

Product: BACKHOE LOADER

Model: 420F2 BACKHOE LOADER NSB

Configuration: 420F2 ADL (Air Deployable Loader) NSB00001-UP (MACHINE) POWERED BY 3054C Engine

Disassembly and Assembly

416F2, 420F2 IT, 420F2 ST, 422F2, 428F2, 430F2 IT, 430F2 ST, 432F2, 434F2 and 444F2 Backhoe Loaders Engine Supplement

Media Number -UENR6152-01

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i06199411

Engine - Remove

SMCS - 1000-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1U-7505	Hydraulic Jack	1
B	6V-3145	Load Leveling Beam	1

Start By:

- a. Remove hood.
 - b. Remove side panels.
 - c. Remove air cleaner.
 - d. Remove muffler.
1. Drain the coolant. Refer to Operations and Maintenance Manual, "Cooling System Coolant (ELC) - Change" for the correct draining procedure.
 2. Drain the engine oil. Refer to Operations and Maintenance Manual , "Engine Oil and Filter - Change" for the correct draining procedures.
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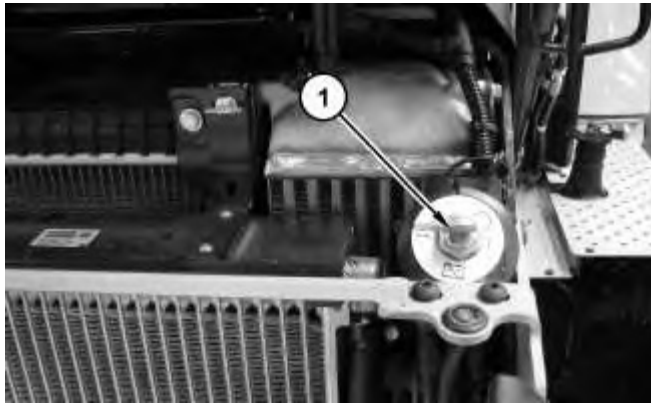


Illustration 1

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3. Turn battery disconnect switch (1) to the OFF position.

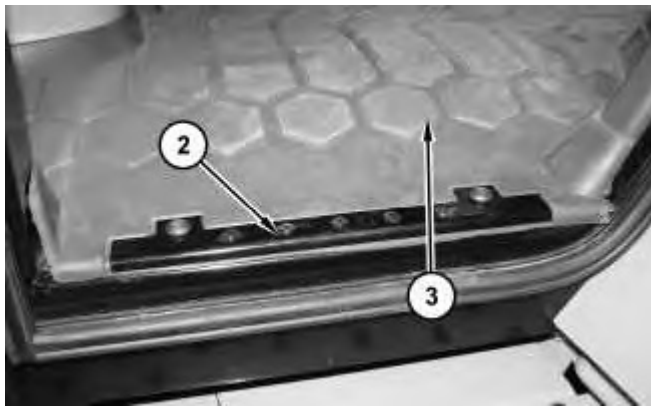


Illustration 2

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4. Remove plate (2) and floor mat (3).

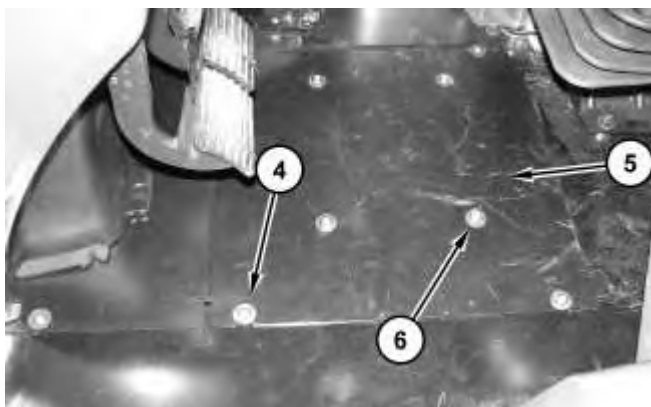


Illustration 3

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5. Remove bolts (4). Lift plate assembly (5) and secure in rear notches. Do not remove bolts (6).



Illustration 4

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6. Reposition fuel filter assembly (7) out of the way.

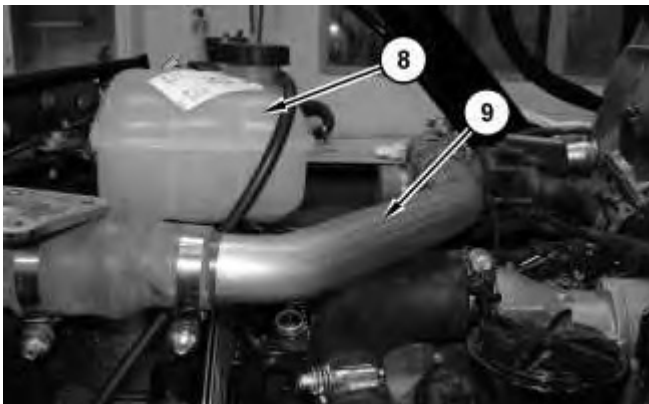


Illustration 5

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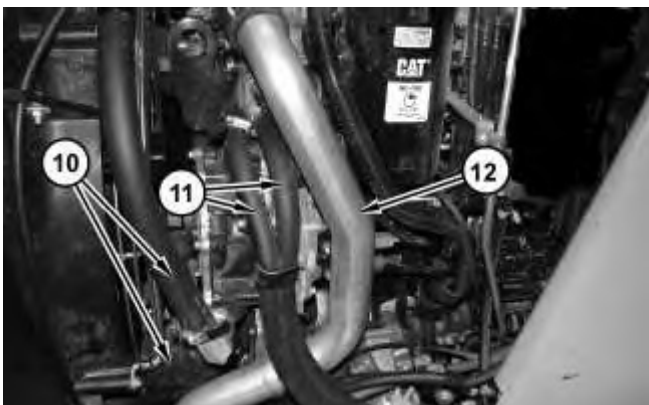


Illustration 6

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7. Remove coolant tank assembly (8). Remove tube (9). Remove hoses (10) and (11). Remove tube (12).