
JX1075N - JX1095N REPAIR MANUAL COMPLETE CONTENTS

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The following pages are the collation of the contents pages from each section and chapter of the JX1075N - JX1095N Tractor Repair manual. Complete Repair part # 87352289.

The sections used through out all Case IH product Repair manuals may not be used for each product. Each Repair manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

The sections listed above are the sections utilized for the JX1075N - JX1095N Tractors.

OVERHAUL

ENGINE

Op. 10 001 10

Removal

————— **!** **DANGER** **!** —————

Lift and handle all heavy parts using suitable lifting equipment.

Make sure that assemblies or parts are supported by means of suitable slings and hooks. Check that no one is in the vicinity of the load to be lifted.

————— **!** **WARNING** **!** —————

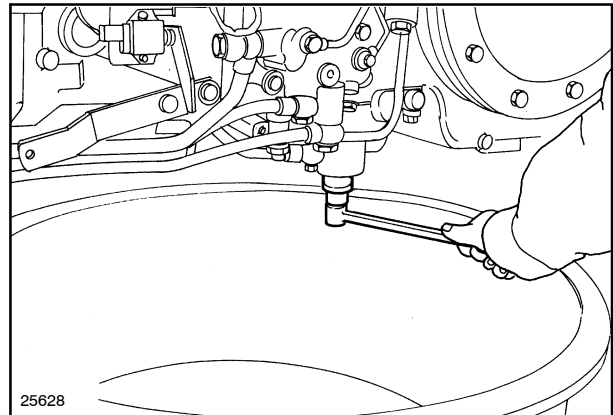
Always use appropriate tools to align fixing holes. NEVER USE FINGERS OR HANDS.

Proceed as follows.

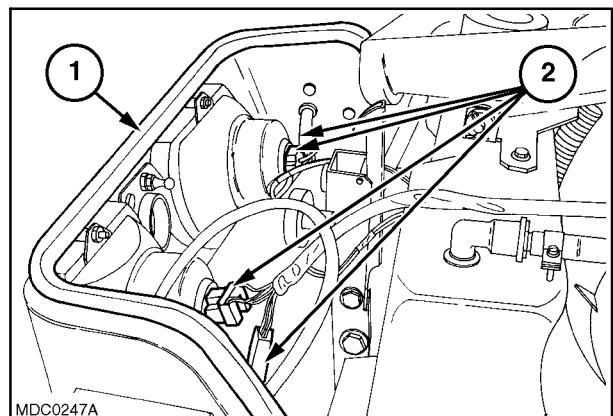
1. Carry out operation **90 150 10** Cab with platform unit removal (see Sect. 90) (models with cab).

*Ensure that the bracket **380001613** locking the front axle in relation to the engine is positioned and secured between the above.*

2. Carry out operation **90 110 36** Platform assembly removal (see Sect. 90) (models with platform).
3. Carry out operation **90 114 20** Front roll bar, removal (see Sect. 90) (models with platform).
4. Unscrew the plug and drain the oil from the rear transmission casing (the prescribed quantity is 11.09 US gal. (42 liters)).
5. Disconnect the electrical connections (2) and remove the front guard (1) by sliding forwards.

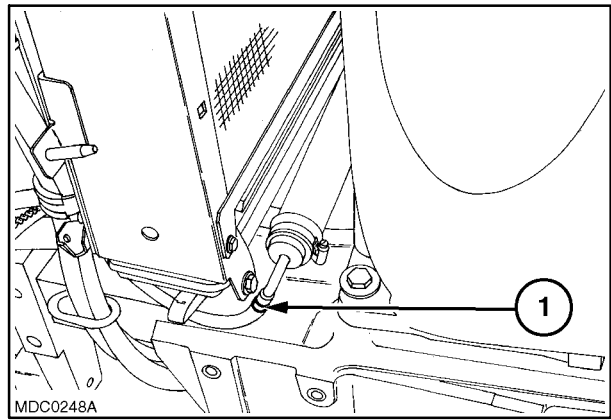


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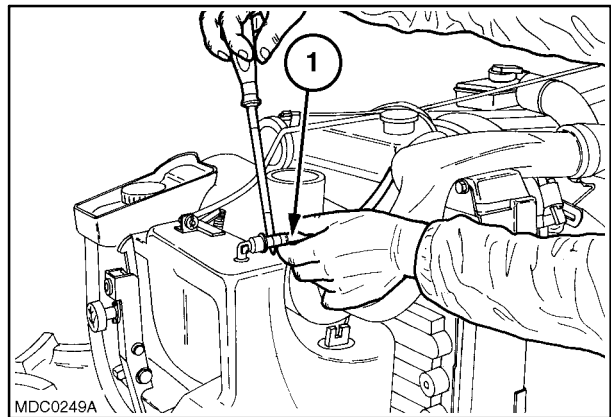
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6. If the tractor is not fitted with an extra fuel tank, disconnect the piping (1) and drain the fuel from the main tank.
7. If the tractor is fitted with a platform the coolant must be drained.



