

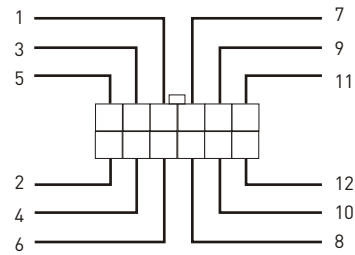
SKYBRAKE F15 SETUP GUIDE

RESEARCH DEVELOPMENT MANUFACTURING

F15 CONNECTORS AND LEDS

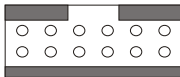


Main Data Connector



1. Power feeding of +12/+24V (best directly from the battery) required
2. Ground (earthing for the vehicle) required
3. Relay
4. Relay
5. SW1 (activated at +12/+24V)
6. Ignition (+12/+24V only when the ignition of the vehicle is switched on) required
7. SW3 (activated only if connected to the ground)
8. SW2 (activated at +12/+24V)
9. Analog 2 (voltage from the sensor of the fuel level of the vehicle 0 ...+5V)
10. Analog 1 (voltage from the sensor of the fuel level of the vehicle – amplitude modulated pulse)
11. Analog 4 (voltage of the fuel bar 0V ... +5V)
12. Analog 3 (voltage of the fuel bar 0V ... +5V)

I-Button Connector



Antenna Connector

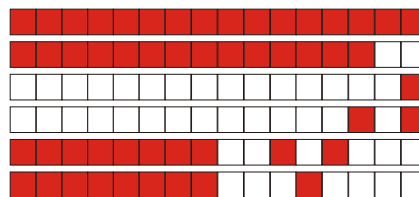


Analog 1& 2 data are transmitted if GBox setup is set to Analog in 1.
Analog 3& 4 data are transmitted if GBox setup is set to Analog in 3.



GSM Status LED (Red)

Light Blink Error Code

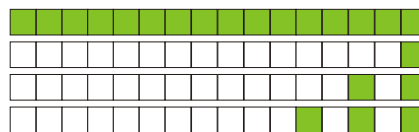


Description

- GPRS connected
- GPRS error
- Searching for GSM network
- GPRS not attached*
- SIM card error**
- System error

GSM Status LED (Green)

Light Blink Error Code



Description

- GPS ok
- No GPS signal
- GPS antenna open***
- GPS antenna short

* GPRS service not available for this SIM

** no SIM card inserted, SIM inserted incorrectly or SIM card has PIN lock on

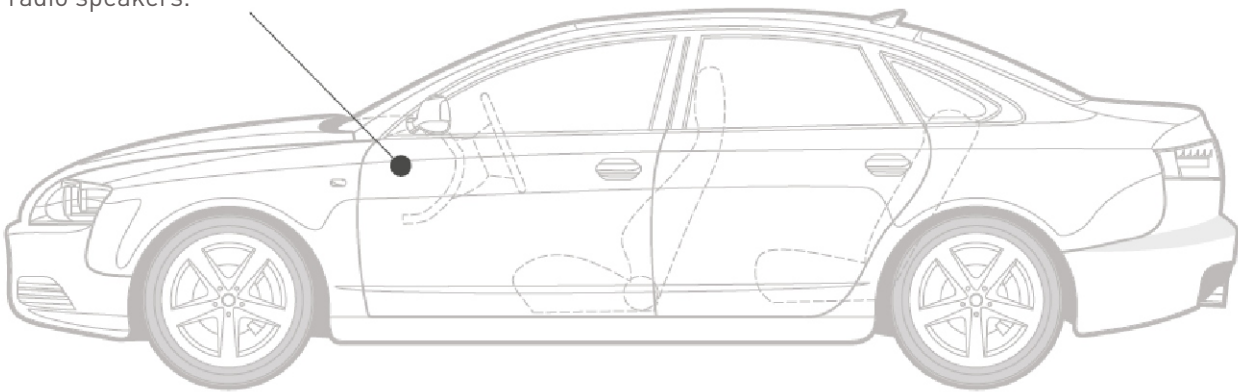
*** GPS antenna not connected

F15 & ANTENNA PLACEMENT

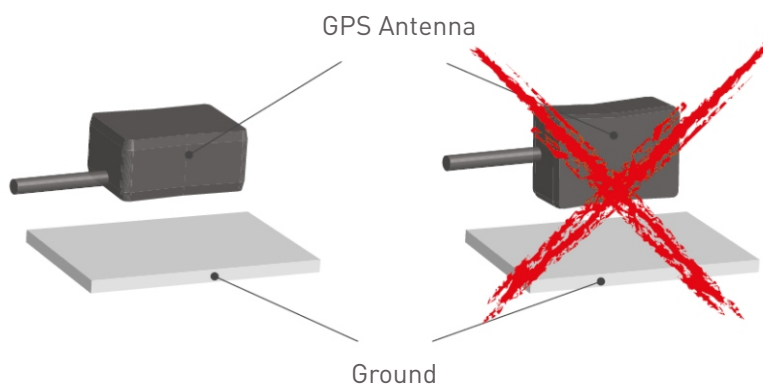
GPS antenna can be mounted e.g. in the interior, close to the windshield. Just keep in mind that the antenna has to have a good view at the sky and must NOT be obstructed by metal objects or materials that contain metal particles.

For a covert installation, it is recommended that both the unit and the antenna be positioned under the dash. Antennae can 'see' through plastic, glass and cloth, but NOT metal. Ideally the position should be away from car radio speakers and approximately 3-6" from the lower leading edge of the car windshield for best GPS and radio communications.

It is essential that no metal be between the antenna and the sky view and it should be away from car radio speakers.



PLACING THE UNIT CLOSE TO RADIO OR PARALLEL TO SPEAKER CABLE, MAY RESULT IN SIGNAL INTERFERENCE!



GPS ANTENNA SHOULD ALWAYS BE PARALLEL TO GROUND!