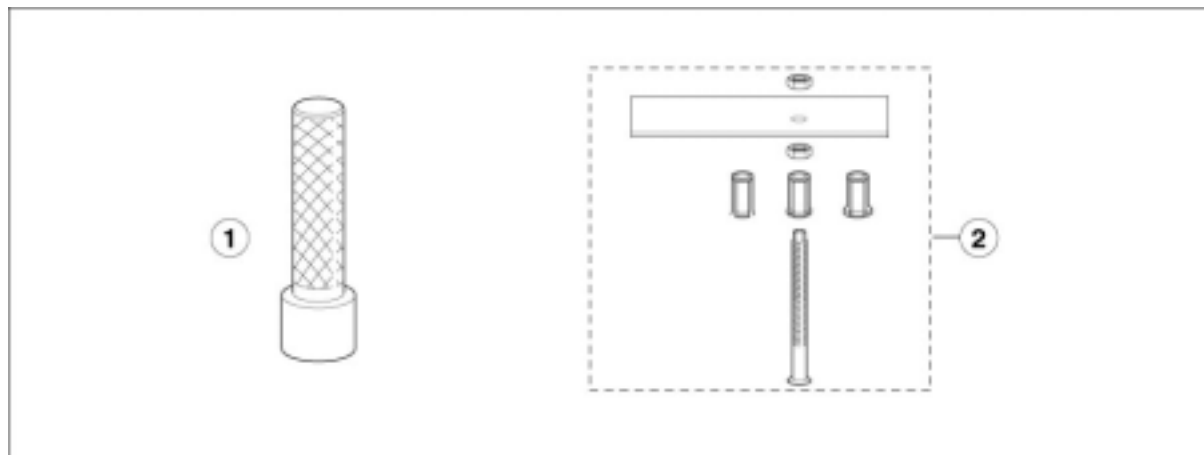



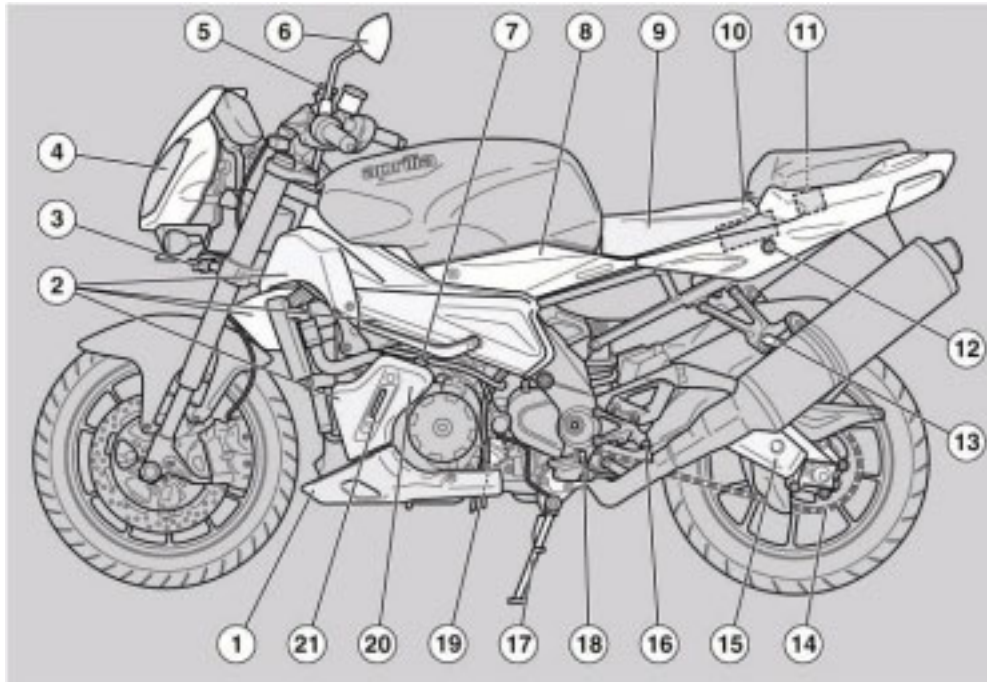
TOOLS FOR OTHER aprilia VEHICLES



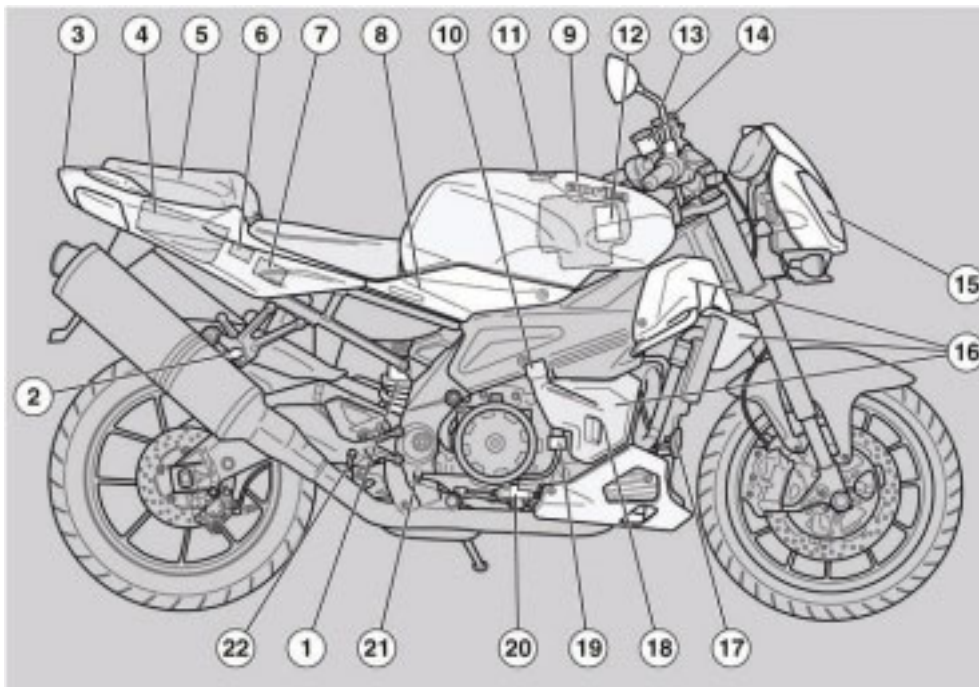
Pos.	aprilia part# (tool name and purpose)
1	0877650 (drift grip)
2	0277265 (extractor for counter shaft, primary shaft and secondary shaft bearing)
-	8116050 (engine oil)
-	8116053 ( Bimol Grease 481 grease)
-	8116038 (LUBERING ST grease)
-	xxxxxxx N.A. (AP-LUBE temporary lubricant)
-	xxxxxxx N.A. (DID CHAIN LUBE grease)
-	8116031 ("double solvent" frame washing liquid)
-	8116945 ("ACRILICON 28" cyanoacrylic glue)
-	xxxxxxx N.A. (MOTUL MOTOWASH degreaser)
-	8116043 (ANTI-SEIZE MOTAGEPASTE AS 1800 anti-seize paste)
-	xxxxxxx N.A. (alcohol)
-	0898011 (LOCTITE® 275 fluorescent green)
-	xxxxxxx N.A. (LOCTITE® 572)

