



NEW HOLLAND



TD60D - TD70D - TD80D - TD90D - TD95D MODEL TRACTORS SERVICE MANUAL

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S E R V I C E

ENGINE**Removal - Installation (Operation 10 001 10)****⚠ DANGER ⚠**

Lift and handle all heavy parts using suitable lifting equipment.

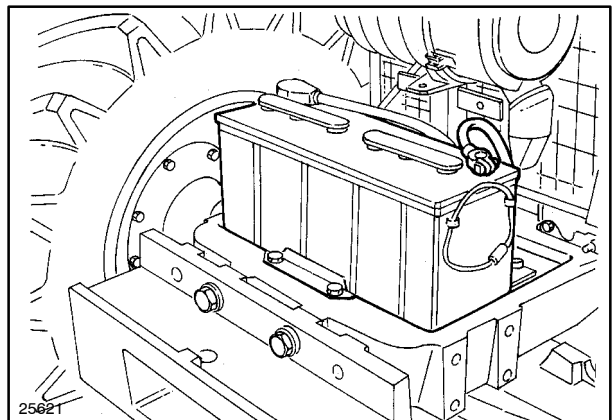
Make sure that assemblies or parts are supported by means of suitable slings and hooks.

Check that no one is in the vicinity of the load to be lifted.

⚠ WARNING ⚠

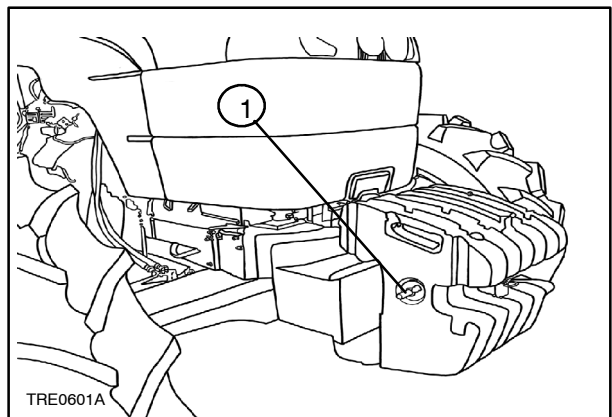
Always use suitable tools to align holes in parts.
NEVER USE FINGERS OR HANDS.

1. Disconnect the battery negative cable.
2. Drain oil from the transmission/gearbox.
3. Drain the cooling system.



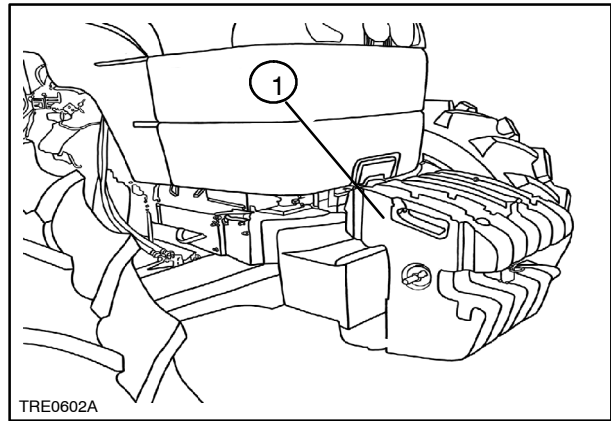
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4. Unscrew the nut (1) from the weight retaining pin.



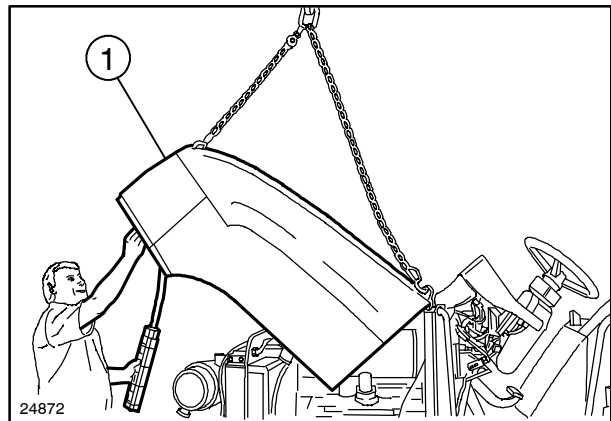
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5. Remove the weights (1) from the front support.



