

300RALLY

MANUAL DE USUARIO



ON-OFF



Spark your dreams.

Prologue.

Thank you very much for purchasing this VOG 300 RALLY motorcycle.

No: D-MUSGA-64, last revision December 16, 2022.

This user manual introduces you to the main features, basic structure, methods of adjustment and maintenance of this motorcycle.

The user manual allows you to understand the basic operation well and know how to resolve issues. typical aliases, getting your motorcycle to perform at its best, reducing breakdowns, and extend its lifespan.

This motorcycle can evolve with future modifications and it may happen that the manual of The user presents some differences with the model, so subsequent improvements are subject to subject to change without prior notice.

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Advertencias y precauciones

Read this manual carefully and re-
have the essentials. In the manual it
they use words like 'Warning'
or 'Caution' to differentiate the im-
importance of the problems to which
attention must be paid. Understand your
exact definition.



Warnings

Indicate the problems related to the
driver's personal safety. If you
don't worry about this problem, they can produce
injuries.



Precautions

Indicate the problems related to the
driver's personal safety. If you
don't worry about this problem, they can produce
injuries.

Pay attention to the accessories.

There is a wide range in the market
variety of accessories that could
to get on his motorcycle, but
it becomes impossible for Voge to con-
direct control of its quality and comparison
stability.

Inappropriate accessories can
put the driver in danger. Since
it is impossible to complete a full
check of all accessories
what the market offers, its seller
Voge's authorized dealer will help you select
the approved accessories and the mounts
hits correctly.

For the acquisition and assembly of equipment
smiles, we provide you with the following-
your general reference criteria to
the time to decide the appropriate and co-
know your installation method.



01

All accessories that provide extra weight or are exposed to the march must be as light and aerodynamic as possible. possible dynamics, be positioned close to the body of the motorcycle and its center of gravity. The luggage racks and their supplements should be reviewed thoroughly confirming that they have been installed securely. A deficient assembly it can cause a shift in the center of gravity with its corresponding danger.

02

Check the ground clearance and the angle of the accessories; incorrect installation can affect safety. Dad. Attention must be paid to ensure they do not interfere with the operation of the suspensions, steering, and controls of control.

03

In the event of mounting accessories on the handlebar or the fork, serious imbalances may occur. The additional weight on the front axle can reduce sensitivity in the steering, causing a overload on the front wheel and unstable driving. Reduce the weight of the accessories mounted on the handlebars and the fork at minimum.

04

The windshield, backrest, saddlebags, and trunk are accessories exposed to the wind that can produce instability, especially with gusty side winds or when overtaking heavy vehicles. If the accessory is poorly mounted or its design is deficient, it could endanger driving. It You should pay special attention to these accessories.

05

Some accessories may force the driver to move, which not only limits their position. not only driving but also the operation of the controls.

06

A device connected to the electrical system can cause an electrical overload and, in the worst case, it can burn the wiring or disconnect the vehicle's power supply, which affects personal safety.



Driving motorcycle insurance

01 Check the motorcycle before starting the engine to prevent the parts from getting damaged and to avoid accidents.

02 The driver should not ride the motorcycle without having the appropriate circulation permit. Do not leave the motorcycle-calls a person without a driver's license.

03 To avoid injuries, pay attention while driving when riding the motorcycle, especially:

Do not drive too close to another vehicle.
Do not race on public roads

04 Always comply with traffic regulations.

Speeding is the main cause of the accidents. Do not exceed the speeds maximums of the area.

Always use the turn signals when I changed lanes.

05 Pay special attention to driving when you find at an intersection, and at the exit or entrance of a garage.

06 Firmly grip the handlebars with the hands and rest your feet on the stirrups while moving.

07 Firmly grip the handlebars with the hands and place your feet on the stirrups while in motion.

08 Do not shift from neutral to first gear at high speed.

Equipment

01 To ensure your personal safety, use a equipment protection gear such as a helmet, jacket, boots, protective goggles and gloves.

02 Then ull read the light parameters while turning. For this reason, use do boots to avoid burning my legs.

03 Do not wear loose clothing, as it may get caught on the footrests, pedals, wheels and danger of the rider.



Precautions

The replacement of the original components riding a motorcycle is illegal and can affect the safety of driving.
The user is responsible for the use.
Our company avoids responsibilities for repairing the motorcycle without authorization from an authorized dealer.



Warnings

01. Modifying the electrical wiring is not allowed. It is not allowed to change a blown fuse by a copper wire or another different fuse current amperage.
03. When you park at night, activate the horn-power outlet.
04. The weight of the load in the luggage rack does not must exceed 5 kg.
05. Avoid humidity and soldering on the VIN plate.

Our company dodges responsibilities of fires in the motorcycle or other problemore quality due to the previous cases.

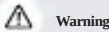


Checks before start the march

Thoroughly check the elements of the next table before starting the march:

Elements	Verification
Handlebar	Turn smoothly, without play or components loose.
Brakes	The lever and brake pedal must have a correct game and the light must be illuminated brake on the rear pilot when activating them.
Deposit	With enough fuel to cover the route.
Box of changes	Check the oil level and add if necessary, it was necessary.
Accelerator	The accelerator grip must have play correct, with smooth operation and sharp recovery when released.
Clutch	The lever must have the correct play, without the cable sticking.

Elements	Verification
Tires	Proper pressure, without cracks or wear.
Chain	Correct tension with lubrication adequate.
Lighting and horn	Check the operation of the system of lighting and the horn.
Motor oil	Check the engine oil level.



Warning

Driving tips

In case of using this for the first time motorcycle, we advise you to find one road without traffic and get familiar with the controls and operation.

