

## **APRILIA WOULD LIKE TO THANK YOU**

for choosing one of its products. Please read this manual carefully before riding your vehicle for the first time. It contains information, suggestions and precautions on the use of your vehicle and it will allow you to get familiar with all its different characteristics. It will also help to get the maximum result and pleasure from your purchase and it will confirm you one more time that you have made the right choice. This booklet is an integral part of the vehicle and must be given to the new owner if the motorcycle is sold.

# **SR Motard 125**



The instructions given in this manual are intended to provide a clear, simple guide to using your vehicle; it also describes routine maintenance procedures and regular checks that should be carried out on the vehicle at an **Aprilia Dealer or Authorised Workshop**. The booklet also contains instructions for simple repairs. Any operations not specifically described in this booklet require the use of special tools and/or particular technical knowledge: for these operations, please take your vehicle to an **Aprilia Dealer or Authorised Workshop**.



### **Personal safety**

Failure to completely observe these instructions will result in serious risk of personal injury.



### **Safeguarding the environment**

Sections marked with this symbol indicate the correct use of the vehicle to prevent damaging the environment.



### **Vehicle intactness**

The incomplete or non-observance of these regulations leads to the risk of serious damage to the vehicle and sometimes even the invalidity of the guarantee

*The signs that you see on this page are very important. They are used to highlight parts of the booklet that should be read with particular care. The different symbols are used to make each topic in the manual simple and quick to locate.*



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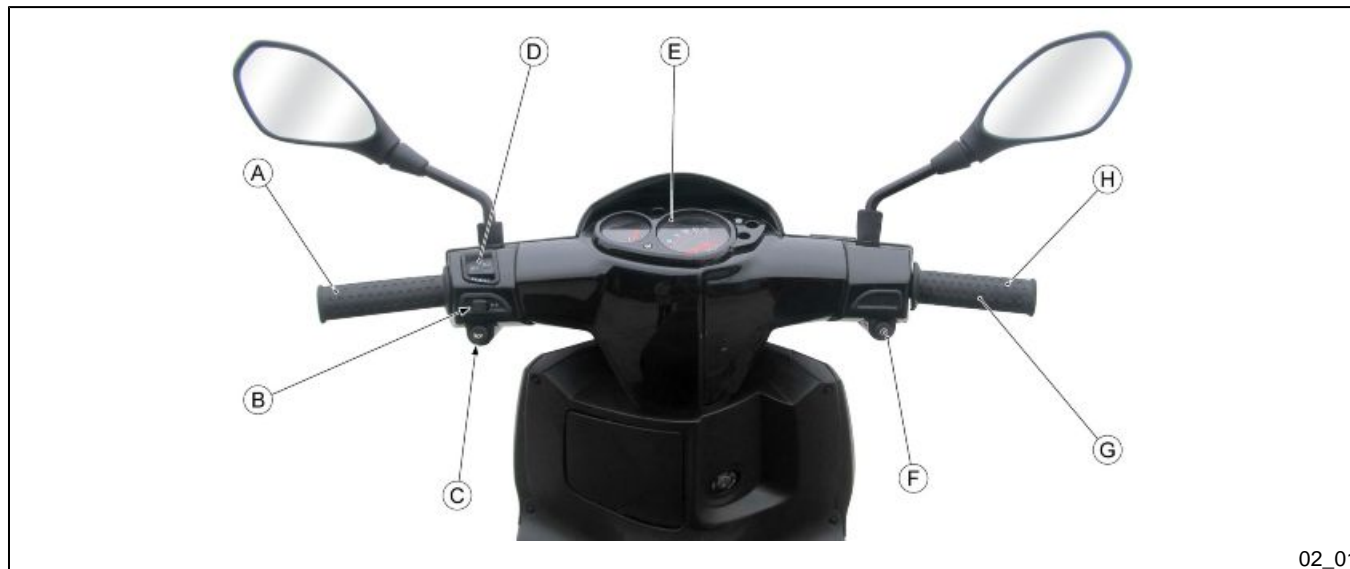


# SR Motard 125



**Chap. 01**  
**Vehicle**

## Dashboard (02\_01)



02\_01

- A = Rear brake control;
- B = Turn indicator switch;
- C = Horn button;
- D = Lights switch;
- E = Instrument panel;

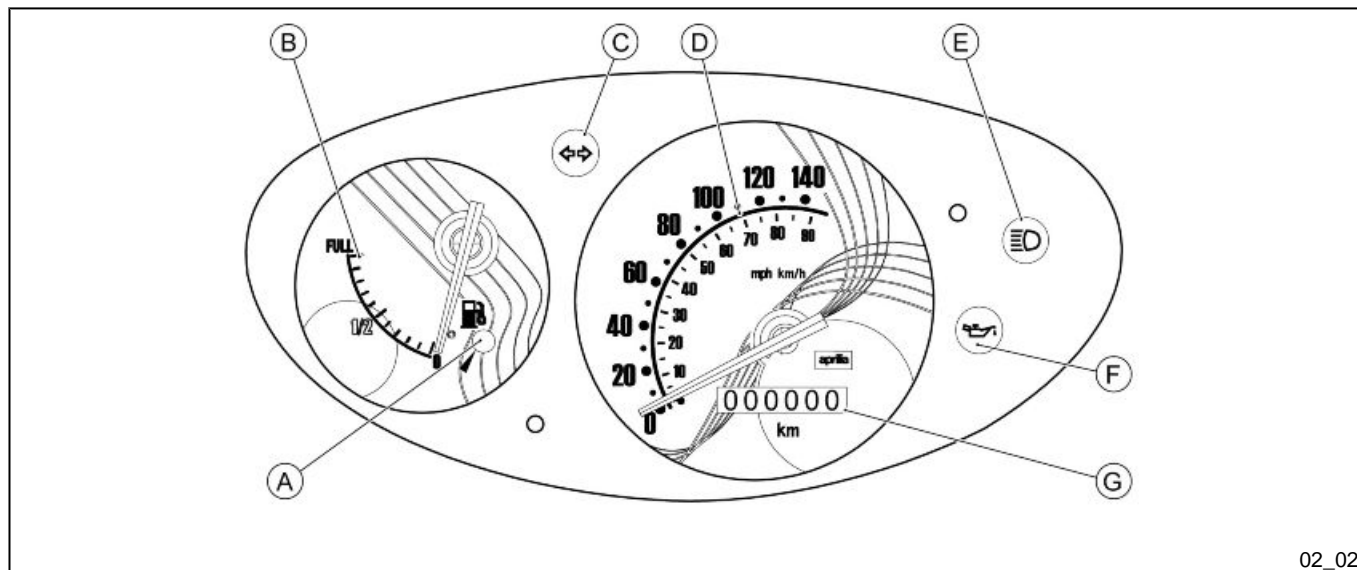


F = Starter button;

G = Throttle grip;

H = Front brake lever;

## Instruments (02\_02)



02\_02

key:

- A - Low fuel warning light;
- B - Fuel level indication;
- C - Turn indicator warning light;
- D - Speedometer;
- E - High-beam warning light;
- F - Oil pressure warning light;
- G - Odometer.



### Key switch (02\_03)

**LOCK** = Ignition blocked, key can be extracted, steering lock installed.

**OFF** = Ignition blocked, key can be extracted, steering lock not on.

**ON** = Ready to start, steering lock disengaged, key cannot be extracted. Once the key inserted, by pressing, the glove-box opens.



### Locking the steering wheel (02\_04)

Turn the handlebar to the left (as far as it will go), press the key to «**LOCK**» and remove the key.

#### CAUTION



**NEVER TURN THE KEY TO «LOCK» OR «OFF» WHILE RIDING.**

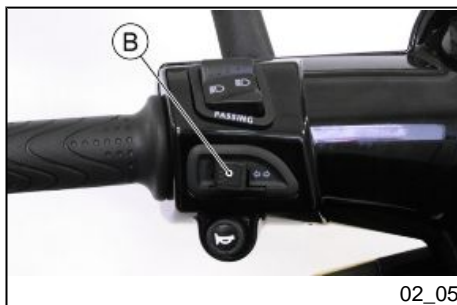
### Releasing the steering wheel

Reinsert the key and turn it to «**OFF**».

#### CAUTION

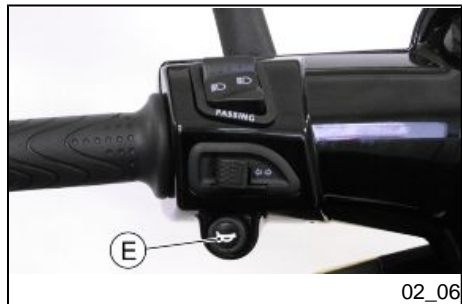


**NEVER TURN THE KEY TO «LOCK» OR «OFF» WHILE RIDING.**



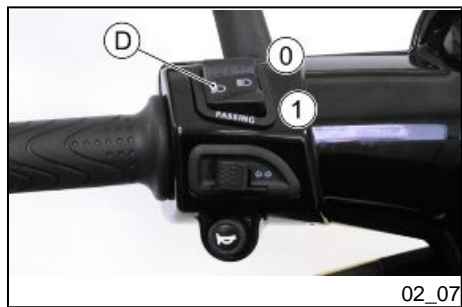
### Switch direction indicators (02\_05)

To set the left turn indicators flashing, move lever «**B**» to the left; to set the right turn indicators flashing, move it to the right. The lever automatically returns to the central position and the indicators remain on. To turn the indicators off, press the lever towards the switch.



