

## Hall sensor fault troubleshooting guide

**WARNING.** Some Chinese distributors or remanufactured one has a different shaft height than OEM. In a case if you get DTC 1, 2, 3 or 4 rotor height and it's straight installation must be measured and adjusted.

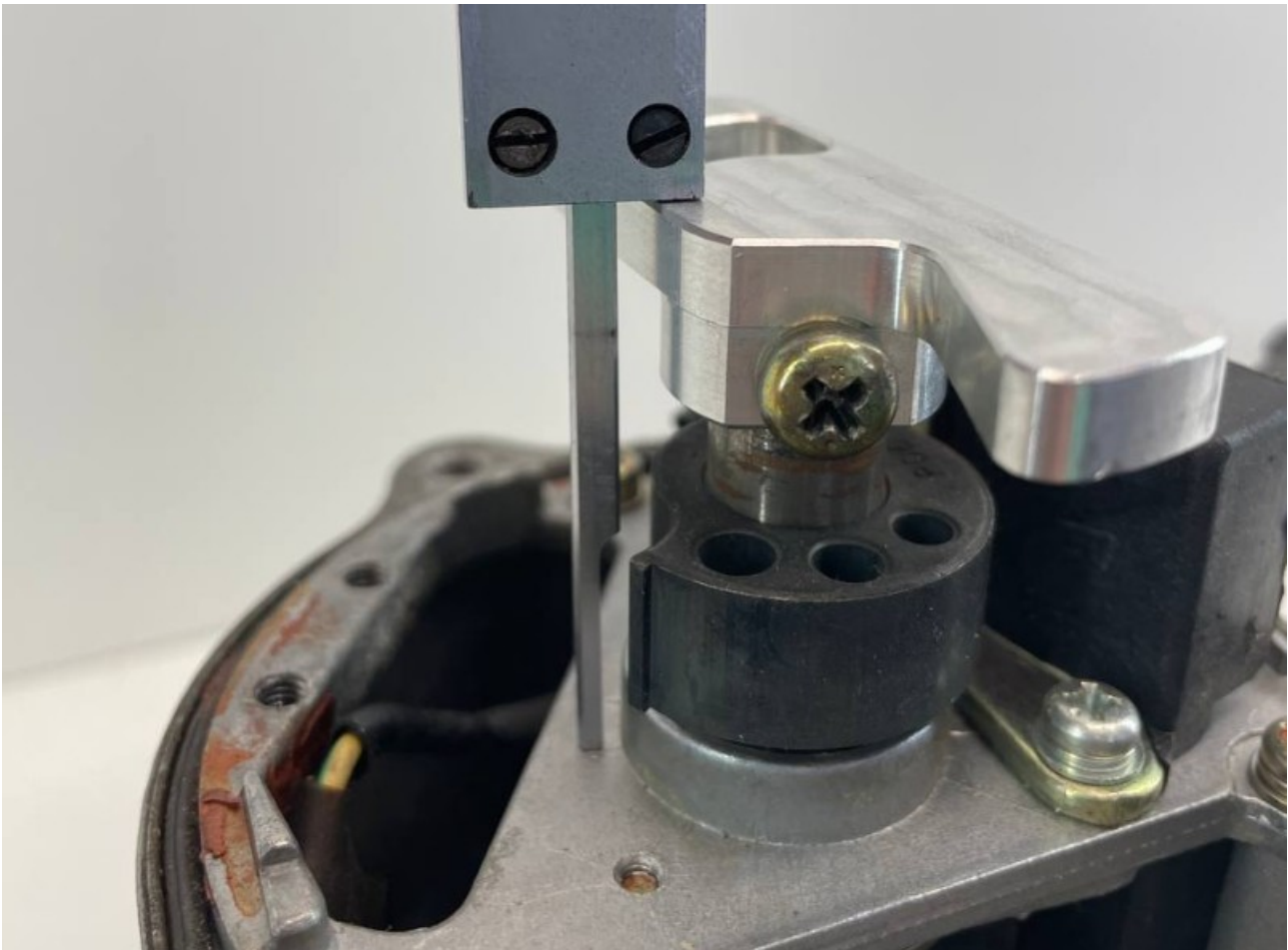
### 3 point measurement procedure using a caliper:

Measure rotor height, as shown on a pictures below in a 3 points. Center of the rotor and both ends of it.