Driving with one hand is dangerous
So, I firmly held the handlebar with both hands. put your hands and place your feet on the stirrups. Under no circumstances is it allowed to circuit- with no hands.

03. When turning, it is recommended to reduce a mar- to slow down.

04. The tires show low ad- inheritance when driving in the wet or about smooth pavements. In these conditions it decreases braking and the capacity of motorcycle turn. Slow down.

05. The crosswind occurs at the exit of the tunnels. Keep care and calm when crossing a valley or when overtaking vehicles heavy loads. Slow down.

06. Comply with traffic rules and the speed limits.

Technical characteristics



Number of cylinders	1 vertical DOHC
Stroke diameter	78 x 61.2 mm
Cooling	Liquid
Displacement	292 cc
Nutrition	Electronic injection
Distribution	Camshaft, 4 valves
Compression relationship	11:1
Maximum power	29/8500 hp/rpm
Maximum speed	125 km/h
Deceleration of braking	According to GB20073
Maximum overcoming slope	> 17° (> than 30%)
For maximum	25/6500 nm/rpm
Clutch	Multidisk in oil bath
Final transmission	Chain
Starting system	Electric
Type of Ignition	ECU
Battery capacity	12v 7Ah
Idle regime	1,500 + 150 rpm

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Gearbox and relationships	6 speeds
1st gear	3,000
2nd gear	2,000
3rd speed	1,500
4th speed	1, 250
5th gear	1,050
6th gear	0.905
Chassis	Multitubular
Front cover	3.00-21
Back cover	5.10-18
Front suspension	41 mm inverted fork, 206 mm
Rear suspension	Monoshock with link, travel 80mm
Front brake	Double disc 256 mm, 2 calipers
	pistons, ABS
Rear brake	Disc 220 mm, single piston caliper,
	Disconnectable ABS
Seat height	915 mm
Free distance to the ground	165 mm

Distance between axes	1430 mm
Length x Width x Height	2150 × 875 × 1405 mm
Weight in marching order	158 kg
Load capacity	150 kg (including pilot)
Maximum allowed weight	318 kg
Load on front axle	85 kg
Load on rear axle	83 kg
Maximum front weight	116 kg
Maximum rear weight	202 kg
Spark plug	BR8C
Spark plug electrode separation	0.6 - 0.7 mm
Intake valve clearance	0.10 - 0.19 mm
Exhaust valve game	0.15 - 0.24 mm
Fuel deposit	11 liters
Consumption	3.4 liters every 100 km (average 90 km/h)
Engine oil capacity	1.4 liters
Secondary transmission relationship	3,428
Primary transmission relationship	2,800

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Fuses	25A, 15A, 10A
Lightregistration	12V 0.5W LED
Beacon	12V 35/35W
Pilot/Brake light	12V 0.5/1.2W LED
Front position light	12V 2.6W LED
Front turn signals	12V 1.8W x 2 LED
Rear turn signals	12V 1.8W x 2 LED

Equipment

Digital speedometer	Side stand	Full LED lighting
Total and partial digital odometer	Tool set	High temperature indicator of motor
Digital revolution counter	Overtaking light	
Digital fuel gauge	Side kickstand switch	
Injection Fault Indicator	Emergency stop switch	
ABS failure indicator Bosch	Adjustable brake lever	
Gear engaged indicator	USB connector	

Components of the motorcycle

Clutch lever	Right mirror	Fuel tank cap
Left rearview mirror	Front brake lever	Right switch command
3) Instrument panel	Left grip	11) Throttle grip
4) Contact lock	8) Left switch command	



- Front headlight

2) Rearview mirror

Gasoline tank cap

4) Rear intermittent

Rear wheel
- Rear shock absorber

7) Sliders

Gear lever

Fork

Front disc brake
- Front wheel

12) Muleta



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- 1) Rear brake disc

Silencer

Seat

4) Rear brake pedal
- 5) VIN chassis number

(to the right of the steering pipe)



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Warning

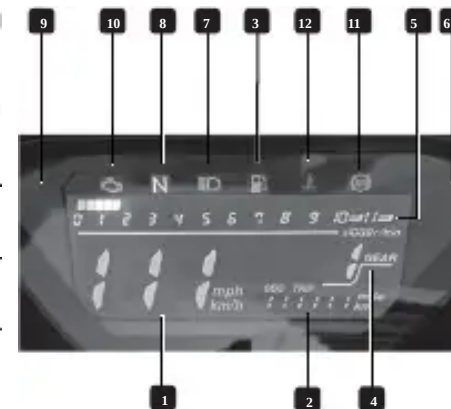
Driving tips

Get used to signaling with the turn signals. try before changing lanes or doing a turn, and turn them off when you finish the ma- niobium

Instrument panel

Name	Note
Speedometer	Show the speed in km/h
2.Account kilometers	Show the distance traveled by the motorcycle. F means that there is enough gasoline
3. Level of gasoline	Red zone means that refueling is needed. Avoid overloading the tank to prevent leaks in the piping.
4. Sea indicator gearbox	Show the selected march in the gearbox
5. Lap Count	Indicate the motor speed regime (rpm)
6.Intermittent witness- try straight	Blink when turning right

# Denominación	Note
7.Testigo lights long	It lights up when the beam of lights is activated long
8.Witness of Deadlock	It lights up when the point is selected dead
9.Intermediate witness- left tent	Blink when turning left
10.Witness OBD anomaly	It blinks when an OBD failure occurs.
11.Witness ABS anomaly	It lights up when starting the engine and then it turns off when it exceeds 5 km/h. If a failure occurs in the ABS system per- will remain illuminated.
12.Witness of temperature	High temperature warning light.



