

Tacho alarms



Alarm	Alarm Level	Cause
Tacho set A(B) failure	-	<ul style="list-style-type: none"> - Cabling failure (loose connection etc.), or - Flywheel marker sensor failure, or - Encoder failure, or - Tacho amplifier A failure, or - Sensor support console failure, or - Power failure (ECUA powers tacho set A) <p>If trigger ring is fitted, this alarm may be caused by:</p> <ul style="list-style-type: none"> - Trigger/marker ring is damaged, or - Trigger/marker sensor failure
Delta Tacho B too big	1.0°	The angle between tacho set A and B marker signal exceeds the limit. (Normal setting: +/-0.25°)
Tacho Alignment Error	0.5°	Tacho set A signals and/or tacho set B signals differ from the flywheel sensor signal.
Tacho input A(or B) slip	5.0°	Tacho position signal A(or B) does not match the position signals from tacho set B(or A) and the turning wheel sensor.
Marker A input	5.0°	<p>a. Flywheel tacho sensor is damaged or out of adjustment</p> <p>b. Both encoders are misaligned compared to flywheel sensor</p> <p>If b: Engine performance will be seriously affected. NEVER ignore this alarm!</p>