

## A35926 Rear auxiliary hydraulics outlet, double acting, Avant R20-28

- With this instruction double acting rear auxiliary hydraulic outlet can be assembled on a Avant R20-28 loader
- This is a retrofit instruction

## A35926 Rear auxiliary hydraulics outlet, double acting, Avant R20-28

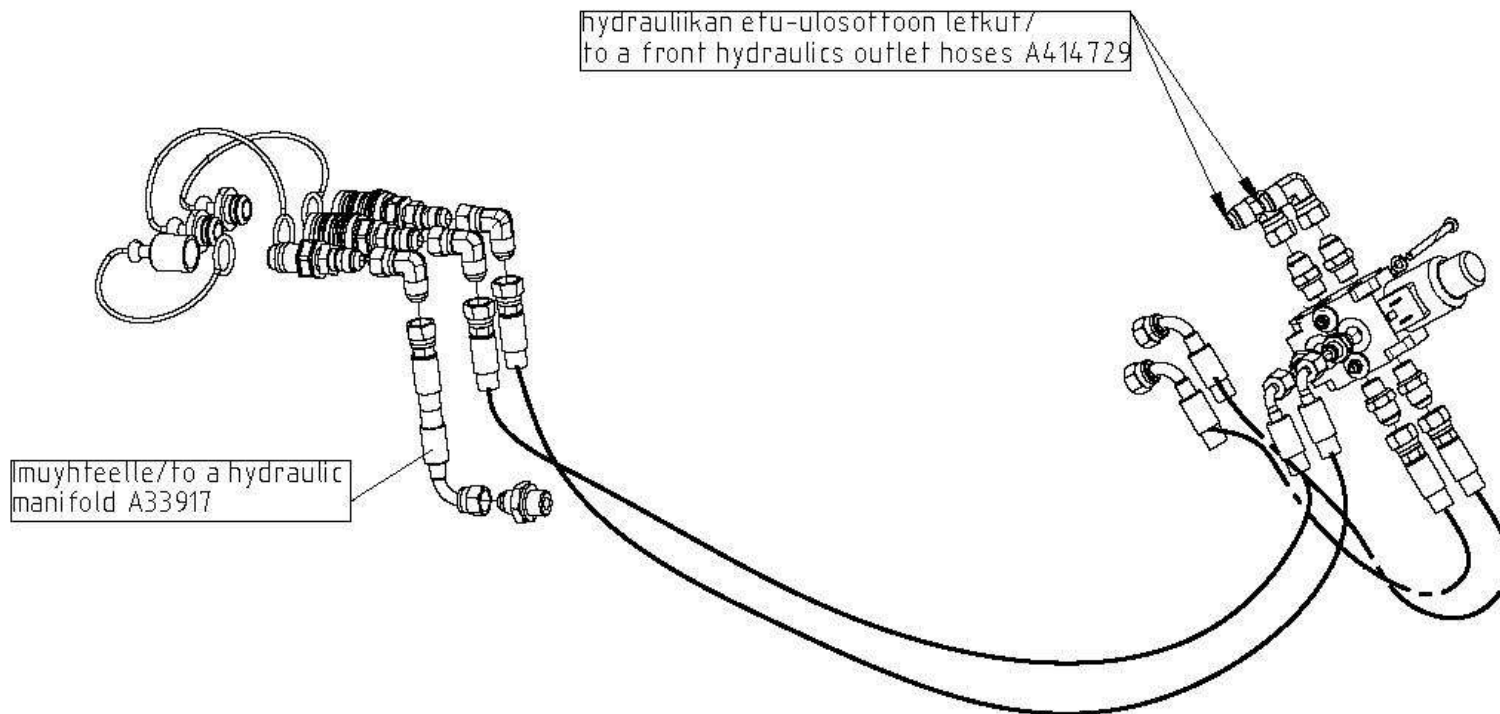
- Before assembling make sure that you find all of the components listed below in your retrofit kit
- 65099 Selector valve
- 64041 x2 Basic fitting
- 64190 x2 Quick attachment fitting
- 64189 Quick attachment male
- 74769 x4 Locking ring
- 64134 x5 Elbow fitting 90°
- A47918 x2 Hydraulic hose
- 73754 Cover
- A49452 Wire harness for selector valve
- 73753 Cover
- 8 x2 Hexagonal screw M6x80
- 74768 x2 Washer M6
- 71681 x2 Washer M6
- 72318 x2 Hexagonal nut M6
- 65133 Cover
- 64042 x4 Basic fitting
- 65278 Switch
- A414861 Hydraulic hose
- 64058 Basic fitting
- A47730 x2 Hydraulic hose