Control system of fuel vapors

The fuel vapor control system works as explained below:

- 01
- When the fuel in the tank heats up, it will-gasoline pores evaporate and pass through a con-pipe from the deposit through the dumping valve, and then they will be absorbed by the canister.
- 02
- If the motorcycle leans more than 60°, the valve of dumping will be closed to prevent gasoline from entering the canister.
- 03
- The fresh air from the atmosphere enters through the entrance of the canister and then goes through the purge outlet transpor-taking the gasoline vapors to the body of a butterfly. Here it mixes with the fuel from the injection and -train in the combustion chamber passing through the nozzle for admission to be burned.



Operation

Contact lock



Position	Use	Note
OFF	Parking (disconnected)	The key can be to take out
ON	Start or driving (connected)	Key cannot be to take out
LOCK	Blocking of the address	The key can be to take out



Warning

Do not push the motorcycle when it is blocked-the address remains since it can unbalance to rid oneself.



Precautions

Use only unleaded fuel E5 with octane-not above 90 NO.

Refueling

El depósito de gasolina tiene capacidad para 11 litros de combustible. When you go to refuel, first lean the motorcycle on your side stand, and then open the cap. After refueling, align the cap symbol with the tank and close the cap.

Start

- 01 Insert the ignition key into the lock and turn it to the position .
- 02 Put the circuit breaker switch in the "I" position.
- 03 Check that the gear is in neutral and the corresponding illuminated witness.
- 04 Check that there is enough fuel in the tank.

Start with the cold engine

- 01 Turn the accelerator knob 1/8-1/4 of a turn.
- 02 Press the start button.
- 03 Slightly accelerate to raise the engine revs and allow it to warm up.

Engine shutdown

- 01 Release the accelerator and lower the engine speed.
- 02 Put the gear in neutral.
- 03 Put the circuit breaker switch in the OFF position.

Engine filming

The filming period covers the first 1,000 km. during the shooting period, pay attention to the following points:

- 01 No transporting heavy loads, nor climbing slopes, nor drive at the same speed for more than 50 km.
- 02 Warm up the engine for 3-5 minutes before starting the march so that all moving parts are lubricated.
- 03 Do not exceed 5,000 rpm during the first 500 km. For the next 500 km do not exceed 7,000 rpm.



Precautions

Unleaded gasoline E5 with octane greater than 90 NO.



Warning

Do not start the vehicle in an enclosed area. radiator without ventilation since CO is a gas venomous.

If you are trying to start the engine several times sometimes, do not hold down the button of startup more than 5 seconds, since the a high number of attempts will cause it to heat the starter motor. In case of that it doesn't start after several attempts check the power supply and the circuit to start.

Get used to signaling with the turn signals. before changing lanes or making a turn, and turn them off when the maneuver is finished.

Left switch command

01 Short-long light switch

- ☛ In this position, the lighthouse light switches to the beam of lights. long or highway.
- ☛ In this position, the lighthouse light switches to the beam of lights. short or crossing.

02 Turn signal switch

- ☐ This position indicates the intention to turn left.
- ☐ In this position, it indicates the intention to turn right.



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Right switch command

01 Electric start button

The electric start button is located underneath. of the light switch, when the switch cuts off currents is in " " and the change in neutral, press this button and the engine will start.

02 Emergency cut-off switch

When the engine is about to start, the switch cuts off. currents is in " ". In emergency situations, put the switch on "X", it will cut off directly the on and the engine will stop.



03 Horn button

Press this button and the horn will sound.

04 Warning light / Overtaking

Press this trigger to signal the vehicles of shining with a flash of high beams its intention to to warn them or indicate a dangerous situation.

Gear shifting

Warm up the engine to ensure proper functioning normal.

- 01 When the engine is idling, operate the lever of the clutch, press down the gear shift lever in-shifting into first gear.
- 02 Accelerate the engine and slowly release the gear lever. brake with coordination to start moving.

- 03 When I have achieved a balanced driving, decelerate, engage the clutch lever, move the gear shift up to engage the se- turn speed and release the clutch lever again I'm accelerating at the same time.

- 04 Follow this method by applying it to the rest of the speeds. from the gearbox.



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Warning

01.If driving at high speeds, it means

What will be needed for a long distance to de-hold on. Circle at an appropriate speed estimating a stopping distance hundred.

02.A person with little experience utilizes

only the rear brake, which leads to a request wear of the braking system and a longer stopping distance.

03. The use of only the front brake or the rear brake zero is dangerous and leads to skids or loss-of the control. In wet conditions, with pavements roundabouts or in circles, exercise extreme caution I used the braking system lightly. A sudden stop on smooth pavements can lead to a loss of control of the motorcycle.

Special attention in driving

- 01 Avoid running the engine at low revolutions (long gears) on highways to avoid forcing it in engine braking.
- 02 If the clutch works in a semi-separated state what leads to the wear of the friction discs.
- 03 In case of feeling low power during climbs pronounced, reduce to a lower gear.
- 04 Do not use only the front brake when descending at a point. dead at high speed.
- 05 To stop, stop accelerating, engage the clutch and brake.

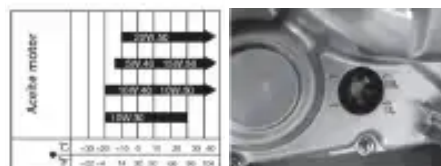
Adjustment of the throttle cable

- 01 Check that the accelerator works normally. dad. Act on the cable tension, releasing first the lock nut.
- 02 Check that the free play of the accelerator is 2 - 6 mm acting on the tensioner. Fix the play by tightening. the locking nut.

