SERVICE MANUAL

LOADER
432ZX PLUS

EN - 9823/0650 - ISSUE 1 - 05/2018

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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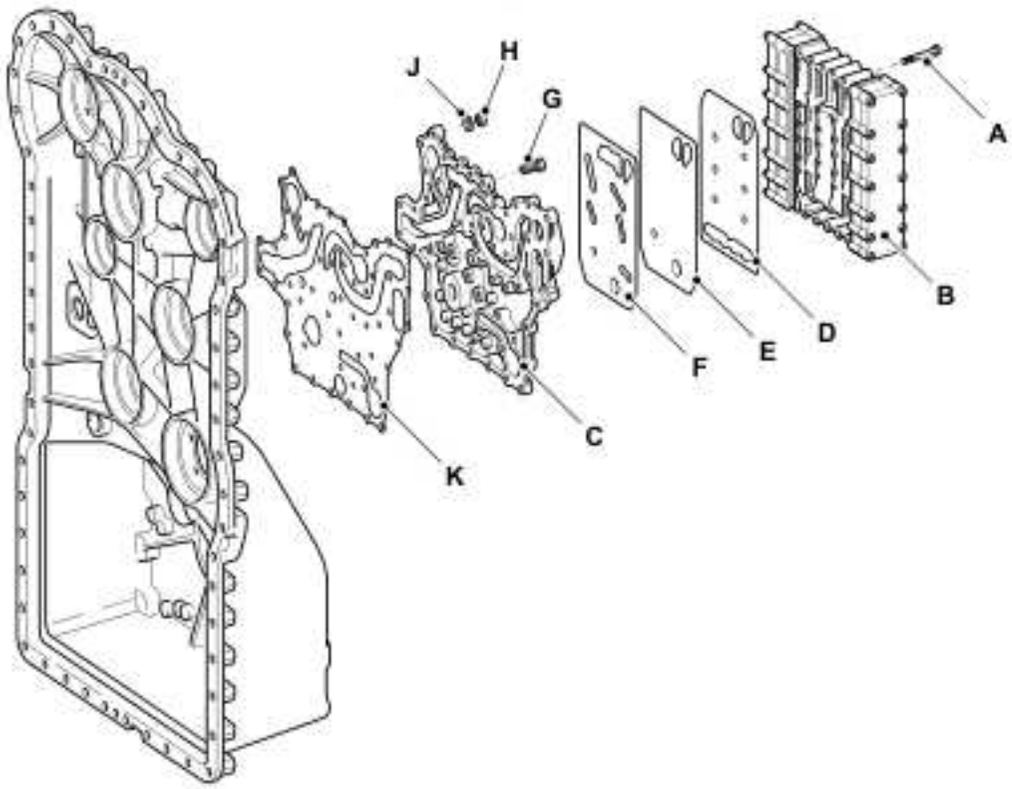
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Remove and Install

Remove

1. Remove the socket head screws (x2).
2. Install the threaded alignment dowels in place of the socket head screws. This is to prevent hidden components from falling out.
3. Remove the remaining socket head screws and separate the control unit from the duct plate.
4. Remove gasket 1, gasket 2 and intermediate plate.
5. Remove the screws, nuts and washers.
6. Separate the duct plate from the gearbox housing.
7. Remove the gasket 3.

