



PK-POWER

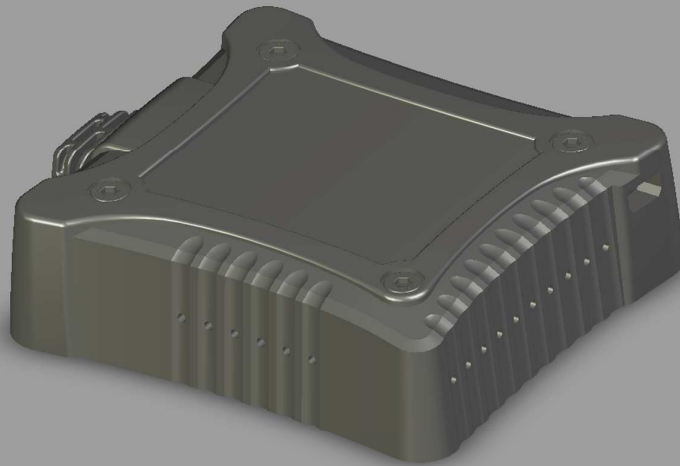
**Pk-Power Dragon
Documentation & Installation
Aprilia RSV-Mile 2004-2009**

Version 1.1

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Warning !!!

This product is intended to be used only on racing vehicles on closed courses. It is not for use on vehicles subject to emission control requirements or on any vehicle that is registered or licensed for use on public roads



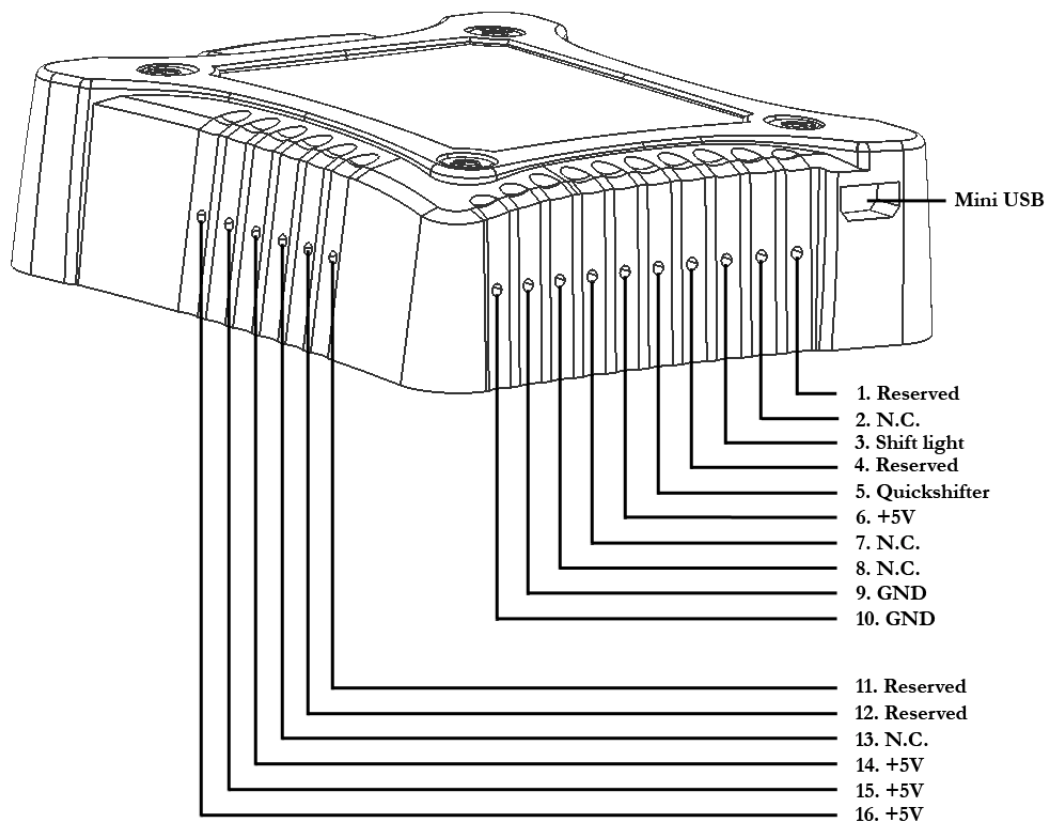
Part list

1. Pk-Power Dragon
2. Velcro ® Strip

Please read these instructions carefully before starting installation

1 Accessory Inputs

On the bottom side of the Pk-Power Dragon device a screw for each input is situated. Initially loose the selected screw, insert the wire into the corresponding input and subsequently tighten the screw.



