



A34636 Auxiliary hydraulic outlet rear 1-function, Avant 400

- With this instruction 1-function auxiliary hydraulic outlet can be assembled on a Avant 400 series loader
- This is a retrofit instruction

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- Before assembling make sure that you find all of the components listed below in your retrofit kit
 - 65099 Solenoid valve
 - 64190 Quick attachment coupling
 - 74769 x2 Locking ring
 - 64134 x2 Elbow fitting 90°
 - A49452 Wire harness for solenoid valve
 - 65109 Switch for solenoid valve
 - 72139 x2 Hexagonal nut M6x80
 - 74768 x2 Washer M6
 - 71681 Washer M6
 - 72318 x2 Hexagonal nut M6
 - 65133 Cover
 - A411636 x2 Hydraulic hose
 - 64042 x3 Basic fitting
 - 64068 Elbow fitting 90°
 - 74411 Plug
 - 64041 Basic fitting
 - A47918 Hydraulic hose

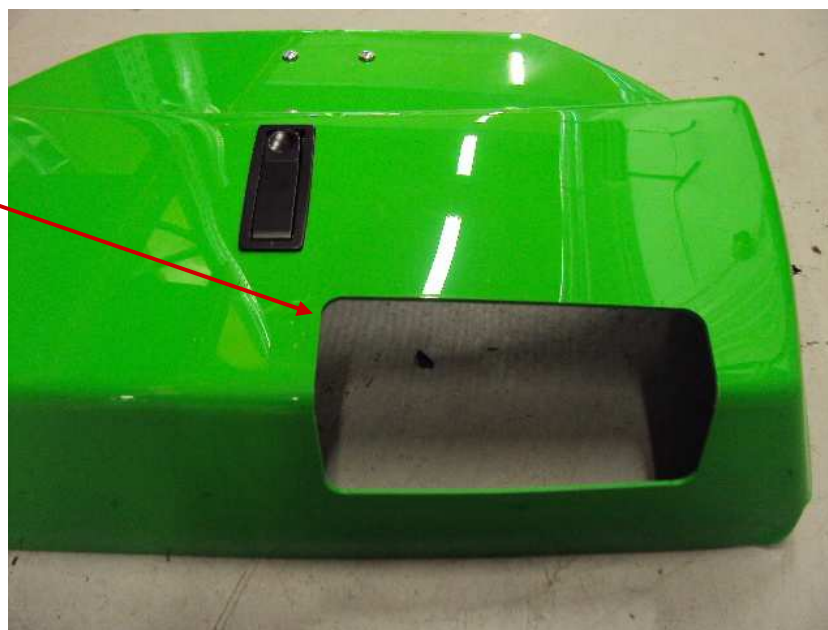


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- Remove loaders rear covers and right side cover
- Before removing any hoses wash the loader to avoid contaminating hydraulic system

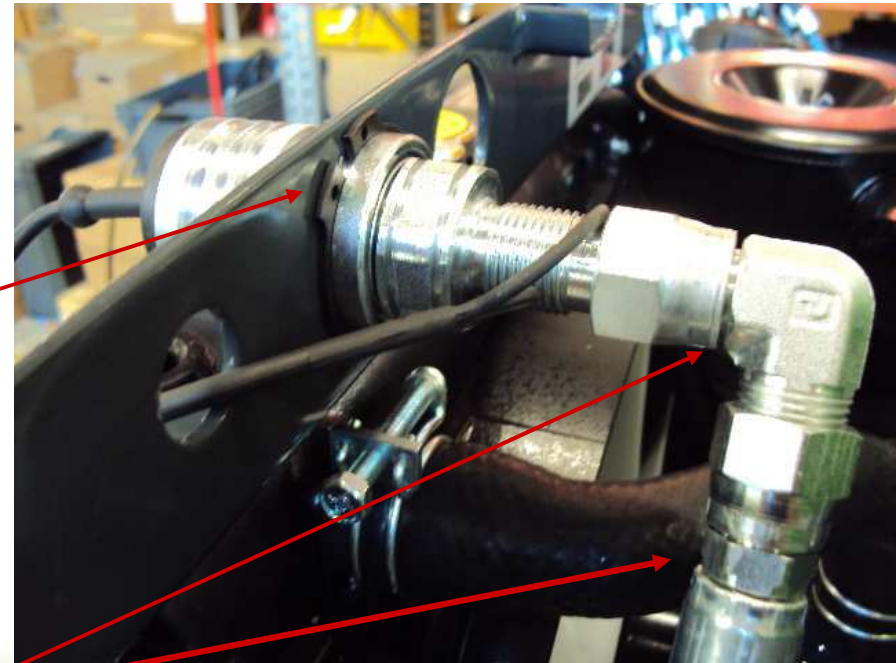
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- Cut to motor cover a hole
- Cut the cover with dremel or similar cutter