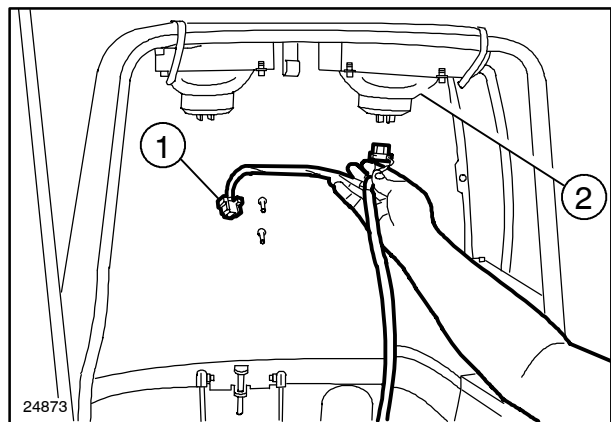
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6. Remove the exhaust pipe, attach lifting chains to the bonnet (1) and attach the chain to the hoist.



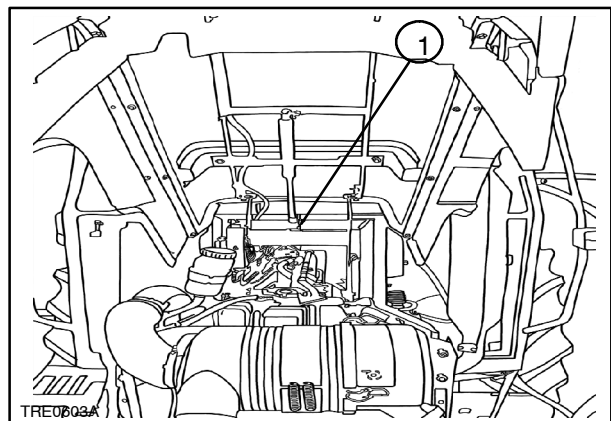
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7. Disconnect the electrical leads (1) from headlamps (2).



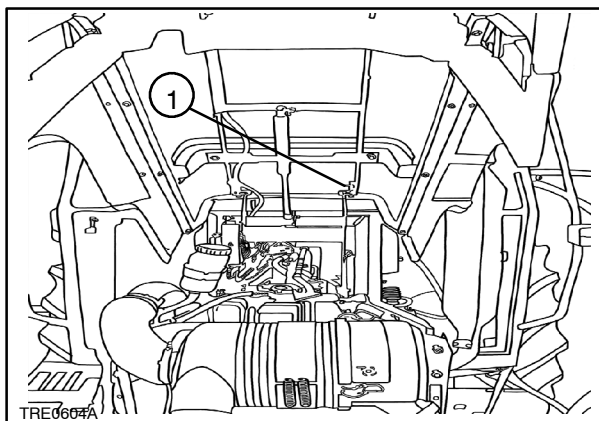
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8. Detach the gas struts (1) from the bonnet.



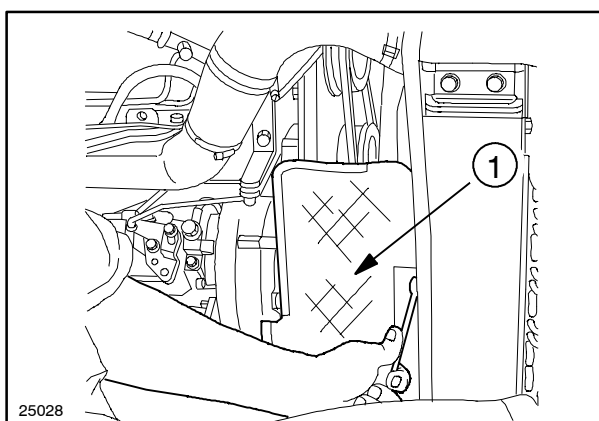
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9. Remove the four bonnet hinge bolts (1) and lift the bonnet clear.



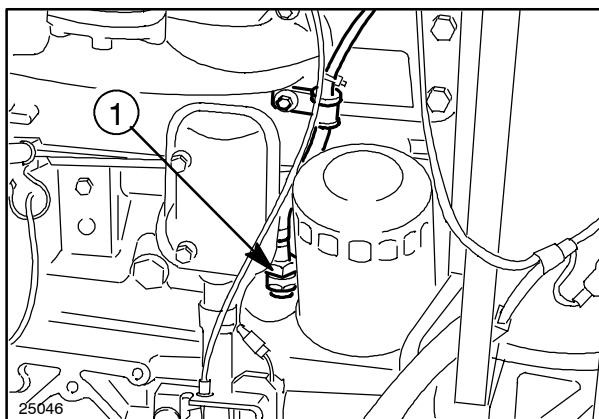
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10. Remove the wire mesh guard (1) from right-hand side of the fan.