## A35926 Rear auxiliary hydraulics outlet, double acting, Avant R20-28

- Remove loaders rear covers and right side cover
- When covers are removed you need to wash the valve so you don't contaminate the hydraulic system

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- 3D-model for auxiliary hydraulic outlet



## A35926 Rear auxiliary hydraulics outlet, double acting, Avant R20-28

- Pre cuttefd pieces can be removed with pliers from rear panel
- Remove the panel from loader to remove the precutted pieces



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- Female quick couplings are attached with locking rings
- Attach one locking ring to quick coupling before attaching it to loader
- When the coupling is on it's place attach the other locking ring to secure the coupling
- Attach the male coupling with nut





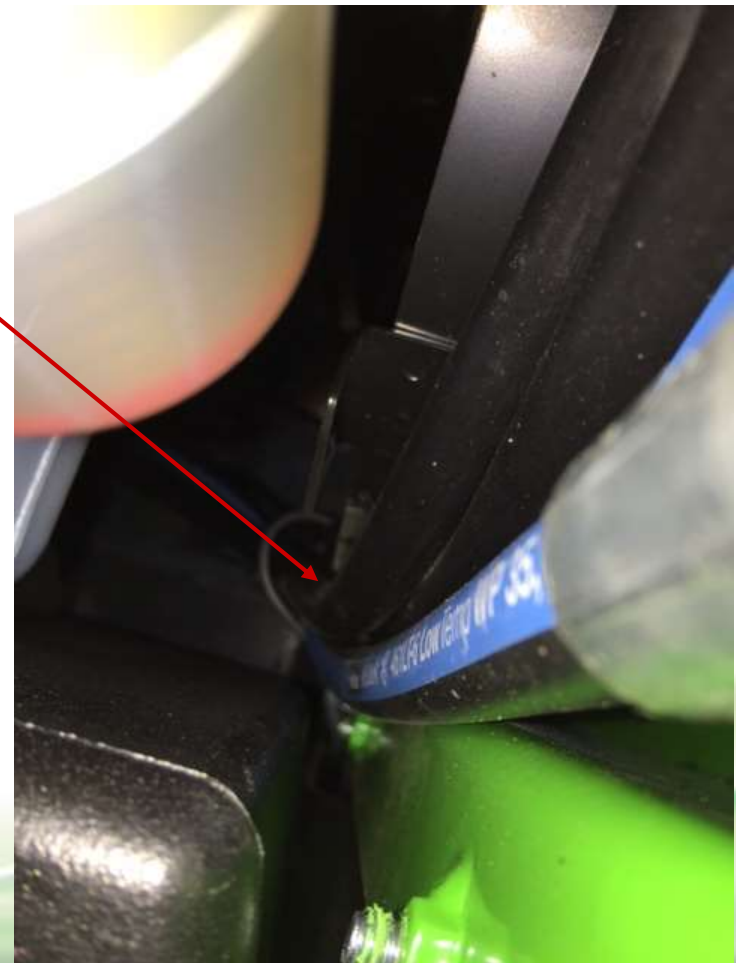
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- Attach 90 degree elbow fittings to female couplings and 45 degree elbow fitting to male coupling
- Route hoses to left side of the loader and to middle joint



## A35926 Rear auxiliary hydraulics outlet, double acting, Avant R20-28

- Attach the hoses to loaders engine cooler frame to avoid contact between the fan and the hoses





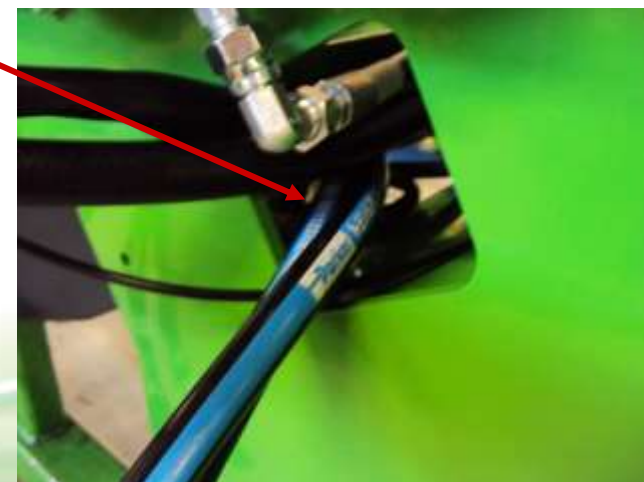
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- Remove the plug from manifold and replace it with basic fitting
- Attach the hose from male coupling to manifold



