SERVICE MANUAL

LOADER
419S

EN - 9813/6500
ISSUE 1 - 02/2017

This manual contains original instructions, verified by the manufacturer (or their authorized representative).

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Foreword

The Operator's Manual

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You and others can be killed or seriously injured if you operate or maintain the machine without first studying the Operator's Manual. You must understand and follow the instructions in the Operator's Manual. If you do not understand anything, ask your employer or JCB dealer to explain it.

Do not operate the machine without an Operator's Manual, or if there is anything on the machine you do not understand.

Treat the Operator's Manual as part of the machine. Keep it clean and in good condition. Replace the Operator's Manual immediately if it is lost, damaged or becomes unreadable.

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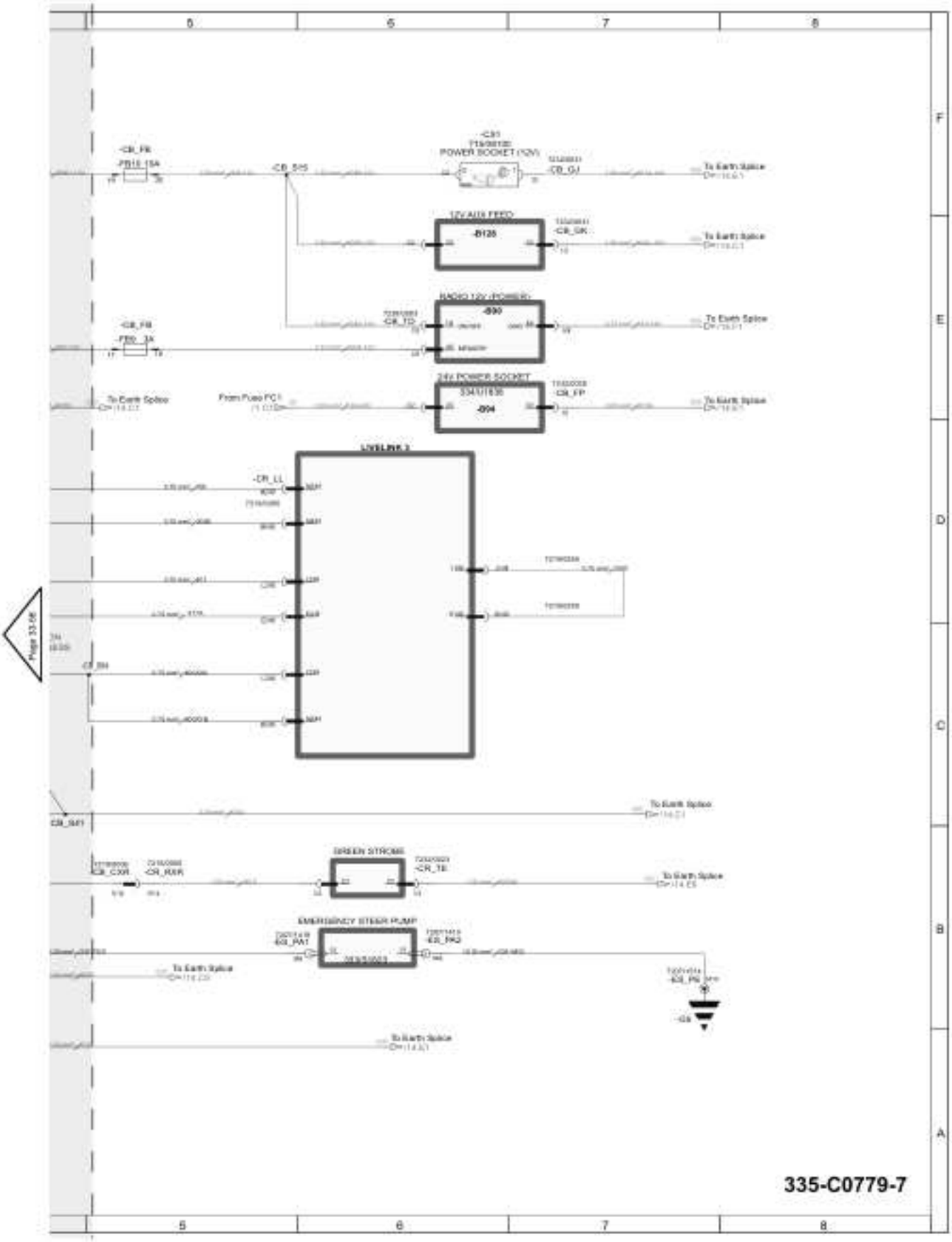
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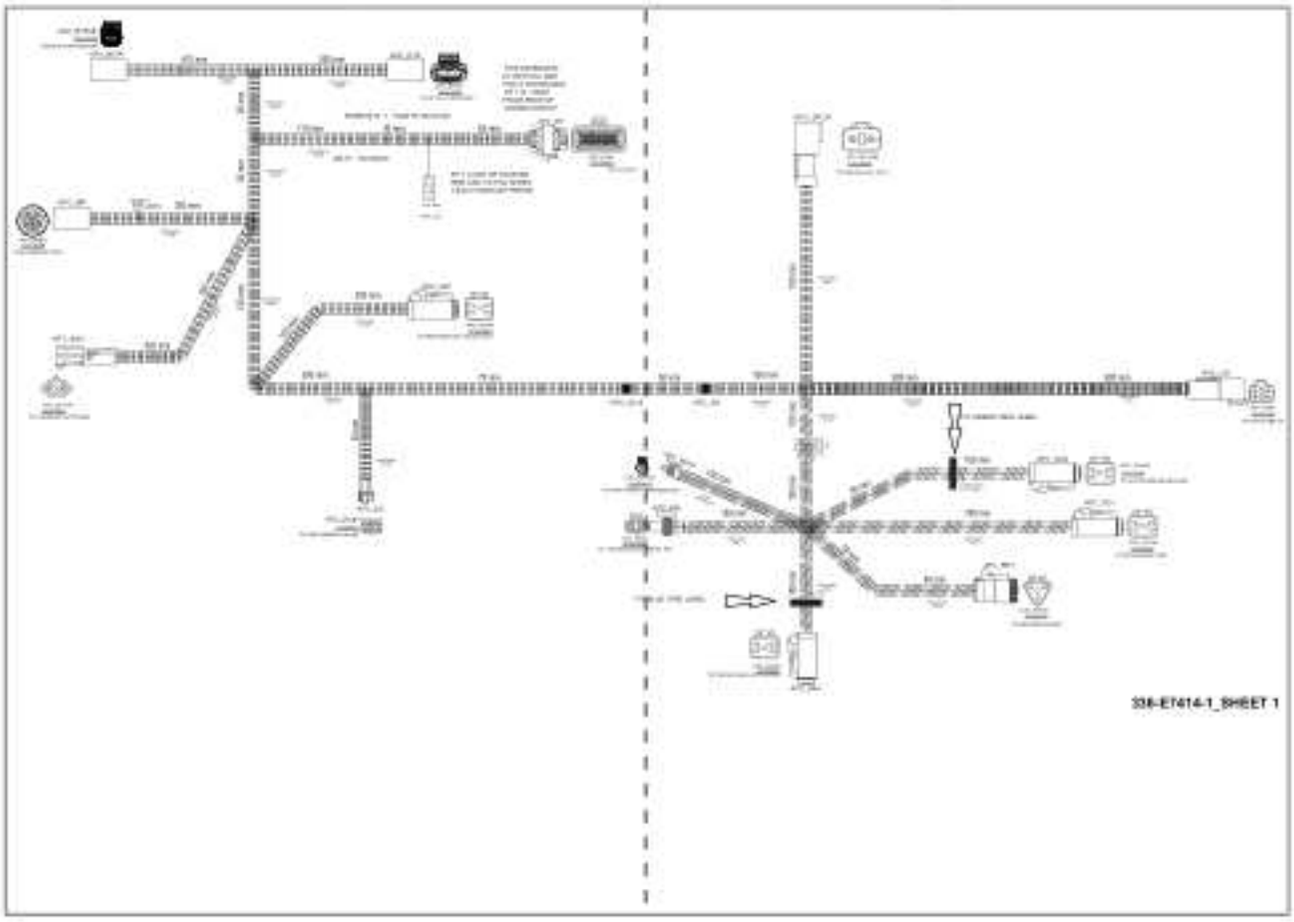


