



## A34632 Auxiliary hydraulic outlet rear 2-function, Avant 400

- With this instruction 2-function auxiliary hydraulic outlet can be assembled on a Avant 400 series loader
- This is a retrofit instruction

## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- Before assembling make sure that you find all of the components listed below in your retrofit kit
- 65099 Control valve
- 64190 x2 Quick coupling
- 64189 Quick coupling male
- 74769 x4 Locking ring
- 64134 x4 Elbow fitting 90°
- A47917 Hydraulic hose
- 73754 Cover
- A49452 Wire harness
- 65109 Switch
- 73753 Cover
- 72139 x2 Hexagonal nut M6x80
- 74768 x2 Washer M6
- 71681 x2 Washer M6
- 72318 X2 Hexagonal nut M6
- 65133 Cover
- A411636 x2 Hydraulic hose
- 64042 x3 Basic fitting
- 64068 Elbow fitting 90°
- A47918 x2 Hydraulic hose
- 64041 x2 Basic fitting

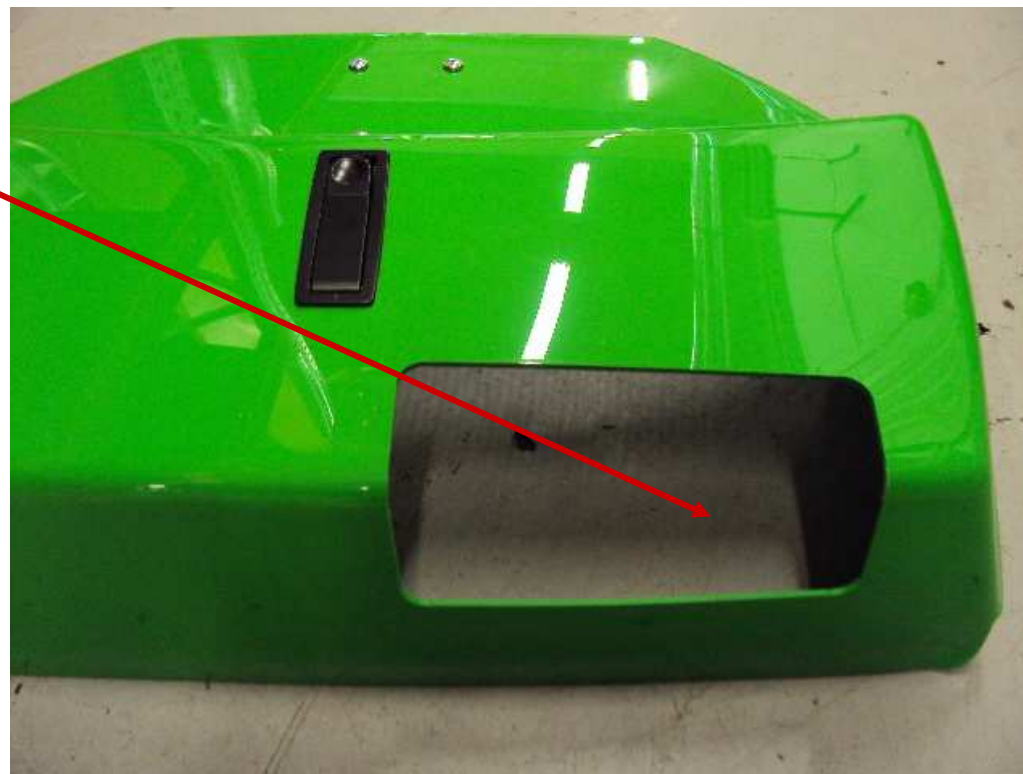


## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

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

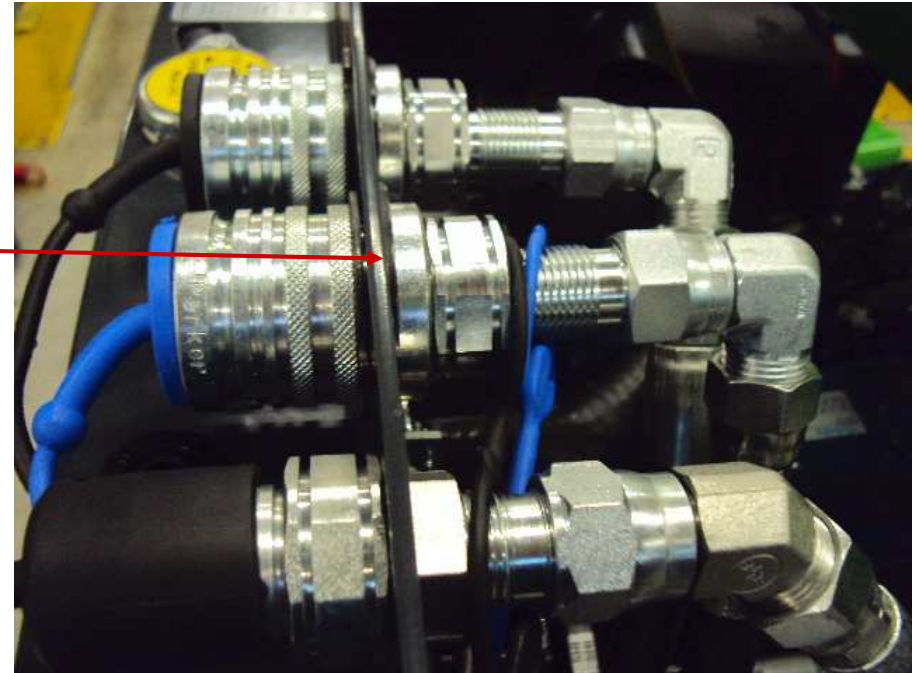
## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

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



## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

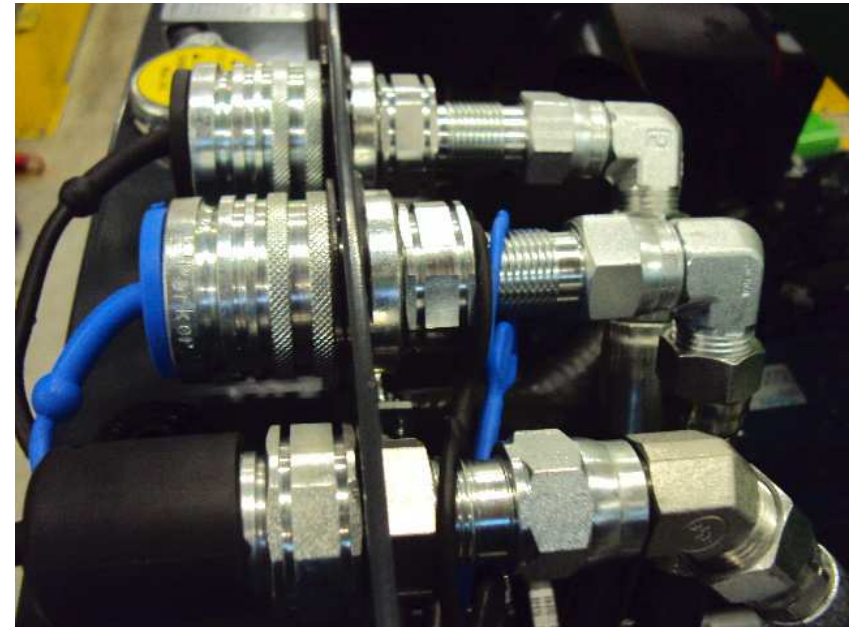
- Attach the auxiliary hydraulic outlet quick coupling to loaders cooler support bracket
- Quick couplings is attached to bracket with locking rings
- Before attaching the couplings to loader attach one locking ring to coupling and put it on it's place
- After the coupling is on it's place attach second locking ring wich secures coupling on it's place
- Male coupling are attached to loader with hexagonal nut wich comes with coupling





## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- Attach 90 degree elbow fitting to female couplings and 45 degree elbow fitting to male coupling to align the hoses correctly
- Hydraulic hoses are routed straight to bottom of the rear frame
- When they are at the bottom you need to route them to left side behind the motor
- The rear frame has a bracket and the hoses go trough that bracket



