CX145C SR
Crawler Excavator

OPERATOR'S MANUAL

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CASE
CONSTRUCTION

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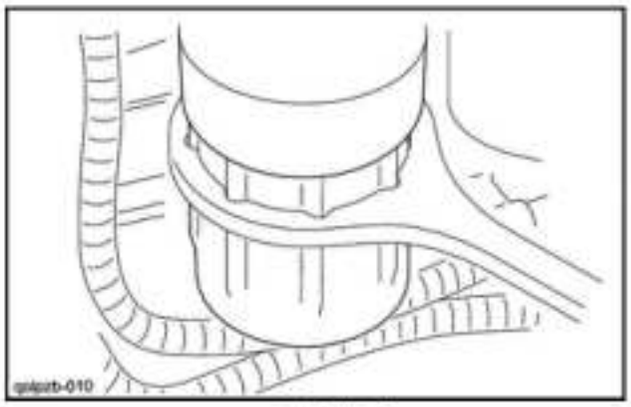
1. Operator's seat
2. Left-hand control arm
3. Emergency shutdown switch
4. Air conditioning control switch
5. Function cancellation lever
6. Left-hand control lever, arm and upperstructure swing controls
7. Footrest or option pedal
8. Travel control levers and pedals
9. Footrest or option pedal or offset boom pedal (if equipped)
10. Front right-hand console monitor display
11. Right-hand console
12. Right-hand control lever, boom and bucket controls
13. Right-hand switch panel
14. Air vents
15. Fuse box
16. Travel control pedal
17. Dozer blade control lever (standard machine only)

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4. Clean around the pre-filter body then remove it using the wrench provided with the machine.
5. Install the new filter element. Replace the filter body seal, then install the body, turning it until it is in contact with the pre-filter head.

   ATTENTION: *Do not fill the filter body with fuel before installing.*
6. Tighten the body using the wrench, the tightening torque must be from **28 - 32 N·m** (**20.7 - 23.6 lb ft**).

NOTE: *Bind tight within regulation torque.*



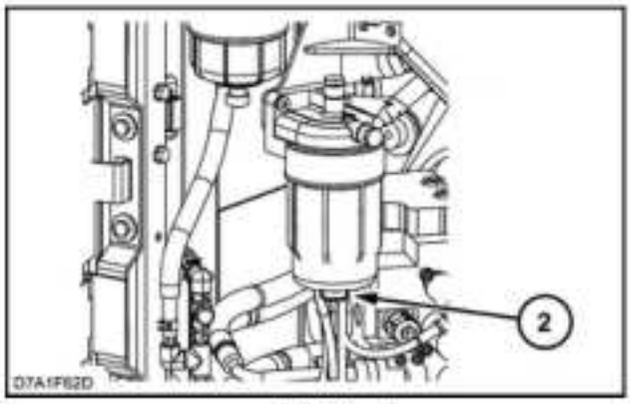
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7. Replace the drain plug **(2)** seal then install the drain plug **(2)**; the tightening torque must be between **8 - 12 N·m** (**5.9 - 8.9 lb ft**)

   ATTENTION: *Overtightening can damage the seal.*

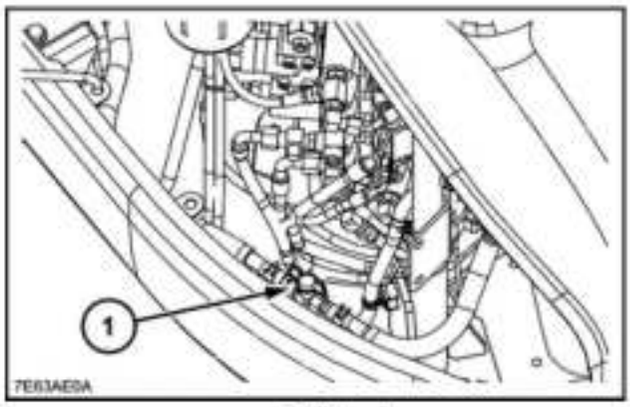
   ATTENTION: *Never re-use the seals of the filter body or the drain plug **(2)**; they must always be replaced with new seals.*

NOTE: *Bind tight within regulation torque.*



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8. Open the valve **(1)** on the supply line.
9. Bleed the system. See "Fuel system air bleed".



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Replacing the fuel filter element

Replace the fuel filter element at the same time as pre-filter element.

