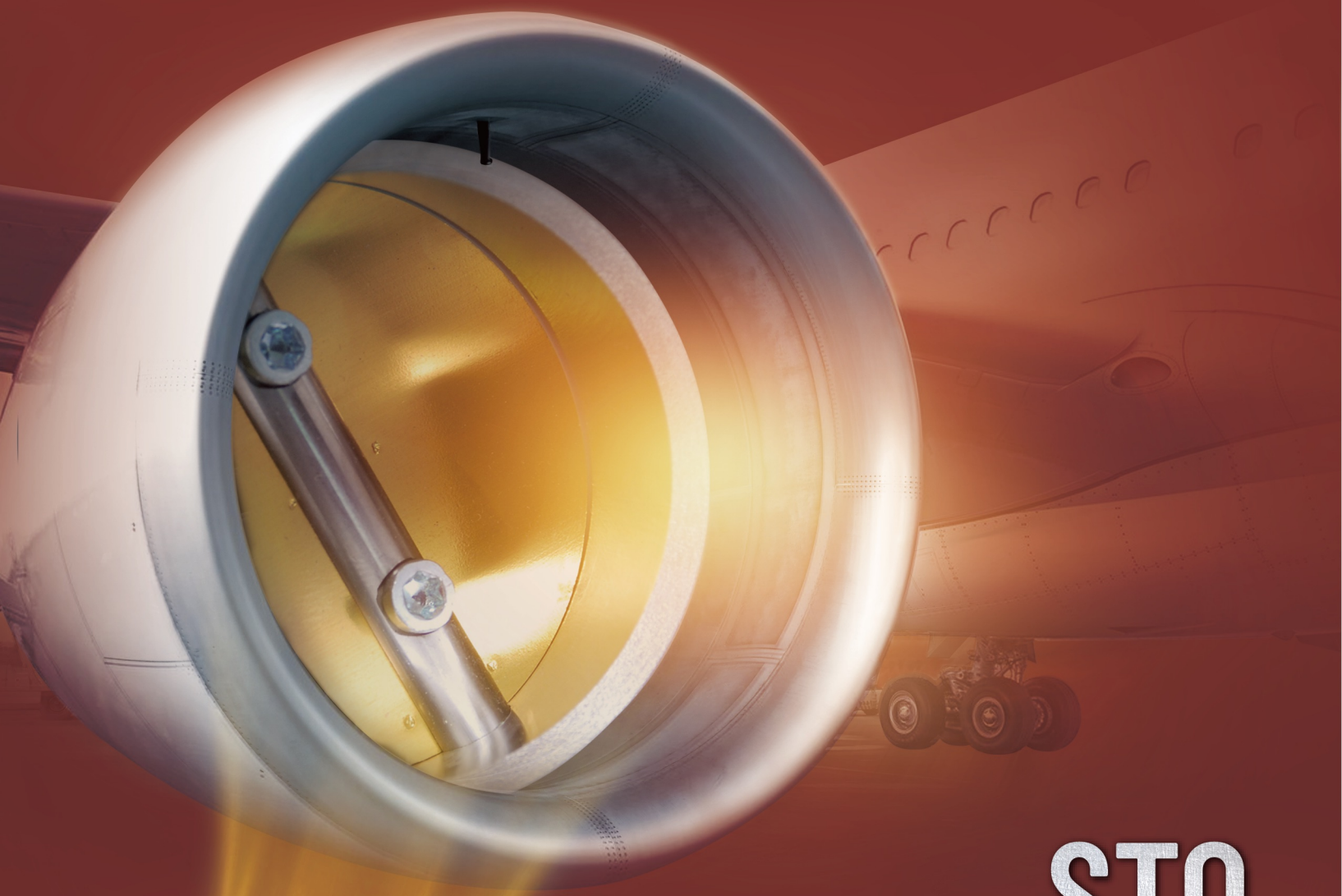
vika®

The spare parts experts of
Volkswagen BMW Mercedes-Benz



STO

Superior To OE



03C 133 062 AA
THROTTLE VALVE

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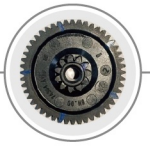
4 Years or 100,000 km

Fault Symptoms:

A broken throttle valve results in unstable engine RPM reading, difficult engine startup, or instability in idle status.

Cause Analysis:

Due to a defective design, the two-stage return spring is unable to tolerate high tensile stress and may easily break, the flap can not return to the original position. Consequently, the throttle valve will experience premature failure.

		OE
Return spring structure New Technology	 Change the two-stage structure. Imported 304 stainless steel. The spring has passed 7.5 million fatigue tests and has high fatigue resistance.	 The two-section structure cannot withstand the torsional strength of long-term work.
Steering angle sensor New Technology	 The anti-interference ability is enhanced, which can effectively prevent the damage to the chip caused by static electricity. 360-degree signal reception, more accurate and more sensitive.	 Hall mechanical structure brush plate, long-term contact during equipment operation will lead to sensor failure.
Flap New Process	 The flaps are anodized to reduce grease adhesion during equipment operation.	 Normal aluminum,without surface treatment, the products may easily absorb oil and dirt particles and consequently lead to jamming.
Gear New Material	 PA66 +GF30+ PTFE15%. Enhanced wear resistance and breaking elongation.	 PPA +GF30+ PTFE15%, The brittleness of PPA causes the gear to be easily broken after being impacted, poor durability.