### Horn button (02\_06)

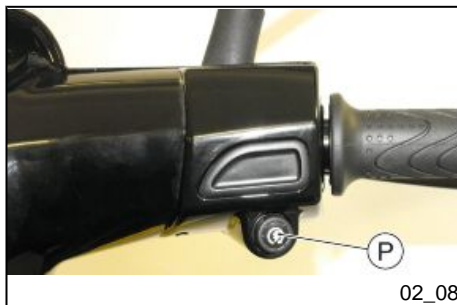
Horn button «E»



### Light switch (02\_07)

0 = Low-beam and tail light

1 = High-beam and tail light



### Start-up button (02\_08)

To start the engine, press the starter button, «P», after pulling either one of the two brake levers.



### Opening the saddle (02\_09)

Insert the key into the seat lock «A», turn the key clockwise and lift the saddle forward.



02\_10

## Keys (02\_10)

The vehicle is supplied with two keys (one spare) which serve to start the engine and unlock the saddle compartment. The keys are accompanied by a tag marked with the identification code to be quoted when ordering duplicates.

### WARNING

**WE RECOMMEND KEEPING THE DUPLICATE KEY TOGETHER WITH ITS CODE IN A SAFE PLACE AND NOT ON THE VEHICLE.**



02\_11

## Identification (02\_11, 02\_12)

The identification numbers consist of a prefix stamped on the chassis and on the engine, followed by a number. They must be quoted when ordering spare parts. We recommend that you check that the prefix and chassis number stamped on the vehicle correspond with those in the vehicle documents.

### CAUTION



**BE REMINDED THAT ALTERING IDENTIFICATION REGISTRATION NUMBERS CAN LEAD TO SERIOUS PENAL SANCTIONS (IMPOUNDING OF THE VEHICLE, ETC.).**



02\_12



### Rear top box opening (02\_13)

To open the glovebox:

- Park the vehicle on its centre stand on safe and level ground.
- Insert the ignition key in the lock « A » and press it.

#### NOTE

**BEFORE WASHING THE VEHICLE, REMOVE POSSIBLE OBJECTS INSIDE THE COMPARTMENT.**



### Bag clip (02\_14)

To use the bag hook mounted under the front of the saddle, part « A » needs to be pulled slightly forward.





# SR Motard 125



**Chap. 02**  
**Use**



## Checks (03\_01)

Before using the vehicle, check:

1. That the fuel tank is full.
2. Rear hub oil level.
3. Engine oil level (see "engine oil level" section)
4. That the tyres are properly inflated.
5. The correct functioning of headlights, rear light and turn indicators.
6. The correct functioning of front and rear brakes.
7. The fluid level in the brake pump reservoir.



## Refuelling (03\_02, 03\_03)

Fill the fuel tank «A» as shown in the diagram, with unleaded petrol with minimum octane rating of 95.

The rider is informed when fuel is low by the fuel warning light on the instrument panel; see the "Instrument Panel" section.

### CAUTION

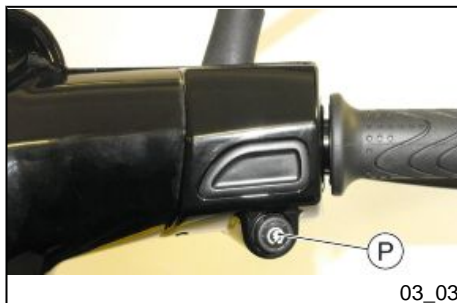


**SHUT OFF THE ENGINE BEFORE REFUELLING WITH PETROL. PETROL IS HIGHLY FLAMMABLE. DO NOT LET PETROL SPILL FROM THE TANK OR WHILE REFUELLING**

### CAUTION



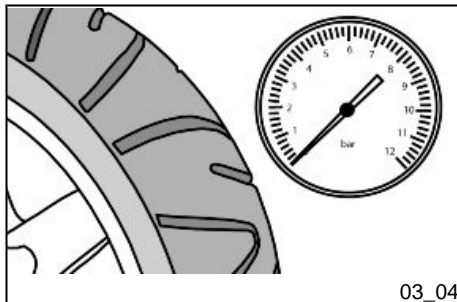
**DO NOT BRING NAKED FLAMES OR CIGARETTES NEAR THE MOUTH OF THE FUEL TANK: FIRE HAZARD. ALSO AVOID INHALING HARMFUL VAPOURS.**

**CAUTION**

THE USE OF OILS AND SPARK PLUGS OTHER THAN THOSE RECOMMENDED CAN SHORTEN THE LIFE OF THE ENGINE.

**Characteristic****Fuel tank capacity**

about 7 litres (1.5 l of which is reserve)

**Tyre pressure (03\_04)****CAUTION**

TYRE PRESSURE SHOULD BE CHECKED WHEN TYRES ARE COLD. INCORRECT TYRE PRESSURE CAUSES ABNORMAL TYRE WEAR AND MAKES RIDING DANGEROUS.

TYRES MUST BE REPLACED WHEN THE TREAD REACHES THE WEAR LIMITS SET FORTH BY LAW.

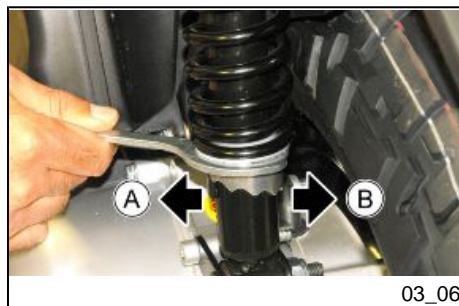
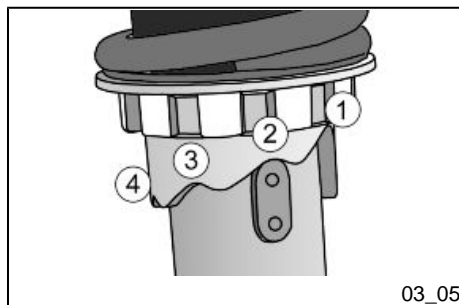
**TYRES**

Front tyre	120/70 - 14" 55 P
Rear tyre	120/70 - 14" 55 P

## TYRE INFLATION PRESSURE

Front tyre standard inflation pressure	2.0 bar
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Rear tyre standard inflation pressure	2.2 bar
---------------------------------------	---------



## **Shock absorber adjustment (03\_05, 03\_06)**

The preloading of the springs can be adjusted to 4 positions acting on the ring nut located in the lower part of the shock absorbers with the specific spanner supplied.

**Position 1:** minimum preload: rider only

**Position 2** medium preloading: rider only

**Position 3** medium preloading: rider and passenger

**Position 4:** maximum preloading: rider, passenger, and luggage.

In order to carry out this operation you will need to use the specific spanner in the kit. Spring preloading increases by turning the ring nut towards «A», but decreases if the ring nut is turned towards «B».

### **CAUTION**



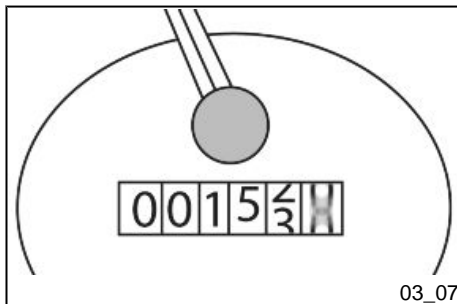
**RIDING THE VEHICLE WITH THE SPRING PRELOADING NOT CORRECTLY SET FOR THE RIDER AND POSSIBLE PASSENGER, COULD REDUCE THE COMFORT OF THE RIDE AND THE PRECISION OF THE STEERING.**

**WARNING**

**WE RECOMMEND WEARING GLOVES WHILE CARRYING OUT THIS OPERATION IN ORDER TO AVOID INJURIES.**

**WARNING**

**IT IS ABSOLUTELY FORBIDDEN TO ADJUST THE PRELOAD DIFFERENTLY ON THE TWO SHOCK ABSORBERS**

**Running in (03\_07)****WARNING**

**DURING THE FIRST 1000 KM DO NOT RIDE THE VEHICLE OVER 80% OF ITS MAXIMUM SPEED. AVOID TWISTING THE THROTTLE GRIP FULLY OR KEEPING A CONSTANT SPEED ALONG LONG SECTIONS OF ROAD. AFTER THE FIRST 1000 KM, GRADUALLY INCREASE SPEED UNTIL REACHING THE MAXIMUM PERFORMANCE.**

**Starting up the engine (03\_08, 03\_09)**

The vehicle is fitted with automatic transmission with a regulator and centrifugal clutch. Therefore always start the engine with the throttle at idle speed; to start-off from stationary position, progressively twist the throttle grip.

The vehicle is equipped with a fuel valve and a starter which switch on automatically as soon as the engine is started.

In order to start the engine, it is necessary to pull either the rear brake lever «B » or the front brake lever «C», before pressing the starting button, "A ", so as to disengage the safety switches.

1: Put the scooter on its stand "E"; check that the rear wheel is off the ground.

2: Keep the throttle closed.

3: Insert the key into the ignition switch, "D", and turn to the **ON** position.

#### CAUTION

**NOW:**

**- THE ENGINE OIL PRESSURE WARNING LIGHT ON THE INSTRUMENT PANEL TURNS ON AND REMAINS LIT UNTIL THE ENGINE STARTS UP.**

**- CONTACT AN Authorised Service Centre IF THIS WARNING LIGHT DOES NOT TURN ON OR IF AFTER THREE SECONDS THE WARNING LIGHT DOES NOT TURN OFF.**



4: Push the starter button «A» after pulling the rear brake lever «B» or the front brake lever «C».

