

SPEED TRIPLE 1200 RS & RR LOW OIL PRESSURE WARNING

Notice Information

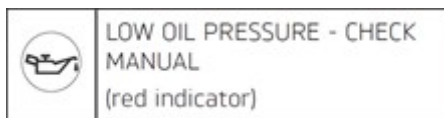
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Subject:	Service/Technical

TOL NOTICE (USCA) – June 21, 2022

TOL Ref. #21768-SVC

SPEED TRIPLE 1200 RS & RR LOW OIL PRESSURE WARNING

Triumph has seen small number of cases reporting Speed Triple 1200 RS & RR bikes showing an intermittent display of the low oil pressure warning on the instruments.



This concern has been investigated. From data gathered so far most of these warnings are shown in error, and the oil pressure on the bikes is acceptable.

The following changes have already been made to improve this condition:

- The oil pump drive gear changed from 28 teeth to 24 teeth to increase the oil pressure. The pressure on the original gearing is more than acceptable for lubrication, but the pressure at idle is close to the tolerance limit for the oil pressure switch. The increased pressure means that the switch is less likely to trigger the low-pressure warning in error.
- The low oil pressure warning on these models is controlled by the Chassis Control Unit (CCU) based on a strategy of taking inputs from the oil pressure switch and engine ECM. This strategy was revised to better control the warning in certain riding conditions where the pressure could momentarily drop. This update changes the behavior of the warning so that it now latches on. If the pressure does briefly drop slightly and trigger the warning, the warning will remain on the display until the ignition is cycled and does not switch off when pressure rises as may be expected. This change was implemented from the release of TDT 2021-15 in November 2021. All RR models will have this latest software from PDI.

The investigating is ongoing, and further revision to the CCU software is being worked on

Dealer Action: What to do if you receive a report of this concern:

- Bikes fitted with the original pump:
 - Confirm the engine has been filled with the correct grade oil and that the oil level is correct.
 - Replace the oil pump with the revised part. See EPC for details of the spares kit.
 - Replace the oil pressure switch.
 - Ensure the CCU calibration is up to date.

- Bikes fitted with the new pump:
 - Confirm the engine has been filled with the correct grade oil and that the oil level is correct.
 - Measure the oil pressure with the engine up to temperature. At idle, the pressure should be ~0.35 bar and at 5,000 rpm 3.25 bar. If the pressure is low, investigate as normal.
 - If the measured pressure is OK, replace the oil pressure switch.
 - Ensure the CCU calibration is up to date.

If the concern remains after the above, please contact factory.warranty@triumph.co.uk providing the VIN, odo reading, exact details of the symptoms reported, confirmation of the installed CCU software version, measured oil pressure figures and details of any fitted aftermarket accessories.

Reminder:

- Please ensure all new bikes have the latest software download at PDI
- Please ensure the latest software is download on all bikes being serviced
- **PLEASE ENSURE ALL RELEVANT STAFF ARE INFORMED OF THIS UPDATE**

If you have any additional questions, please contact Triumph Customer Support at (888) 284-6288.