Checks, adjustments and maintenance

Oil level check of the engine

- Check the engine oil level before starting the march. Check it on a flat surface with the Motor vertical and check the level through the sight glass. in the bottom right of the engine. The level must be to contrast between the upper and lower brands.
- Use a suitable high-quality oil. Recommended oil SAE15W50 semi-synthetic API SL. Pour 1.5 liters of SAE20W50 through the filling hole.



Engine oil change

The oil is very important for the engine, so it is it is necessary to check it periodically. After the first- After every 1,000 km I change the engine oil. After that first change, change it every 4,000 km, checking the level every 500 km and adding if necessary.

Remove the drain screw and empty the oil into a container suitable when the engine is hot.

Clean the oil filter screen and then reassemble it. with the drain screw.

Pour 1.5 liters of new motor oil through the fill hole. Start the engine and keep it idling for 2 - 3 minutes.

After stopping the engine and letting it rest for 1 - 2 minutes, confirm through the peephole that the oil level the motor is located between the upper and lower brands with the vertical motorcycle. Do not mix different brands of oil or with different degrees to avoid mechanical failures.

Engine oil drain

- 01 Drain all the oil from the sump.
- 02 Disassemble the different parts.



Precautions

This task must be done by the teacher's team, workshop professionals of your Authorized Dealer Voge. Do not start the engine when the level of oil is sufficient. When adding oil, do not know to the maximum level mark.

Do not tighten the spark plug too much as it can damage the cylinder head threads and render it useless. Prevent impurities from entering the engine, through the spark plug hole.

02. The spark plug of this motorcycle model has been meticulously selected.

Consult with your authorized Voge dealer, in case you want to adopt another type of spark plug with different thermal resistance as an unsuitable spark plug can damage the engine.



Warning

After adjusting the free play of the accelerator, check the operation of the turn. Do not increase the idle speed with the game. The accelerator must return to its initial position automatically upon releasing it.

03

Clean each part.

04

Reassemble it by tightening the drain screw and pour new motor oil.

Screw of drainage



Spark plug inspection

01

Remove the spark plug wire, clean the surroundings of the spark plug and unscrew it with a spark plug wrench.

02

In the event that the spark plug is corroded or too much two deposits of dirt, change it.

03

Adjust the electrode gap of the spark plug in the run go 0.6 - 0.7 mm.

04

Use spark plugs of the thermal grade recommended.

Spark plug thermal grade: BR8C



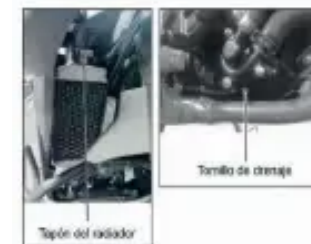
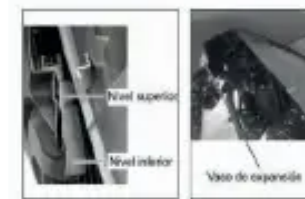
Checking the refrigerant

Check the coolant before starting the drive.

Mantenga la motocicleta en vertical sobre una superficie lisa. Cuando cambie el refrigerante retire primero el tapón del radiador y píquese el soporte lateral. Compruebe a través del vidrio, luego el drenaje de agua en la parte inferior. De expansión que el nivel de refrigerante está entre la parte inferior del motor para asegurarse de que se vacía completamente la parte superior y las marcas de nivel. En el caso de que el fluido del motor esté por encima del nivel superior, extraiga el exceso de refrigerante. Si el nivel está por debajo, **WARNING:** No revise o retire la tapa con el motor caliente.

Refrigerant change

A refrigerant with G40 specifications must be used.





Precautions

Correctly install the filtering element since if it hasn't been sealed well, it can enter impurities into the engine and shorten its useful life. Also avoid the entries of water to the filtering element. For cleaning Do not use gasoline or solutions on the filtering element. sales with a low boiling point.

01. Do not tighten the spark plug too much as it can damage the head's thread and render it useless. Consult with your Authorized Voge Dealer in case you want to adopt another type of spark plug with different thermal resistance already that an unsuitable spark plug can damage the motor.

02. The spark plug of this motorcycle model has been meticulously selected for to be employed in most cases. Consult with your Authorized Voge Dealer in case you want to adopt another type of spark plug with different thermal resistance already that an unsuitable spark plug can damage the motor.

Checking and changing the filter of the air

The air filter used is special as it includes a drain nozzle and a supplemental air inlet that improves air flow as well as efficiency of filtered.

The drainage nozzle is connected to the oil separator. air and then to the engine crankcase, which causes the gases residuals from the crankcase enter the combustion chamber through the air filter for its combustion, preventing that enter directly into the atmosphere.

Extract the filtering element from the air filter to check. clean the dirt, first removing the filter cover of the air and loosening the screw that holds it.

Clean the filter element every 4,000 km and change it every 8,000 km.

If you drive in dusty areas, you will need to change the filtering element more frequently than indicated in The Maintenance Table.

- 1) Air intake to the air filter
- Clip
- Drain nozzle



Checking and adjusting the clearance of valves

Too much valve clearance can produce noise in the engine. On the other hand, a limited valve clearance harms the closure of them which leads to mechanical failures or to a low energy efficiency. For these reasons, it should be periodically test the valve timing. The check-

The valve clearance adjustment and setting must be done when cold. When the inspection is finished, install the two plugs in the holes in the left crankcase cover.

