AiM InfoTech

Skoda
Fabia RS Rally2 from 2022

Release 1.00

ECU

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Models and years

This document explains how to connect AiM devices to the vehicle CAN data stream. Supported models and years are:

- Skoda Fabia RS Rally2 (SW: AVL400)   2022-2023
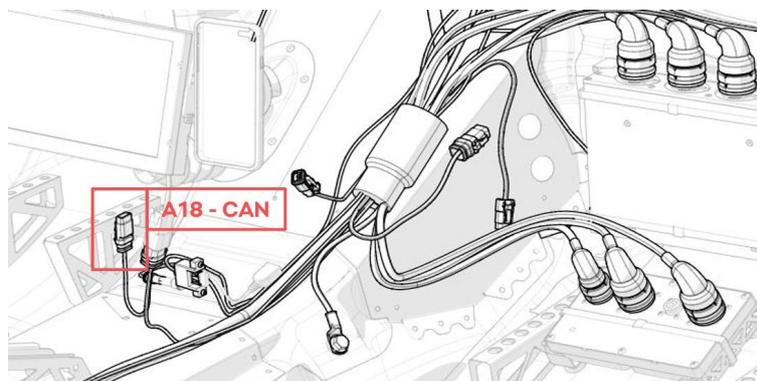- Skoda Fabia RS Rally2 (SW: AVL420 AVL420A dataset 24cw02)   from 2024

ECU CAN connection

These models feature a Camera CAN loom connection which has a DTM06-3S-E007 3 pin connector (A18 CAN).

Please note: it is strongly recommended to refer to a skilled technician to perform this installation.

Please refer to the following pinout of the "Camera CAN loom" DTM 3 ways connector and connection table:

"Video CAN loom" conn. pin	Function	AiM Color Cable	AiM Cable
1	CAN_H	White	CAN+
2	n/c		
3	CAN_L	Blue	CAN-

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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 RS Rally2 – 2024 AVL420 (RS3 only)
  Fabia RS Rally2 – 2022 AVL400 (RS3 only)

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"SKODA – Fabia RS Rally2"protocols

Channels received by AiM devices configured with "SKODA – Fabia RS Rally2" protocols are:

CHANNEL NAME	FUNCTION
EngineRPM	Engine speed
Gear	Selected gear
VehicleSpeed	Vehicle speed
PedalPosition	Pedal accelerator ratio
SteeringAngle	Steering angle position
FrontBrakePres	Front brake pressure
RearDiffClutchP	Rear differential clutch pressure / Handbrake
AcvShiftRcmn1	Gear status 1
AcvShiftRcmn2	Gear status 2
AcvShiftRcmn3	Gear status 3
STRoadMode	Status road mode (=1) - Special stage (=0)
TripDistance2	Trip distance 2

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.