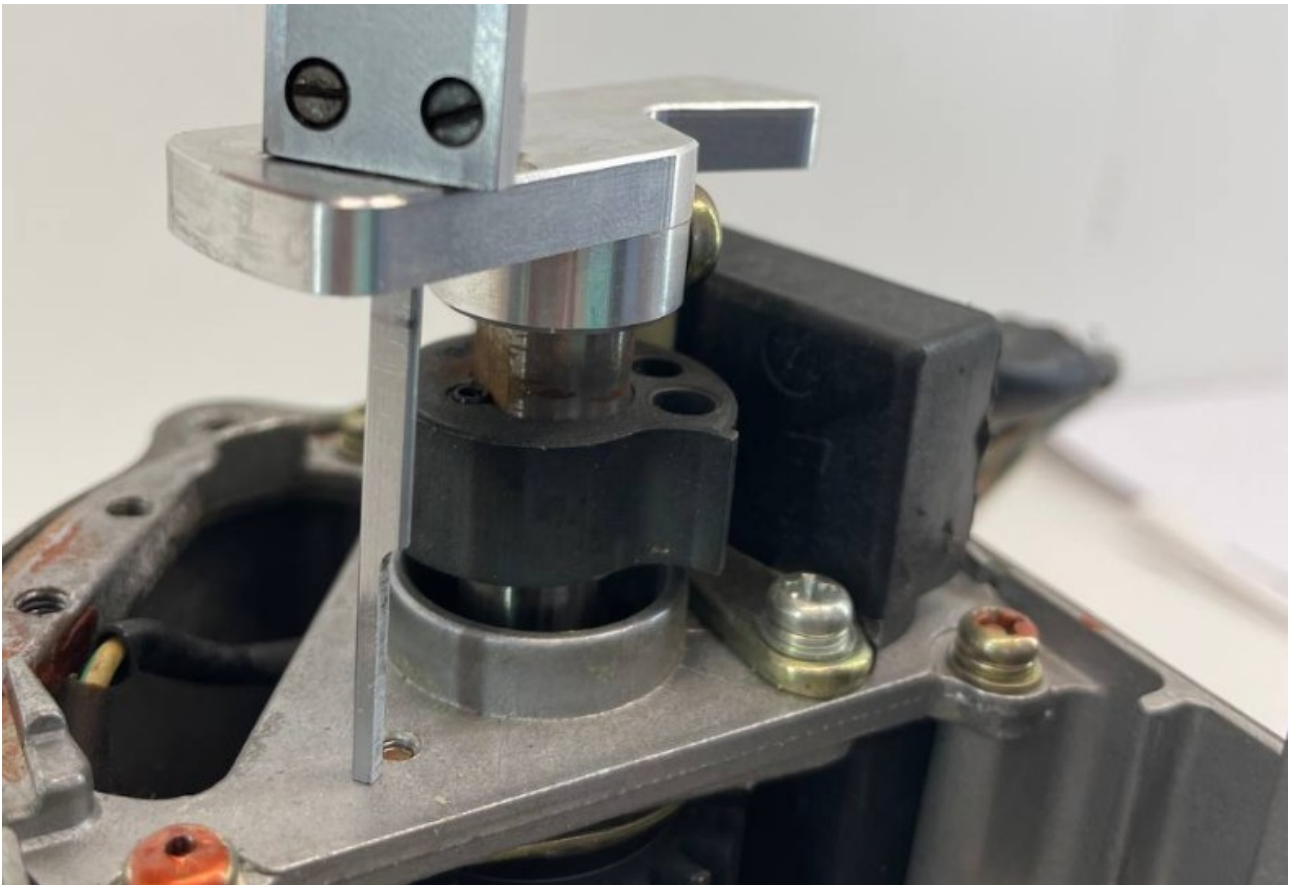
### Check your measurements:

1. All three measurements must be the same in a 0.2 mm (0.008 in) range. If one of three points is lower or higher than other its meaning not straight rotor installation. You need loosened center bolt and fix rotor straight. Then re measure.
2. Rotor height in a center point must be in a range from 42.0 mm (1.653 in) to 42.6mm (1.677 in). If rotor height is out of range you need adjust distributor shaft, Hit a little above or below the shaft using hammer and re measure center point.