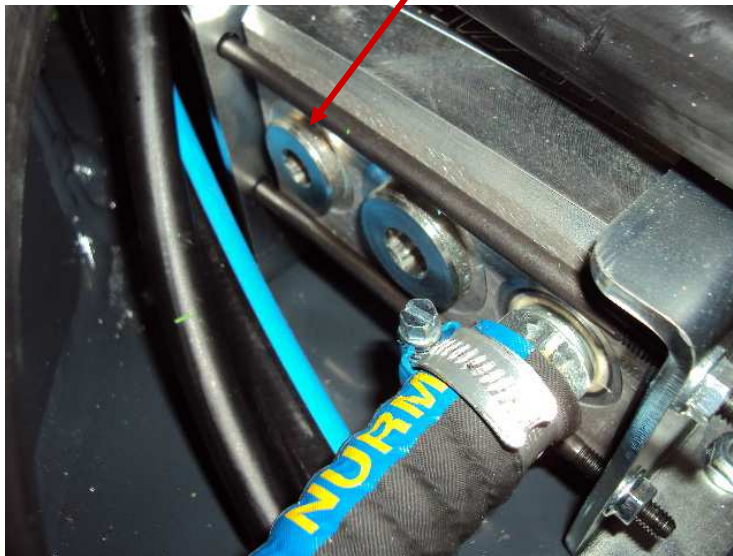
## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- 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



## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- Replace plug from manifold with basic fitting to attach the outlet tank line to it





## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- Pull the hoses from female couplings trough the middle joint
- Loose the fabric belt to route the hoses correctly



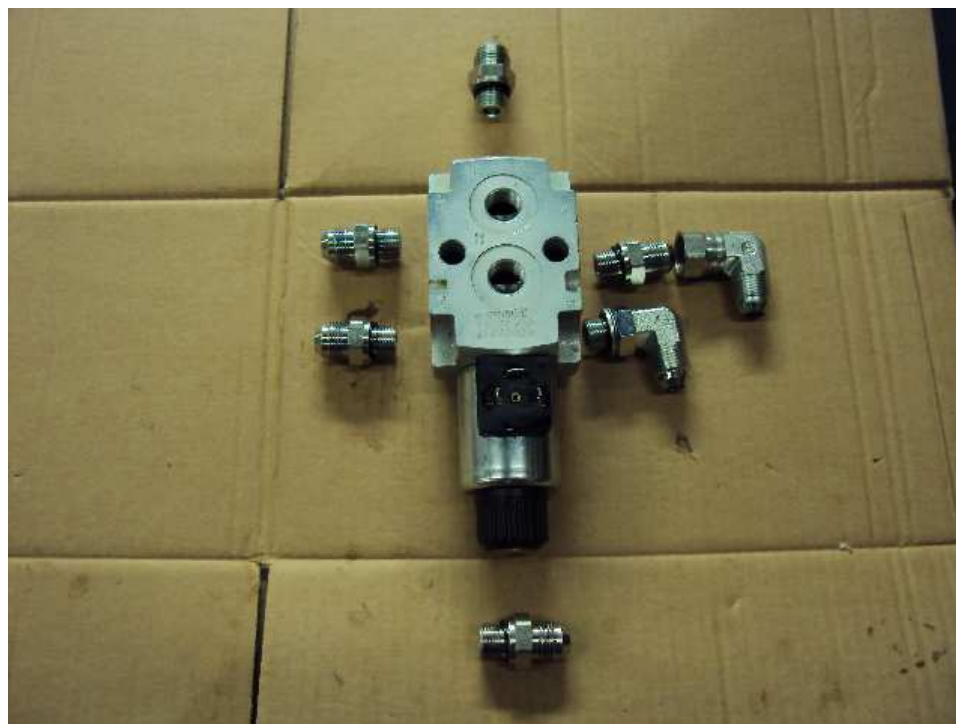
## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