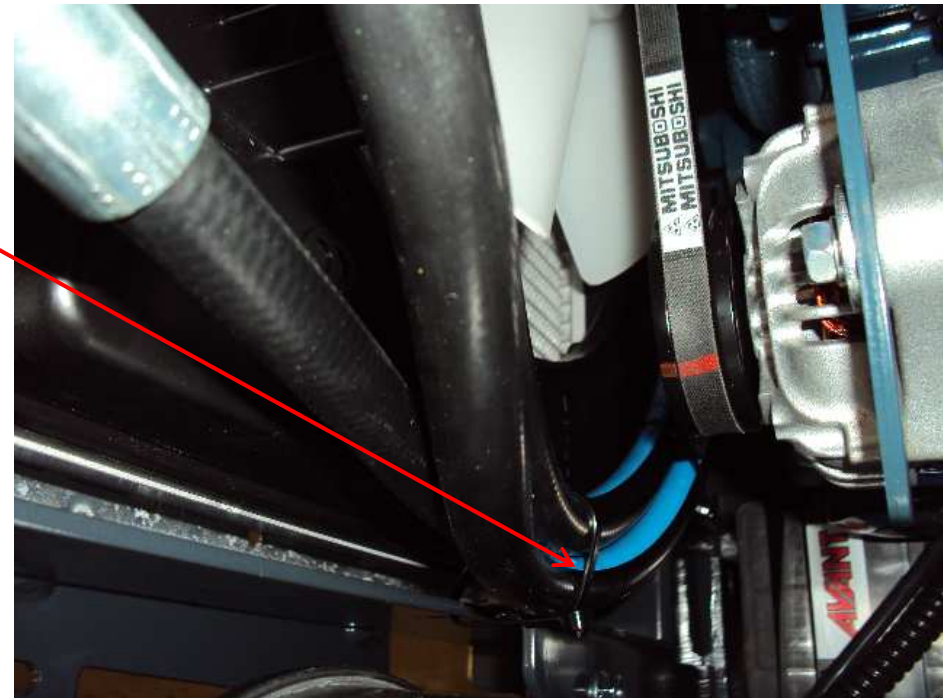
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- Attach the auxiliary hydraulic outlet quick coupling to loaders cooler support bracket
- Bracket has precut holes for these couplings
- Quick coupling is attached to bracket with locking rings
- Before attaching the coupling to loader attach one locking ring to coupling and put it on it's place
- After the coupling is on it's place attach second locking ring wich secures coupling on it's place
- When coupling is on it's place attach 90 degree elbow fitting and a hose to it



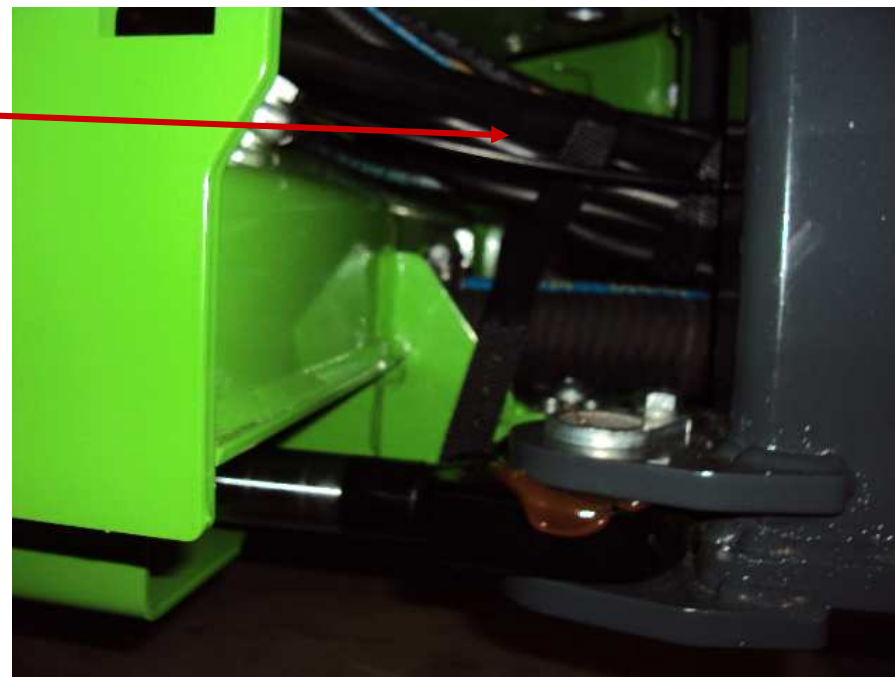
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- Attach the hose to engine coolers frame with zip tie
- Hoses won't touch the fan nor the motor
- When they are at the bottom of frame route them to left side behind the motor
- The rear frame has a bracket and the hoses go trough that bracket