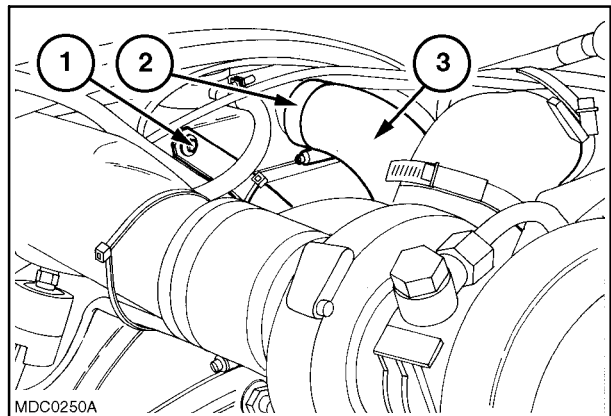
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8. Disconnect the fuel return piping (1).



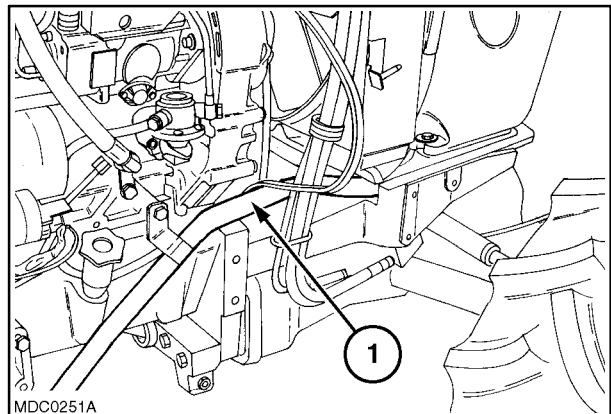
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9. Remove the clamp (1) and detach the radiator sleeve (2), unscrew the radiator retaining bracket (3).



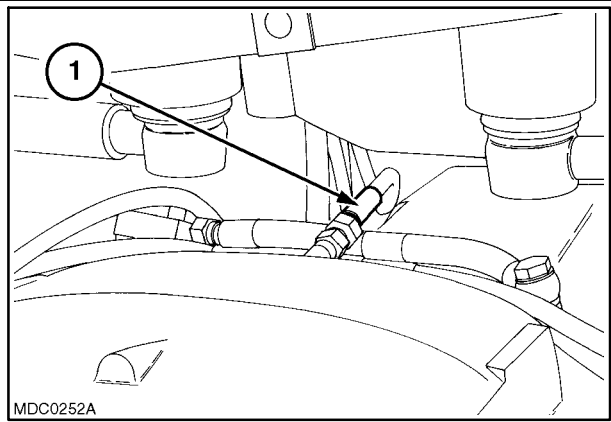
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10. Disconnect the connecting pipe (1) between the main fuel tank and the extra fuel tank.



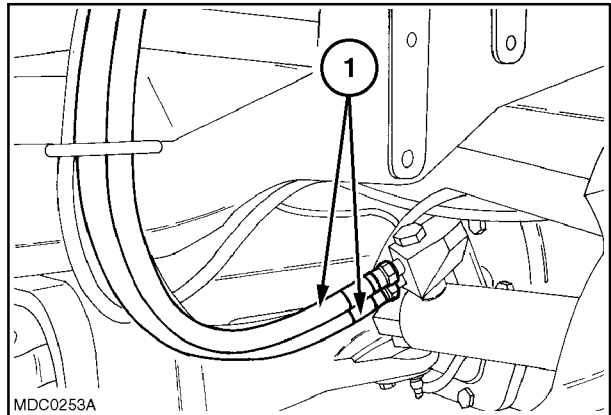
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11. Unscrew the brake control piping (1) on the front axle (if fitted).