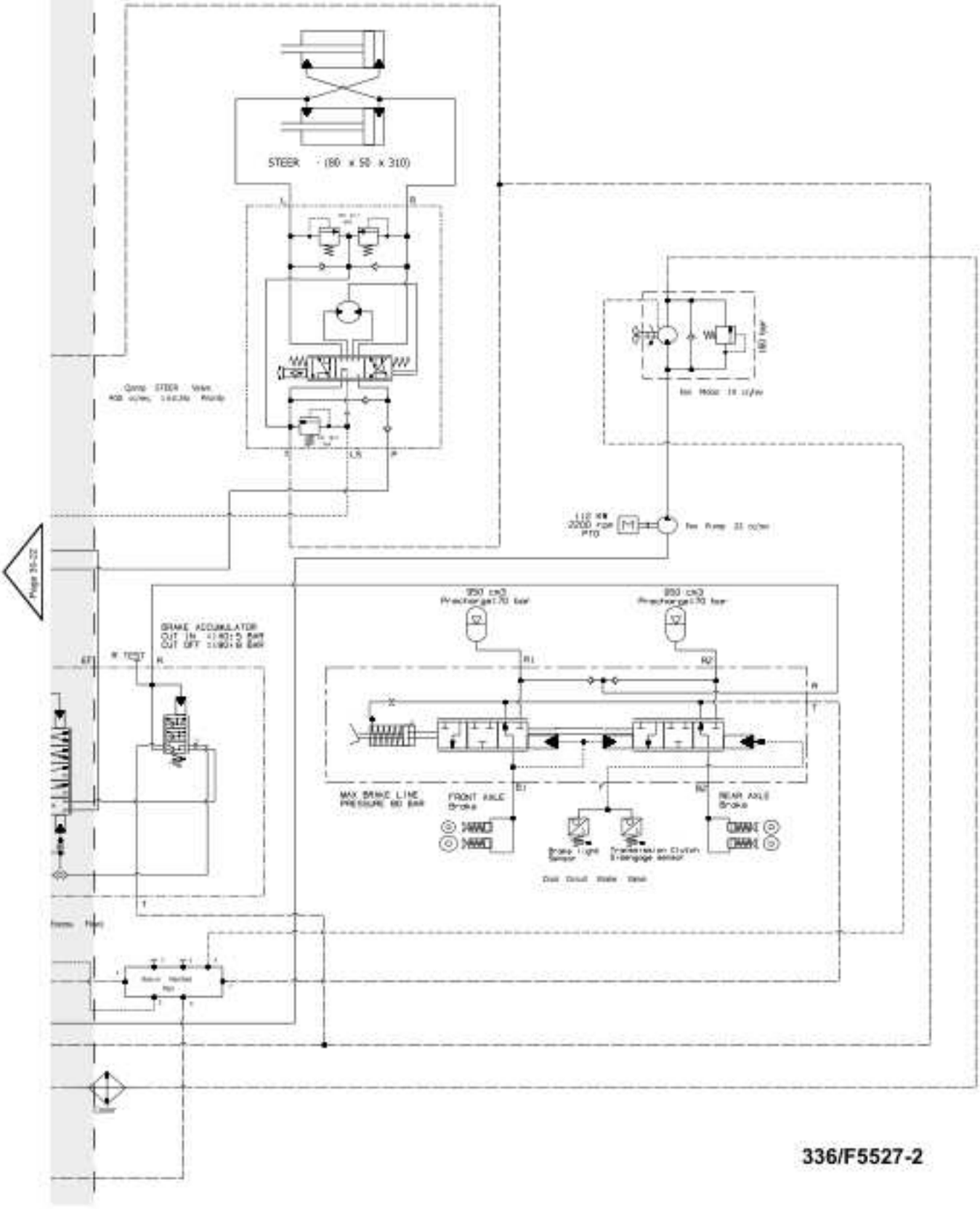
Figure 353.



A Socket screw
B Control unit
C Duct plate
D Gasket 1
E Intermediate plate
F Gasket 2
G Screw
H Nut
J Washer
K Gasket 3

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ure 627. (Part 2 of 2)