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



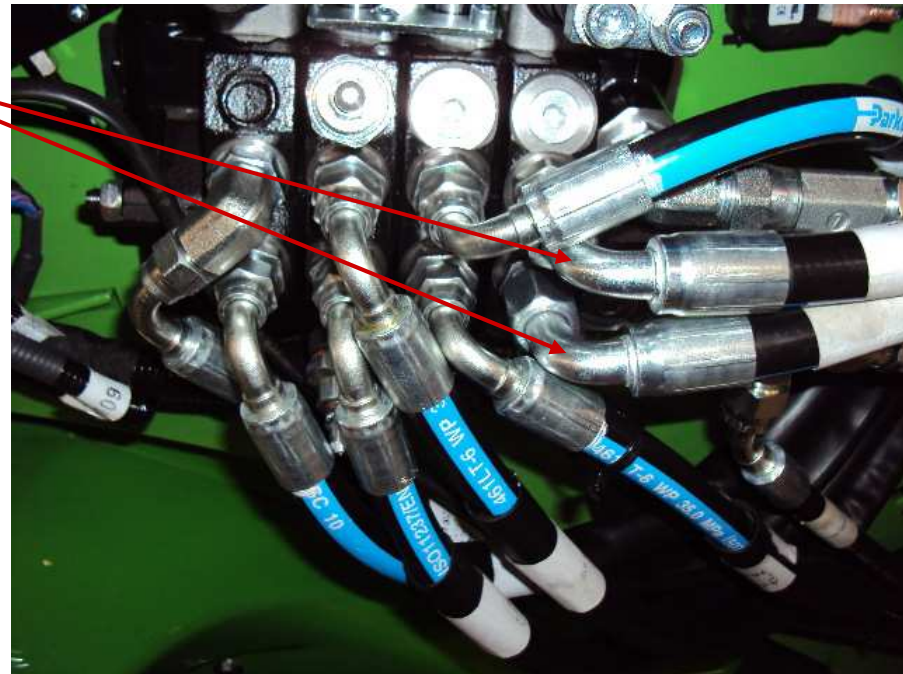
## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- Attach fittings for auxiliary hydraulic control valve



## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

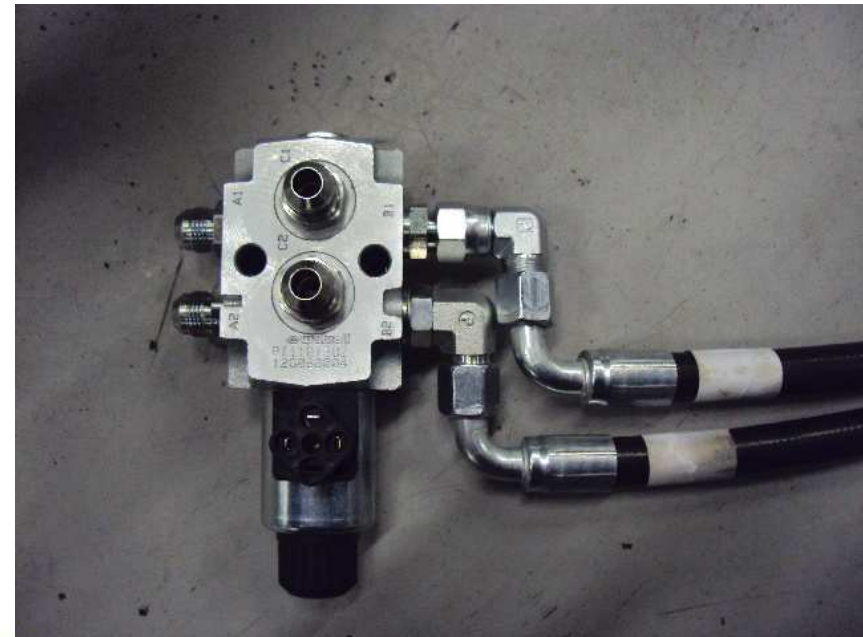
- Remove hoses from control valves auxiliary hydraulic control block
- Route them under the hydraulic oil cooler





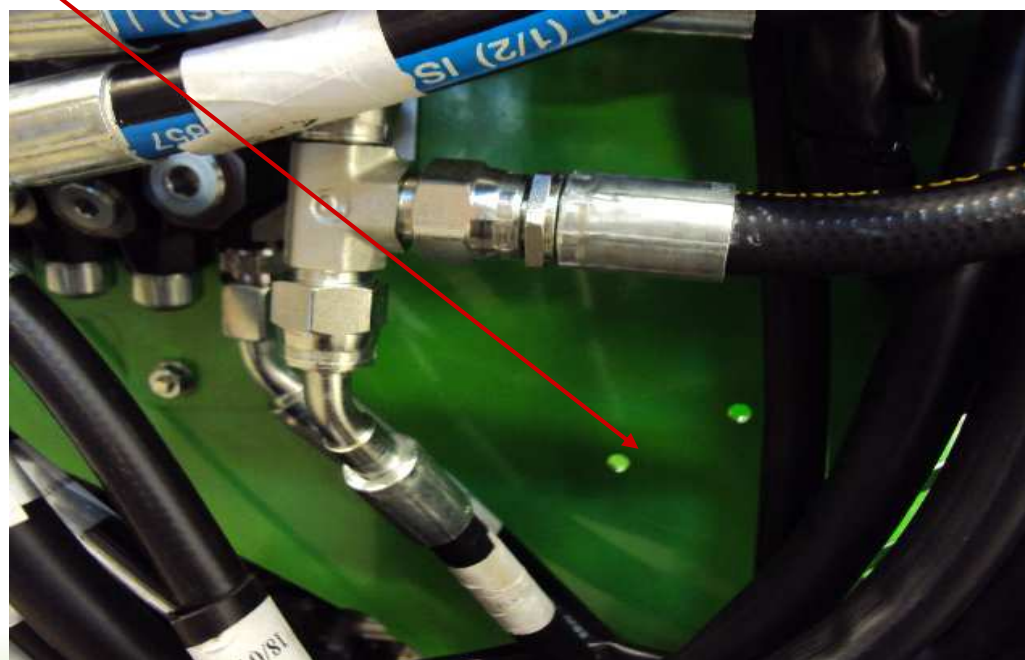
## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- Hoses which go to faster multiconnector are attached control valve



## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- Attach the valve on it's own place between the oil cooler and the control valve



## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

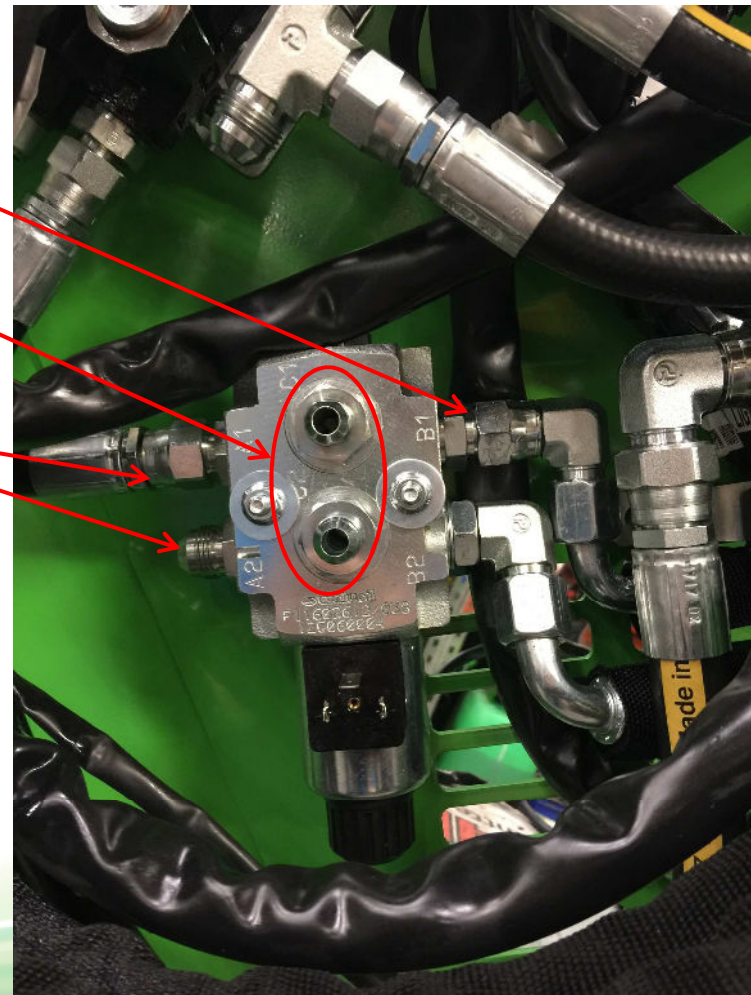
- Right side plate has holes for this valve and attach it so that the electric coupling will be face downwards





## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

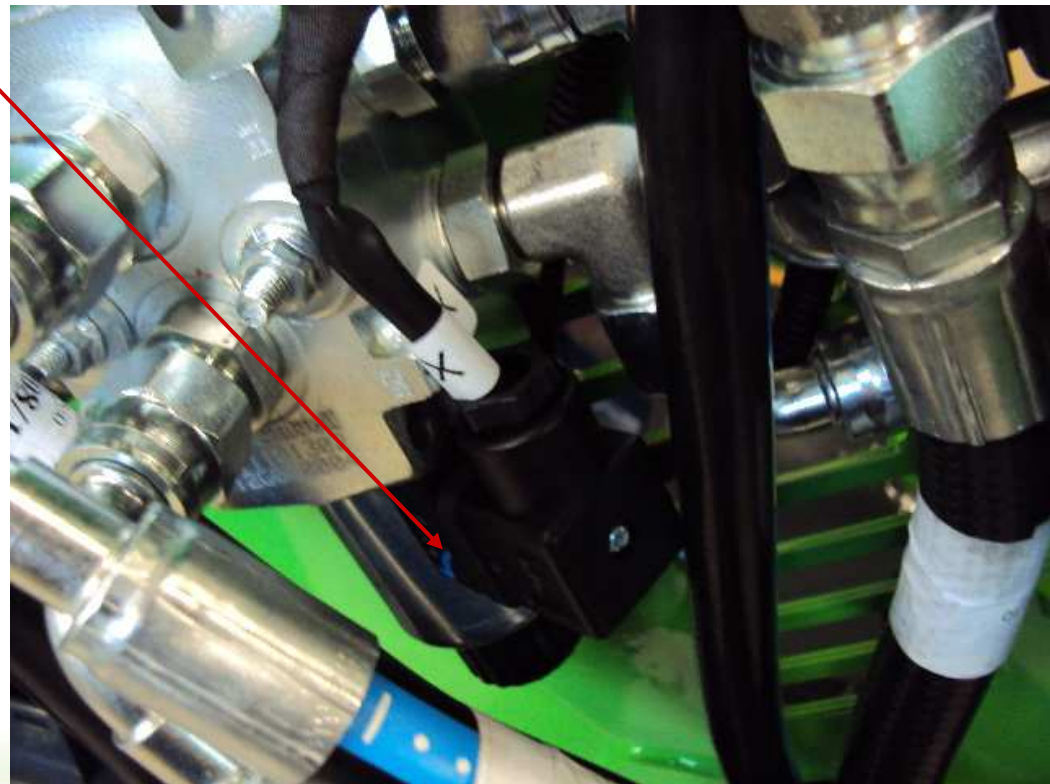
- Attach the booms hoses to it
- Rear outlet hoses will be attached on top of the valve p/n A411637
- Attach 2 new hoses from control valve to solenoid valve p/n A411636
- New hoses will be attached from control valves top coupling to solenoid valves top coupling and from lower coupling to lower coupling





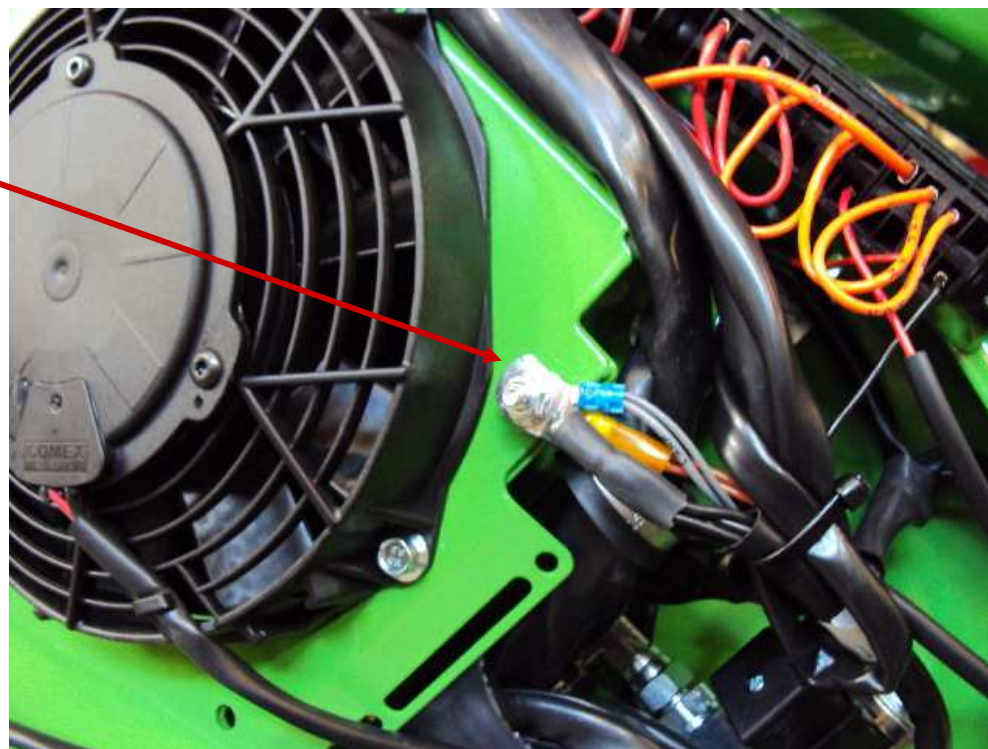
## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