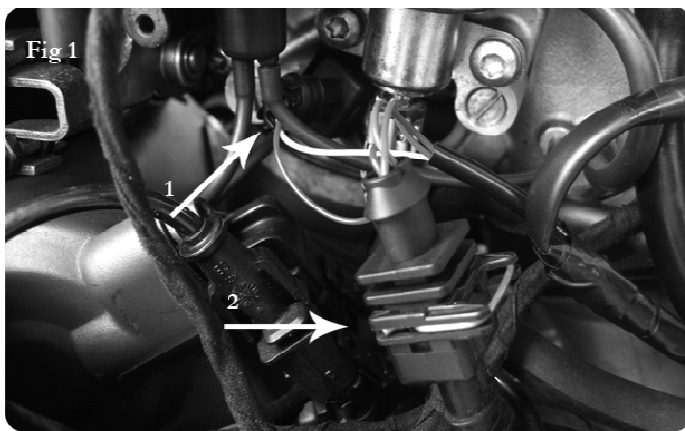
1. **Reserved**– Reserved for future use
2. **N.C.** – not connected
3. **Shift Light** – any shift light may be inserted into this input. Connect the negative pole of the shift light to this input. The positive pole of the shift light must be connected to the +12V battery terminal.



4. **Reserved**– Reserved for future use
5. **Quickshifter** – The Pk-Power Quickshifter may be inserted into this input. The Pk-Power Quickshifter disposes of two wires. Run any wire into this input. The second wire must be inserted into GND of the Pk-Power Dragon Device (Input 9 or 10). The polarity is thereby of no significance.
6. **+5V** – Do NOT connect anything to this input unless instructed to do so by the Pk-Power directions.
7. **N.C.** – not connected
8. **N.C.** – not connected
9. **GND** – Do NOT connect anything to this input unless instructed to do so by the Pk-Power directions.
10. **GND** – Do NOT connect anything to this input unless instructed to do so by the Pk-Power directions.
11. **Reserved**– Reserved for future use
12. **Reserved**– Reserved for future use
13. **N.C.** – not connected
14. **+5V** – Do NOT connect anything to this input unless instructed to do so by the Pk-Power directions.
15. **+5V** – Do NOT connect anything to this input unless instructed to do so by the Pk-Power directions.
16. **+5V** – Do NOT connect anything to this input unless instructed to do so by the Pk-Power directions.

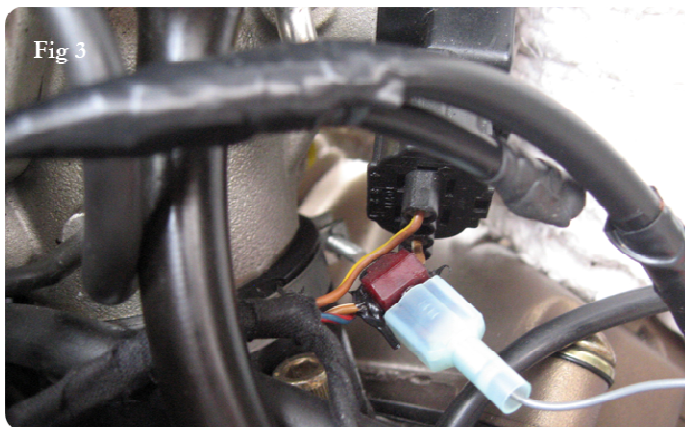
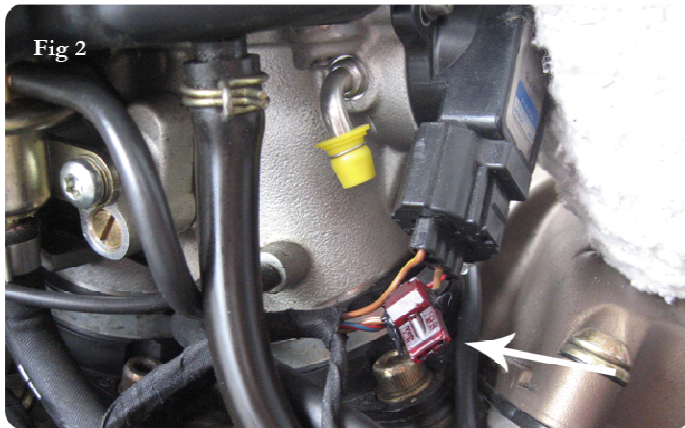
2 Installation

