

# **RAPiD**



## User manual



tune\_rapid



tunerapid.it



# 1 KAFR5XX00-1000



Kit code: Sample

Configuration:

## KIT COMPOSITION

Qty	Code	Description
1	FO8RAPID-FR	Rapid pedal module
1	FRFRxx	Rapid module harness with connectors

## 1.1 INSTALLATION

### 1.1.1 Summary diagram of the connections



### 1.1.2 Preparing to install

1. Remove the mat and move, if necessary, the driver's seat to facilitate installation.
2. Check that the car key has been removed and disconnected from the instrument panel for at least 5 minutes.



***If the car is equipped with "Keyless Go" technology, keep the key at least 10 meters away from the passenger compartment. If there is an anti-theft device, deactivate it before starting the installation.***

### 1.1.3 Wiring connection

- Disconnect the original 6-pin connector directly on the accelerator pedal potentiometer as shown in Fig.1



- Connect the connector with the female pins of the Rapid harness to the potentiometer (Fig. 2)



- Connect the car's original connector to the connector with the male pins of the Rapid harness. (Fig.3)



#### 1.1.4 First acquisition

Insert the key to turn on the instrument panel and, with the engine off, start the acquisition phase:

- Press and hold (about 5 sec.) The "+" and "-" keys until the "MODE" key starts flashing.
- Release the "+" and "-" keys, press the accelerator fully and release it (repeat the operation at least 3 times to ensure correct calibration).
- Press any key to exit the acquisition phase (saving is automatic)

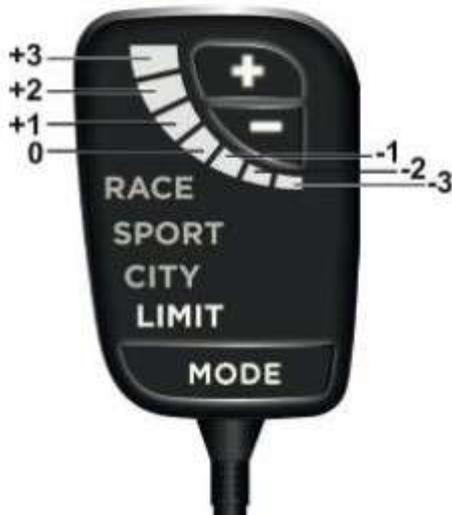


#### ATTENTION

- *During the signal acquisition phase, the bar graph LED will light up proportionally to the percentage of pedal pressed. In some cases, even by fully pressing the accelerator pedal, the bar graph will not light up completely to the last notch. In this case, proceed anyway and save the acquisition as per instructions.*
- *On cars equipped with automatic gearbox, during the acquisition phase it is necessary to press the accelerator pedal completely, also activating the kick down (button present at the end of the accelerator pedal stroke).*

### 1.1.5 Operating modes

Select the mode by pressing the button MODE.



#### LIMIT

From 0 to -3, 'VALET' mode, to progressively limit the accelerator function.

From +3 to +1, 'ECO' mode, to progressively lower the acceleration curve.

---



#### CITY

Mode designed to improve the driving feeling in traffic. 7 steps available.

#### SPORT

Sport mode for a more aggressive response of the pedal. 7 steps available.

#### RACE

Track mode, for an optimal response in every driving condition. 7 steps available.

---



#### ATTENTION

*When all the 4 led lights are off Rapid FR is in standby therefore inactive.*

### 1.1.6 Key combinations

- BRIGHTNESS**

To set the brightness, press and hold the MODE button and at the same time press the button “+” (to increase brightness) or the button “-” (to decrease brightness): 5 led lights lit on the bar mean maximum brightness, one led light lit means minimum brightness.

With 0 led lights lit the mode LED OFF is activated: led lights will only light up for a few seconds whenever a button is pressed.

**P.N. In LED OFF mode the module will be on anyway and set on the last setting selected.**

- GRAPH BAR**

By pressing and holding for at least 6 sec. the button “+”, the led lights of the Graph Bar will show the percentage of pedal depressed. Press any button to make the Graph Bar go back to Standard mode with the last setting selected.

- SWITCH MODE**

By pressing and holding for at least 6 sec. the button “-”, the selected drive mode blinks for 5 seconds by assigning the Switch modality ON/OFF to the “MODE” button.

To exit this modality, press again the button “-” for at least 6 seconds until the four modalities LIMIT/CITY/SPORT/RACE flash simultaneously.