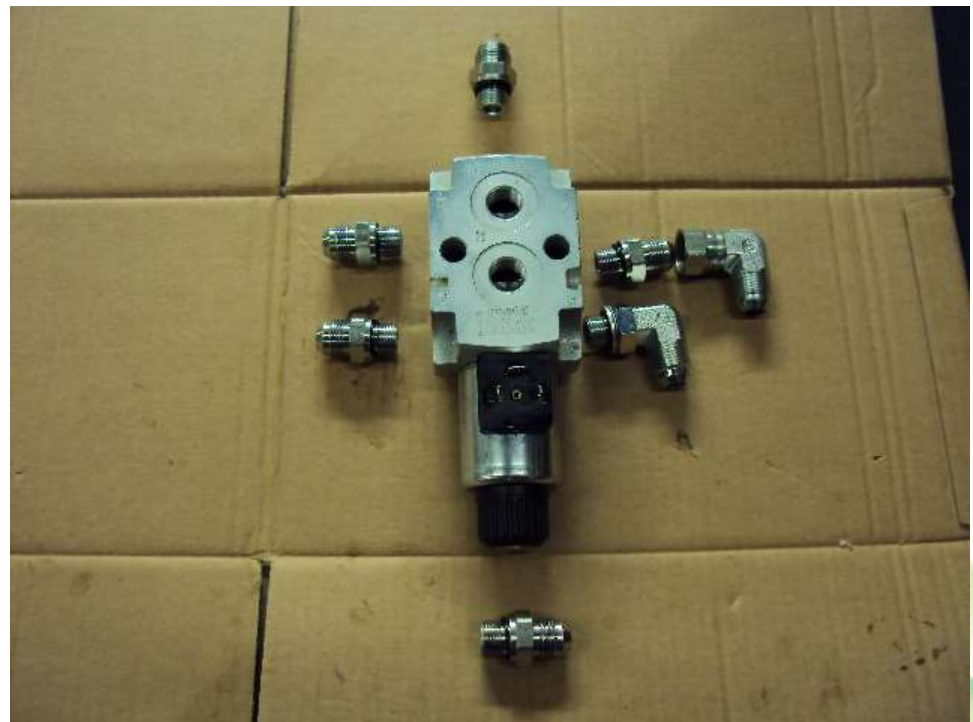
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- Fabric strap needs to be loosened to route the hoses in front of the loader
- Route the hoses from the hole under the hydraulic oil cooler



## A35926 Rear auxiliary hydraulics outlet, double acting, Avant R20-28

- Attach the fittings to selector valve





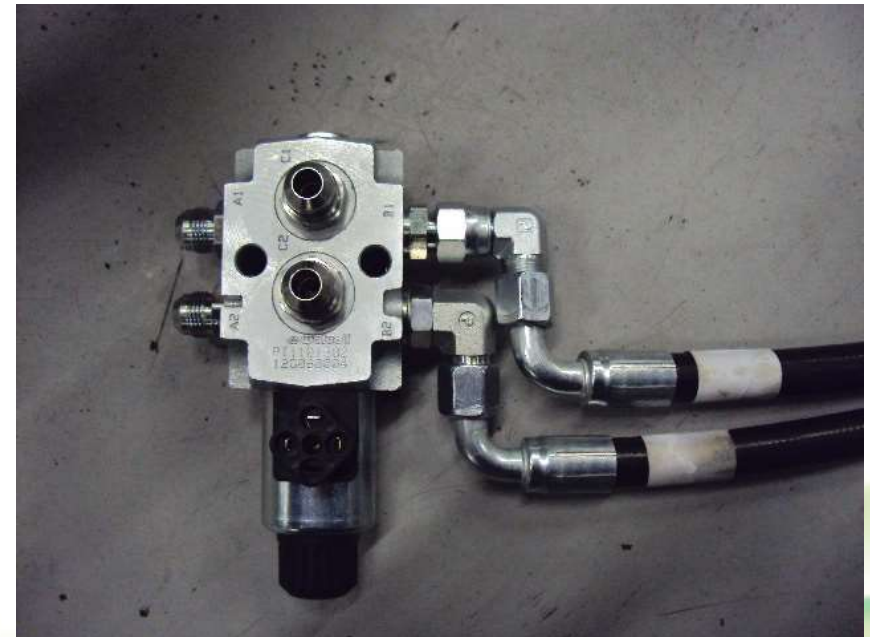
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- Remove the hoses from control valves auxiliary hydraulic block
- Route them under the hydraulic oil cooler to selector valve
- Loose the hoses from the boom to get tehmlined correctly