#### CAUTION

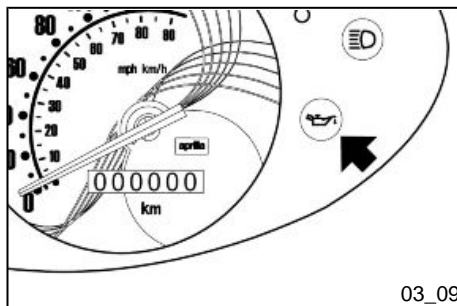


**DO NOT CARRY OUT THESE OPERATIONS IN CLOSED AREAS SINCE EXHAUST GASES ARE TOXIC.**

#### CAUTION



**DUE TO THE HIGH TEMPERATURES THE CATALYTIC CONVERTER CAN REACH, ALWAYS TAKE CARE, WHEN PARKING THE VEHICLE, THAT THE EX-**



03\_09

**HAUST DOES NOT COME INTO CONTACT WITH FLAMMABLE MATERIALS, TO AVOID SERIOUS BURNS.**



03\_10

### Difficult start up (03\_10)

If there is a problem you can follow the instructions below:

**1. If the engine is flooded.** Place the vehicle on its centre stand and check that the rear wheel is off the ground. Open the throttle fully and press the starter button for five seconds and then stop for five seconds. If the engine does not start after a few attempts, let the engine sit for a few minutes and then repeat the above operations. In any case do not operate the starter motor longer than 20" in an attempt to start the engine.

**2. In case of battery inefficiency.** Place the vehicle on stand «E»; make sure that the rear wheel is off the ground, turn the ignition switch «D» to the «ON» position and use the kick-starter.

**3. If fuel tank is empty.** After refuelling the vehicle, start the engine by pressing the starter button «A» with the throttle at a minimum to provide maximum aspiration for the tap. If the vehicle fails to start even after carrying out the steps described above, contact an **Authorised Service Centre**.

#### CAUTION



**ALWAYS PLACE THE VEHICLE ON ITS STAND BEFORE KICK STARTING.**

**WARNING**

**TAMPERING MAY CAUSE SERIOUS ENGINE MALFUNCTION.**

**Stopping the engine (03\_11)**

Stop acceleration, then turn the key switch «D» to «OFF » to stop the engine (extractable key).

**CAUTION**

**DUE TO THE HIGH TEMPERATURES THE CATALYTIC CONVERTER CAN REACH, ALWAYS TAKE CARE, WHEN PARKING THE VEHICLE, THAT THE EXHAUST DOES NOT COME INTO CONTACT WITH FLAMMABLE MATERIALS, TO AVOID SERIOUS BURNS.**

**Catalytic silencer****CAUTION**

**TAMPERING WITH THE CATALYTIC SILENCER MAY CAUSE SEVERE DAMAGE TO THE ENGINE.**



**CAUTION**

**WHEN PARKING THE VEHICLE, DUE TO THE HIGH TEMPERATURES THE CATALYTIC CONVERTER CAN REACH, ALWAYS BE CAREFUL THAT THE MUFFLER DOES NOT COME INTO CONTACT WITH FLAMMABLE MATERIALS, TO AVOID SERIOUS BURNS.**

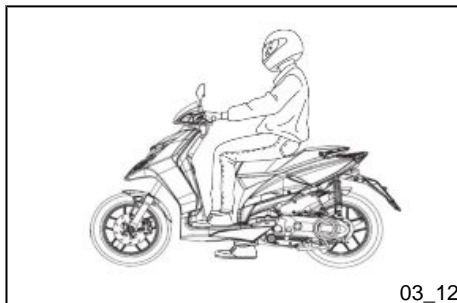
**CAUTION**

**DO NOT SHUT OFF THE ENGINE WHILE THE VEHICLE IS MOVING. UNBURNED FUEL COULD ENTER THE CATALYTIC CONVERTER AND BURN, CAUSING THE CONVERTER TO OVERHEAT AND POSSIBLY DESTROYING IT.**

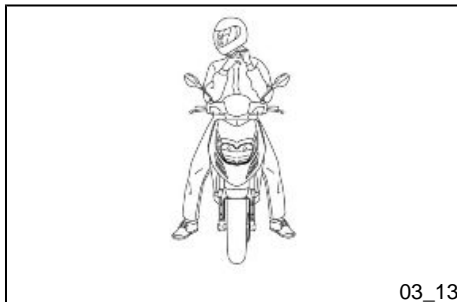
### **Automatic transmission (03\_12)**

To ensure simple, pleasurable riding, the vehicle is equipped with automatic transmission with regulator and centrifugal clutch. The system is designed to give the best possible performance in terms of both acceleration and consumption, on level ground and uphill, thanks to the adjustments made to engine speed and transmitted torque. If you have to stop on an uphill slope (traffic lights, traffic jam, etc.) only use the brake to keep the vehicle still, leaving the motor running at idling speed. Using the motor to keep the vehicle still can cause the clutch to overheat. This problem is due to the friction of the clutch parts on the clutch bell. It is therefore recommended to avoid conditions of prolonged clutch slippage leading to clutch overheating (for example, as well as the situation described above, riding uphill fully laden on steep slopes or starting off on slopes greater than 25%, etc.):

1. Do not continue riding in such conditions.
2. Let the clutch cool down with the motor at idling speed for a few minutes



03\_12



## Safe driving (03\_13)

### WARNING



**SOME SIMPLE TIPS ARE PROVIDED BELOW WHICH WILL ENABLE YOU TO USE YOUR VEHICLE ON A DAILY BASIS MORE EASILY AND SAFELY.**

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Your ability and your knowledge of the vehicle form the basis of safe riding. We recommend trying out the vehicle in traffic-free zones to get to know your vehicle completely.

### **ALWAYS DRIVE WITHIN YOUR LIMITS**

1. Before riding off, remember to put on your helmet and fasten it correctly.
2. Reduce speed and ride cautiously on uneven roads.
3. Remember that after riding on a long stretch of wet road without using the brakes, the braking effect is initially lower. Under these conditions, it is a good idea to operate the brakes from time to time.
4. Do not brake hard on a wet surface, on dirt tracks or on any slippery road surface.
5. If you have to brake, use both brakes in order to divide the braking action between both wheels.
6. Avoid starting off by mounting the vehicle while it is still resting on its stand. In any case, the rear wheel should not be turning when it comes into contact with the ground, in order to avoid abrupt departures.
7. If the vehicle is used on roads covered with sand, mud, snow mixed with salt, etc., clean the brake disc frequently with mild detergent in order to prevent abrasive substances from building up within the holes, which can result in early wear of the brake pads.

8. Any elaboration that modifies the vehicle's performances, such as tampering with original structural parts is strictly forbidden by law, and renders the vehicle not conforming to the approved type and therefor dangerous to ride.

**CAUTION**

**RIDING UNDER THE INFLUENCE OF ALCOHOL, DRUGS OR CERTAIN MEDICINES CAN BE EXTREMELY DANGEROUS FOR ONESELF AND FOR OTHERS.**

**CAUTION**

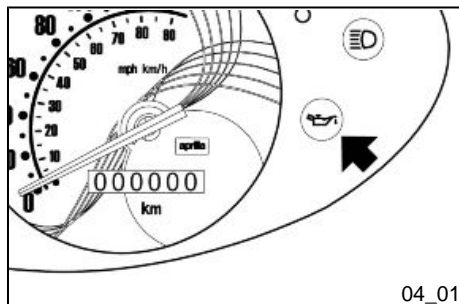
**ANY ELABORATION THAT MODIFIES THE VEHICLE'S PERFORMANCES, SUCH AS TAMPERING WITH ORIGINAL STRUCTURAL PARTS IS STRICTLY FORBIDDEN BY LAW, AND RENDERS THE VEHICLE NO LONGER CONFORMING TO THE APPROVED TYPE AND DANGEROUS FOR RIDING.**



# SR Motard 125



## Chap. 03 Maintenance



## Engine oil level (04\_01)

Check engine oil level frequently according to the indications in the scheduled maintenance table.

**THE VEHICLE IS, HOWEVER, EQUIPPED WITH AN OIL PRESSURE WARNING LIGHT ON THE INSTRUMENT PANEL.**

### CAUTION

**HANDLING OIL FOR PROLONGED PERIODS AND ON A REGULAR BASIS CAN CAUSE SERIOUS SKIN DAMAGE.**

**WASH YOUR HANDS CAREFULLY AFTER HANDLING OIL.**

**WHEN CARRYING OUT MAINTENANCE OPERATIONS, IT IS ADVISABLE TO WEAR LATEX GLOVES.**

**KEEP OUT OF THE REACH OF CHILDREN**

**DO NOT DISPOSE OF OIL INTO THE ENVIRONMENT.**

### CAUTION

**PROCEED WITH CAUTION.**

**DO NOT SPILL OIL.**

**BE CAREFUL NOT TO DIRTY COMPONENTS, THE WORKING OR SURROUNDING AREA.**

**THOROUGHLY WASH OUT ANY OIL TRACE.**

**IF OIL IS LEAKING OR THERE ARE MALFUNCTIONS CONTACT AN Authorised Service Centre.**

For topping up or changing oil contact an **Authorised Service Centre**.

## Engine oil level check (04\_02, 04\_03)

- Park the vehicle on its centre stand.

### CAUTION

**PARK THE MOTORCYCLE ON SAFE AND LEVEL GROUND.**

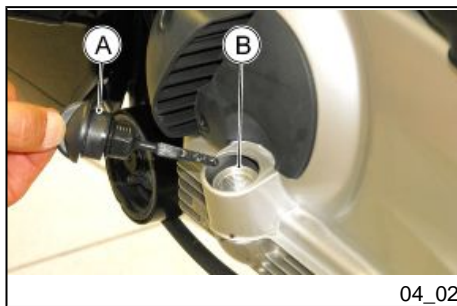
### CAUTION

**THE ENGINE AND THE EXHAUST SYSTEM COMPONENTS CAN GET VERY HOT AND REMAIN SO FOR SOME TIME EVEN AFTER THE ENGINE IS TURNED OFF. WEAR INSULATING GLOVES BEFORE HANDLING THESE PARTS OR WAIT UNTIL THE ENGINE AND THE EXHAUST SYSTEM COOL DOWN.**

- Stop the engine and let it cool down. This will allow the oil to settle into the crankcase and cool down.

