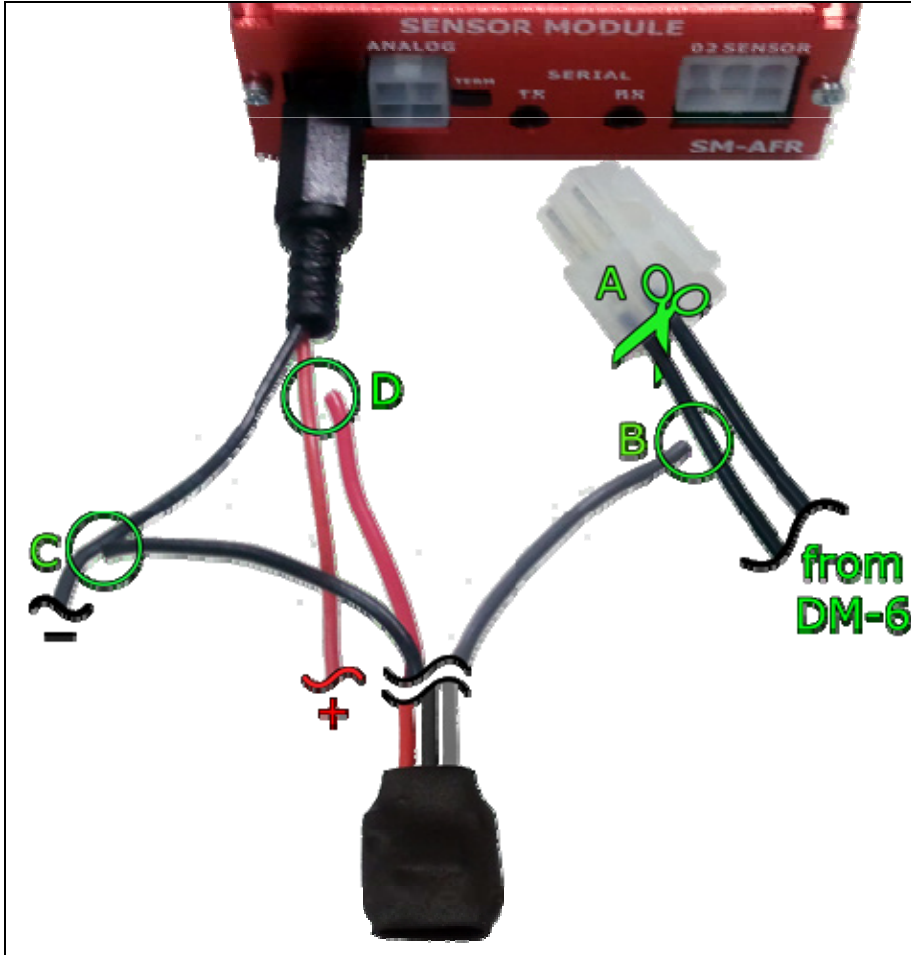


# 8 V Converter for DM-6 User Manual

**IMPORTANT! Read Before Use!**

8 V Converter is required for all Sensor Modules except SM-AFR Gen 2.

**CAUTION!** Connecting the red and black wires in reverse polarity may damage the 8 V Converter!



**Does your Sensor Module have an 8 V pin?**

In the manual for your Sensor Module, if the analog output port shows GND on the bottom-left pin, the 8 V Converter must be used. Below are images of the analog output port.

3.3V  
GND

Converter required

3.3V  
8V

Converter NOT required

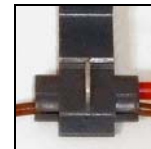
## Installation Instructions

- A. Cut bottom **black** 8 V wire on DM-6 Molex connector
- B. Splice **GRAY** 8 V Converter wire to the wire\* in Step A  
\*side not connected to Molex connector
- C. Splice **BLACK** 8 V Converter wire to a ground source
- D. Splice **RED** 8 V Converter wire to a 12 V power source



Item Checklist:		
Item	Qty	Image
8 V Converter	1	
Splicer	3	

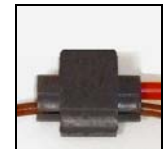
## Splicer Instructions



1.) Thread wires in splicer



2.) Clamp with pliers



3.) Close splicer