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| **Information about failures** |
| **KDI 3404 TCR-SCR Owner Manual (REV. 03.4)** |



Sommario

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# Information about failures

## Useful information about failures

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| * This chapter contains information about the problems that may appear during engine operation with its causes and trouble shooting **Tab. 7.2** . * In some cases, you shall turn off the engine immediately to avoid further damage **Tab. 7.1** .   **7.1**   |  |  | | --- | --- | | **THE ENGINE MUST BE IMMEDIATELY TURNED OFF WHEN** | | | 1 | Warning RED light turn on | | 2 | The oil pressure indicator light turns on while running | | 3 | The engine rpms suddenly increase and decrease | | 4 | A sudden and/or unusual noise is heard | | 5 | Colour the exhaust fumes suddenly darkens |     **7.2**   |  |  |  |  | | --- | --- | --- | --- | | **TROUBLES** | **POSSIBLE CAUSE** | **SOLUTION** | **PAR.** | | Warning YELLOW light turn on | Engine ECU has detect a malfunctions | Contact **KOHLER** authorised workshops | -- | | The engine does not start | Sulphated battery terminals corroded | Clean the battery terminals | -- | | Battery voltage too low | Recharge the battery or replace it | **--** | | Low fuel level | Refuel | [**4.4**](https://iservice.lombardini.it/jsp/Template2/manuale.jsp?id=2531&parent=1972) | | Frozen fuel | Contact **KOHLER** authorised workshops | **--** | | Clogged fuel filter | Replace with a new filter | [**6.3**](https://iservice.lombardini.it/jsp/Template2/manuale.jsp?id=2546&parent=1972) | | Air suction in fuel system | Contact **KOHLER** authorised workshops | **--** | | Clogged air filter | Replace with a new filter | [**6.4**](https://iservice.lombardini.it/jsp/Template2/manuale.jsp?id=389&parent=1972) | | Clogged pipes | Contact **KOHLER** authorised workshops | **--** | | Intake or exhaust system clogged | Replace with a new fuse; if the problem persists, Contact **KOHLER** authorised workshops | **--** | | Intake or exhaust system clogged | Contact **KOHLER** authorised workshops | **--** | | Engine starts but stops | Inefficient electrical connections | Clean the electrical contacts; if the problem persists, Contact **KOHLER** authorised workshops | **--** | | Sulphated battery terminals | Clean the battery terminals | **--** | | Clogged fuel filter | Replace with a new filter and clean the tank | **--** | | Clogged fuel pipes | Contact **KOHLER** authorised workshops | **--** | | Engine doesn't rev up | Safety protocol in starting | Wait some seconds | **--** | | Throttle to MAX in starting | Release the throttle and wait some seconds | **--** | | RPM instability at idle speed | Clogged fuel pipes | Contact **KOHLER** authorised workshops | **--** | | Numero dei giri al minimo basso | Clogged fuel pipes | Contact **KOHLER** authorised workshops | **--** | | Poor quality fuel | Clean the tank and refuel with quality fuel | [**2.5**](https://iservice.lombardini.it/jsp/Template2/manuale.jsp?id=2523&parent=1972) | | Blue smoke | High oil sump level | Replace the engine oil; if the problem persists, Contact **KOHLER** authorised workshops | **--** | | Clogged air filter | Replace with a new filter | [**6.4**](https://iservice.lombardini.it/jsp/Template2/manuale.jsp?id=389&parent=1972) | | Excessive fuel consumption | Clogged air filter | Replace with a new filter | [**6.4**](https://iservice.lombardini.it/jsp/Template2/manuale.jsp?id=389&parent=1972) | | High oil sump level | Replace the engine oil; if the problem persists, Contact **KOHLER** authorised workshops | **--** | | Engine lost its initial performance | Clogged air filter | Replace with a new filter | [**6.4**](https://iservice.lombardini.it/jsp/Template2/manuale.jsp?id=389&parent=1972) | | Clogged fuel pipes | Contact **KOHLER** authorised workshops | **--** | | Cheap fuel | Clean the tank and refuel with quality fuel |  | | High oil sump level | Replace the engine oil; if the problem persists, Contact **KOHLER** authorised workshops | **--** | | Slow acceleration | Clogged fuel filter | Replace the fuel filter | [**6.3**](https://iservice.lombardini.it/jsp/Template2/manuale.jsp?id=2546&parent=1972) | | Engine jerking | Clogged fuel pipes | Contact **KOHLER** authorised workshops | **--** | | Engine overheats | Insufficient coolant level | Fill up to the level | [**4.6**](https://iservice.lombardini.it/jsp/Template2/manuale.jsp?id=2533&parent=1972) | | High oil sump level | Replace the engine oil; if the problem persists, Contact **KOHLER** authorised workshops | **--** | | Clogged radiator | Clean the radiator; if the problem persists, contact **KOHLER** authorised workshops | **--** |   In the event that the solutions proposed in **Tab. 7.2** do not eliminate the trouble, contact a **KOHLER** authorized workshop |