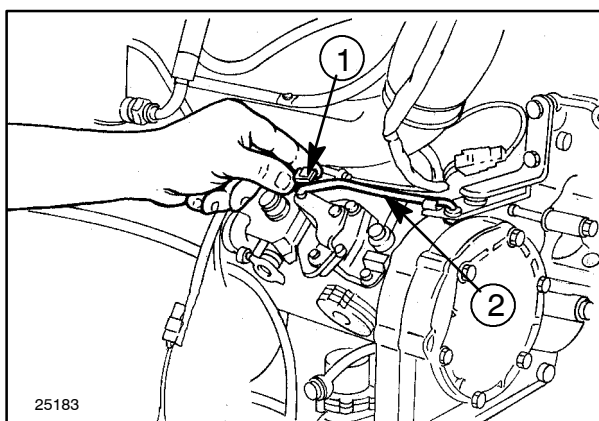
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11. Disconnect the tachometer cable (1) and remove the retaining ring and sleeve.



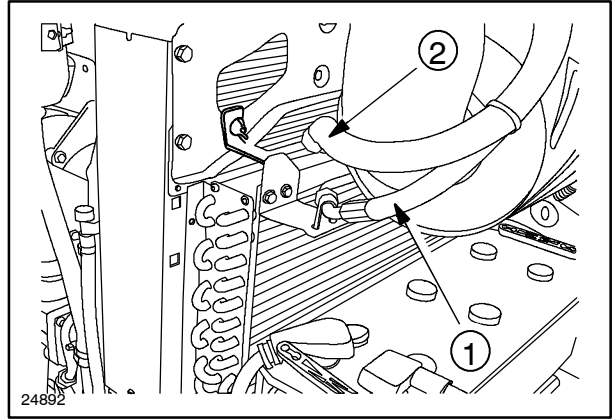
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12. Detach the throttle control spring (1) and remove the throttle lever (2).



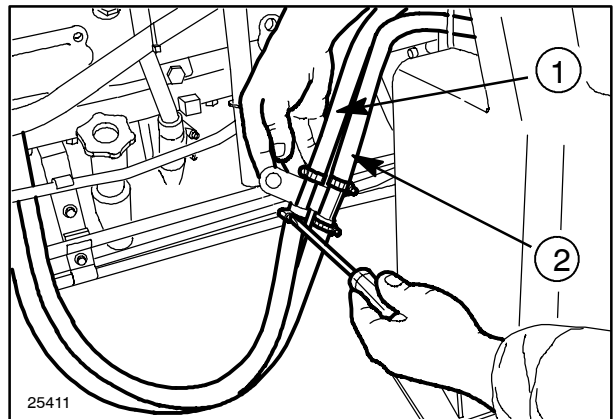
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13. After recovering the air-conditioner gas (HRC 134a) with the **recovery and recycling station 294048**, disconnect the pipes of the cab air conditioner (1) and (2).



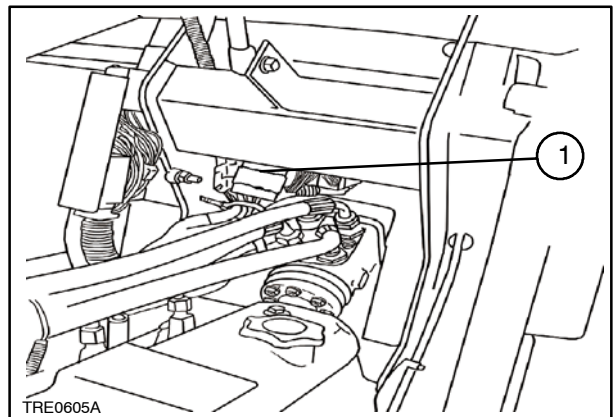
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14. Detach the cab heating pipes (1) and (2).



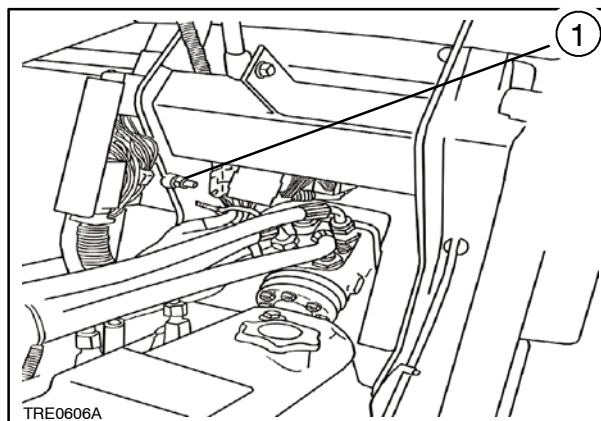
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15. Disconnect the power steering hoses (1).



