

PARTS & SERVICE NEWS

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| REF NO. | AA02171 |
| DATE | July 26, 2002 |

SUBJECT: SWITCH FOR CRANKCASE PRESSURE (P/N 655 427 40)

PURPOSE: Improved lifetime conditions

APPLICATION: H255 Hydraulic Shovel, S/N's up to 06183
 H285 Hydraulic Shovel S/N's 78105, 78106, 78129, 78133 and 78142
 H455 Hydraulic Shovel S/N's from 15003 to 15005
 PC3000 Hydraulic Shovel S/N's up to 06183
 PC5500 Hydraulic Shovel S/N's from 15003 up to 15005

FAILURE CODE: 0100FA

DESCRIPTION:

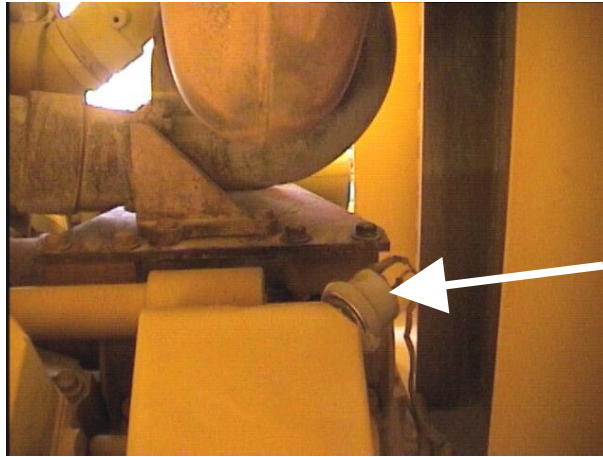
Changing the installation of the switch for the crankcase pressure creates the following advantages:

- Lower stress for the pressure switch
- Extended lifetime of the pressure switch.

Procedure (see attached photo):

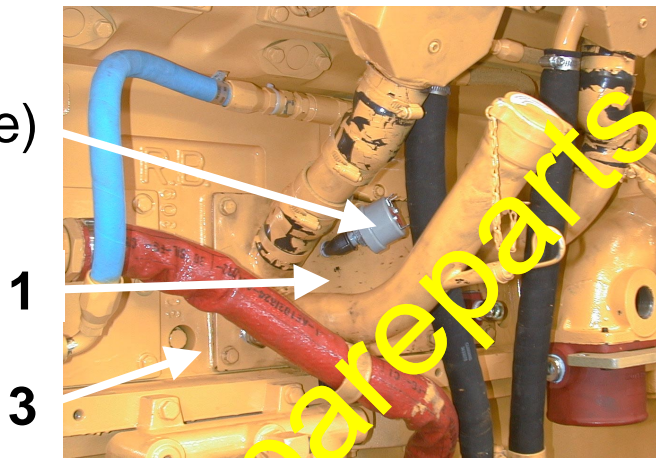
- Remove metal plate (1)
- Drill a hole diameter 14.95 mm
- Tap thread 3/8 pt
- Install a 3/8" street "L" (2) with teflon sealing
- Disconnect the old pressure switch
- Remove the pressure switch (4) from the old place and install the plug (5) by using teflon sealing.
- Install the pressure switch (4) in the new location by using teflon sealing.
- Reinstall the metal plate with seal (3)
- Reconnect the pressure switch

| Required parts | Part Number | Position Number |
|------------------------|-------------|-----------------|
| Seal | 906 810 40 | 3 |
| Street "L" (45 degree) | 516 668 98 | 2 |
| Plug | 517 217 98 | 5 |
| Teflon sealing | | |



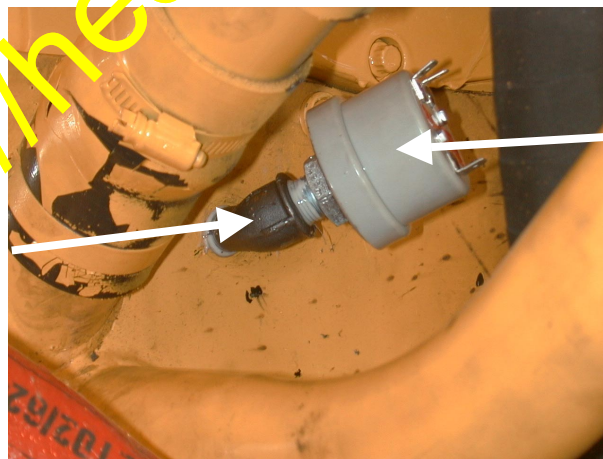
4 (old place)

4 (new place)



1

3



2

4

<https://thespareparts.com/>