AiM Infotech

Mitsubishi Colt
2004-2008

Release 1.03

This tutorial explains how to connect AiM devices to Mitsubishi Colt. Supported years are:
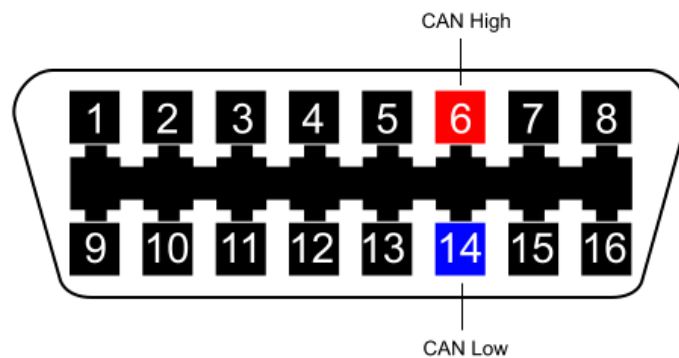
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Wiring connection

Mitsubishi Colt features a bus communication protocol based on CAN on the OBDII plug placed below the stock dash, right on the driver area as shown here below.

Connector pinout as well as connection table are shown here below

OBDII connector pin	Pin function	AiM cable
6	CAN High	CAN+
14	CAN Low	CAN-

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AiM device configuration

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

- ECU manufacturer "Mitsubishi"
- ECU Model "Colt";

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Available channels

Channels received by AiM loggers connected to "Mitsubishi" "Colt" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	C_RPM	RPM
ECU_2	C_VEH_SPEED	Vehicle speed
ECU_3	C_WH_SPEED_FL	Front left wheel speed
ECU_4	C_WH_SPEED_FR	Front right wheel speed
ECU_5	C_WH_SPEED_RL	Rear left wheel speed
ECU_6	C_WH_SPEED_RR	Rear right wheel speed
ECU_7	C_PPS	Pedal position
ECU_8	C_TPS	Throttle position
ECU_9	C_ECT	Engine Coolant temperature
ECU_10	C_OILP_SW	Oil pressure switch
ECU_11	C_IAT	Intake air temperature
ECU_12	C_MAP	Manifold air pressure
ECU_13	C_BRAKE_SW	Brake switch
ECU_14	C_BATT	Battery supply
ECU_15	C_FUEL_LEV	Fuel level
ECU_16	C_LAMBDA	Lambda value
ECU_17	C_MIL	Malfunctioning indicator lamp
ECU_18	C_ABS_ALARM	ABS alarm
ECU_19	C_BRK_ALARM	Brake alarm

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