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- Pull the hose from female coupling trough the middle joint
- Loose the fabric belt to route the hose correctly



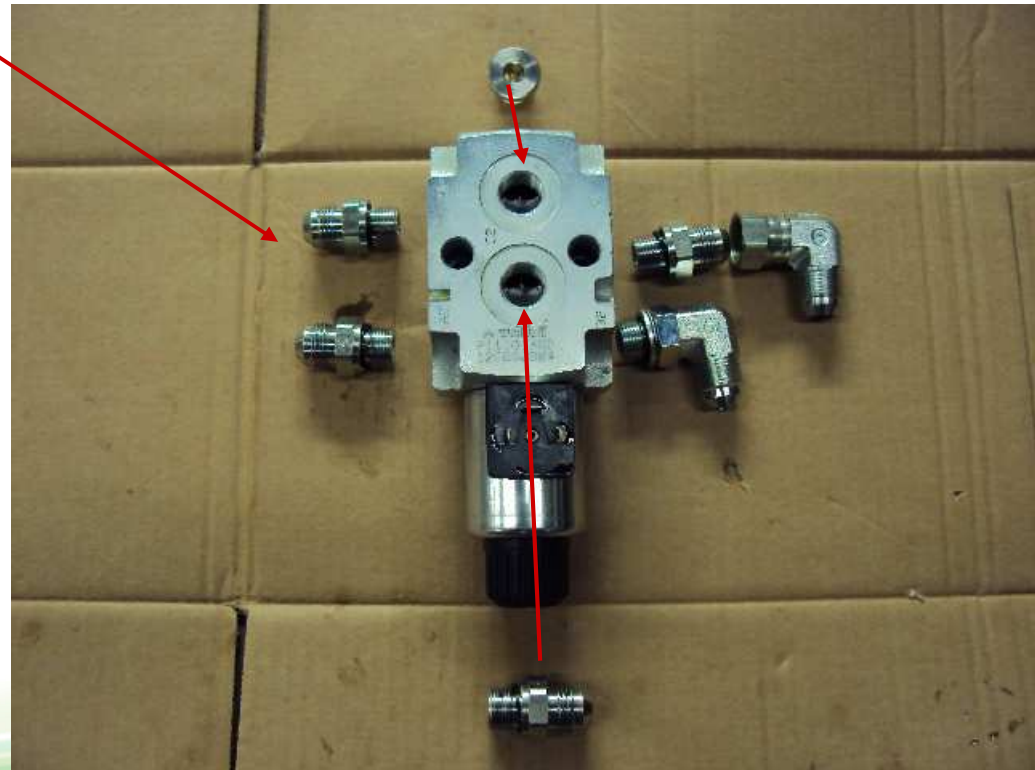
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- Pull hose trough the hole in the front frame and bring them to hydraulic oil cooler