## 1.2 FAQ

Fault	Solution
Rapid FR does not light up	Verify the bypass to be placed on the accelerator pedal connector and the connection between the module and the wiring. Delete any possible error code by using a diagnostic tool and verify if the Rapid FR module lights up.
The car does not accelerate	Verify if the Rapid FR module is set on "LIMIT" mode and in case a different mode and check if the car accelerates. If the problem persists try to repeat the acquisition phase described in the instructions supplied with the kit or alternatively follow "Step 4" of this document.
CEL/MIL light on	First try to delete the error code by using a diagnostic tool. If the problem persists contact Rapid technical support.
No difference in performance after the installation	Repeat the acquisition phase described in the instructions supplied with the kit or alternatively follow "Step 4" of this document. If the problem persists contact Rapid technical support.

### **WARNING**

**Please make sure that the vehicle works properly, namely the engine, before installing the Rapid module: a performance increase could highlight some potential defects of functioning.**

**Please make sure that the vehicle works properly, namely the engine, before installing the Rapid module: a performance increase could highlight some potential defects of functioning.**

**The Rapid module is designed for 12 to 30 Volt supply voltages, therefore make sure this limit is not exceeded by checking, before the installation, that the battery, the regulating circuit and the alternator work properly.**

### 1.3 USER'S RESPONSABILITIES

The User declares, under his own responsibility, that RAPID device is realized to be used only for competitive purposes in race track which is not open to the public. It is understood that the infringement of the aforementioned limitation may entail a sanctions infliction.

Without prejudice towards what is set forth in previous paragraph, if vehicle performances or characteristics, as indicated in vehicle registration certificate, were to vary, it is necessary to revise such vehicle registration certificate. Therefore, the User shall bring, under his own responsibility, such operations.

RAPID device allows the User to have access to some engine parameters (for example: turbo/manifold pression, rail, speed limiter, etc.). Changing such parameters might make the vehicle non in compliance with some power and/or speed and/or emissions standards of Your Country and also might determine a superior wear and tear of mechanical and electrical components of the vehicle, to the point that manufacturer's (or seller's) warranty might be considered void.

DimSPORT Srl (except as set forth hereafter) does not grant any warranty and shall never be considered liable for any disruption that may derive from using RAPID device, in particular with respect to any extra wear and/or deterioration of the engine or of any other mechanical and/or electrical part of vehicle.

The reading and understanding of RAPID device Instructions must forerun the use of RAPID device (in all its parts).

**If the User is a consumer the provisions of D.lgs 206/2005 which concern the conformity warranty of purchased items shall apply (in accordance with such D.lgs 206/2005, a consumer is a person that buy products outside from his business). Therefore, the consumer with no extra expenses, has the right to obtain the conformity restatement of purchased item, by its replacement or reparation. For this purpose, DimSPORT must be informed about item non-conformity within 2 (two) months from the discovery of such non-conformity. This warranty covers the defects that come within 2 (two) years from the delivery. The normal "wear and tear" shall never be considered non-conformity. This warranty shall never be applied if the consumer alters RAPID device and/or if the consumer directly or indirectly repairs it and/or if the non-conformity is due to improper, negligent or imprudent use of RAPID device.**

**If the User is a professional user, DimSPORT only warrants that RAPID device is free from manufacture defects for 2 (two) years from the purchase date, provided that the professional user is able to demonstrate such date by showing proper documentation.**

**UNDER NO CIRCUMSTANCES SHOULD RAPID DEVICE BE USED TO BREAK THE LAW OF THE COUNTRY OF USE OF THE VEHICLE. FAILURE TO COMPLY WITH SUCH PROVISION WOULD DETERMINE THE IMMEDIATE TERMINATION OF THIS AGREEMENT.**

Without prejudice to mandatory law provisions, DimSPORT Srl shall be relieved from any and all contractual and / or extra-contractual liability for personal injury; for direct and / or indirect damage (both with reference to emerging damage and loss of profit); for any claim and / or cost of any kind; which has been suffered by the User or by any third parties and which may derive from the use or misuse and / or may depend and / or in any case may be attributable to RAPID device, except in the case that those events may be attributable to DimSPORT for wilful misconduct or gross negligence. The foregoing limitations and exclusions shall be applied to the maximum extent permitted by legislation in force in the User's jurisdiction.







## ***Assistenza tecnica/technical support***



**LUN - VEN 9:00 - 13:00/14:00 - 18:00**

**MON - FRI 9:00 am - 1:00 pm/2:00 pm - 6:00 pm**

**(GMT +1)**

***E-mail: [support.rapid@dimSPORT.it](mailto:support.rapid@dimSPORT.it)***



**DIMSPORT S.R.L.**

Localit&#224; San Iorio 8/B

15020 Serralunga di Crea (AL)

T +39 0142 9552 F +39 0142 940094

E-mail: [info@dimSPORT.it](mailto:info@dimSPORT.it)