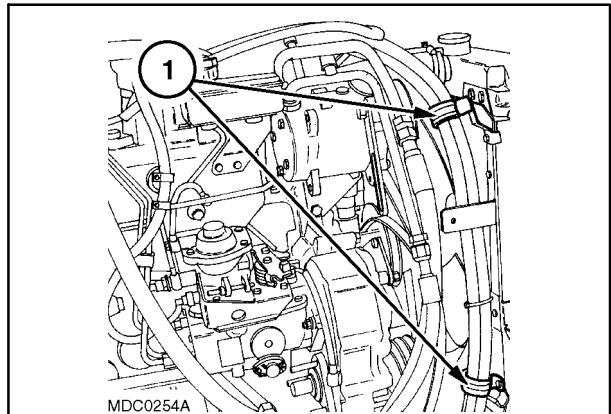
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12. Disconnect the hydrostatic steering piping (1).



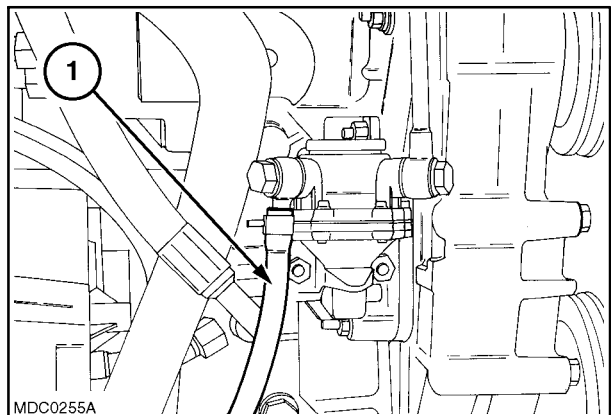
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13. Disconnect the steering sensor wire, loosen the hose and wire retaining clamps (1) on the radiator.



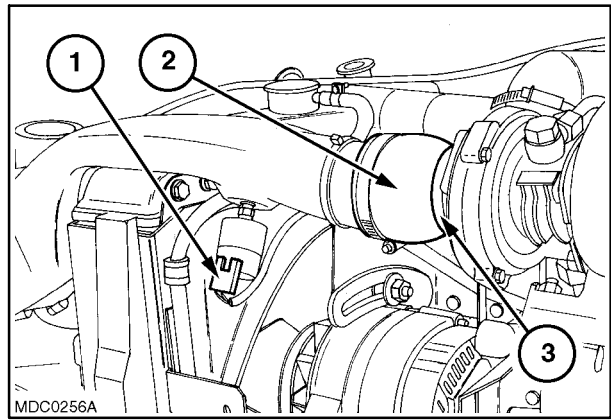
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14. Loosen the clamp and disconnect the fuel injection pump hose (1).



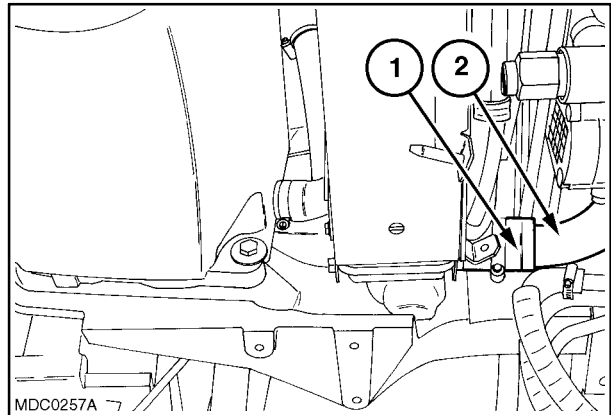
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15. Unscrew the clamp (3) to release the sleeve (2) from the turbocharger (if fitted).
16. Disconnect the electrical connections (1) on the clogged air filter sensor.



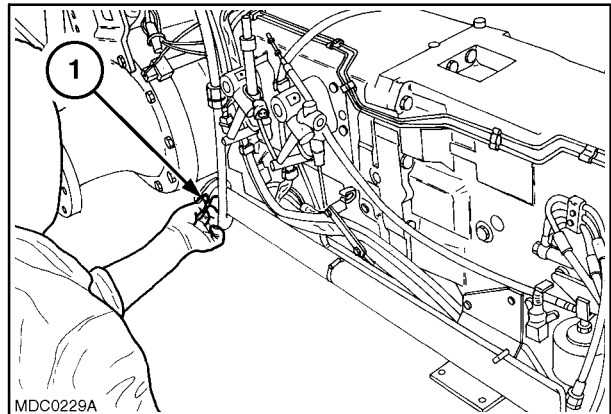
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17. Unscrew the clamp and remove the sleeve (1) on the relative rigid pipe (2).