The following sections describe the installation of the Pk-Power Dragon device. **Please make sure the ignition is turned off before installation.**



1. Remove the seat.
2. Remove the fuel tank cover and pull the fuel tank backwards. Removing the fuel tank is not required.
3. Lay the Pk-Power Dragon device in the tail section and run the Pk-Power Dragon wiring harness underneath the bodywork on the **left** side of the bike. Route the Pk-Power wiring harness underneath the fuel tank on the **left** side of the bike.
4. Unplug the connector of the **front** injector(Fig. 1)
5. Attach the connectors of the Pk-Power Dragon wiring harness to the injector and vehicle connector. Make sure the connector of the Pk-Power Dragon is attached to the **front** injector using the **yellow** wire.
6. Repeat this procedure for the rear cylinder as well.

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7. Locate the **black** throttle connector with the wire colors **brown/yellow, brown/white and red/blue** (see Fig. 2).
8. Fix the provided wire tap on the **middle-brown/white** wire (see Fig. 2)
9. Fix the connector on the **grey** wire of the Pk-Power Dragon wiring harness up to the stop collar to the wire tap (Fig. 3)

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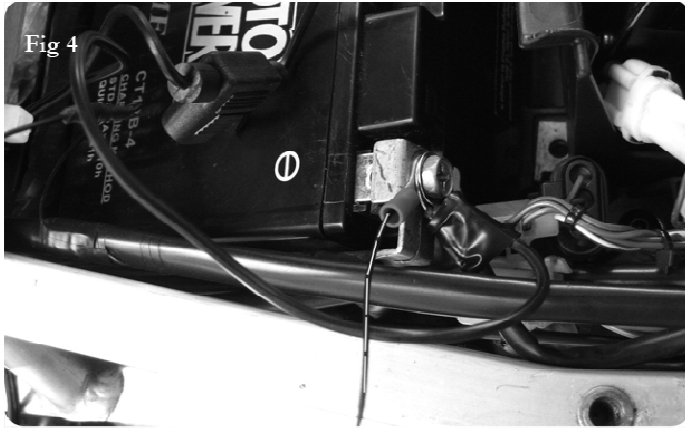


Fig 4

10. Attach the black wire of the Pk-Power Dragon wiring harness to the negative side of the battery (see Fig. 4)
11. Reinstall all the bodywork and the seat.

3 Calibration

After installing the Pk-Power Dragon device on your bike, the accelerator position must be calibrated. In order to perform this calibration, an installation of the Pk-Power Dragon Software – **PkPowerDragon_X.X.X.X.exe** on your PC is required beforehand. Please download the latest software version from www.pk-power.com/software.php

3.1 Throttle Position Calibration

1. Connect the Pk-Power Dragon device to your PC through the USB Mini Cable provided.
2. Run the Pk-Power Dragon Software on your PC
3. Start the engine
4. Click the **TP** Button
5. A new window with two slide controls opens (Fig 3.1)
6. When the engine is **running**, shortly apply **idle throttle** and shortly **full throttle** afterwards
7. Click the **Save** button to apply the settings.

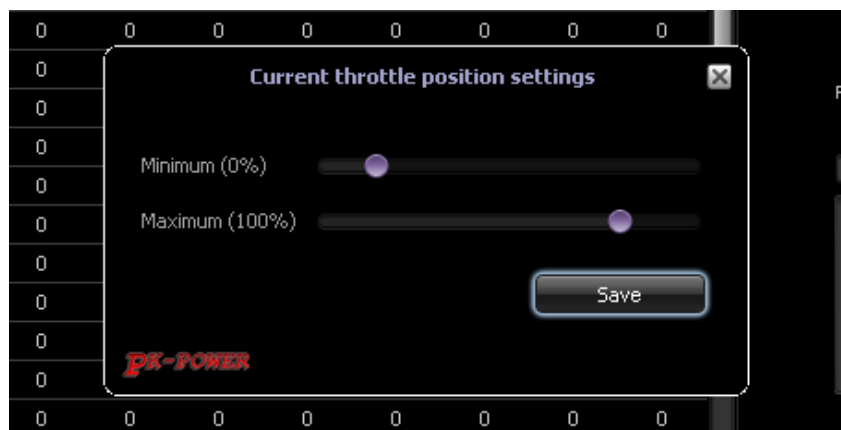


Fig. 3.1