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Figure 714. ATC- 8 Way

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codes, Introduction, Malfunction Indicator Light (MIL) (PIL 33-57-90).

Fault Code log

The fault code log can be read on the instrument panel LCD (Liquid Crystal Display). Alternatively use the JCB Servicemaster diagnostics tool.

Read the fault code log on the instrument panel LCD via the service menu. Refer to (PIL 33-57) or use JCB Servicemaster and a laptop computer connected to machine CANbus to see the codes. Refer to (PIL 33-57).

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9.3. Disconnect the DOC unit from the exhaust pipework.

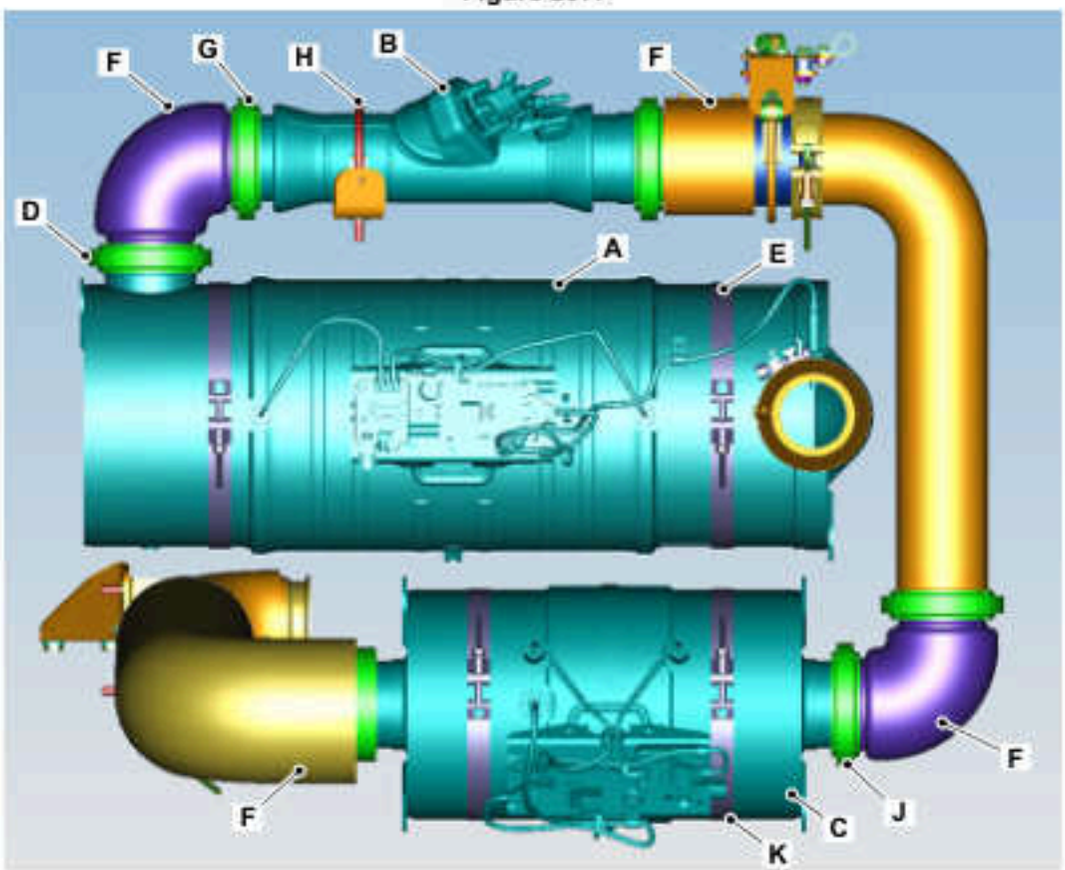
9.4. Discard the gaskets.

9.5. Loosen the nut from the bolt clamp 2.

9.6. Remove the bolt clamp 2.

9.7. Remove the DOC unit from the engine.

Figure 207.



A SCR unit
B DRT unit
C DOC unit
D Clamp 1
E Bolt clamp 1
F Exhaust pipework
G Clamp 2
H U-clamp
J Clamp 3
K Bolt clamp 2

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Check (Pressure)

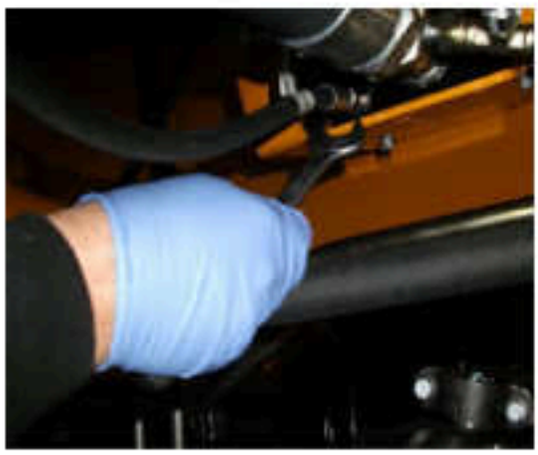
1. Make the machine safe. Refer to (PIL 01-03).
2. Connect the pressure line to the test points on the step.

Figure 522.



3. Disconnect the hose from valve block.

Figure 523.



4. Plug all the open ports and hoses to prevent contamination.

Figure 524.



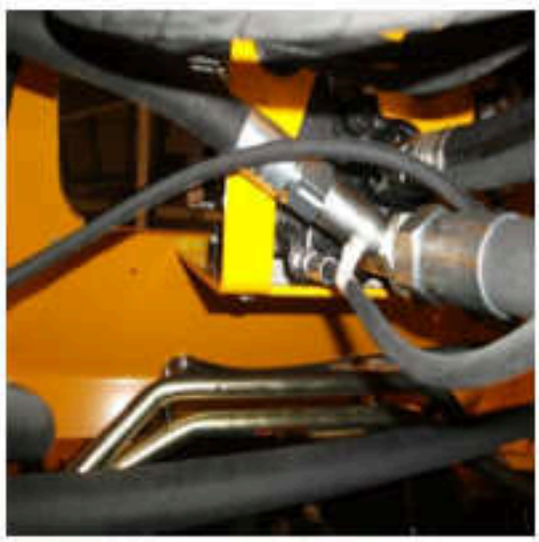
5. Check and set the pressure under the operator station.
   - 5.1. Loosen the nut.
   - 5.2. Adjust the adjusting screw with Allen key.

Figure 525.



6. Make a note of the pressure values.
7. Connect the hoses.

Figure 526.



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