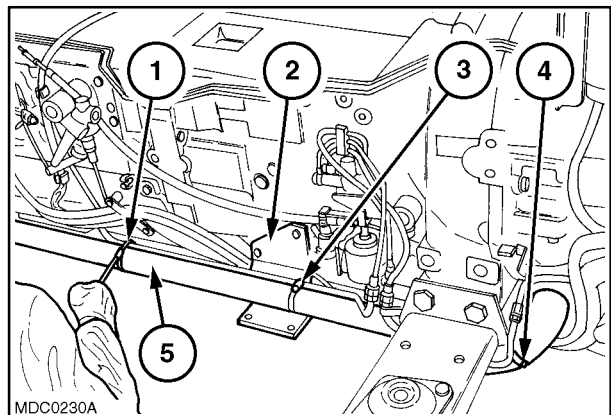
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18. Loosen the hydraulic pump line piping bolts (1).



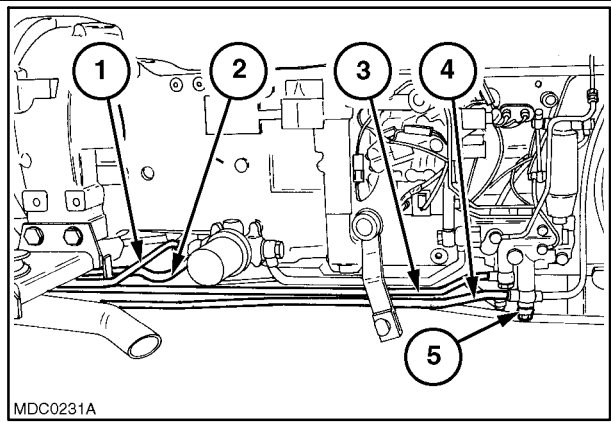
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19. Loosen the clamps (1, 3 and 4), unscrew the bracket retaining bolts (2) and remove the hydraulic pump line piping (5).



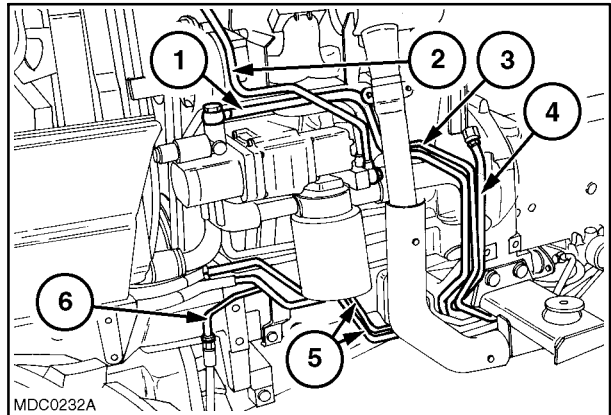
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20. Unscrew the filter piping (1 and 2).
21. Unscrew the services distributor piping (3, 4 and 5).



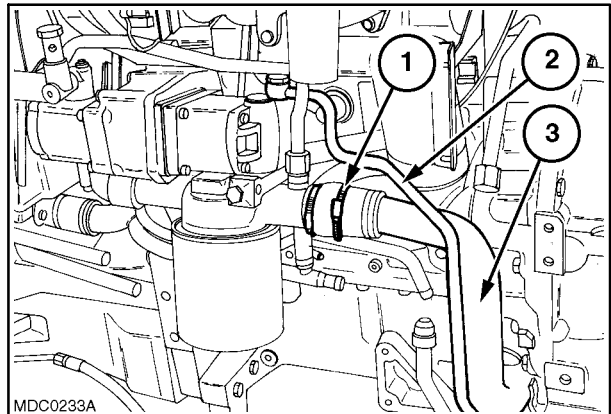
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22. Disconnect and remove piping (1, 2, 3, 4, 5 and 6).
23. Carry out operation **10 254 44** Exhaust pipe removal (see Sect. 10).



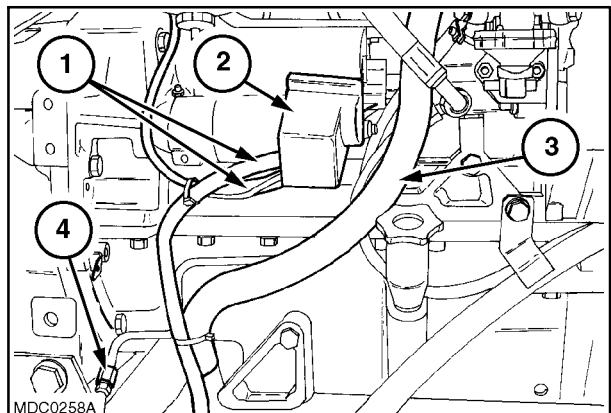
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24. Disconnect the piping (2), unscrew the clamp (1), the piping/clutch housing retaining bolt, and remove piping (1 and 3).



