



blue mountain avionics

Product	EFIS Lite/Plus/Sport Gen 4	
Release	ALL	
Subject	Wiring Correction for the Garmin 430 installation.	
Original	09/27/2006	Larry Romig

Subject:

This application note corrects the wiring chart found in the EFIS Lite/Plus/Sport Generation 4 Installation Manual found in Appendix E.

Correction:

The wiring chart shows EFIS Connector DB25 pins 14 and 16 (OBS Stator Wires) as not wired to the Garmin 430. This worked previously for the earlier Generation 3 products but will not work for the generation products. Gen 4 products needs these wires connected in the chart on the following page.

Please don't forget that the Garmin 430 needs to be calibrated the EFIS unit for OBS and your Garmin manual outlines this for you.

DB25 Connection Chart

EFIS/LITE/Plus/Sport DB-25 Female Connector			
EFIS Pin	Connection	Function/Signal	430/530 Pin
1	GS + Down	-/+ 150mV DC full scale	28
2	GS + Up	+/- 150mV Dc full scale	27
3	GS Good -	GS Good - valid Flag	30
4	GS Good +	250mV when GS is valid	29
5	CDI + Right	+/- 150mV DC full scale	22
6	CDI - Left	-/+ 150mV DC full scale	21
7	LOC (Nav) Good -	Localizer Good - valid Flag	24
8	LOC (Nav) Good +	250mV when LOC is Good	23
9	TO +	250mV when TO is valid	25
10	FROM +	250mV when From is valid	26
11	OBS Rotor H		31
12	OBS Rotor C		32
13	OBS Stator D		33
14	OBS Stator E		34
15	OBS Stator F		35
16	OBS Stator G		36
17	Ground	Connect to Shield	
18	Ground		
19	Ground		
20	OAT Ground	OAT Black wire	
21	OAT Signal	OAT Yellow wire	
22	OAT +5V	OAT Red wire	
23	Not Used		
24	Not Used		
25	Not Used		

The Garmin 430 connector is P-4001

The Garmin 530 connector is P-5001