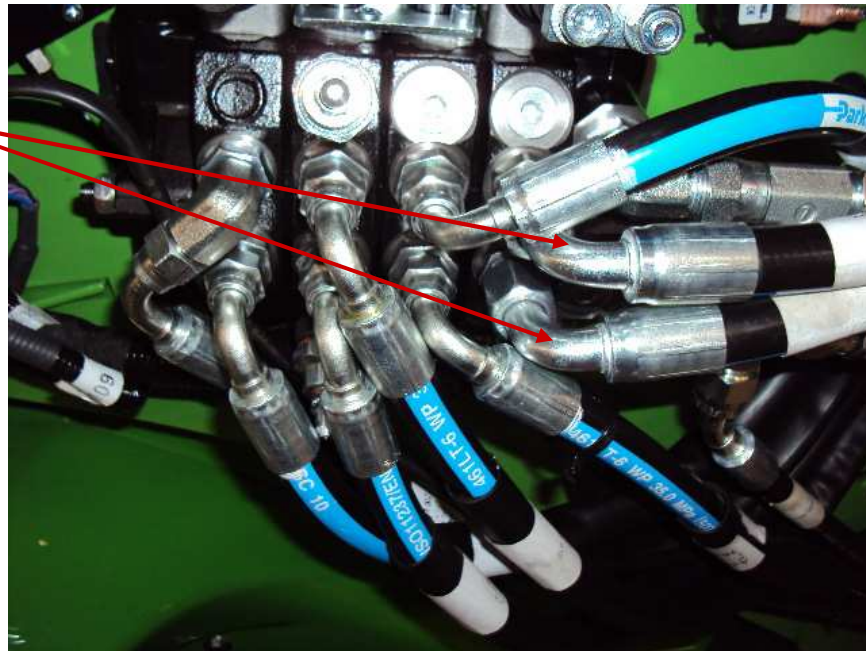
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- Attach fittings for auxiliary hydraulic control valve



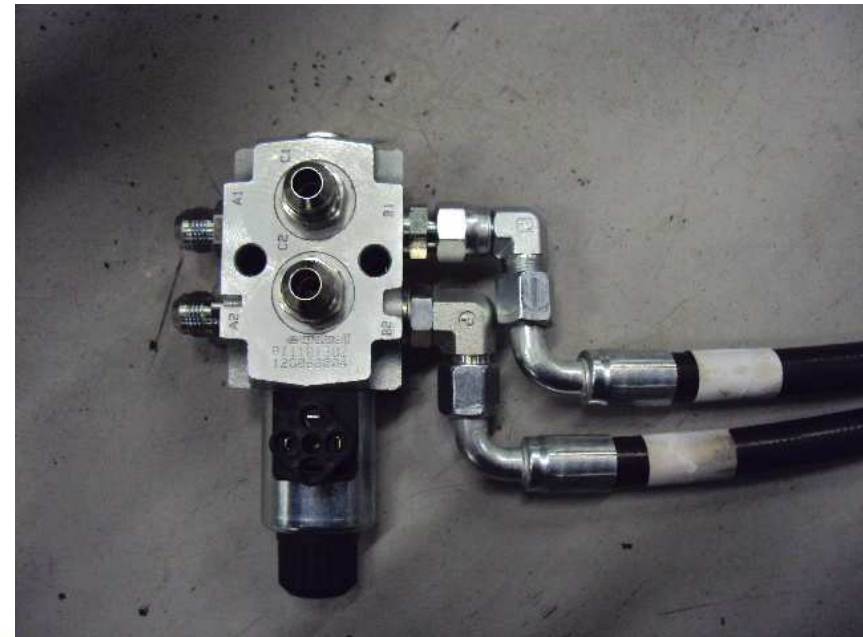
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- Remove hoses from control valves auxiliary hydraulic control block
- Route them under the hydraulic oil cooler



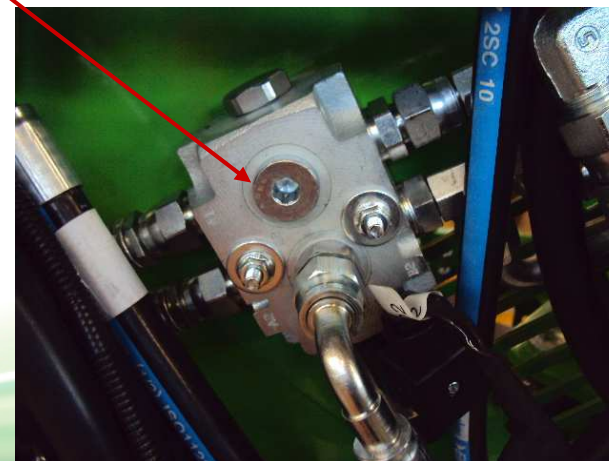
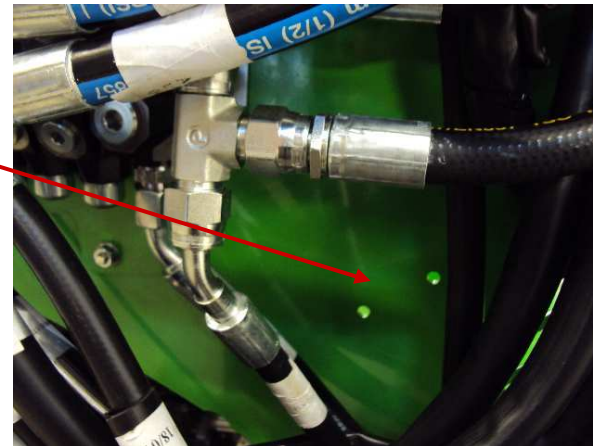
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- Hoses which go to faster multiconnector are attached to control valve