### CAUTION

**FAILURE TO FOLLOW THESE OPERATIONS MAY RESULT IN AN INCORRECT READING OF THE ENGINE OIL LEVEL.**

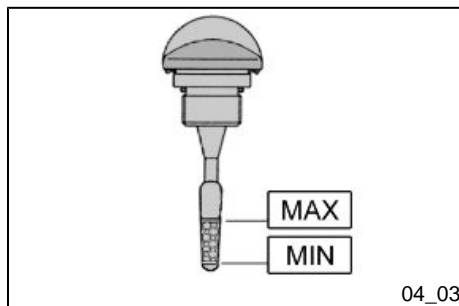


04\_02

- Unscrew and take out the measuring cap-dipstick « **A** ».
- Clean the area in contact with oil with a clean cloth.
- Screw the cap-dipstick « **A** » completely in its tube « **B** ».
- Remove the cap-dipstick « **A** » again and read the level the oil reaches on the dipstick.
- The level is correct when it is close to the **(MAX)** level marked on the measuring dipstick.

### CAUTION

**DO NOT GO BEYOND THE (MAX) AND BELOW THE (MIN) LEVEL MARK TO AVOID SEVERE ENGINE DAMAGE.**



## Engine oil top-up

### CAUTION

TO TOP-UP THE ENGINE OIL, PLEASE CONTACT AN Authorised Service Centre. IF YOU ARE ADEQUATELY TRAINED AND EXPERIENCED, REFER TO THE INSTRUCTIONS IN THE WORKSHOP BOOKLET AVAILABLE AT ANY Authorised Service Centre.

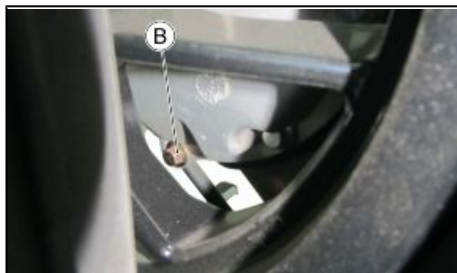
### CAUTION

DO NOT RIDE THE MOTORCYCLE WITH INSUFFICIENT LUBRICATION OR WITH CONTAMINATED OR INCORRECT LUBRICANTS AS THIS ACCELERATES THE WEAR AND TEAR OF THE MOVING PARTS AND CAN CAUSE IRRETRIEVABLE DAMAGE.

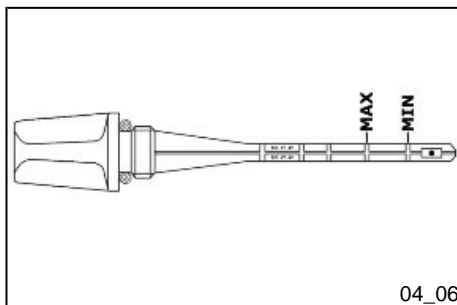




04\_04



04\_05



04\_06

## Hub oil level (04\_04, 04\_05, 04\_06)

To check the hub oil level, proceed as follows:

1. Place the vehicle on its stand on a level surface;
2. Unscrew the oil dipstick «A», dry it with a clean rag and then reinsert it, **screwing it tightly into place**;
3. Unscrew the dipstick again and check that the oil level barely reaches the **2nd notch from the bottom**;
4. Screw the dipstick back into place completely.

The screw «B» is the hub oil drainage plug.

### CAUTION



**RUNNING THE ENGINE WITH INSUFFICIENT LUBRICATION OR WITH THE WRONG LUBRICANTS MAY INCREASE WEAR AND TEAR ON THE MOVING PARTS AND MAY CAUSE SERIOUS DAMAGE.**

### CAUTION



**USED OILS CONTAIN SUBSTANCES HARMFUL TO THE ENVIRONMENT. FOR OIL CHANGE, CONTACT AN AUTHORISED SERVICE CENTRE WHICH IS EQUIPPED TO DISPOSE OF USED OILS IN AN ENVIRONMENTALLY FRIENDLY AND LEGAL WAY.**

### NOTE

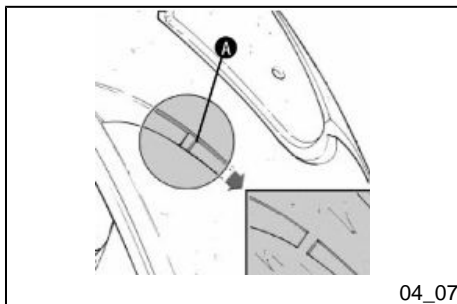
**THE NOTCHES ON THE HUB OIL LEVEL DIPSTICK, EXCEPT THOSE INDICATING THE MAXIMUM AND MINIMUM LEVELS, REFER TO OTHER MODELS BY THE MANUFACTURER, AND HAVE NO SPECIFIC FUNCTION FOR THIS MODEL.**

## Recommended products

**AGIP GEAR SAE 80W-90**

*Lubricant for gearboxes and transmissions.*

API GL-4

**Characteristic****Rear hub oil**Quantity: approx. 80 cm<sup>3</sup>**Tyres (04\_07)**

Periodically check the inflation pressure of each tyre. Tyres are equipped with wear indicators. Tyres should be replaced as soon as these indicators become visible on the tyre tread. Also check that tyres do not show signs of splitting at the sides or irregular tread wear; should this occur, go to an authorised workshop or to a workshop properly equipped for refitting.

**CAUTION**

**TYRE PRESSURE SHOULD BE CHECKED WHEN TYRES ARE COLD. INCORRECT TYRE PRESSURE CAUSES ABNORMAL TYRE WEAR AND MAKES RIDING DANGEROUS.**

**TYRES MUST BE REPLACED WHEN THE TREAD REACHES THE WEAR LIMITS SET FORTH BY LAW.**

**TYRES**

Front tyre	120/70 - 14" 55 P
Rear tyre	120/70 - 14" 55 P

**TYRE INFLATION PRESSURE**

Front tyre standard inflation pressure	2.0 bar
Rear tyre standard inflation pressure	2.2 bar

**Spark plug dismantlement (04\_08, 04\_09, 04\_10, 04\_11)**

Check the spark plug according to the indications in the scheduled maintenance table. Remove the spark plug regularly, clean off carbon scales, and replace spark plug if necessary.

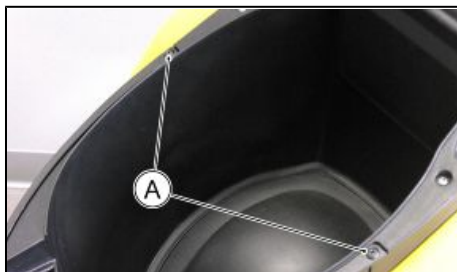
To reach the spark plug:

- Lift the saddle.
- Unscrew and remove the screws « **A** ».
- Unscrew and remove the screws « **B** ».

**CAUTION**

**PROCEED WITH CAUTION.**

**DO NOT DAMAGE THE TONGUES OR THEIR SEATS. HANDLE THE PAINTED AND PLASTIC COMPONENTS CAREFULLY. DO NOT SCRATCH OR DAMAGE THEM.**



04\_08

Pull and slide off the front inspection cover « C ».

**NOTE**

**UPON REFITTING, INSERT THE FITTING TABS CORRECTLY IN THEIR SLOTS.**



04\_09

- Unscrew and remove the screw « D » and then remove the coil.

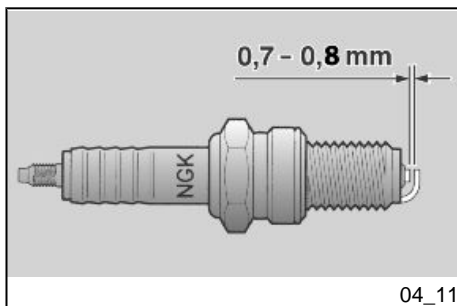
For removal and cleaning:

**CAUTION**

**BEFORE CARRYING OUT THE FOLLOWING OPERATIONS AND IN ORDER TO AVOID BURNS, LEAVE ENGINE AND EXHAUST TO COOL OFF TO AMBIENT TEMPERATURE.**



04\_10



04\_11

- Remove the spark plug tube.
- Unscrew the spark plug with the wrench supplied in the tool kit and remove it from its seat, making sure no dust or dirt falls into the cylinder.
- Check that the spark plug electrode and centre porcelain are free of carbon deposits or signs of corrosion. If necessary, clean using suitable spark plug cleaners, a wire and/or metal brush.
- Blow with a strong air blast to avoid removed dirt getting into the engine. Replace the spark plug if there are cracks on the spark plug insulating material, corroded electrodes or several deposits.
- Check the electrode gap with a thickness gauge. This gap should be **0.7 - 0.8 mm**; adjust it if necessary by carefully bending the earth electrode.
- Make sure the washer is in good conditions. Once the washer is fitted, finger screw the spark plug to avoid damaging the thread.
- Tighten using the spanner supplied in the toolkit, make the spark plug complete 1/2 of a turn to press the washer.

#### CAUTION

**TIGHTEN THE SPARK PLUG CORRECTLY. OTHERWISE, THE ENGINE MAY OVERHEAT AND GET IRRETRIEVABLE DAMAGED.**

**USE ONLY THE RECOMMENDED TYPE OF SPARK PLUG, OTHERWISE, ENGINE DURATION AND PERFORMANCE COULD BE COMPROMISED.**

#### Characteristic

##### Electrode gap

0.7 to 0.8 mm

##### Spark plug

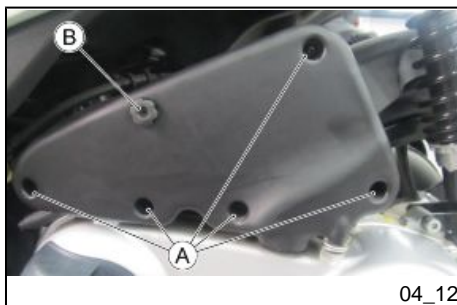
NGK CR7EB

##### Candela alternativa

CHAMPION RG6YC

- Refit the spark plug hood «E» securely, so that it will not work itself loose when exposed to engine vibration.