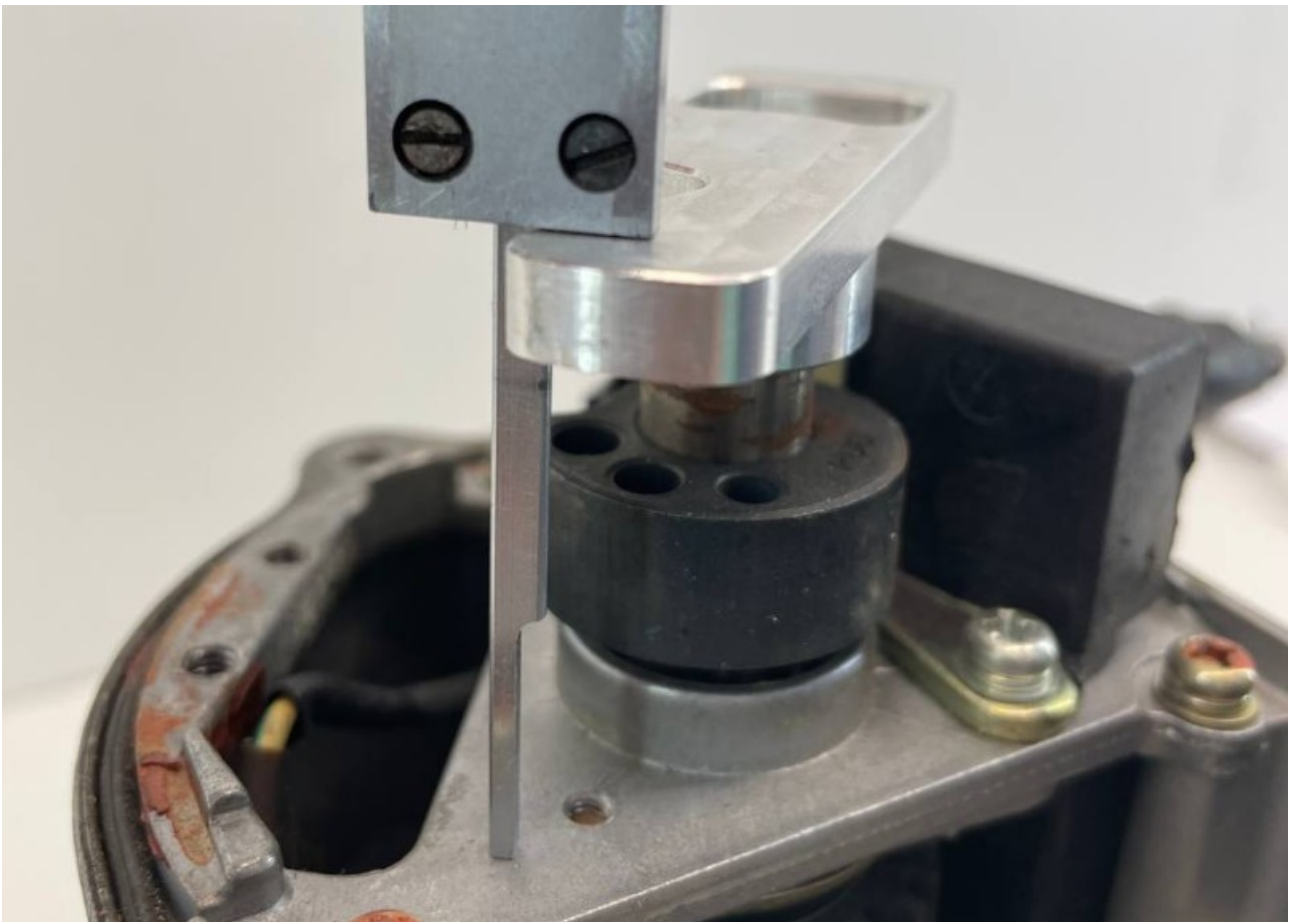
### Measurement points:



Measure rotor height at the center of the rotor, as shown on a picture above. Carefully check the parallelism of the rotor shaft and caliper to get the most accurate height measurement.



Measure rotor height at the first end of the rotor, as shown on a picture above. Carefully check the parallelism of the rotor shaft and caliper to get the most accurate height measurement.



Measure rotor height at the second end of the rotor, as shown on a picture above. Carefully check the parallelism of the rotor shaft and caliper to get the most accurate height measurement.