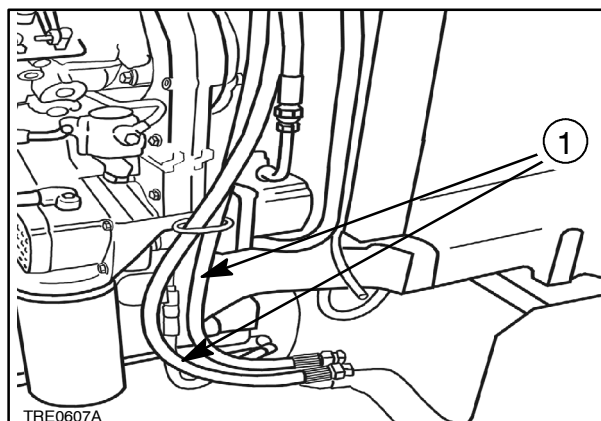
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16. Disconnect the electrical connectors. Detach the fusebox by unscrewing the nut (1).



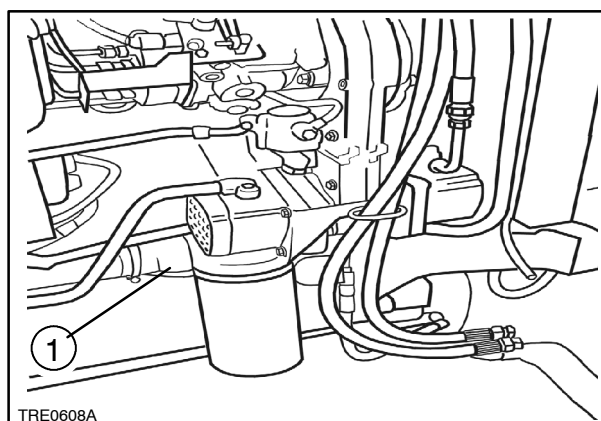
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17. Disconnect the delivery and return lines (1) to the power steering cylinders.



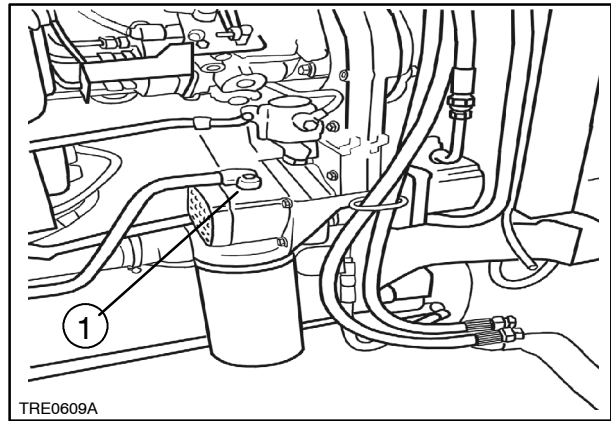
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18. Remove the hose (1) from the lift pump suction pipe.



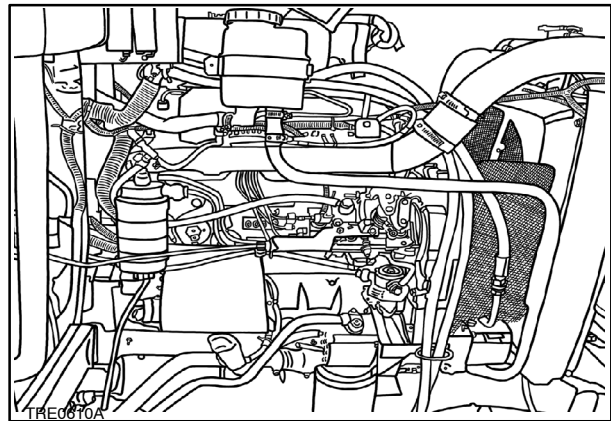
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19. Detach the lift pump delivery pipe (1).



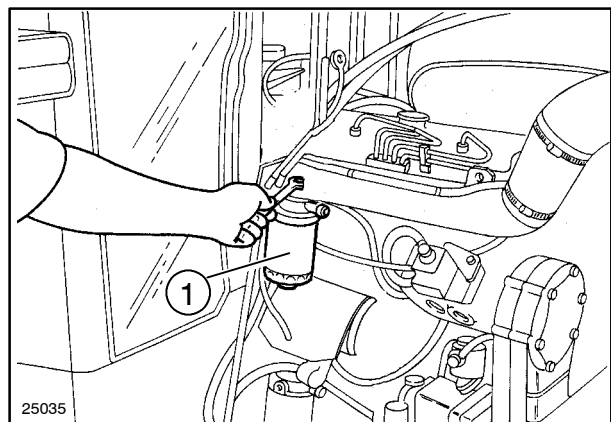
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20. Detach the fuel pipes from the injection pump and fuel pump and the pipe connecting the tank to the sedimentation filter.