01 Remove the plug from the central opening and the upper plug (ignition window) of the left crankcase cover.

02 Remove the valve cover.

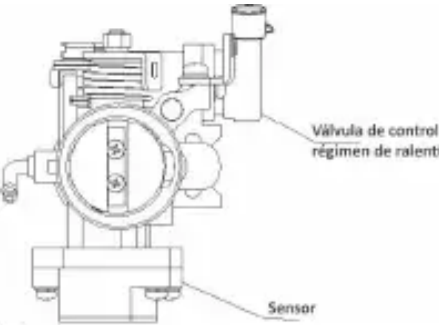
03 Use a T-shaped socket wrench and insert it into the opening. center holding the rotor nut and making it spin to the right until a line appears across the ignition sight and align it with another mark of the carter cover. This indicates that the piston is at TDC. If the rocker is flexible, it means it is the PMS of the compression race so you will have to take a lap complete to the rotor (360°), realign the line with the brand and verify that the bushings are released, insert a gauge between the end of the sleeve and the camshaft to measure the valve clearance.

04 If adjustment is necessary, take it to an official VOGÉ center. for your correction.



Butterfly body

- 01 Butterfly valve.
- 02 The injection system is responsible for automatic adjustment from the idle control. Therefore, it should not manually adjust this regime.



Adjustment of the clutch lever.

The clutch lever should be adjusted with the engine stopped.

The free play distance of the clutch lever me-
The tip of the handle must be 10–20 mm.
in the event that adjustment is necessary, loosen the lock nut on the lever support and adjustment on the tensioner.

If you need more adjustment, act on the tensor that is...
It is located at the other end of the cable in the motor.

After the adjustment, start the engine and check the fun-
clutch engagement. If the clutch slips or is difficult
engage a gear, adjust it again.



Brake pedal adjustment

Support the motorcycle on its side stand to check the brake.

- 01 The free play of the rear brake pedal should be 15 - 25 mm.
- 02 Don't forget to tighten the locknut after the adjustment.



Cautions

After the adjustment, when I check the fre-
the brake light should illuminate.

Side stand and hand grip



This model only comes with a side stand (1). This element it has a safety switch that prevents it from turn off the engine if it is extended. On both sides of the In the passenger seat, you find the handholds. If you wish add a luggage rack do not load more than 5 kg on it.

Maintenance of disc brakes

01 Brake fluid.



Check if the brake fluid level is above from the brandLOWER(2) through the peephole (1). In the case that the level is below the mark, I need- it will add brake fluid, exceeding this mark by 3 - 5 mm. In this case, also check if the wear of the pills are within the limits.

02 Procedure for changing the brake fluid.

First, completely drain the brake fluid. used and follow these steps:

- a. Keep the brake pump horizontal (it is not necessary- remove it from the handlebar), and then open the lid and remove your board.
- b. Remove the brake caliper and position the bleed valve at the lowest position.
- c. Release the drain valve and let the liquid out. brakes drain collecting it in a container.
- d. When the brake fluid has been emptied, insert- about 30 - 50 ml of new brake fluid and let it liquid used drain.
- e. Tighten the release valve, clean the clamp of debris brake fluid and then mount the caliper on the mo- bicycle.

Next, add new brake fluid to the brake pump and follow these steps:

- a. Connect a transparent tube to the purge valve (to make it fit tightly), loosen the 120° valve.
 - b. Add brake fluid to the pump and drain the fluid. through the valve (without moving the brake lever) until flow without bubbles. Squeeze the valve again.
 - c. Pull the lever several times and repeat step (b) until I noticed the hard lever.
- Finally, I mounted the cover and its gasket on the pump. brake and tighten the screws.

This task must be done by the team of workshop professionals of your Seller Authorized Voge



Precautions

Use quality DOT3 brake fluid or DOT4 from a sealed container. Do not mix different types and brands of brake fluids. Do not use contaminated brake fluid



Warning

Do not drink and avoid splashes in the eyes of brake fluid as it is harmful. In if brake fluid drinking causes the vomit. In case of splashes on the eyes or skin, wash the affected area with there is plenty of water for you. In all cases consult- go urgently to the doctor.



Precautions

Use only Voge original spare parts.
For any repair or maintenance to the braking system contact with its authorized Voge dealer.
Be careful when starting new pills.
new brakes. Operate several times at low speed the lever or brake pedal has - so that the pills recuperate strength from normal braking.

When you purge the clamp, add fluid from brakes on the pump maintaining the level high. Avoid exposing the brake fluid too much time on air.



Warning

The brake disc system provides a high braking pressure. For its security, change the handles periodically brake fluid.

03 Brake pads

Visually check the wear of the pads. brake in the periods indicated in the table of butter-confirmation. When checking, follow the direction of the double arrow (3). In the event that the line has been reached wear limit (4) of the pads, change both pills at once.

Check that there are no refrigerant leaks. we are in the braking system. Check if the man-walls present cracks or distortions.



04



03

04 Steps for bleeding the braking system

Steps for bleeding the braking system:

- a. **Pump purging:**
The brake pump on the right side of the handlebar needs to sit that the front wheel turns (in the direction of Opposite to the march). Open the lid with its corresponding Join, and repeatedly pull the lever and observe. until it stops bubbling. In the case that the touch Make the lever soft, purge the air from the clamp. brake.
- b. **Purged from the clamp:**
Connect a clear hose to the bleed valve (well adjusted) and firmly pull the brake lever while loosening the 90° purge valve. Drain the brake fluid 1 - 2 seconds and press again valve. Release the front brake lever. Repeat the previous steps until I noticed that the lever has a hard touch.