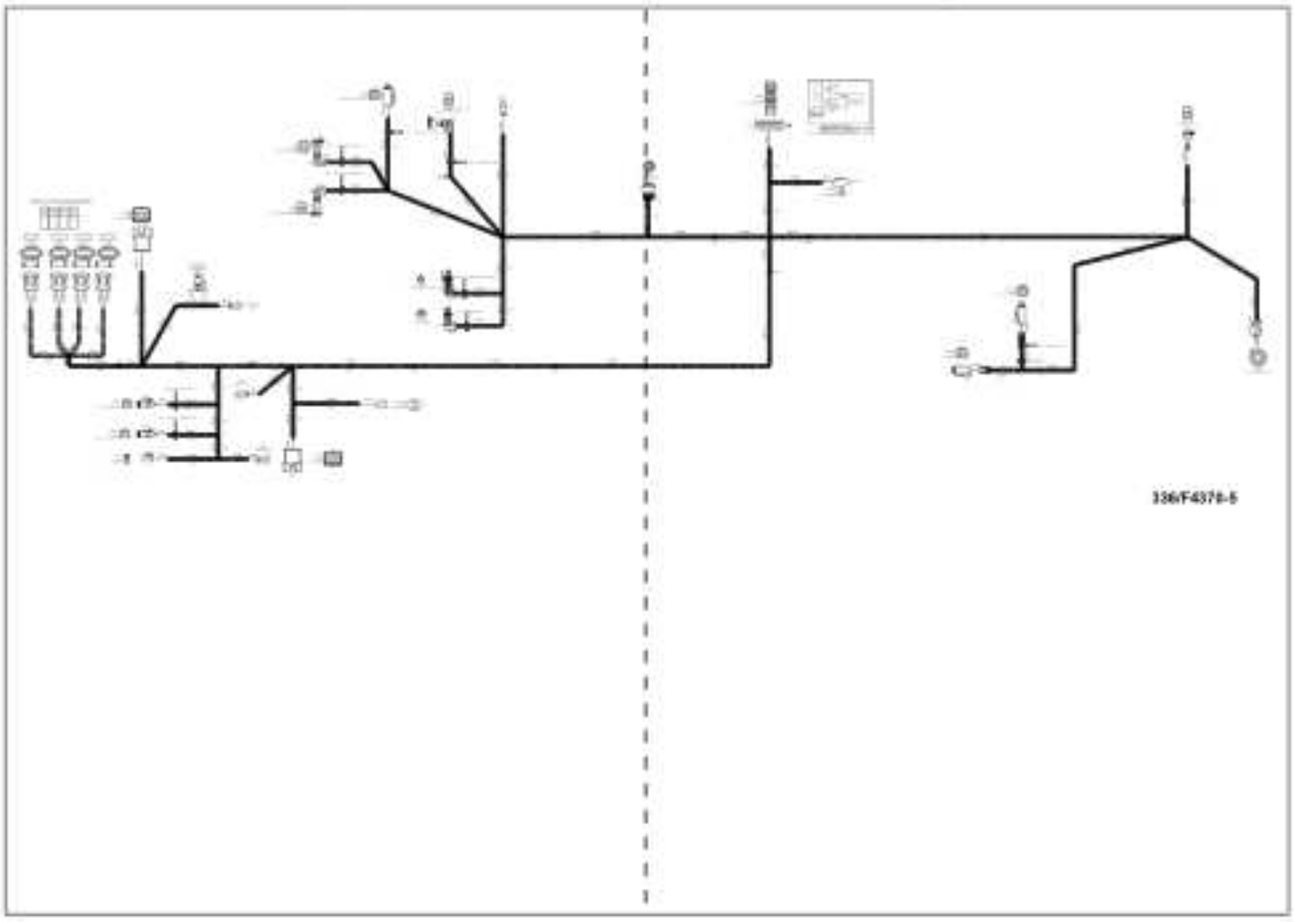


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Figure 853. 336/F4370 - Issue 5 (Sheet 1 of 3)

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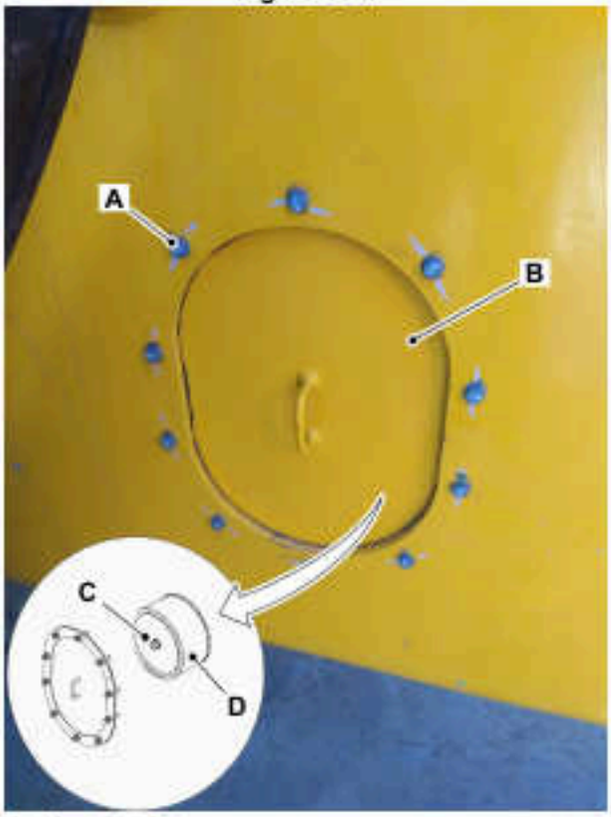
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Remove and Install

Remove

1. Make the machine safe.
   Refer to: PIL 01-03-27.
2. Drain the hydraulic tank.
   Refer to: PIL 30-03-00.
3. Remove the screw (x10) from the access cover. Refer to Figure 631.
4. Remove the access cover.
5. Remove the bolt and washer from the suction strainer.
6. Remove the suction strainer away from the machine.
7. Check the suction strainer for damage. If necessary, replace the suction strainer.
8. Flush the suction strainer with clean hydraulic fluid.