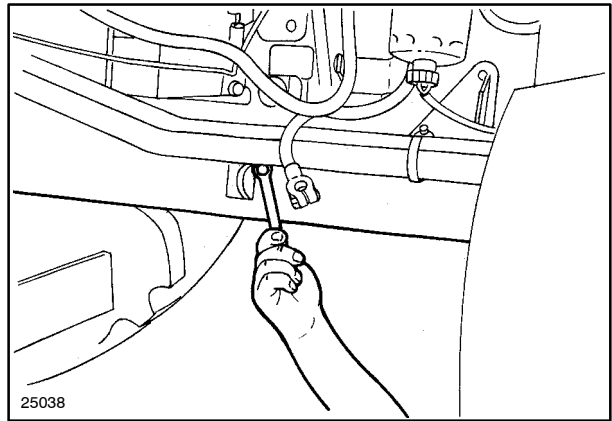
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21. Remove the fuel filter (1) complete with its support.



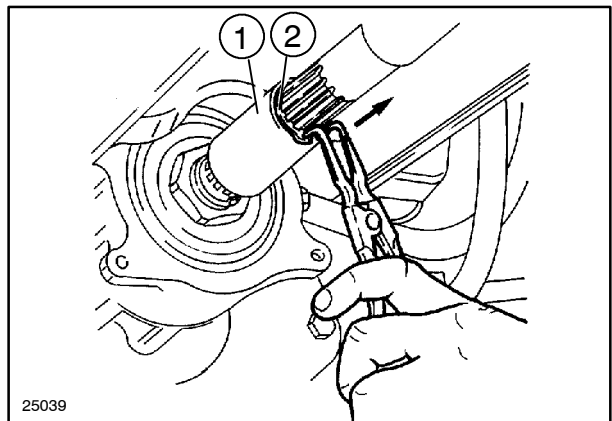
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22. Remove the front, centre and rear retaining bolts from the front axle drive shaft guard and remove the guard.



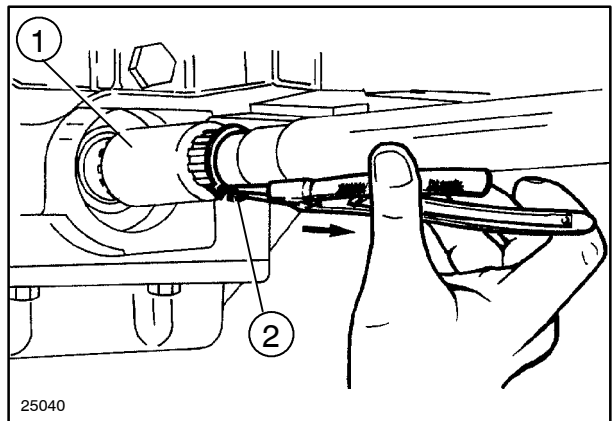
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23. Remove the circlip (2) from the front of the prop shaft and slide the sleeve (1), in the direction shown by the arrow, until it is free of the splines on the front axle.



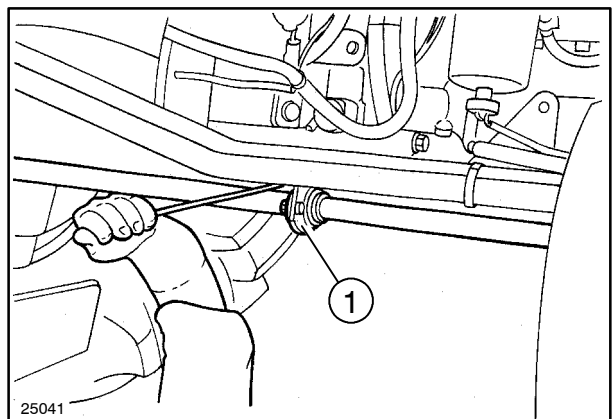
30

24. Remove the circlip (2) from the rear of the prop shaft and slide the sleeve (1), in the direction shown by the arrow, until it is free of the splines on the crankshaft.



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25. Remove the middle support bolts (1) from the propeller shaft and remove the shaft complete with support.



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