Adjusting the tension of the chain

Checking the wear, tension, and lubrication of the chain

- 01 Support the motorcycle on its side stand. Move up and down the chain in its middle part to check that the clearance is between 30 - 40 mm.
- 02 If tension adjustment is required, loosen the nut of the axle of the rear wheel and acts on the tensioner of the chain at both ends of the swing arm until the necessary slack is achieved.
- 03 Tighten the rear axle nut again.
- 04 After adjusting the tension, check that both tensors at the ends of the swingarm are they are in the same position.

Rear wheel axle

2) Tensor (with scale marks)



1

2



Precautions

Before adjusting the brake light switch, check the free play of the pedal brake is the correct one.

01. When you remove the battery, disconnect first the negative terminal (-) and then the positive (+). When I assemble the battery, connect prime- Connect the positive terminal (+) and then the negative (-).

This battery requires no maintenance.

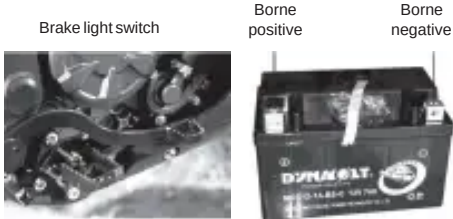
The battery contains sulfuric acid that, in contact with the eyes or skin can pro- cause serious damage. If this happens, wash yourself with plenty of water for 5 minutes and then seek urgent medical assistance.

04. Prevent impurities from entering the shelter- battery lie.

05. Make sure that the ventilation tube is connected to the battery and not obstructed.

Adjustment of brake light switch bottom

- After checking the operation of the brake... Yes, check that the brake light illuminates when activated. about the brake pedal. In case it does not light up act on the nut.
- If the brake light still does not illuminate, check the LEDs of the rear pilot as well as the circuit and the switch. brake light pain.



Changing the fuses

- 01 Turn the ignition key to the OFF position. The change the fuse should be replaced by the fuse fun- given by another new one of the same amperage: 15A for the main wiring and 5A for the injection system.
- 02 Open the seat, locate the fuses above the battery, remove the blown fuse and place one in its place new.
- 03 If the new fuse blows again, it is a symptom of that there is an anomaly in the electrical circuit.

Battery check

- 01 Open the seat.
- 02 Clean the dirt and corrosive impurities from the sub- battery surface.
- 03 Check the alignment of the guide line. Change it if it was corroded.



Warning

Do not wash the battery area with water. Do not replace the fuse with a different one. amperage, nor did I use wires to reem- place them as it can cause serious damage years in the electrical system or even provo- a fire in your motorcycle.

An excessively loose chain can to cause an accident as well as damages me- chanics. The chain must be changed in the in case it has been corroded by the elec- battery electrolyte or other corrosive liquid.

Tires

Check the tread depth of both tires. Insufficient tire pressure not only accelerates
I eat periodically. For my own safety and to prolong wear, it also affects driving.
the lifespan of tires is recommended to make the
frequent check.

Tire sizes:

Front tire 3.00-21
Rear tire 5.10-18



Tire pressure

stable. On the contrary, high pressure decreases the
contact area of the tire with the surface which leads to
cause skidding and loss of control of the motorcycle.

Keep the tire pressure at the values
recommended:

Tire forward	Driver only	29 psi
	With passenger	32 psi
Tire back	Driver only	29 psi
	With passenger	32 psi

Silencer

The exhaust muffler incorporates a catalytic converter.
Co. Therefore, extra objects should not be allowed to enter.
years inside them like oil, gasoline, acids or salt, already
that disable the catalyst.

Periodic maintenance table

The motorcycle needs to be repaired and maintained regularly.
say as shown in the following table.

It must be done by an authorized Voge dealer workshop.
For your own safety, the tasks marked with this
They must hold a workshop for an authorized seller.
Voge.

Note

If driving in a dusty area, you will need to clean.
more frequently the vehicle.
02. When the mileage has exceeded the limits of the
Table, continue the exposed maintenance frequency.

No.	Position	Torque (Nm)
1	Attachments of motor	M8x1.25: (30 - 40) M10x1.25: (30 - 40)
2	Fork unions	M8x1.25: (22 - 32) M14x1.5: (35 - 45)
3	Rear disc	M8x1.25: (35 - 41) M14x1.5: (17 - 23)
4	Rear wheel axle	M14x1.5: (65 - 75)
5	Axis of the direction	M22x1: (65 - 75) M25x1: (24 - 26)
6	Handlebar and steering axis.	M6x1.25: (10 - 14) M8x1.25: (22 - 32)
7	Union sup. dampened	M12x1.25 (55 - 61)
8	Union inf. dampened	M10x1.25 (35 - 45)
9	Front disc	M8x1.25 (17 - 23)
10	Tilting	M14x1.25 (65 - 75)

Maintenance table

ITEM	OBS	Period maintenance	1,000 km* 3 months	4,000 km 12 months	8,000 km * 24 months	12,000 km * 36 months	16,000 km * 48 months
Circuito Sistema Inyección			I	I	I	I	I
Fuel Filter			C	R	R	R	R
Accelerator operation			I	I	I	I	I
Air filter	-	Every year R	C	R	C	R	
Spark plug	0.6 - 0.7 mm	BR8C	I	I	I	I	R
Valve light	0.10-0.19 adm 0.15-0.24 exc		I	I	I	I	I
Motor Oil	1.4 liters 15w50 or 20w50	Every year R	R	R	R	R	R
Timing belt tension			A	A	A	A	A
Butterfly body			I	I	I	I	I
Transmission chain	20 - 30 mm	520 x 106	A, L	A,L	A,L	A, L	R
Battery	12V 7aH	Every month	I	I	I	I	I
Front / rear brake pads			I	I	I	I	R
Rear brake inspection			I	I	I	I	I
Brake hose		Every 4 years R		I	I	I	I
Brake fluid reservoir			I	I	I	I	I
Brake fluid	Dot 3 - Dot 4	Every 2 years R					

