

AiM Infotech

Mitsubishi Colt  
2004-2008

Release 1.00

---



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

- Mitsubishi Colt 2004-2008

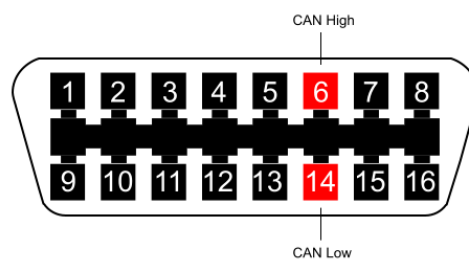
# 1

## Wiring connection

Mitsubishi Colt is equipped with an OBDII plug placed below the stock dash, right on the driver area as shown here below.



The ECU communicates using the CAN Bus on the OBDII connector. Connector pinout as well as connection table are shown here below



### OBDII connector pin

6

14

### Pin function

CAN High

CAN Low

### AiM cable

CAN+

CAN-

## 2

# AiM Logger configuration

---

Once the ECU connected to the logger, set up the logger as follows:

Run Race Studio 2 software and select:

- Device Configuration -> select the device you are using;
- select the configuration or press "New" to create a new one;
- select ECU manufacturer "Mitsubishi" and ECU Model "Colt";
- transmit the configuration to the device pressing "Transmit".

# 3

## 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