- Refit the central inspection cover «C».



### Removing the air filter (04\_12, 04\_13)

Remove cleaner cover unscrewing the 5 retaining screws «A» and the fastening knob «B» and then remove the filter «C».

Clean it by washing with water and neutral detergent; and then dry it with a clean rag and short blasts of compressed air.

At this point, immerse the filter element in a solution of petrol and oil, in the ratio of 50-50, then squeeze it in your hands without wringing it, then allow it to dry and refit it.

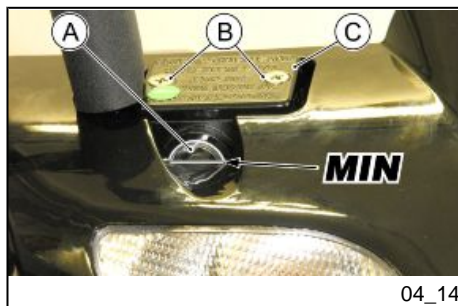
### Recommended products

#### AGIP FILTER OIL

*Special product for the treatment of foam filters.*

-





### Checking the brake oil level (04\_14)

The brake fluid reservoir is equipped with a sight glass «A» made of transparent material; the quantity of liquid contained in the sight glass indicates the level of liquid in the reservoir.

When the sight glass «A» is full, the level inside the reservoir exceeds the MIN level; when it is partially full, the level drops to the MIN level; when it is fully empty, the level of fluid in the reservoir is below the MIN level.

The brake fluid level may fall due to wear on the brake pads. In case the pad wear is below the minimum mark, contact an **Authorised Service Centre** to have the braking system thoroughly checked. If you need to top up the level, follow the steps listed below. Unscrew the 2 screws «B», remove the reservoir cap «C» and pour in the required quantity of fluid (the brake fluid level must be above minimum). Place the handlebar in the riding position and pay attention not to tilt the vehicle in order to keep the brake fluid reservoir in horizontal position when checking the fluid level.

#### CAUTION



**TOP-UPS SHOULD ONLY BE CARRIED OUT WITH DOT4 CLASSIFIED BRAKE FLUID.**

#### WARNING

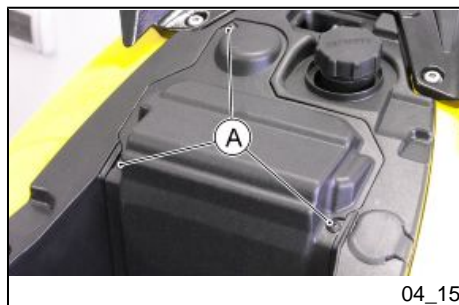


**IN NORMAL CLIMATIC CONDITIONS IT IS ADVISABLE TO REPLACE THE ABOVE-MENTIONED FLUID EVERY 2 YEAR. NEVER USE BRAKE FLUID CONTAINED IN CONTAINERS WHICH ARE ALREADY OPEN OR PARTIALLY USED.**

#### CAUTION



**THE BRAKING CIRCUIT FLUID IS HIGHLY CORROSIVE. THEREFORE, WHEN TOPPING IT UP, AVOID LETTING IT COME INTO CONTACT WITH THE PAINTED**



PARTS OF THE VEHICLE. THE BRAKING CIRCUIT FLUID IS HYGROSCOPIC, THAT IS, IT ABSORBS HUMIDITY FROM THE SURROUNDING AIR. IF MOISTURE CONTAINED IN THE BRAKE FLUID EXCEEDS A CERTAIN VALUE, THIS WILL RESULT IN INEFFICIENT BRAKING.

## Battery (04\_15)

Lift the saddle forward to access the battery then remove access door to the battery by unscrewing the star-shaped screws « **A** » as shown in the picture.

The battery is the electrical device that requires the most frequent attention and the most thorough maintenance.

### WARNING



USED BATTERIES ARE HARMFUL FOR THE ENVIRONMENT. COLLECTION AND DISPOSAL SHOULD BE CARRIED OUT IN COMPLIANCE WITH REGULATIONS IN FORCE.

### CAUTION



ELECTROLYTE CONTAINS SULPHURIC ACID: AVOID CONTACT WITH EYES, SKIN AND CLOTHES. IN CASE OF ACCIDENTAL CONTACT, RINSE WITH ABUNDANT WATER AND CONSULT A DOCTOR.

### CAUTION



IN ORDER TO AVOID DAMAGING THE ELECTRIC SYSTEM, NEVER DISCONNECT THE WIRING WHILE THE ENGINE IS RUNNING. DO NOT TIP THE VEHICLE



**TOO MUCH IN ORDER TO AVOID DANGEROUS LEAKAGE OF THE BATTERY ELECTROLYTE.**

### Checking the electrolyte level

The electrolyte level, which should be checked regularly, must always be at the maximum level. To reach this level, use only distilled water. Should it become necessary to top up the battery with water too frequently, check the vehicle's electrical system because the battery is being overloaded, causing it to lose power quickly.

#### CAUTION



**ELECTROLYTE CONTAINS SULPHURIC ACID: AVOID CONTACT WITH EYES, SKIN AND CLOTHES. IN CASE OF ACCIDENTAL CONTACT, RINSE WITH ABUNDANT WATER AND CONSULT A DOCTOR.**

### Long periods of inactivity (04\_16)

Battery performance will decrease if the vehicle is not used for a long time. This is the result of the natural phenomenon of battery discharging, and may be due to residual absorption by vehicle components with constant power consumption. Poor battery performance may also be due to environmental conditions and the cleanliness of the poles. In order to avoid difficult starts and/or irreversible damage to the battery, follow any of these steps:

- **At least once a month** start the engine and run it slightly above idle speed for 10-15 minutes. This keeps all the engine components, as well as the battery, in good working order.
- Take your vehicle to a garage (as indicated in the «Vehicle not used for extended periods» section) to have the battery removed. Have the battery cleaned, charged



04\_16

fully and stored in a dry, ventilated place. Recharge **at least once every two months**.

#### NOTE

**THE BATTERY MUST BE CHARGED WITH A CURRENT EQUAL TO 1/10 OF THE RATED CAPACITY OF THE BATTERY AND FOR NOT LONGER THAN 10 HOURS. CONTACT AN AUTHORISED SERVICE CENTRE TO CARRY OUT THIS OPERATION SAFELY. WHEN REFITTING THE BATTERY MAKE SURE THE LEADS ARE CORRECTLY CONNECTED TO THE TERMINALS.**

#### WARNING

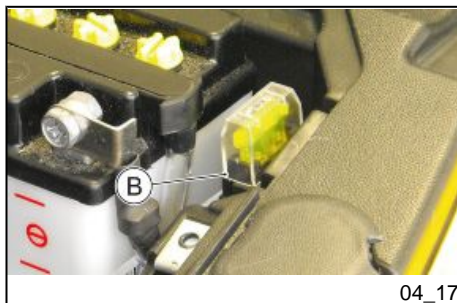


**DO NOT DISCONNECT THE BATTERY CABLES WITH THE ENGINE RUNNING, THIS CAN CAUSE IRREPARABLE DAMAGE TO THE VEHICLE'S ELECTRONIC CONTROL UNIT.**

#### WARNING



**USED BATTERIES ARE HARMFUL FOR THE ENVIRONMENT. COLLECTION AND DISPOSAL SHOULD BE CARRIED OUT IN COMPLIANCE WITH REGULATIONS IN FORCE.**



04\_17

## Fuses (04\_17)

The electrical system is protected by a main fuse valve «B» placed on the left of the battery support and by two secondary fuses of 7.5 A and 15 A placed in the front shield. If after replacing a fuse, the new fuse burns out, the vehicle needs to be taken to an **Authorised Service Centre** to identify the cause of the fault. Do not substitute the fuse with any alternative form of conductor

### CAUTION



**IN ORDER TO AVOID DAMAGING THE ELECTRIC SYSTEM, NEVER DISCONNECT THE WIRING WHILE THE ENGINE IS RUNNING. DO NOT TIP THE VEHICLE TOO MUCH IN ORDER TO AVOID DANGEROUS LEAKAGE OF THE BATTERY ELECTROLYTE.**

## FUSES

Fuse n°1 «B»	<b>Capacity:</b> 20A <b>Protected circuits (from battery):</b> General.
Fuse No. 2	<b>Capacity:</b> 7.5A <b>Protected circuits (live):</b> Instrument Panel (warning lights), CDI, stop switch and automatic starter.
Fuse No. 3	<b>Capacity:</b> 15A

**Protected circuits (live):**

Taillight and license plate, headlight, PTC heater, horn, instrument panel lights and fuel gauge.

