

# TECHNICAL BULLETIN

Ref Document No.	TB15007	Issue No.	1
Subject	Brake Pedal Piston Pin Retaining Clips		
Release Date	21 <sup>st</sup> December 2015		

**Purpose** – Advise COALTRAM® owners/operators of a change to the retaining clips used on the brake pedal piston pin.

**Applicability** – All in service COALTRAM® models CT08, CT10, CT10LP and CT13.

## Background

The brake pedal in the COALTRAM® is connected to the hydraulic piston via a pin retained with two "C" clips. PPK has received reports of these "C" clips detaching, allowing a possibly dangerous situation if the pin was to disengage from between the pedal and the piston.

## Investigations/Findings

PPK has sourced a superior clip to retain the pin which can be retrofit by only replacing the clips. The clips sourced have a tab that locks over the pin to prevent it from detaching. See images below for an illustration.



Figure 1: Clip comparison



Figure 2: "C" clip installed on pin



*Figure 3: New retaining clips installed on pin*

### Recommendations

PPK recommends:

1. Coaltram owners/operators inspect their Coaltrams at the next available opportunity to ensure the "C" clips are in place.
2. At the next available service replace the "C" clips with the new retainers. Two (2) retaining clips will be required per Coaltram. Clips can be ordered from PPK Mining Equipment service part number 552009938. Follow SWP CT6.55 for retrofit procedure or contact your PPK service centre.

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