



AiM InfoTech

Skoda

Fabia R5 2015 – 2018

Fabia R5 EVO2 from 2019

Release 1.00



ECU



1

Models and years

This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream.

Supported models and years are:

- Skoda Fabia R5 2015 - 2018
- Skoda Fabia R5 EVO2 from 2019

2

Wiring connection

These models feature a loom extension supplied by the car manufacturer which has a DTM 4 pin connector on one end carrying CAN and power supply contacts.

It is strongly recommended to refer to a skilled technician to perform this kind of installation. For this installation refer to the following pinout of the "video camera communication loom" DTM 4 ways connector and connection table:

"Video Com loom" conn. pin	Function	AiM Color Cable	AiM Cable
1	V Battery	Red	9-15V
2	Ground	Black	GND
3	CAN H	White	CAN+
4	CAN L	Blue	CAN-

3

Race Studio configuration

Before connecting the AiM device to the ECU, set all functions using AiM software Race Studio. The parameters to set in the device configuration are:

- ECU manufacturer: **SKODA**
- ECU Model: **Fabia R5 SRG (RS3 only)**

4

"SKODA – Fabia R5 SRG" protocol

Channels received by AiM devices configured with "SKODA – Fabia R5 SRG" protocol are:

CHANNEL NAME	FUNCTION
RPM	Engine speed
Gear	Selected gear
Car Speed	Vehicle speed
AccelPedal	Pedal accelerator ratio
FrontBrkPress	Front brake pressure
pHandBrake	Handbrake pressure
SteeringPos	Steering position angle
TripDist2	Trip distance 2
GDUOutLed	GDU output led
StRoadMode	Status road mode (=1) - Special stage (=0)

Technical note: not all data channels outlined in the ECU template are validated for each manufacturer's model or variant; some of the outlined channels are model and year specific, and therefore may not be applicable.