**BULBS**

High beam/low beam bulb	<b>Type:</b> Halogen H8 <b>Power:</b> 12V - 35W <b>Quantity:</b> 2
Front side light bulb	<b>Type:</b> All glass <b>Power:</b> 12V 3W <b>Quantity:</b> 2
Front turn indicator light bulb	<b>Type:</b> Amber spherical <b>Power:</b> 12V - 10W <b>Quantity:</b> 1 RHS + 1 LHS
Rear turn indicator light bulb	<b>Type:</b> Amber spherical <b>Power:</b> 12V - 10W <b>Quantity:</b> 1 RHS + 1 LHS
Stop/position light bulb	<b>Type:</b> Twin-filament

	<b>Power:</b> 12V - 21/5W <b>Quantity:</b> 1
12V - 1.2W warning light bulb	<b>Type:</b> ALL GLASS <b>Application:</b> 1 Turn indicator warning light - 1 High-beam warning light - 1 engine oil pressure warning light - 2 control panel warning lights <b>Quantity:</b> 5
Warning light bulb	<b>Type:</b> LED <b>Application:</b> 1 Low fuel warning light <b>Quantity:</b> 1
License plate light	<b>Type:</b> ALL GLASS <b>Application:</b> 12V 3W <b>Quantity:</b> 1



04\_18

## Front light group (04\_18, 04\_19, 04\_20)

In the front headlight there are:

- A high beam light bulb « **A** »;
- A low beam light bulb « **B** »;
- Two tail light bulbs « **C** ».

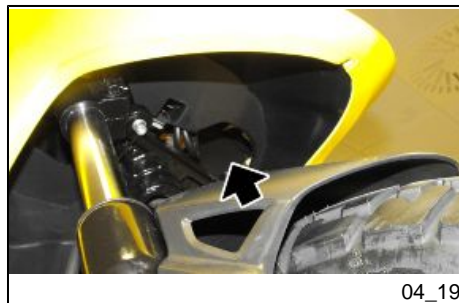
### To change the oil:

- reach the bulb holder through the slot placed behind the front case.

### LOW- / HIGH BEAM LIGHT BULB (HALOGEN)

#### CAUTION

**DO NOT PULL THE ELECTRICAL CABLES WHEN TAKING OUT THE BULB ELECTRICAL CONNECTOR.**



04\_19

- Hold the bulb electric connector « **D** »; turn it anticlockwise and slide it off.
- Take the bulb out.

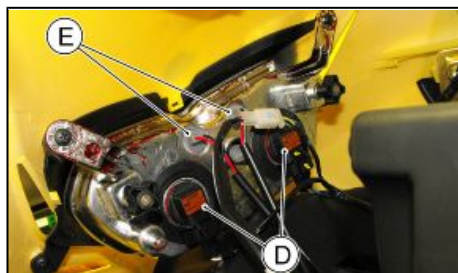
### When refitting the bulb:

- Place the bulb holder in the parabole, making sure that the reference tongue is correctly placed in the corresponding slots.
- Turn the bulb holder clockwise.

### TAIL LIGHT BULB

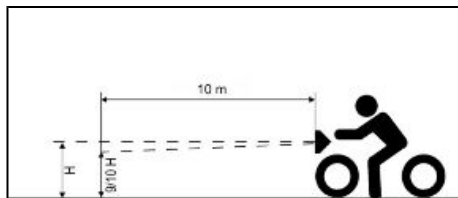
#### CAUTION

**DO NOT PULL THE ELECTRICAL CABLES WHEN TAKING OUT THE BULB HOLDER.**



04\_20

- Hold the bulb holder « E » and pull it out from its slot.
- Slide off the tail light bulb and replace it with another of the same type.



04\_21

### Headlight adjustment (04\_21, 04\_22, 04\_23)

For a quick check of the correct direction of the front light beams, place the vehicle ten metres from a vertical wall and make sure the ground is level.

Turn on the low beam light, sit on the vehicle and check that the light beam projected to the wall is a little below the headlight horizontal straight line (about 9/10 of the total height).

To adjust the light beam:

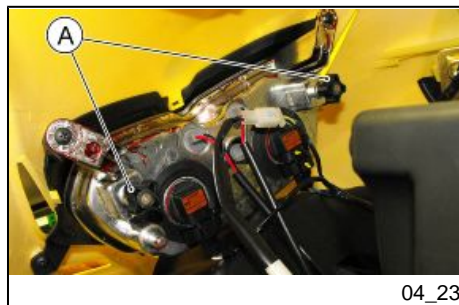
- Reach the adjustment knobs « A » through the slot placed behind the front case.

TIGHTEN the screw (clockwise) to raise the light beam.

UNDO the screw (anticlockwise) to lower the light beam.



04\_22



04\_23

### Front direction indicators (04\_24, 04\_25, 04\_26)

For replacement:

#### CAUTION

THE FOLLOWING INFORMATION REFERS TO ONLY ONE INDICATOR BUT IT APPLIES TO ALL INDICATORS.



04\_24

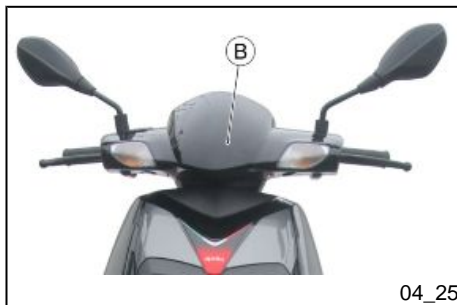
- Unscrew and remove the screws « A ».

#### CAUTION

PERFORM THE OPERATIONS CAREFULLY.

DO NOT DAMAGE THE TONGUES OR THEIR SEATS.



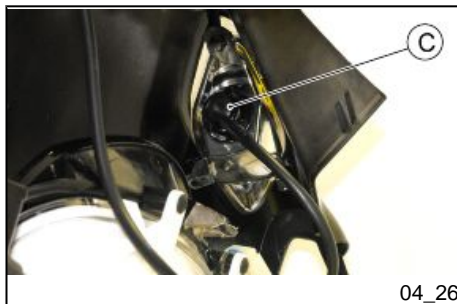


04\_25

- Slide the protective glass off « B ».
- Turn the bulb holder « C » clockwise and slide it off its slot.
- Press the bulb slightly and turn it anticlockwise.
- Take out the bulb from its fitting.

**NOTE**

**INSERT THE BULB IN THE BULB HOLDER SO THAT THE TWO GUIDING PINS COINCIDE WITH THEIR GUIDES ON THE BULB HOLDER.**



04\_26

- Install a bulb of the same type adequately:

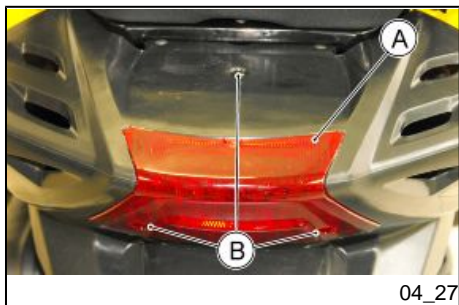
**When refitting the bulb:**

**CAUTION**

**POSITION THE PROTECTIVE GLASS « B » CORRECTLY IN ITS SLOT.**

**CAUTION**

**TIGHTEN THE SCREWS « A » CAREFULLY AND SLIGHTLY TO AVOID DAMAGING THE TAIL LIGHT GLASS.**



## Rear optical unit (04\_27)

In the taillight there is:

- a tail light / stop light bulb.

### To replace the bulbs:

- Remove the tail light glass « A » by undoing the screws « B ».
- Press the bulb slightly and turn it anticlockwise.
- Take out the bulb from its fitting.

### NOTE

**INSERT THE BULB IN THE BULB HOLDER SO THAT THE TWO GUIDING PINS COINCIDE WITH THEIR GUIDES ON THE BULB HOLDER.**

- Install a bulb of the same type adequately.

### NOTE

**WHEN REFITTING, POSITION THE TAIL LIGHT GLASS (A) CORRECTLY IN IT CORRESPONDING SLOT.**

## Rear turn indicators (04\_28)

For replacement:

### CAUTION

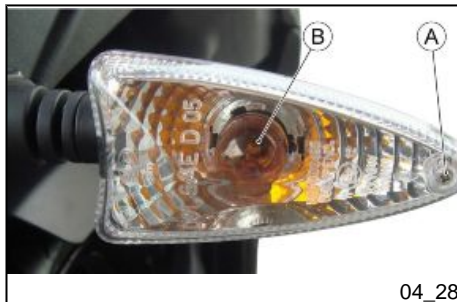
**THE FOLLOWING INFORMATION REFERS TO ONLY ONE INDICATOR BUT IT APPLIES TO ALL INDICATORS.**

- Unscrew and remove the screws « A ».

**CAUTION**

**PERFORM THE OPERATIONS CAREFULLY.**

**DO NOT DAMAGE THE TONGUES OR THEIR SEATS.**



- Slide the glass off « **B** ».
- Press the bulb slightly and turn it anticlockwise.
- Take out the bulb from its fitting.

**NOTE**

**INSERT THE BULB IN THE BULB HOLDER SO THAT THE TWO GUIDING PINS COINCIDE WITH THEIR GUIDES ON THE BULB HOLDER.**

- Take out the bulb from its fitting.

**NOTE**

**INSERT THE BULB IN THE BULB HOLDER SO THAT THE TWO GUIDING PINS COINCIDE WITH THEIR GUIDES ON THE BULB HOLDER.**

- Install a bulb of the same type adequately:

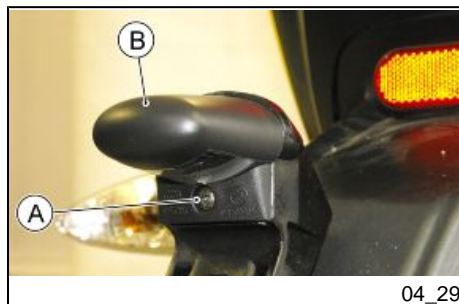
**When refitting the bulb:**

**CAUTION**

**POSITION THE PROTECTIVE GLASS « B » CORRECTLY IN ITS SLOT.**

**CAUTION**

**TIGHTEN THE SCREWS « A » CAREFULLY AND SLIGHTLY TO AVOID DAMAGING THE TAIL LIGHT GLASS.**



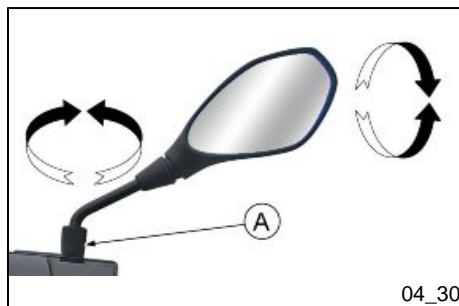
### Number plate light (04\_29)

To remove the bulb:

- Undo and remove the screw « **A** ».
- Remove the license plate bulb support « **B** ».
- Slide off and replace the bulb with another one of the same type.