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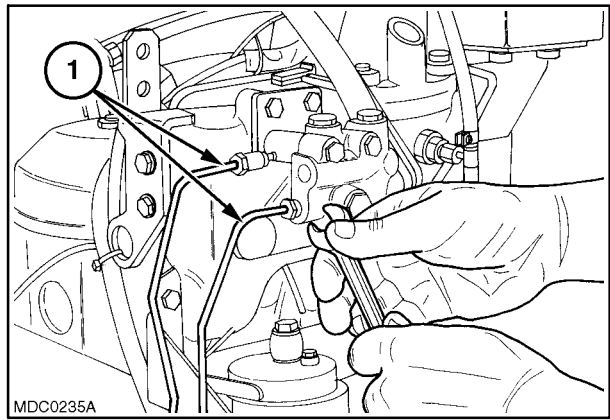
25. Remove the guard (2) and disconnect the starter motor wires (1), disconnect the pipe (4).
26. Remove the retaining clamp and disconnect the engine electrical wires, place the wires (2 and 3) on the clutch casing.



21

27. Disconnect the brake piping (1) from the block.

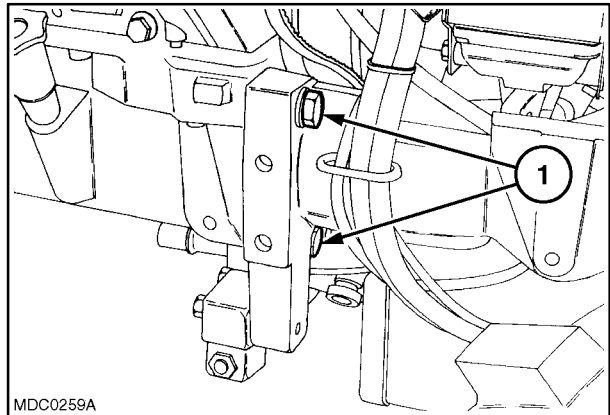
28. Carry out operation **23 101 26** Drive shafts and guard, removal (see Sect. 23).



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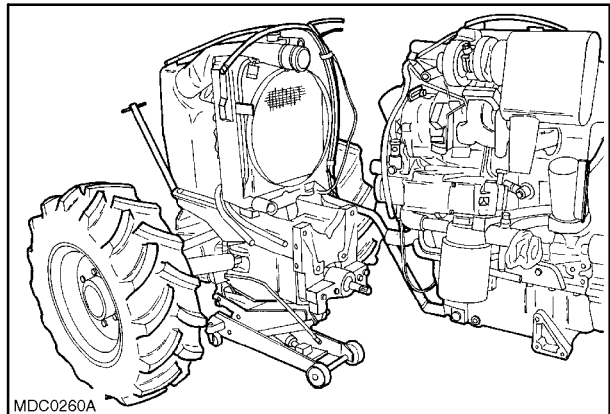
29. Position an hydraulic jack under the rear axle, attach the motor to a hoist, using a chain, and place a stand under the clutch casing.

30. Unscrew the front axle - engine retaining bolts (1).



23

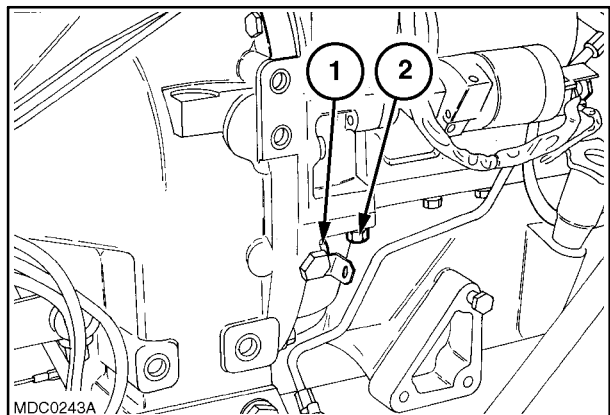
31. Remove the front axle, complete with support, tanks, radiator and air filter.



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32. Unscrew the bolt (2) accessing the Allen screw (1) (on both sides).

33. Unscrew all of the clutch casing - engine bolts and detach the engine.



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