Figure 631.



A Screw (x10)
B Access cover
C Bolt
D Suction strainer

Install

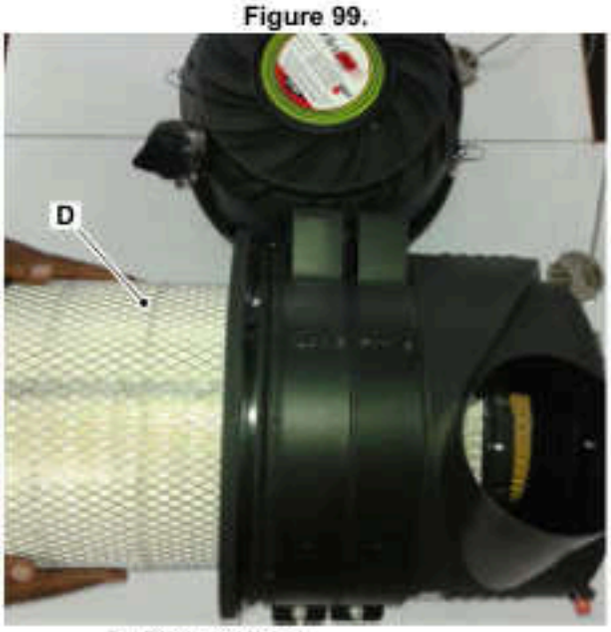
1. The installation procedure is the opposite of the removal procedure. Additionally do the following step.
2. Tighten the fasteners to the correct torque value.

Table 96. Torque Values

Item	Nm
A	12.5
C	104

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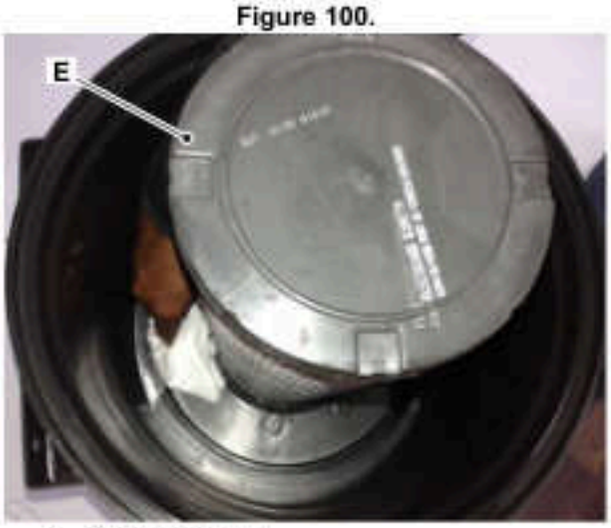
Figure 99.



D Filter element

6. Clean the sealing surface and inside the air cleaner housing

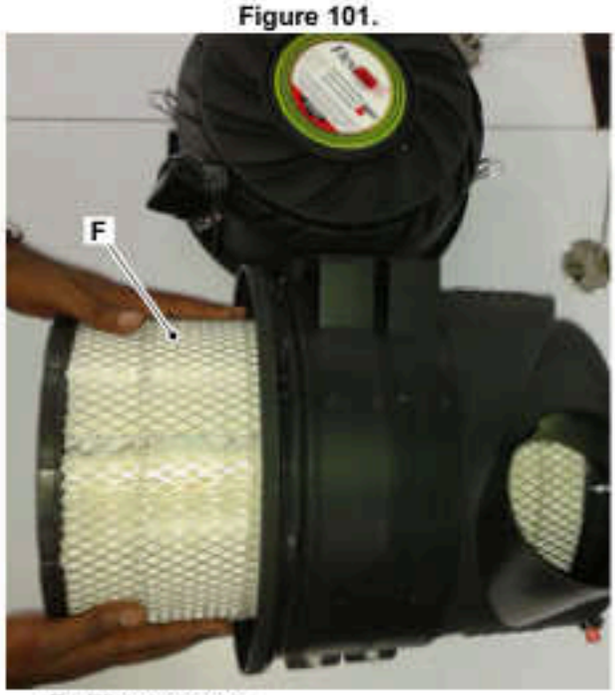
Figure 100.



E Safety element

7. Gently press the new filter element into the housing.

Figure 101.



F Filter element

8. Make sure that you apply a gentle force from the outer periphery.

Figure 102.



9. Install the top cover as follows.

   9.1. Place the top cover on the housing.

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