xxxxxxx N.A. = not available

2.1.6. LOCATION OF KEY COMPONENTS

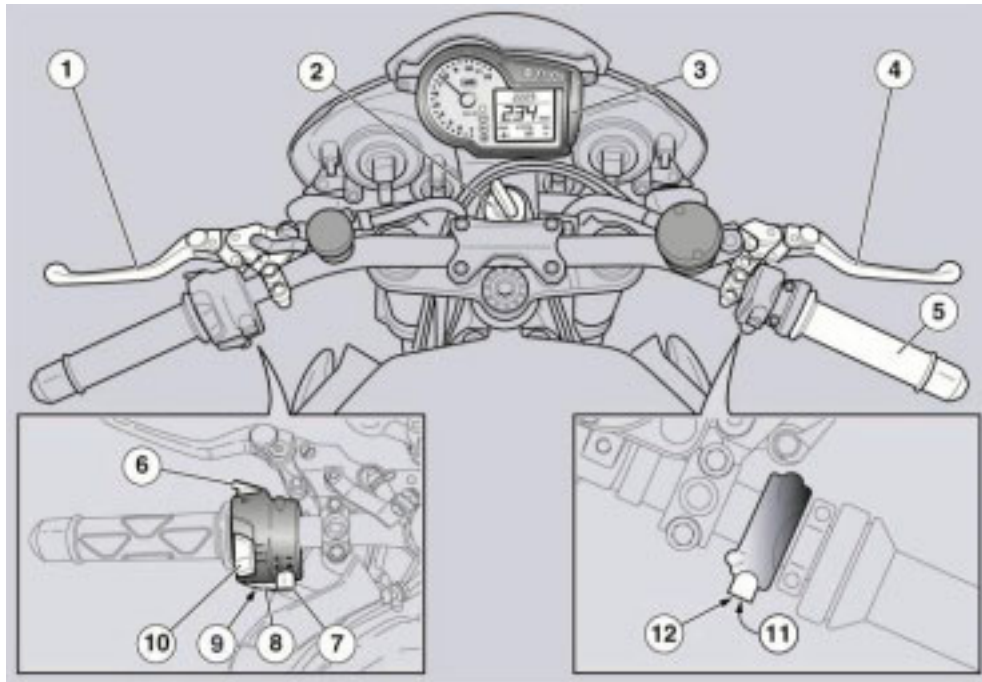
**Key:**

1. Cowling
2. Side fairings
3. Adjustable steering damper
4. Left headlight
5. Clutch fluid reservoir
6. Left rear-view mirror
7. Engine oil tank cap
8. Left side panel
9. Rider seat
10. Battery
11. Main fuse carrier (30A)
12. Passenger seat lock – glove / tool kit compartment
13. Passenger left footrest (Snaps closed/open)
14. Drive chain
15. Rear swingarm
16. Rider left footrest
17. Side stand
18. Gear change lever
19. Engine oil filter
20. Engine oil tank
21. Engine oil level

**Key:**

1. Rear shock absorber
2. Passenger right footrest (snaps closed/open)
3. Tail light
4. Glove / tool kit compartment
5. Passenger seat / seat cover
6. Control unit
7. Auxiliary fuse carrier (15A)
8. Right side panel
9. Fuel tank
10. Coolant expansion tank cap
11. Fuel tank filler cap
12. Air filter
13. Right rear-view mirror
14. Front brake fluid reservoir
15. Right headlight
16. Right side fairings
17. Horn
18. Expansion tank
19. Rear brake fluid reservoir
20. Rear brake master cylinder
21. Rear brake lever
22. Rider right footrest

2.1.7. LOCATION OF INSTRUMENTS / CONTROLS

**Key:**

1. Clutch lever
2. Ignition / steering lock switch ((🔑 - 🔒 - 🔓))
3. Instruments and indicators
4. Front brake lever
5. Throttle twistgrip
6. High beam flasher button (🔛)
7. Light dimmer switch (🔼 - 🔽)
8. Turn indicator switches (🔙 - 🔚)
9. Horn button (🔊)
10. TRIP1 / TRIP2 / MODE switch (🔁)
11. Engine kill switch (🔴 - 🔵)
12. Starter button (🔛)



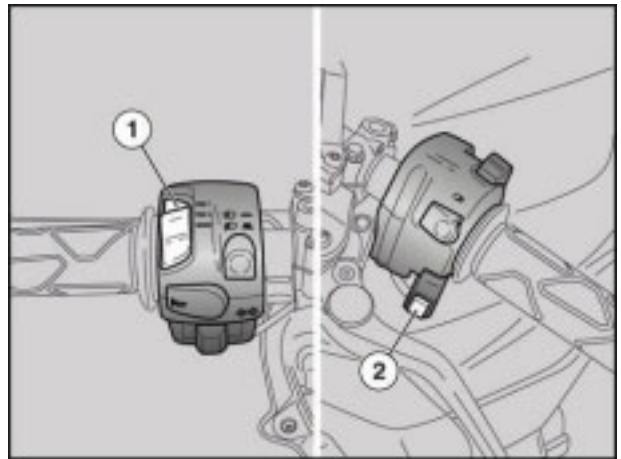
Key:

1. Rev counter
2. Green neutral light (N)
3. Amber "stand down" light (I)
4. Red general warning light (△)
5. Multifunction digital display (coolant temperature – clock - battery voltage – lap time - engine oil pressure diagnostics (E))
6. Blue high beam light (■)
7. Amber low fuel light (■)
8. Green turn indicator light (↔)
9. Red line light (red)

2.1.8. INSTRUMENT PANEL OPERATION

CONTROLS

Three-position selector (1) : TRIP1 / TRIP2 / ODO
 SET button (2) : press briefly to scroll menu functions, hold down to confirm selection.