ITEM	OBS	Period maintenance	1,000 km* 3 months	4,000 km 12 months	8,000 km * 24 months	12,000 km * 36 months	16,000 km * 48 months
Front brake		Replace every 2 years					
Brake rear switch			I	I	I	I	I
High and low light switch	-		I	I	I	I	I
Clutch			I	I	I	I	I
Lateral crutch			I	I	I	I	I
Swingarm suspension				I	I	I	I
Nuts, screws, bolts			I	I	I	I	I
Soda	0,8lts radiador,0,2lts tanque	Every 2 years R	I	I	I	I	I
Wheels, Tires	32 psi, max 36 psi		I	I	I	I	I
Rodamientos, pistas dirección			I	I	I	I	I
			I	I	I	I	I



- I Inspect(***)
- R Replace
- C Clean
- A Adjust
- L Lubricate

If driving in dusty areas, clean more frequently or their replacement.
When the Km has exceeded the limits of the table, continue the frequency of the table.
May require cleaning/ adjustment/ lubrication action / Replacement

300RALLY



Precautions

High-pressure water can damage some motorcycle parts such as:

Wheels and hubs
Exhaust pipe
Deposit and bottom base of the seat
Butterfly body
Contact lock
Instrument panel

Motorcycle cleaning

A regular cleaning of the motorcycle prevents the color from becoming paler. It is also convenient for checking for vehicle damage or oil leaks.

- 01** The motorcycle should be cleaned with running water to Then rinse it. Remove the dirt to prevent the oxide. The plastic parts should be cleaned with a cloth or a sponge soaked in a cleaning product neutral piece and then rinsed with running water.
- 02** Lift the motorcycle in the air and then grease the chain. and let it spin for a few minutes.
- 03** Check the braking system several times before start the march. If necessary and needs repairs- If you need them, adjust them immediately.

Maintenance in a prolonged period of storage

Storage and maintenance

In the event that it is necessary to store the motorcycle for inactivity over an extended period, pay attention to protection against moisture, cover it from the light so- And the rain to prevent damage. Do a check. especially in the most important parts before saving the motorcycle

- 01** I changed the engine oil.
- 02** Lubricate the chain.
- 03** Drain the fuel from the supply system and from- later disconnect the power, then fill the de- a liquid deposit that prevents rust from the tank and cover the tank cap. If the motorcycle is going to be inactive for more than a month, remove the fuel from the injector tubes.

- 04** Remove the spark plug and add 15~20 ml of new motor oil. go through the spark plug hole and then screw it back in.
- 05** Remove the battery and store it in a cool and ventilated place. It is suggested to recharge it once a month.
- 06** Clean the motorcycle by spraying it with a spray that fixes the surface. paint and colors, use an anti-rust spray for the potentially oxidizable parts.
- 07** Inflate both tires to the recommended pressure. raise the motorcycle so that the tires do not touch the ground.
- 08** Cover the motorcycle.



Precautions

The fuel is flammable; turn off the motor and the electrical supply before add or drain fuel. Not allowed smoking in areas where handling or fuel warehouse.

Recovery for your use

- 01 Remove the cover and clean the motorcycle. In case of unavailability...
Activity for more than 4 months, I changed the oil
- 02 Charge the battery and install it on the motorcycle.
- 03 Drain the anti-rust liquid from the tank and then fill it.
of gasoline.
- 04 Inspect the motorcycle thoroughly before
start the march and test it in an enclosed space at
low speed.

ELECTRIC START

Introduction to electric starting

The electric start of this motorcycle is new model designed and developed based on the theoretical framework of the start-up of the motorcycle with components improved electric vehicles.

This model is for electric start only with batteries of the type 12V 7Ah. The motor can only be started when the clutch lever is activated.

The electric start button is located in the assembly of the switches to the right of the handlebar.

To start the motorcycle, turn the ignition key to the position "ON", pull the clutch lever and then press the electric start button. In case the if start attempts exceed 5 seconds, release the starter motor and try again later a few seconds. To facilitate use and maintenance, you can consult the electrical diagram on the next page.



EFI injection system diagram

- Battery

Dashboard

3) ECU

Fuel pump relay

Fuel pressure regulator

Fuel pump

7) Fuel filter
- Injector

BobinaAT

Spark Plug

11) Sensor

Idle speed controller

Canister

14) Butterfly body
- 15) Crankshaft position sensor

16) Coolant temperature sensor

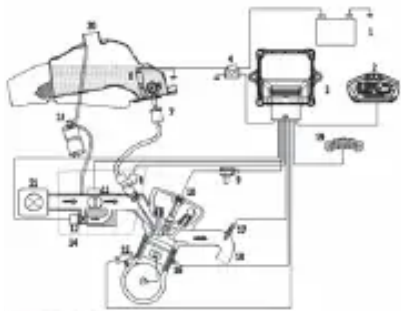
Lambda probe

18) Silencer (with catalyst)

19) Diagnostic connector

Fuel deposit

Air filter



Operation and maintenance of the EFI Injection system

For the first time I started the motorcycle, it reco- turn the ignition key from OFF to ON 3 times for 5 seconds before proceeding to start. This measure is taken to completely use up the gases re- held in the fuel system and increase the pressure of the same.

