AiM Infotech

Olsbergs MSE ECU

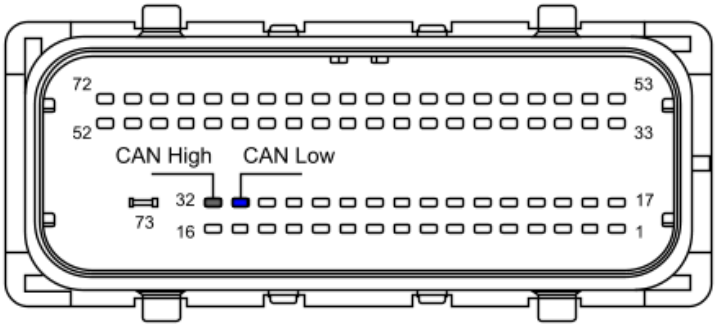
Release 1.00

ECU

This tutorial explains how to connect Olsbergs MSE vehicles to AiM devices.

1
Connection to AiM devices

Olsbergs MSE vehicles are equipped with a dedicated AEM Infinity ECU that features a bus communication protocol based on CAN. Infinity ECU has two front Molex connectors: one grey and the other blue. To connect it to AiM devices use the grey one. Here below is connector pinout – front view –as well as connection table.



Molex connector pin	Pin function	AiM cable
C1-32	CAN High	CAN+
C1-31	CAN Low	CAN-

2
AiM device configuration

Before connecting the device to the ECU set it using AiM Race Studio software. The parameters to select in the device configuration are:

- ECU manufacturer: “Olsbergs”
- ECU Model: "MSE"

3
Available channels

Channels received by AiM devices connected to "Olsbergs" "MSE" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	ECU_RPM	RPM
ECU_2	ECU_THROTTLE	Throttle position sensor
ECU_3	ECU_GEAR	Engaged gear
ECU_4	ECU_GBOX_TMP	Gearbox temperature
ECU_5	ECU_AIR_TEMP	Intake air temperature
ECU_6	ECU_OIL_TEMP	Oil temperature
ECU_7	ECU_ECT	Engine coolant temperature
ECU_8	ECU_FUEL_PRE	Fuel pressure
ECU_9	ECU_WATER_PRE	Water pressure
ECU_10	ECU_CRANK_PRE	Crank pressure
ECU_11	ECU_MAP	Manifold air pressure
ECU_12	ECU_LAMBDA1	Lambda value 1
ECU_13	ECU_LAMBDA2	Lambda value 2
ECU_14	ECU_VEH_SPD	Vehicle speed
ECU_15	ECU_V_BATT	Battery supply
ECU_16	ECU_OIL_PRE	Oil pressure
ECU_17	ECU_ERR_COD	Error code
ECU_18	ECU_LIMITER	Speed limiter
ECU_19	ECU_LAU_SW	Launch switch
ECU_20	ECU_LAU_RPM	launch RPM