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



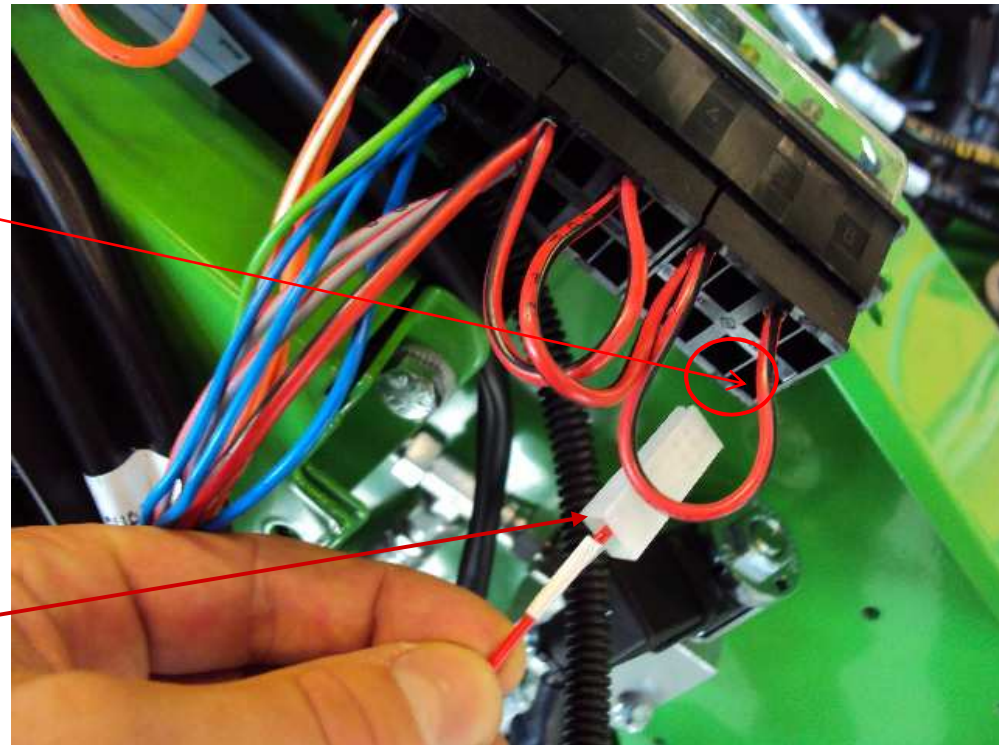
## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- Attach the wire harnesses grounding wire to loader grounding point



## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

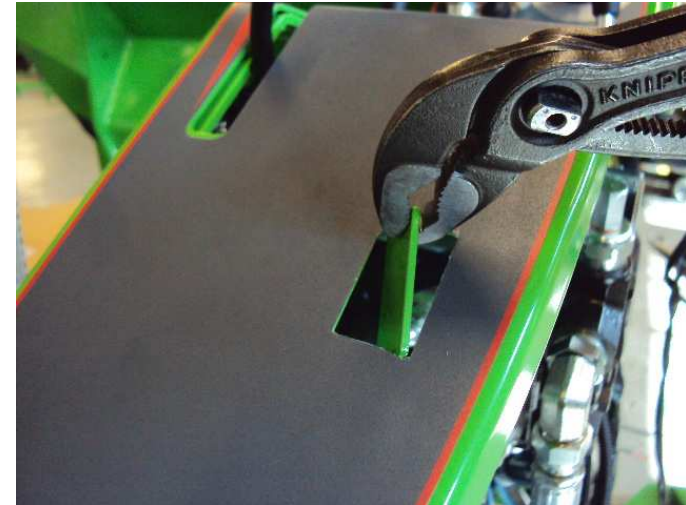
- Wire harnesses fuse wire will be attached to fuse boxes lowest box as in the picture
- Fuse is 25A
- Make sure to connect to the fused side of the connection bar
- If the wire has this plastic cover remove it and attach it to fuse box





## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- 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







## A34632 Auxiliary hydraulic rear outlet 2-function, Avant 400

- 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