

AiM Infotech

Marelli SRT-BSD ECU

Release 1.01



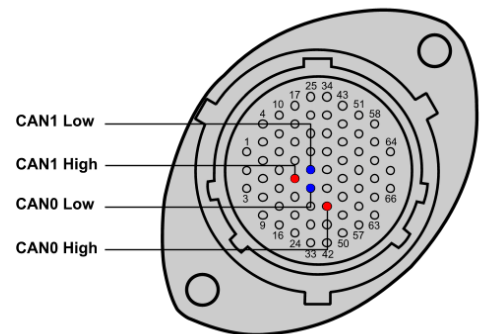
ECU



This tutorial explains how to connect Marelli SRT-BSD for Bikes Sport Development ECU to AiM devices.

1 Wiring connection

Marelli SRT-BSD ECU features two bus communication protocols based on CAN on the front left 66 pins Deutsch connector highlighted here below on the left; on the right you see connector pinout and below the connection table.



35 Pins Deutsch connector

Pin function

21	CAN1 High
29	CAN1 Low
40	CAN0 High
30	CAN0 Low

AiM cable

CAN High
CAN Low
CAN High
CAN Low

2 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 "Marelli"
- ECU Model "SRT-BSD"

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Available channels

Channels received by AiM devices connected to "Marelli" "SRT-BSD" protocol are:

ID	CHANNEL NAME	FUNCTION
ECU_1	ECU_RPM	RPM
ECU_2	ECU_WHE_SPD_F	Front wheel speed
ECU_3	ECU_THROTTLE	Throttle position sensor
ECU_4	ECU_GEAR	Engaged gear
ECU_5	ECU_TC_SW_POS	Traction control switch position
ECU_6	ECU_BRAKE_P	Brake pressure
ECU_7	ECU_WATER_T	Engine coolant temperature
ECU_8	ECU_OIL_P	Oil pressure
ECU_9	ECU_FUEL_P	Fuel pressure
ECU_10	ECU_TC_RETARD	Traction control retard
ECU_11	ECU_TC_CUT	Traction control cut
ECU_12	ECU_AIR_T	Intake air temperature
ECU_13	ECU_WHE_COR	Wheel slip correction
ECU_14	ECU_LEAN_ANG	Leaning angle