

## IMPORTANT RECOMMENDATIONS OF J.COSTA VARIATOR

### 1. Recommendations about transmission:

J.COSTA recommends that installation of the J.COSTA variator use an original transmission and J.Costa high performance belts or original belts.

A change in the transmission of the motorcycle may cause bad operation of the variator and suffer a premature wear.

It is important to **clean the all transmission** when you mount the variator and is **prohibited to put any grease or oil** in the J.COSTA variator, it have auto lubrication system in the bushing with graphite inserts.

### 2. When is a bad mount?

**The most important in mount of J.COSTA variator is put the correct torque.** You can find the torque in our mounting instructions but the torque it is the same than the original variator torque.

The nut of the crank shaft must be tightened at the recommended Torque, always using a dynamometric wrench, never a pneumatic one.

The most way to know if the torque is the correct or not is for the bell.

If the torque not is correct:



High level of incorrect mount. (wrong torque)



Normal level of incorrect mount. (wrong torque)

Also, it is important to put the original washers in the same position with the original variator. If it is different we put the technical specification in the mounting instructions because in specifics variators we put our washes.

### 3. Maintenance



The standard maintenance: You need to change the rollers every two changes of oil and every four changes of oil you can change the bushing.

It's important to know that the maintenance also it is depending of the type of ride the motorcycle, weight of the motorcycle and the driver.

Ex: Maintenance of rollers, normally the costumer put less km in the variator. In this case our costumer told us that this variator have 4.000kmbut minimum have 15.000km:

## THE LEADER IN SPEED CONTROL



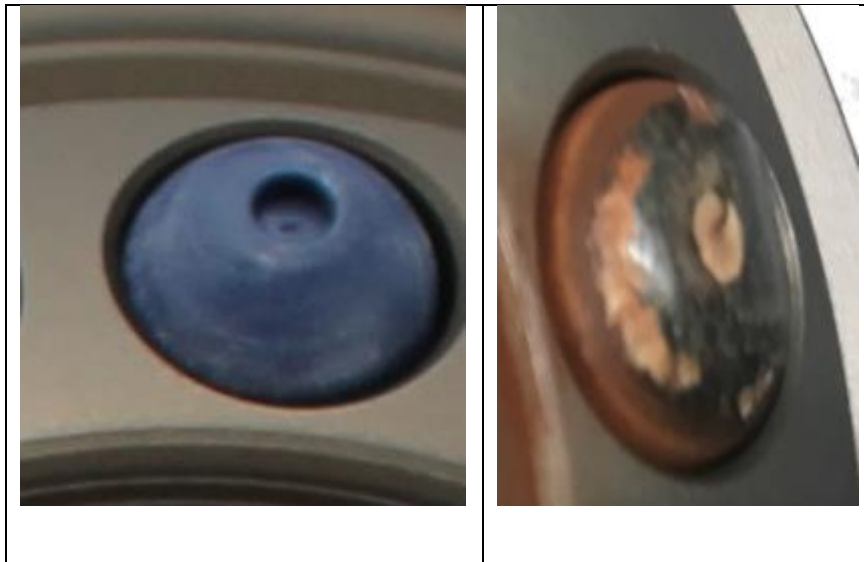
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In this case you can see the metal of rollers and this is a clear maintenance of rollers.

Also, it is important to know that the roller have an adaptation of 200-300km and the rollers make a little plane this plane is because the rollers are adapted.

The rollers have a little hole, this hole is the measure of the maintenance, when the hole have less of 1mm you can change the rollers, the normal little hole have a 3mm.



NEW ROLLER

CHANGE ROLLER