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- Right side plate has holes for this valve
- Attach the valve on it's own place between the oil cooler and the control valve
- Valves attaching point and valve on it's place

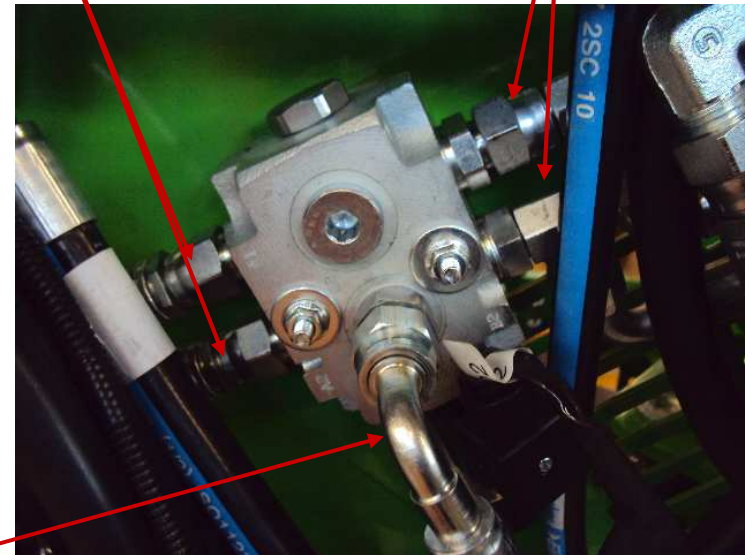


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- Attach 2 new hoses from control valve to solenoid valve
- New hoses will be attached from control valve valves top coupling to solenoid valves top coupling and from lower coupling to lower coupling
- Rear outlet hose will be attached on top of the valve