When the ignition key is turned to "ON", the following instrument panel lights come on for two seconds:

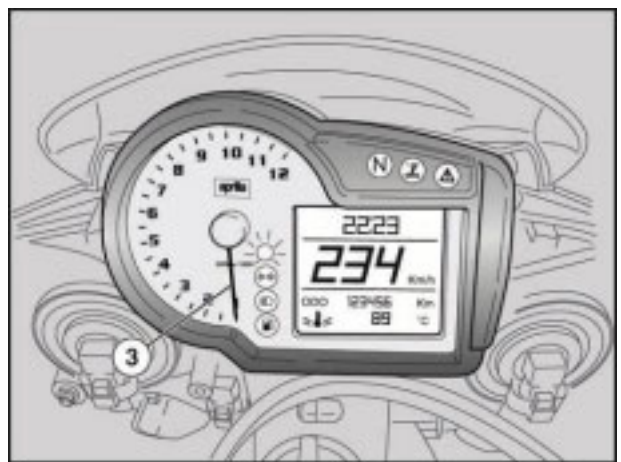
- All warning lights
- Backlighting
- The Tuono 1000 logo appears on the display.

The rev counter pointer (3) moves to the maximum rpm value set and then returns to its initial position.

During the initial check-up, all instruments will briefly show the current values of the corresponding parameters.

With the ignition key in position "ON", standard display readouts are as follows:

- A. CLOCK
- B. CURRENT SPEED
- C. ODOMETER
- D. ENGINE TEMPERATURE



TRIP 1 AND 2

TRIP 1 and 2 modes display trip meter readouts 1 and 2. Trip meter reading is displayed at the side of the measurement unit indication.

To select TRIP 1 or TRIP 2 mode, set selector (1) to the TRIP mode you want displayed.

The following indications are displayed in the lower portion (C) of the display:

- TRIP METER 1/2
- RIDING TIME 1/2
- TOP SPEED 1/2
- AVERAGE SPEED 1/2



Press the SET button (2) briefly to cycle through the different indications. Hold down the SET button to reset all readings of the selected TRIP meter.



ODO

The MODE configuration includes all user interface functions. To select the MODE configuration, set the selector (1) to MODE.

With the vehicle stopped, at each short press of the SET button (2), the display cycles through the following readings:

- CURRENT SPEED
- BATTERY VOLTAGE

Holding down the SET button (2) gives access to the configuration menu:

- MENU

When activated, "distance to empty" indication will be displayed in place of odometer reading.

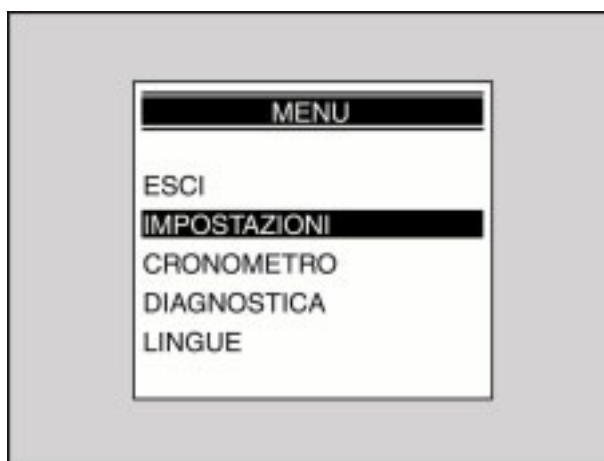


MENU

The MENU screen configuration menu can be accessed when the vehicle is stopped and the selector is set to MODE. To open this menu, select MENU and hold down the SET button (2) to confirm.

The configuration menu holds the following options:

- EXIT
- SETTINGS
- LAP TIMER
- DIAGNOSIS
- LANGUAGE



SETTINGS

When you select SETTINGS and hold down the SET button (2) to confirm, a screen with the following options will appear:

- EXIT
- TIME SETTINGS
- GEAR SHIFT INDICATOR
- BACKLIGHTING
- CHANGE THE CODE
- CODE RECOVERY
- °C / °F

TIME SETTINGS

This option is used to set clock time. At each press of the

SET button (2), hour setting will increase by one unit from 1 to 12 and then will start over again from 1.

The transition from AM to PM and vice versa coincides with the transition from 11:59 to 12:00.

Holding down the SET button (2) stores current setting and gives access to the minutes setting mode. At each press of the SET button (3), minutes increase by one unit up to 59 and then go back to 0. Holding down the SET button (2) terminates the procedure and the instrument panel returns to the SETTINGS menu.

GEAR SHIFT INDICATOR

This mode is used to set gear change threshold. When this mode is selected, the

TUONO 1000

wording "GEAR SHIFT INDICATOR" in the current display language is displayed and the rev counter pointer points to the current threshold setting. At each short press of the SET button (2), threshold setting increases by 100 RPM. Upon reaching the upper limit, at the next press of the button the setting will decrease by 100 RPM and vice versa.

Holding down the SET button (2) terminates the procedure and the instrument panel returns to the SETTINGS menu.

