

SAFETY BULLETIN

COALTRAM® CT08, CT10, CT10LP & CT13

Oil ingress to ECUEx

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Purpose

To advise machine owners of a possible abnormal throttle response that exists if oil enters and builds up in the ECUEx termination area.

Applicability

COALTRAM® CT08, CT10, CT10LP and CT13 vehicles.

Background

A COALTRAM® was experiencing abnormal throttle response with the source of the problem identified as oil ingress into the ECUEx termination area with enough depth (approx. 3cm) to bridge across the internal sensor connection terminals.

Investigation /Findings

It was revealed that the oil had ingress from the solenoid in the HEP (injector) pump. The oil was able to track along the internal sheathing of the HEP coil into the casing of the cable. Due to the pressure from the HEP pump the oil travelled up the cable through the casing and into the ECUEx. The oil built up enough over time to a depth that could bridge the circuit causing signals to act abnormally.

Connexa have been contacted for investigation and recommendations on the issue. A Technical Bulletin will be released when a response from Connexa is obtained.

Recommendations

At the next convenience remove the cover from the ECUEx and inspect for oil using the steps below. If oil present replace HEP coil refer SWP CT3.28. HEP coil part number – 5520002372 (CT08, CT10, CT10LP), 5520002379 (CT13).

1. Isolate COALTRAM®
2. Remove guard from frame of vehicle.



Outer guard over ECUEx

3. Remove cover over cable terminations



Cover over terminations

4. Check for oil and clean/remove any that is present. If oil present replace HEP coil. Refer SWP CT3.28.



Area to check for oil

5. Re-install covers

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