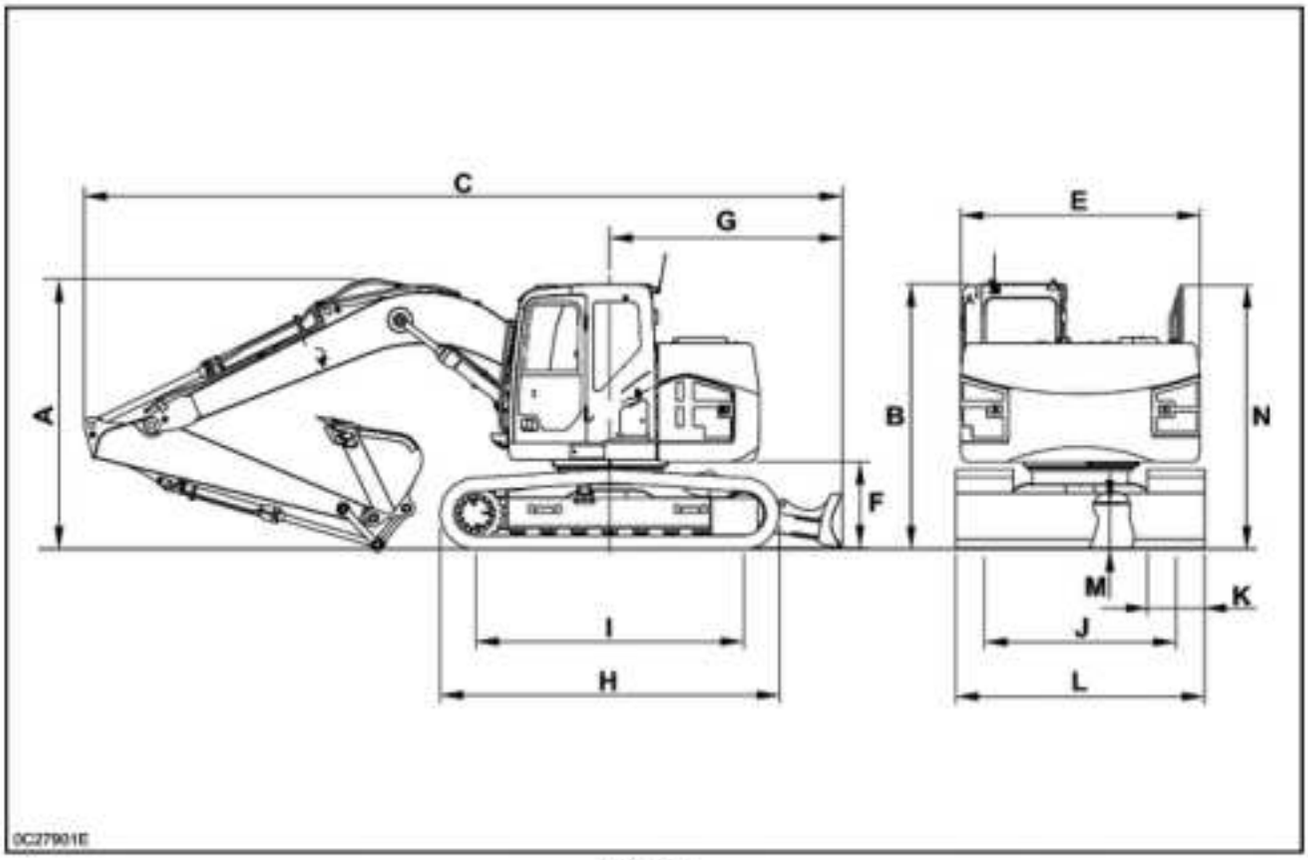
ATTENTION: *If a fuel filter other than a genuine CASE CONSTRUCTION filter is used, the guarantee will not be applied to a fault caused by the use of a wrong filter.*

1. Place a receptacle of a suitable capacity under the fuel filter.

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Dimension

Overall machine dimensions (standard type with monobloc boom)



0C27901E 1

Arms	2.11 m (83.07 in)	2.50 m (98.43 in)	3.01 m (118.50 in)
(A)	2.72 m (107.09 in)	2.79 m (109.84 in)	2.60 m (102.36 in)
(B)	2.80 m (110.24 in)	2.80 m (110.24 in)	2.80 m (110.24 in)
(C)	7.87 m (309.84 in)	7.88 m (310.24 in)	7.84 m (308.66 in)
(E)	2.49 m (98.03 in)	2.49 m (98.03 in)	2.49 m (98.03 in)
(F)	0.88 m (34.65 in)	0.88 m (34.65 in)	0.88 m (34.65 in)
(G)	2.41 m (94.88 in)	2.41 m (94.88 in)	2.41 m (94.88 in)
(H)	3.50 m (137.80 in)	3.50 m (137.80 in)	3.50 m (137.80 in)
(I)	2.79 m (109.84 in)	2.79 m (109.84 in)	2.79 m (109.84 in)
(J)	1.99 m (78.35 in)	1.99 m (78.35 in)	1.99 m (78.35 in)
(K) (standard track pads)	0.6 m (23.62 in)	0.6 m (23.62 in)	0.6 m (23.62 in)
(L)	2.59 m (101.97 in)	2.59 m (101.97 in)	2.59 m (101.97 in)
(M)	0.44 m (17.32 in)	0.44 m (17.32 in)	0.44 m (17.32 in)
(N)	2.73 m (107.48 in)	2.73 m (107.48 in)	2.73 m (107.48 in)

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