



## Gas Gas EC 450, born in the desert



The dunes and the most extreme landscapes are part of their natural habitat. This is the new Gas Gas EC 450 Raid, a bike that incorporates significant improvements and innovations to tackle one of the toughest two wheeled specialties in the World, cross-country rallies. Reliable and robust for big adventures.

These are the great challenges which show the best of one's self. And it is to meet the highest adversity of an extreme test of endurance such as Dakar that we've made the new Gas Gas EC 450 Raid, a motorcycle prepared to overcome

the hardest and most demanding test on the planet.

In Dakar and the deserts as the laboratory, has been born the Gas Gas EC 450 Raid, the new weapon from the factory in Salt, built to assault Dakar. It is a motorcycle whose 2015 edition incorporates many new features, both technically and aesthetically. This past experience is a plus, and still under such extreme and demanding mechanical conditions that must be overcome in the desert. And it is for this reason that from the experiences of the race team and the factory, we have selected every one of the components for their reliability and strength, and of the whole.

### Opting for reliability and endurance

The new Gas Gas EC 450 Raid is the result of experience gained during years of participation in the toughest race in the world, with the work of a team to develop a reliable and strong bike, specifically prepared to face the biggest challenge to two wheels that exists today, the Dakar rally.

And for that, the development department of the Salt firm has focused on improving the technical and the aesthetic parts to be robust and compact, a bike able to tackle any situation and terrain conditions, no matter how complicated and impossible they may seem to overcome.



## Rugged, compact and lightweight

On the technical side, the chassis part -totally new- as the foremost solution to tackle the hard, long stages of the Dakar, and the punishing terrain of this South American test, for which the new Gas Gas EC 450 Raid also features a new air filter box to preserve at all times the protector of the machine's worst enemies: sand, dust and water. The new model Gas Gas for raids, incorporates a new lithium battery with high cranking power and quick re-charge, and a new lower 10 liter fuel tank, located in the bottom of the bike, compact and rugged, and which helps lower the center of gravity and, therefore, helping to improve stability. With a total capacity of 30 liters of fuel, the new Gas Gas EC 450 Raid has sufficient autonomy to face any kind of stage. Molded to this new chassis structure is a reliable and powerful single-cylinder four-stroke 450cc liquid-cooled engine, featuring a new exhaust system, more integrated and molded to the sub-frame, thus avoiding potential impacts from rocks or damage in case of a fall.



## Designed for the desert

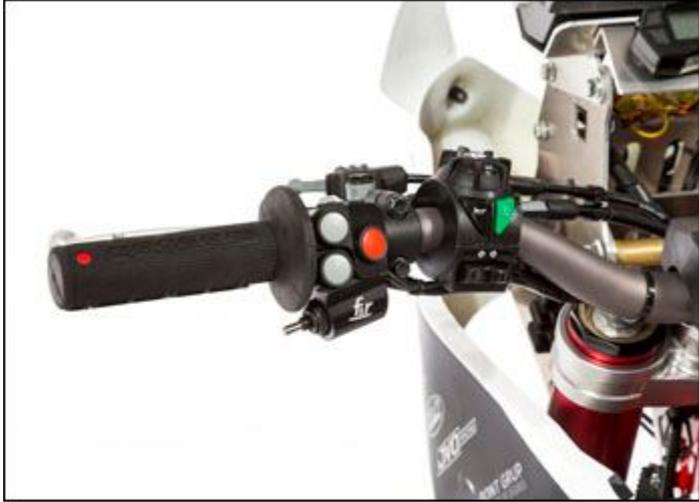
As for the suspension, the new Gas Gas relies upon a Marzocchi inverted closed-cartridge 48 mm diameter front fork to absorb the uneven terrain and the experience of the firm Reiger, renowned in the world of raids, mounting the new Reiger B46 shock with intelligent-control compression and rebound valving. A guarantee on any kind of surface.

Lastly, we have thought to better the visibility at night, having added two new powerful headlights to illuminate and improve visibility for riders when night falls or when race conditions worsen in the dust or mist.

## Aggressive and seductive image

Even in the technical section, having a more rugged, reliable and compact bike, with the aesthetics the new Gas Gas EC 450 Raid seduces with its beauty and aggressive image, responsible in part by its new front fairing, which in addition to accommodate two powerful lights also incorporates a new transparent windscreen visor, a protection that allows dispersal of the air at high speed and which enhances rapid driving riders. Also changes to the new radiator shrouds, plastics that have three functions: to protect the radiators, the lid of the air filter and the attachment of the front part of the saddle.

New rear fender (mudguard) features a powerful taillight to improve visibility under the clouds of dust. Finally, this section also incorporates a mandatory water tank which is included by regulation in most international raids. A functional 3-liter tank, perfectly integrated into a motorcycle called upon to withstand nature's desert habitat.



### Navigation at your fingertips

Navigation instruments occupy an essential part on the bike. Located in a small space behind the front, the road book stands as protagonist around which other instruments like the ICO and a multifunction display are bound. In the same location, the lighting switches and horn are located, in addition to the fuse box, protected at all times and accessible to the rider.

A complete ICO command, located on the left side handlebar, allows a comfortable functionality of all the navigational elements at hand via your multifunction switches.

### Technical improvements:

- Air filter housing is larger, with more flow capacity, as the high quality TwinAir filter
- New high-power headlights
- Lithium battery with more cranking power, lighter and faster to re-charge
- Reinforced, sturdy and reliable chassis
- Compact and rugged 10 liter bottom tank, lowering the center of gravity and improving stability
- Reiger B46 Shock with smart compression (ICS) and rebound control valve (RCV) systems
- New exhaust, more integrated and protected in the chassis of the bike to prevent damage from impacts from rocks or falls

### Aesthetic improvements:

- clear windscreen visor to disperse the air flow evenly and help protect the rider when driving at high speeds
- New rear fender (mudguard), includes a more visible light when riding in dusty conditions
- Number plate holder, in turn, performs a structural function
- FIM mandatory 3 liter water tank for cross-country rallies

- radiator shrouds with triple function: protect the radiators, front filter box cover and saddle mounting post
- Frontal fairing with current and aggressive look which incorporates two powerful headlights

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