Hoses to control valve
A411636

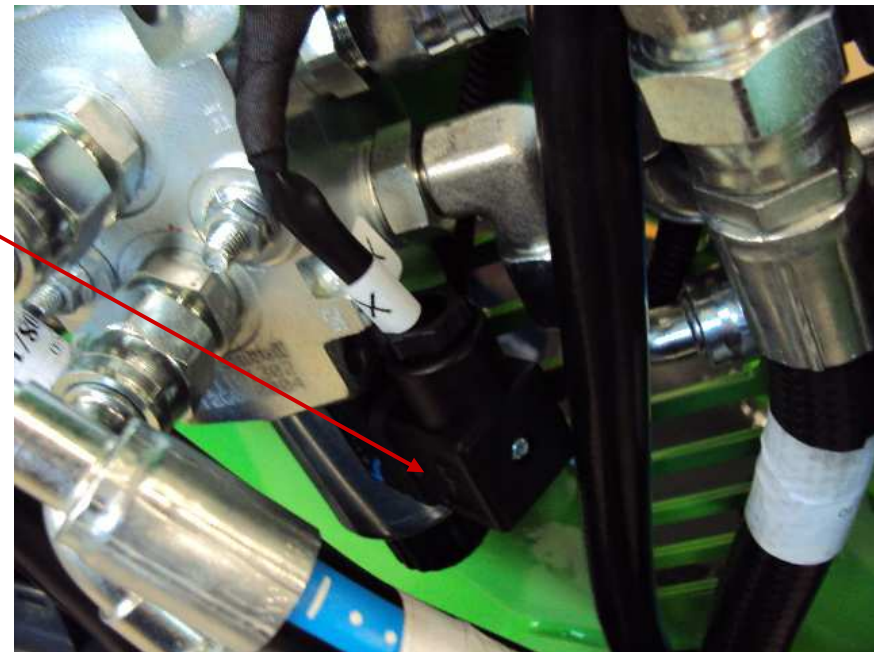
Hoses to faster multiconnector



Rear outlet hose
A411637

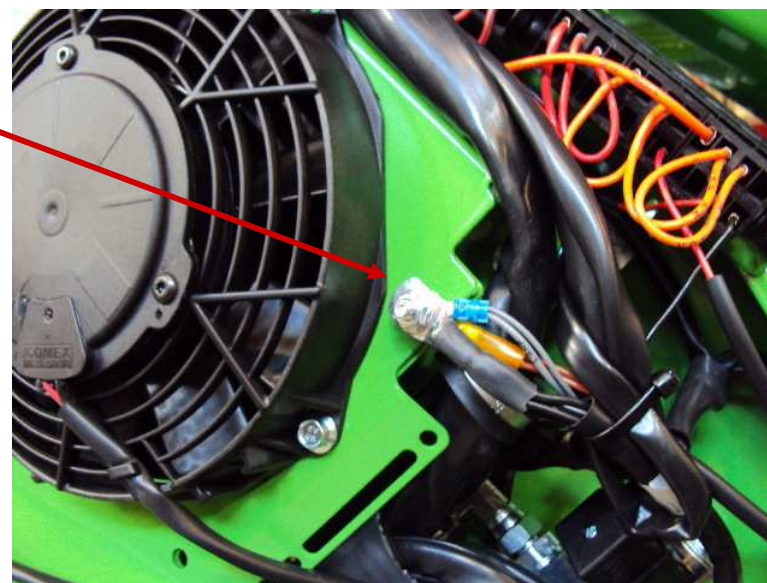
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- Remove the cover from electric coupling
- Attach the wire harness for selecting rear or front auxiliary hydraulic outlet



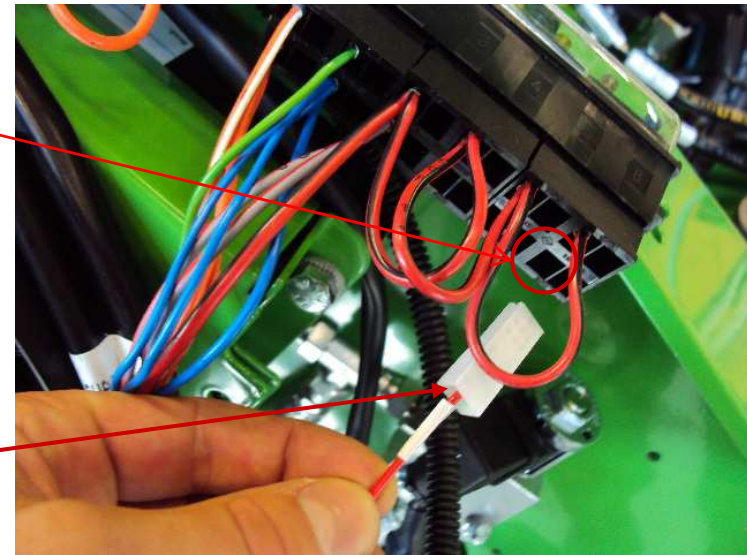
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- Attach the wire harnesses grounding wire to loaders front frame grounding point



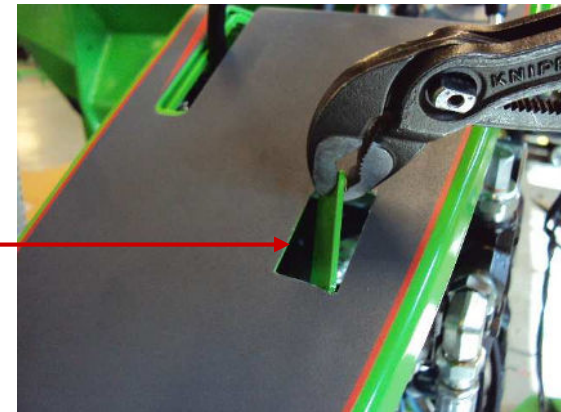
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- Wire harnesses fuse wire will be attached to fuse boxes lowest box
- Fuse is 25A
- Make sure to connect to the fused side of the connection bar
- If the wire has this plastic cover remove it and attach it to fuse box



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- Control switch is attached to panel
- With stanley knife cut the decal and with pliers remove the precutted piece
- Control switch will be pressed on it's place



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- When everything is attached test the system to see if there is any leaks
- This point the leaks are easier to notice and tighten the couplings
- When everything is ok attach removed covers back to loader