#### CAUTION

**POSITION THE PROTECTIVE GLASS « B » CORRECTLY IN ITS SLOT.**



### Rear-view mirrors (04\_30)

To adjust the position of the stem, lift the rubber protection and loosen the nut « **A** » with open wrench (opening 13 mm), adjust then the stem to the best position and tighten the nut.

### Idle adjustment

#### CAUTION

**TO ADJUST IDLE SPEED, PLEASE CONTACT AN Official Dealer. IF YOU ARE ADEQUATELY TRAINED AND EXPERIENCED, REFER TO THE INSTRUCTIONS IN THE WORKSHOP BOOKLET AVAILABLE ALSO AT ANY Official Dealer.**

## Front disc brake (04\_31, 04\_32, 04\_33)

The brake disc and pad wear is automatically compensated, therefore it has no effect on the functioning of the front and rear brakes. For this reason it is not necessary to adjust the brakes. An excessively elastic brake lever stroke may indicate the presence of air in the braking circuit or an irregular brake operation. In this case, particularly considering the importance of the brakes in terms of safety, it is strongly recommended that you take the vehicle to an **Authorised Service Centre** as soon as possible for the appropriate checks.

### WARNING



**CHECK BRAKE PADS FOR WEAR ON A REGULAR BASIS (AS INDICATED IN THE SCHEDULE MAINTENANCE TABLES). IF THE THICKNESS OF ONE OR BOTH PADS IS IN THE REGION OF 1.5 MM, BOTH PADS MUST BE CHANGED. IT IS RECOMMENDED TO CARRY OUT THIS OPERATION AT AN AUTHORISED SERVICE CENTRE AS SOON AS POSSIBLE.**

**AFTER FITTING NEW BRAKE PADS DO NOT USE THE VEHICLE UNTIL YOU HAVE ACTIVATED THE BRAKE LEVER REPEATEDLY TO POSITION THE PADS AND RESTORE THE LEVER STROKE TO ITS CORRECT POSITION.**

### CAUTION



**BRAKING SHOULD BEGIN AFTER ABOUT 1/3 OF THE BRAKE LEVER STROKE.**



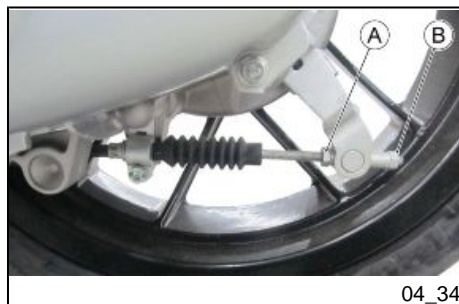
04\_31



04\_32



04\_33



04\_34

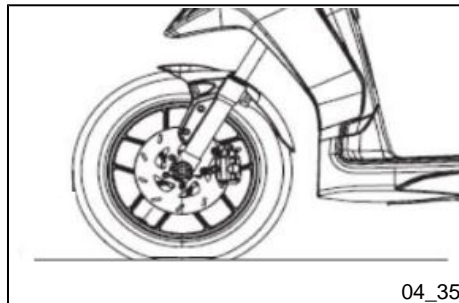
### Rear drum brake (04\_34)

Operate adjusting nut «B» and loosen lock nut «A» shown in the figure. Note that when the throttle is in idle **the wheel should rotate free**. After the adjustment, screw lock nut «A».

#### CAUTION



**BRAKING SHOULD BEGIN AFTER ABOUT 1/3 OF THE BRAKE LEVER STROKE.**



04\_35

### Puncture (04\_35)

The vehicle is equipped with Tubeless tyres. When there is a puncture, Tubeless tyres - unlike tyres with inner tubes - go flat very slowly. This offers greater riding safety. A tyre that goes flat very slowly can be repaired with an "Inflate and Repair" spray. Tyres should be later fully repaired or replaced at an **Authorised Service Centre**.



04\_36

## del veicolo (04\_36)

We recommend carrying out the following operations:

1. General cleaning of the vehicle.
2. With the engine off and the piston at the bottom dead centre position, **remove the spark plug**, and pour 1-2 cm<sup>3</sup> of recommended oil through its hole. Press the engine start pedal 3 or 4 times letting the engine perform a few revolutions slowly, then replace the spark plug.
3. Drain up all the vehicle fuel; spread antirust grease on the uncoated metal parts; keep the wheels off the ground, by resting the chassis on two wooden wedges.
4. For the battery, follow the procedures described in the «Battery» section.
5. Drain the petrol from the carburettor float chamber through the bleed cap.

## Recommended products

### eni i-Ride PG 5W-40

*Synthetic based lubricant for high-performance four-stroke engines.*

JASO MA, MA2 - API SL - ACEA A3

## Cleaning the vehicle

Use a low pressure jet of water to soften the caked dirt and mud deposited on the painted surfaces. Once softened, sponge off mud and dirt using a car body sponge soaked in a car body shampoo and water solution (2-4% of car shampoo in water). Then rinse with abundant water, and dry with a shammy cloth. For the engine exterior, use petrol, a brush and clean cloths. Petrol can damage paintwork. Remember that any polishing with silicone wax must always be preceded by washing.

**CAUTION**

DETERGENTS POLLUTE WATER. THEREFORE THE VEHICLE SHOULD BE WASHED IN AN AREA EQUIPPED FOR THE COLLECTION AND PURIFICATION OF THE LIQUIDS USED.

**WARNING**

NEVER WASH THE VEHICLE UNDER DIRECT SUNLIGHT, ESPECIALLY IN SUMMER WHEN THE BODYWORK IS STILL HOT, AS THE CAR SHAMPOO MAY DRY BEFORE BEING RINSED OFF, AND COULD DAMAGE THE PAINTWORK. NEVER USE RAGS SOAKED IN PETROL OR DIESEL OIL TO CLEAN THE PAINTED OR PLASTIC SURFACES, IN ORDER TO PREVENT THEM LOSING THEIR SHINE AND MECHANICAL CHARACTERISTICS.

**WARNING**

WHEN WASHING THE ENGINE WITH A HIGH-PRESSURE WATER JET:

- ONLY USE FAN SPRAY JETS.
- DO NOT PLACE THE NOZZLE CLOSER THAN 60 CM.
- DO NOT USE WATER AT TEMPERATURES OVER 40° C.
- DO NOT DIRECT THE JETS DIRECTLY TO CARBURETTOR, WIRINGS, SLOT DIFFUSERS ON THE TRANSMISSION COVER AND SCROLL COVER.

**WARNING**

USE AN ANTISTATIC CLOTH TO CLEAN THE DISPLAY AREA ON THE CONTROL PANEL. IF AN ANTISTATIC CLOTH IS NOT USED, BLACK LINES MAY APPEAR ON THE DISPLAY, BUT THESE SHOULD DISAPPEAR QUICKLY AFTER THE ENGINE IS SWITCHED ON AND OFF A FEW TIMES IN NORMAL USE.



### **START-UP PROBLEMS**

No fuel in tank	Refuel
Filters, jets or carburettor body dirty or clogged.	Contact an <b>Authorised Service Centre</b> .
Insufficient battery charge	Kick-start. Recharge the battery.

### **IGNITION PROBLEMS**

No spark from spark plug. Due to the presence of high voltage, this check should only be carried out by an expert.	<p>Check that the electrodes are properly adjusted (0.7÷ 0.8 mm).          Check that the electrodes are clean (clean with pure petrol and metal brush or with emery cloth).          Check the spark plug insulator:          Replace the spark plug if the insulator is cracked or broken. If the spark plug is in good conditions, contact an <b>Authorised Service Centre</b>.</p>
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### **LACK OF COMPRESSION**

Spark plug loose. Loose cylinder head, worn piston retaining rings.	Contact an <b>Authorised Service Centre</b> .
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## **HIGH CONSUMPTION AND LOW PERFORMANCE**

Air filter blocked or dirty.	Clean with water and shampoo and impregnate with petrol and specific oil («Air filter removal» section)
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## **INEFFICIENT BRAKING**

Oil on drum or disc. Worn Pads/ Shoes	Contact an <b>Authorised Service Centre</b>
incorrect rear brake adjustment	Adjust

## **INEFFICIENT SUSPENSION**

Oil leak; worn limit switch bumpers; worn shock absorber attachment points	Contact an <b>Authorised Service Centre</b>
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## **AUTOMATIC TRANSMISSION PROBLEMS**

Deteriorated roller housing or belt.	Contact an <b>Authorised Service Centre.</b>
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**INCREASED EXHAUST NOISE**

