

Aprilia
RSV4 Racing Kit



INTRODUCTION

AIM has developed a special application for Aprilia RSV4 Racing kit and **EVO4**: by special application we mean a user friendly systems which allow to easily connect the ECU to **EVO4** just installing harness between the logger and the ECU.

Once connected, the stock dash displays values like RPM, the map selected, fuel level, battery voltage, speed, gear, water temperature...and in the meantime AIM loggers record the same values.

EVO4 include – free of charge – **Race Studio 2** software, a powerful tool to configure the system and analyze recorded data on your PC.

**Warning: once the ECU is connected to the logger it is necessary to set it in the logger configuration in Race Studio 2 software.
Select Manufacturer: “APRILIA”, Model: “RSV4_KIT_RACING”.**

Chapter 1 – Bike Models and connection to AIM loggers

AIM **EVO4** supports Aprilia RSV4 Racing Kit.

The bike has a CAN communication protocol used to communicate parameters to an external logger and is equipped with two 55 pins connector: a yellow one and a red one.

To connect the bike to **EVO4** use the red connector and connect:

- **AIM cable labelled CAN-** to **pin 25**;
- **AIM cable labelled CAN+** to **pin 32**;

Chapter 2 – Supported channels

Channels received by AIM loggers connected to Aprilia RSV4 Racing Kit ECU are:

ID	CHANNEL NAME	FUNCTION
ECU_1	KIT_RPM	RPM
ECU_2	KIT_PIT_LANE	PIT LANE LIMITER