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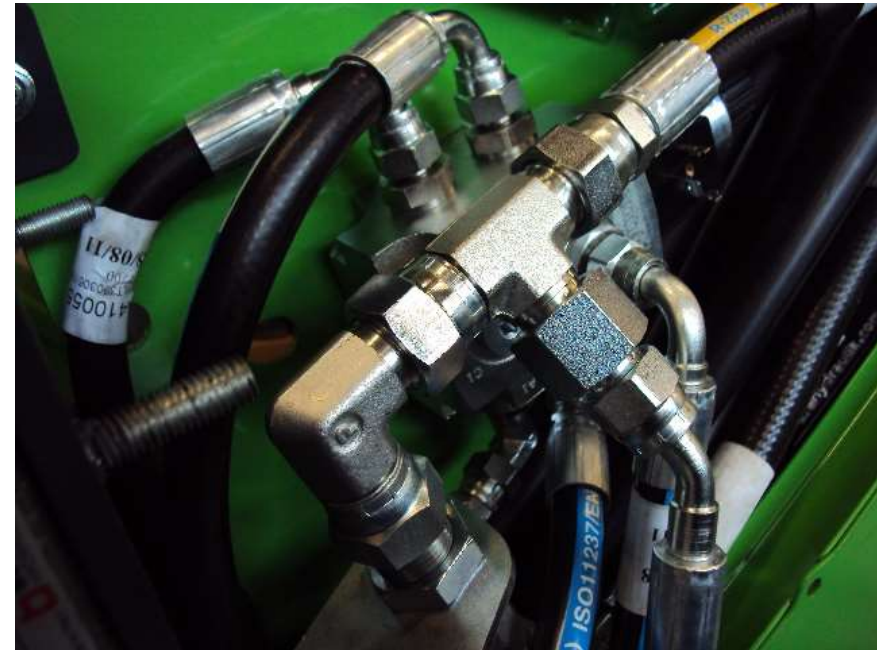
- Front auxiliary hydraulic hoses will be attached to front part of the selector valve





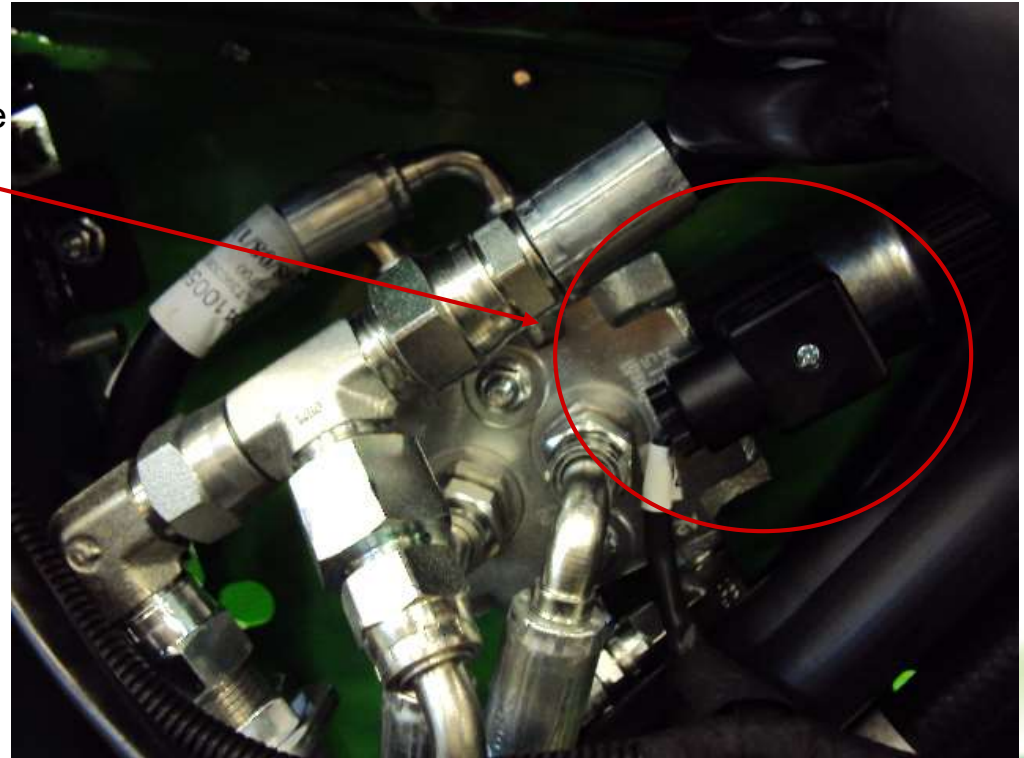
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- Attach the valve on it's own place between the control valve and hydraulic oil cooler
- Loaders right side plate has holes for this valve