In normal use after the first start-up, it reco- I can start after the bomb has done its. work (or 5 seconds after turning the key to ON contact), in order to generate enough pressure of the fuel before start. After one year of use or once 4,000 km have been traveled, it will be it is necessary to change the fuel filter and clean the body of butterfly.

Pay special attention to:

- 01

Check the voltage between the terminals + and - of the battery. It will charge if the voltage is above 5 V.
- 02

It is recommended to charge the battery with a digital charger. adjustable. Adjust the charger tension to charge at

16 - 17 V for 40 minutes in order to activate the battery with high voltage.

- 03

If load current is not detected after activation high tension for 40 minutes, means that the beat- wire is defective. And if the current continues to charge after the activation of high tension during 40 minutes, stop it and adjust the charger to a voltage constant of 14 - 14.5 V to charge the battery.
- 04

When the load current is about 2A, adjust the charger current at a constant current of 2A to continue charging. That is, use a constant voltage 14 - 14.5 V and a constant current of 2 A for the charge. When the charger current drops from the 0.2 A means that the battery is completely loaded and must stop loading it.
- 05

Let the battery rest for approximately 1 hour and then check the voltage between its terminals. If the voltage exceeds 12 V, it means that the battery is lista para su uso, de lo contrario significa que la batería it is deteriorated.

Review of the delivery

The inspection upon vehicle delivery has been carried out to cable according to Voge's instructions.
The client declares that they have received the associated documentation to the vehicle.
The vehicle was delivered in perfect condition.

Place and date: _____

VOGE warranty policy

VOGE guarantees the buyer of a motorcycle of its mark that our authorized points of sale will repair or will replace any part of the vehicle that has failed due to a defect in material and/or assembly according to the terms and conditions as follows:

01 The duration of this limited warranty is 24 months, measured from the date of sale to the first owner by an authorized point of sale, with a limit of 24,000 km, or whichever occurs first and respecting the maintenance schedule.

02 Any vehicle that:

- a. Has not been maintained at an official point of sale an authorized workshop by VOGÉ following the program of periodic maintenance as specified in the owner's manual. The omission of any of The periodic reviews will lead to total loss. of the warranty of your vehicle.
- b. ~~It has been improperly manipulated, modified the~~ factory specifications, or inadequately stored mind.

- c. Has been a victim of abuse, neglect, theft, robbery, fire, vandalism, accident or used for a purpose different from its design as it appears in the instructions mentioned in the manual of owner.
- d. If fuel, lubricants, or different liquids have been used the ones recommended by VOGÉ.
- e. It has been destined for rental, competition, activities-commercial data, shows and other manifestations public actions.

The

- a. Those parts and labor resulting from op-maintenance operations, cleaning and adjustments as well as as specified in the owner's manual such as lubricants, oil and air filter changes, cleaning fuel system, carbon buildup, battery maintenance and chain tightening.
- b. The damage caused by normal wear and tear such as silent, battery, clutch, variator system, bu-joints, bulbs, CDI, rectifier, relays, coil, stator speaker, electrical cable, LED lights, chains, sprockets of

- final transmission, brake pads and tires, without damage that they are covered under warranty when there is a manufacturing or assembly defect.
- c. Any battery that does not accept a charge after a period of reasonable time since its setup, it considers that it has not been properly maintained charged periodically to avoid sulfation from the plates) and is excluded from the warranty.
 - d. Damage due to fire, collision, accident or improper maintenance (especially the produced due to lack of oil whose level must be reviewed every 500 km.
 - e. Corrosion and deterioration caused on the paint, rubber or plastic parts as a consequence from the action of atmospheric agents.
 - f. Damage caused by the installation of parts or accessories that are not manufactured or supplied by VOGÉ.
 - g. Those natural phenomena such as noises or oil leaks, as they do not affect in any way to the quality, functioning, or behavior vehicle maintenance.
 - h. Any form of economic compensation or other nature such as hotels, food, transportation, crane, rental of another vehicle, etc., that occur as consequence of a breakdown.

04 To obtain the warranty service, the owner of the vehicle must request warranty intervention from an official point of sale or authorized VOGÉ workshop in a period not exceeding 15 days, bringing the vehicle and providing the following documents:

- a. **Sales invoice, sales record printout or in** or in its absence, circulation permit that demonstrates the warranty validity period.
- b. Documents that demonstrate the achievement of the plan maintenance marked by the factory in the manual of owner and made by a point of sale official or authorized VOGÉ workshop.

Inspection stamps

The reviews must be carried out before 100 kilometers from the indicated distance, but never later a year after the previous review. The reviews they are mandatory for any warranty claim. (whichever happens first)

Inspection 1,000 km or 3 months
Date:
Km:
Signature and seal Authorized seller

Service 4,000 km or +12 months
Date:
Km:
Firma y sello Authorized seller

Review 8,000 km or +12 months
Date:
Km:
Signature and seal Authorized seller

Service at 12,000 km or + 12 months
Date:
Km:
Signature and seal Authorized seller

Service 16,000 km or +12 months

Date:

Km:

Signature and seal
Authorized seller

Service 20,000 km or +12 months

Date:

Km:

Signature and seal
Authorized seler

Service at 24,000 km or +12 months

Date:

Km:

Signature and seal
Authorized seller

Review 28,000 km or +12 months

Date:

Km:

Signature and seal
Authorized seler

Review 32,000 km or +12 months

Date:

Km:

Signature and seal
Authorized seller

Service at 36,000 km or +12 months

Date:

Km:

Signature and seal
Authorized seler





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