

# D-Tec system

## Product information



### Introduction:

The D-Tec system is a monitoring system developed for motorcycles equipped with a dry sump lubrication system.

The dry-sump lubrication principle is introduced many years ago and applied successfully on many, today's motorcycles of various brand names. However, one of the disadvantages of these systems is poor lubrication performance during warming-up. During the warming-up phase the lubrication performance of these systems are relatively poor compared to other types of lubrication. As a result of this high wear on bearings, valves and other moving parts of the engine is initiated. Due to the oil temperature coefficient, the big temperature difference in the engine itself, the slow warming-up curve of the lubrication system it takes a long time before the temperature behaviour of the engine is stabilized. This is the reason why there can be mechanical damage caused by to high engine load during warming up.

### The D-Tec system:

The D-Tec system is a fully digital system and developed to warn the driver for excessive engine wear and load during the warming-up phase. In addition to this, the system will warn the driver

for extreme hot engine when an excessive continuous load is applied for a long period.

By means of a special indicator on the dash panel the system status (red/blue/off) is shown. Taking the indicator into account, it will lower the mechanical stress in the engine during warming up considerably. It will reduce the mechanical wear in the moving engine parts and will save you costly repairs. The D-Tec system can be mounted on practically all motorcycles with a dry-sump lubrication system.

The indicator is has excellent day light visibility. All system components are fully weather proof. The small computer unit is moulded into a housing and all wiring can be fixed with cable ties. The sensor is easy to install without any changes to the lubrication system itself.

There is no special dedicated technical knowledge required to install the system.

## Technical specification:

Technology	Micro processor
Power supply	Min.: 9V Max.: 20V
Indicator	>130° - red 65°-130° - off <65° - blue
Accuracy	< 1.5%
Calibration	Automatic
Adjustments	None
Auto sensor test	√
Auto indicator test	√
Auto computer test	√
Integrated power filter	√

## System delivery:

Computer module	√
Indicator	√
Special sensor	√
Wiring	√
Cable ties	√
Installation instructions	√