Upon first power-up, the instrument panel defaults to the preset RUNNING-IN RPM; the next time the instrument panel is powered on, it will use the last set value.

- RUNNING-IN RPM 6000
- IDLE RPM 5000
- MAX RPM 12000

When the set threshold is exceeded, the warning light (4) on the instrument panel begins to flash and will keep flashing until speed drops back below the threshold.

BACKLIGHTING

Backlighting brightness can be set at one of three preset levels. When this option is selected, the wording BACKLIGHTING appears on the display; at each short press of the SET button (2), the display cycles through the following symbols:

LOW
MEAN
HIGH

After choosing the desired brightness, hold down the SET button (2) and the instrument panel returns to the SETTINGS menu.

CHANGE THE CODE AND CODE RECOVERY

This function can be used to change code, provided that the old code is known.

Upon accessing this function, the following message is displayed:

"INSERT THE OLD CODE"

After the old code has been recognised, a new code can be entered when the following prompt is displayed:

"INSERT THE NEW CODE"

When finished, the display returns to the DIAGNOSIS menu.

If you used the code to access the menu, this operation is not allowed.

When finished, the instrument panel returns to the SETTINGS menu.

CODE RECOVERY

This function is used to change the existing code when it is unknown; in this case, you will need

at least a second ignition key in addition to the one you will have inserted into the ignition.

The system will prompt you to insert a second key with this message:

"INSERT THE 2ND KEY"

The instrument panel stays on after the first key is removed; the second key must be inserted within 20 seconds of removing the first, otherwise the procedure is aborted.

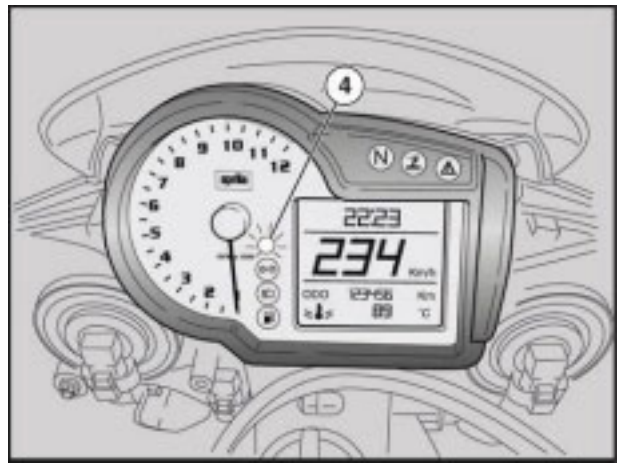
When the second key has been recognised, the system prompts for a new code with this message:

"INSERT THE NEW CODE"

When finished, the display returns to the DIAGNOSIS menu.

If you used the code to access the menu, this operation is not allowed.

When finished, the instrument panel returns to the SETTINGS menu.



°C / °F

This function is used to select the desired measurement unit for ambient temperature. When this function is selected, at each short press of the SET button (2), the display cycles through the two measurement units:

°C / °F

After choosing the desired unit, hold down the SET button (2) to store the setting and the instrument panel returns to the SETTINGS menu.

LAP TIMER

When you select LAP TIMER and hold down the SET button (2) to confirm, a screen with the following options will appear:

- EXIT
- LAP TIME ON
- VIEW TIMES
- DELETE TIMES

LAP TIME ON

This function turns on Lap Timer display in place of the clock in the upper portion of the display.

When set to on, Lap Timer display is retained after a Key off, Key on sequence.

VIEW TIMES

This function displays recorded lap times.

Short-press the SET button (2) to scroll lap time screens, hold down the button to return to the LAP TIMER menu. Recorded lap times will be lost if the battery is disconnected.

DELETE TIMES

This function is used to delete recorded lap times.

You will be asked to confirm whether you intend to proceed before data is deleted. When finished, the display returns to the LAP TIMER menu.

Lap timer operation

To use the lap timer, select LAP TIME ON and hold down the SET button (2) to confirm; the upper portion of the display (A) goes into

time acquisition mode. Briefly press the SET button (2) to start the lap timer.

Press the SET button (2) again within 10 seconds of timer starting to cancel count and restart the timer. Pressing the SET button (2) again after the timer has been running for over 10 seconds stops and stores current count and starts a new count. Holding down the SET button (2) stops the lap timing session.

When 40 lap times have been recorded, the word "FULL" is displayed and acquisition is terminated. To view recorded lap times, stop the motorcycle, see (STOP) and use the VIEW TIMES function available in the LAP TIMER menu.

