AiM Infotech

Triumph
Daytona 675 2006-2012
Street Triple 2007-2012
Speed Triple 2007-2012

Release 1.00

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Supported models and years

This user guide explains how to connect AiM devices to your Triumph bike. Supported models and years are:

- Triumph   Daytona   2006-2012
- Triumph   Street Triple   2007-2012
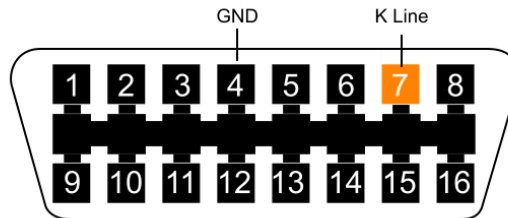- Triumph   Speed Triple   2007-2012

2
K-Line connection

Triumph bikes are equipped with a bus communication protocol based on K-Line on the OBDII diagnostic connector placed under the bike seat and shown here below.

The image below shows OBDII connector pinout and connection table.

OBDII connector pin	Pin function	AiM cable
7	K-Line	K-Line
4	GND	GND

3
Configuration with Race Studio 2

Before connecting the bike ECU to AiM device set this up using AiM Race Studio 2 software. The parameters to select in the logger configuration are:

- ECU Manufacturer: "Triumph"
- ECU Model: "BIKE_K_LINE"

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Available channels

Channels received by AiM Devices connected to "Triumph" "BIKE_K_LINE" protocol are.

ID	CHANNEL NAME	FUNCTION
ECU_1	ECU_RPM	RPM
ECU_3	ECU_ENG_TMP	Engine Coolant Temperature
ECU_4	ECU_THROTTLE	Throttle position sensor
ECU_5	ECU_IN_AIR_T	Intake Air Temperature
ECU_6	ECU_MAN_PRES	Manifold Air Pressure

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.