

ME Tacho system

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° | <ul style="list-style-type: none"> a. Flywheel tacho sensor is damaged or out of adjustment b. Both encoders are misaligned compared to flywheel sensor <p>If b: Engine performance will be seriously affected. NEVER ignore this alarm!</p> |