Deterioration of the SAS system  
and/or of the tab

Contact an **Authorised Service  
Centre.**

**STAND DOES NOT RETURN TO POSITION**

Presence of dirt

Clean and grease

**STARTER LEVER DOES NOT RETURN TO CORRECT  
POSITION**

Presence of dirt

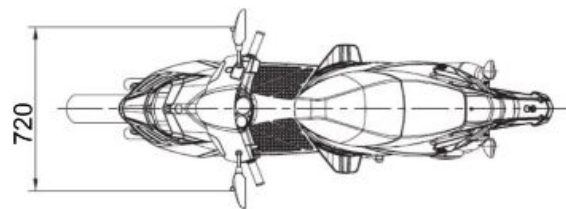
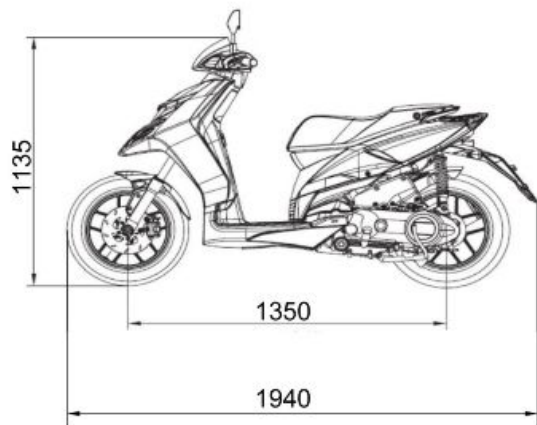
Clean and grease



# SR Motard 125



**Chap. 04**  
**Technical data**



05\_01

#### **VEHICLE TECHNICAL DATA**

Chassis	Tubular steel frame with sheet metal reinforcements
Maximum length	1940 mm
Maximum width	720 mm
Wheelbase	1350 mm

Saddle height	775 mm
Maximum height to the windshield	1135 mm
Kerb weight	117 kg
Maximum allowed weight	302 kg
Front suspension	Hydraulic telescopic fork Ø32 - 86 mm travel
Rear suspension	Adjustable 4-position spring preloading single shock absorber, 82 mm travel
Front wheel	with 3.00x14" wheel rim in light alloy
Rear wheel	with 3.50x14" wheel rim in light alloy
Front tyre	120/70 - 14" 55 P
Rear tyre	120/70 - 14" 55 P
Front tyre standard inflation pressure	2.0 bar
Rear tyre standard inflation pressure	2.2 bar
Front brake	Disc brake (Ø220 mm) with hydraulic control (lever on the far right of the handlebar) and floating calliper.
Rear brake	Ø 140mm drum brake
Fuel	Unleaded petrol
Starter	Electric

Battery	12V - 9 Ah
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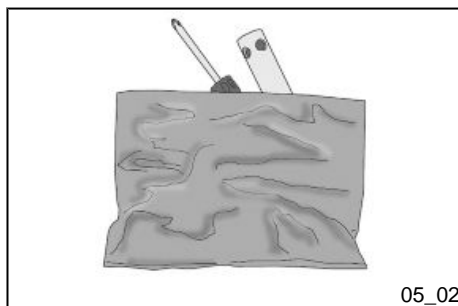
### **ENGINE SPECIFICATIONS**

Engine	Single-cylinder, 4-stroke Piaggio Leader
Bore x stroke	57.0 x 48.6 mm
Engine capacity	124 cm <sup>3</sup>
Compression ratio	10,6(±0,5):1
Maximum power	6.8 kW at 8,500 rpm
Maximum torque	8.2 Nm at 7,500 rpm
Valve clearance	intake 0.10 exhaust 0.15
Depression carburettor	KEIHIN CVK 26
Spark plug	NGK CR7EB - CHAMPION RG6YC
Timing system	Single overhead camshaft (SOHC) with 2 valves
Cooling	Forced-circulation air cooling.
Lubrication	Wet crankcase
Gearbox	Automatic continuous variator
Clutch	Automatic centrifugal dry clutch



**CAPACITY**

Fuel tank	Plastic, capacity ~ 7.0 l ~ 1.5 litres including the reserve (approx. value)
Rear hub oil	Quantity: approx. 80 cm <sup>3</sup>

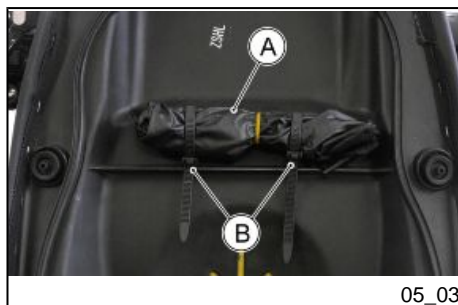


05\_02

**Kit equipment (05\_02, 05\_03)**

The tools are stored under the saddle. In order to take out the tools « **A** » from their housing, it is necessary to slide off the fastening clamps « **B** ».

Inside the bag there are the following tools: a double-headed screwdriver and a 13-21 mm box spanner.



05\_03



# SR Motard 125



**Chap. 05**  
**Spare parts and**  
**accessories**



## Warnings (06\_01)

### WARNING



IT IS RECOMMENDED THAT "ORIGINAL SPARE PARTS" BE USED, AS THESE ARE THE ONLY ONES OFFERING YOU THE SAME QUALITY ASSURANCE AS THOSE INITIALLY FITTED ON THE VEHICLE.

IT SHOULD BE REMEMBERED THAT USING NON-ORIGINAL SPARE PARTS CAUSES YOUR WARRANTY RIGHTS TO EXPIRE.

### WARNING



PIAGGIO MARKETS ITS OWN LINE OF ACCESSORIES THAT ARE RECOGNISED AND GUARANTEED FOR USE. IT IS THEREFORE ESSENTIAL TO CONTACT AN AUTHORISED DEALER OR SERVICE CENTRE IN ORDER TO CHOOSE AND FIT ACCESSORIES CORRECTLY. THE USE OF NON-ORIGINAL ACCESSORIES MAY AFFECT THE STABILITY AND OPERATION OF YOUR VEHICLE AND REDUCE SAFETY LEVELS WITH POTENTIAL RISKS FOR THE RIDER.

# SR Motard 125



**Chap. 06**  
**Programmed**  
**maintenance**



07\_01

## Scheduled maintenance table (07\_01)

Adequate maintenance is fundamental to ensuring long-lasting, optimum operation and performance of your vehicle.

To this end, a series of checks and maintenance operations (at the owner's expense) have been suggested, which are included in the summary table on the following page. Any minor faults should be reported without delay to an **Authorised Service Centre or Dealer** without waiting until the next scheduled service to solve it.

It is necessary to have your vehicle serviced to the prescribed intervals of time, even if you have not reached the predicted mileage. Carrying out scheduled services on time is essential for the validity of your warranty. For all further information regarding the Guarantee application modes and the execution of the "Programmed Maintenance" refer to the "Guarantee Booklet".

### SCHEDULED MAINTENANCE TABLE

km x 1,000	1	6	12	18	24	30	36	42	48	54	60
Driven pulley roller casing			L		L		L		L		L
Safety fasteners	I		I		I		I		I		I
Spark plug		I	R	I	R	I	R	I	R	I	R
Centre stand		L	L	L	L	L	L	L	L	L	L
Drive belt		I	R	I	R	I	R	I	R	I	R
Throttle control	A		A		A		A		A		A
Air filter		C	C	C	C	C	C	C	C	C	C
SAS filter			C		C		C		C		C
Oil filter		R	R	R	R	R	R	R	R	R	R
Oil mesh filter	C	C	C	C	C	C	C	C	C	C	C

km x 1,000	1	6	12	18	24	30	36	42	48	54	60
Valve clearance		A		A			A			A	
Electrical system and battery	I	I	I	I	I	I	I	I	I	I	I
Cylinder cooling system					C				C		
Brake levers	L		L		L		L		L		L
Brake fluid **	I	I	I	I	I	I	I	I	I	I	I
Engine oil*	R	R	R	R	R	R	R	R	R	R	R
Hub oil	R	I	I	I	R	I	I	I	R	I	I
Headlight aiming adjustment			A		A		A		A		A
Brake pads	I	I	I	I	I	I	I	I	I	I	I
Sliding shoes / CVT rollers		I	R	I	R	I	R	I	R	I	R
Tyre pressure and wear	I	I	I	I	I	I	I	I	I	I	I
Vehicle road test	I	I	I	I	I	I	I	I	I	I	I
Idle speed	A		A		A		A		A		A
Odometer gear			L		L		L		L		L
Suspension			I		I		I		I		I
Steering	A		A		A		A		A		A
Transmission			L		L		L		L		L

**I: INSPECT AND CLEAN, ADJUST, LUBRICATE OR REPLACE IF NECESSARY**

**C: CLEAN, R: REPLACE, A: ADJUST, L: LUBRICATE**

\* Check level every 3,000 km

\*\* Replace every 2 years

**RECOMMENDED PRODUCTS TABLE**

<b>Product</b>	<b>Description</b>	<b>Specifications</b>
eni i-Ride PG 5W-40	Synthetic based lubricant for high-performance four-stroke engines.	JASO MA, MA2 - API SL - ACEA A3
AGIP GEAR SAE 80W-90	Lubricant for gearboxes and transmissions.	API GL-4
AGIP FORK 7.5 W	Oil for fork.	-
AGIP BRAKE 4	Brake fluid.	Synthetic fluid SAE J 1703 - FMVSS 116 - DOT 3/4 - ISO 4925 - CUNA NC 956 DOT 4
AGIP FILTER OIL	Special product for the treatment of foam filters.	-
NEUTRAL GREASE OR PETROLEUM JELLY	BATTERY POLES	Neutral grease or petroleum jelly



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## THE VALUE OF SERVICE

As a result of continuous updates and specific technical training programmes for Aprilia products, only **Aprilia** Official Network mechanics know this vehicle fully and have the specific tools necessary to carry out maintenance and repair operations correctly.

The reliability of the vehicle also depends on its mechanical conditions. Checking the vehicle before riding it, its regular maintenance and the use of **original Aprilia spare parts** only are essential factors!

For information on the nearest **Official Dealer and/or Service Centre** consult our website:

[www.aprilia.com](http://www.aprilia.com)

Only by requesting aprilina original spare parts can you be sure of purchasing products that were developed and tested during the actual vehicle design stage. All aprilina original spare parts undergo quality control procedures to guarantee reliability and durability.

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