## A35926 Rear auxiliary hydraulics outlet, double acting, Avant R20-28

- Remove the plug from selector valve and attach the wire harness to it



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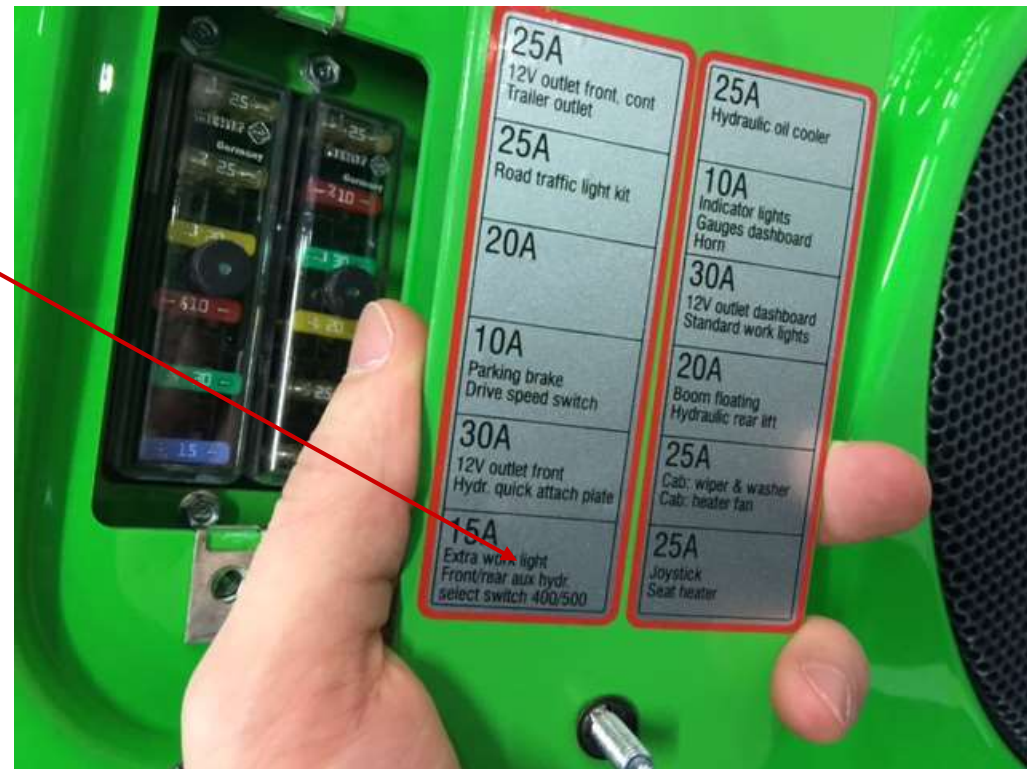
- Attach the wire harnesses grounding wire to loaders grounding point





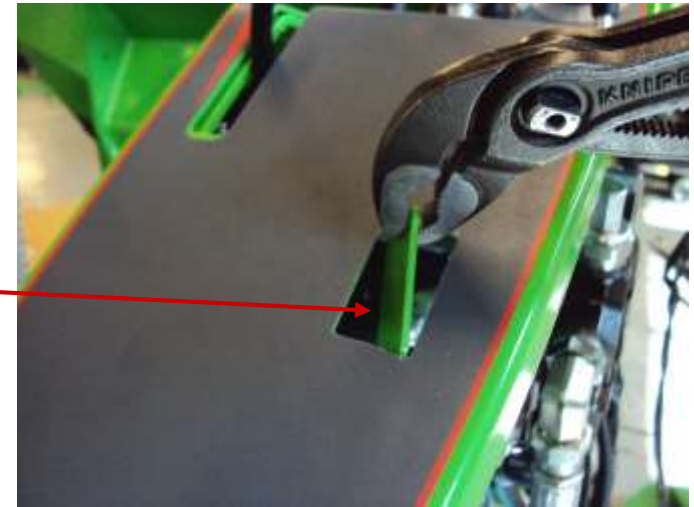
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- Attach the wire to fuse box
- Fuse wire will be attached to upper fusebox
- Make sure to connect to the fused side of the connection bar



## A35926 Rear auxiliary hydraulics outlet, double acting, Avant R20-28

- Attach the switch to control panel
- Remove the precutte piece from control panel
- Remove the piece with stanley knife and pliers
- Push the switch to it's place





## A35926 Rear auxiliary hydraulics outlet, double acting, Avant R20-28

- When everything is attached test the system to see if there are any leaks or it doesn't work as it should
- It's easier to repair it if there is any leaks or something is wrong when the covers are not in place
- When everything works as it should attach the removed covers back on their place