



## A35504 Extra auxiliary hydraulics outlet front, double acting, Avant 400

- With this instruction Double acting extra auxiliary hydraulics outlet to front can be assembled on a Avant 400 series loader
- This is a retrofit instruction

## A35504 Extra auxiliary hydraulics outlet front, double acting, Avant 400

- Before assembling make sure that you find all of the components listed below in your retrofit kit
- A414870 x2 Bracket for hydraulic pipe
- A414873 x2 Hydraulic pipe
- A414858 Mounting bracket
- 64190 x2 Quick coupling part
- 73754 Cover Black
- 65566 Cover Blue
- A414877 x2 Hydraulic hose
- A47638 x2 Hydraulic hose
- 65099 Selector valve
- 64041 x2 Basic fitting
- 64042 x3 Basic fitting
- 65276 Switch
- A411636 x2 Hydraulic hose
- A49452 Wire harness rear auxiliary hydraulics
- 71681 x2 Washer M6
- 72318 x2 Hexagonal nut M6
- 72127 x2 Hexagonal screw M6x90
- 74768 x2 Washer M6
- 64068 Elbow fitting 90°
- 64134 Elbow fitting 90°
- 74438 x8 Hexagonal head screw M6x40

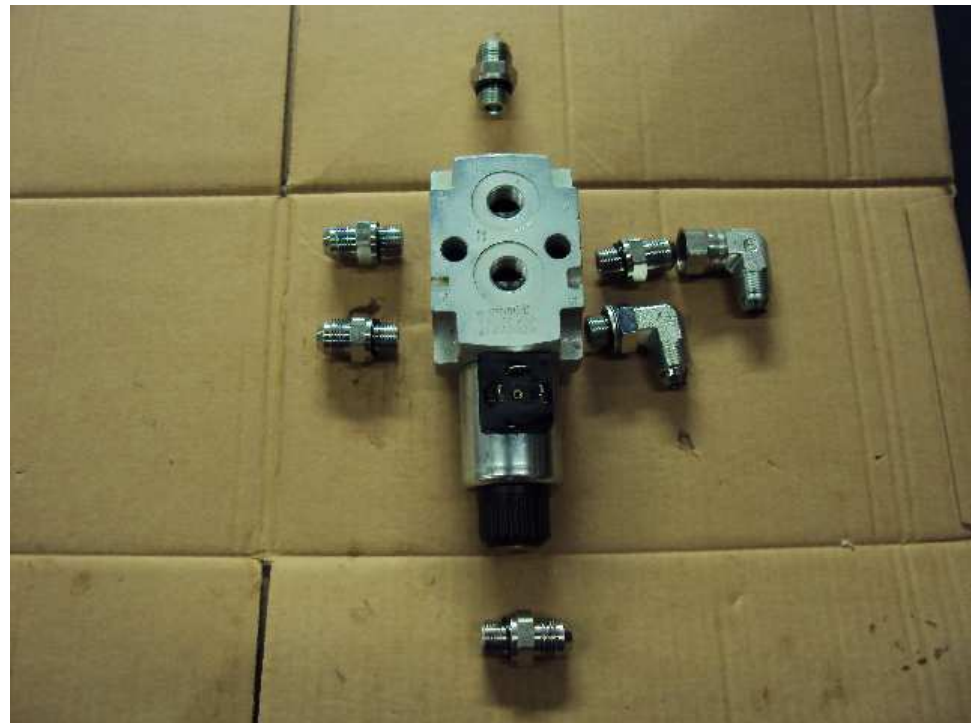


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- Remove the right side cover and both spirals from boom
- After removing the cover and spirals lower the boom to horizontal level to ease the assembly
- Wash the loader to avoid contaminating the hydraulic system

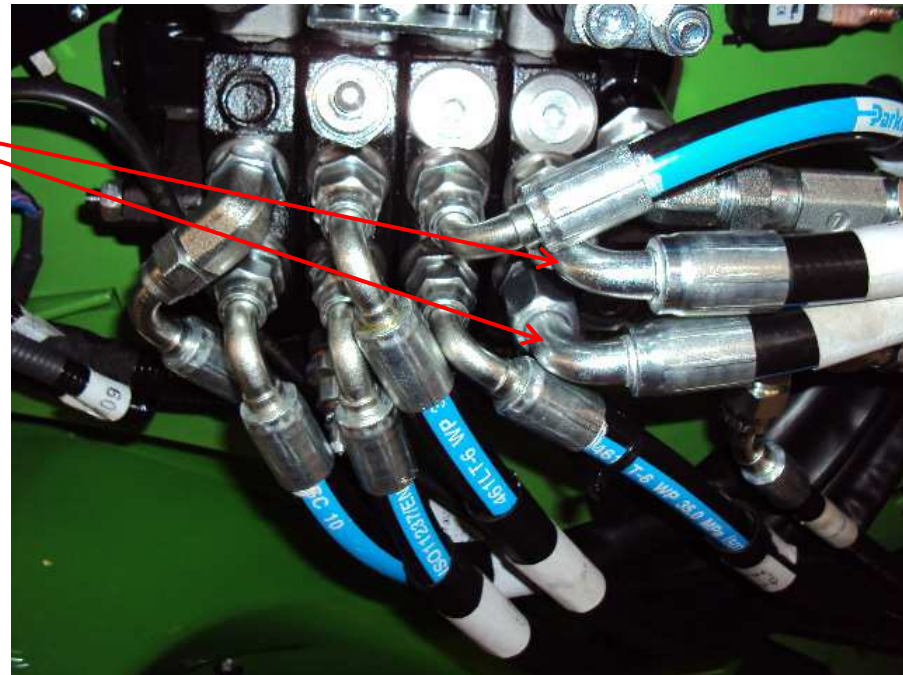
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- Selector valve will be attached to loaders right side between the control valve and the hydraulic oil cooler
- Usage between multiconnector or extra hydraulics can be chosen with the selector valve
- Attach the couplings to valve



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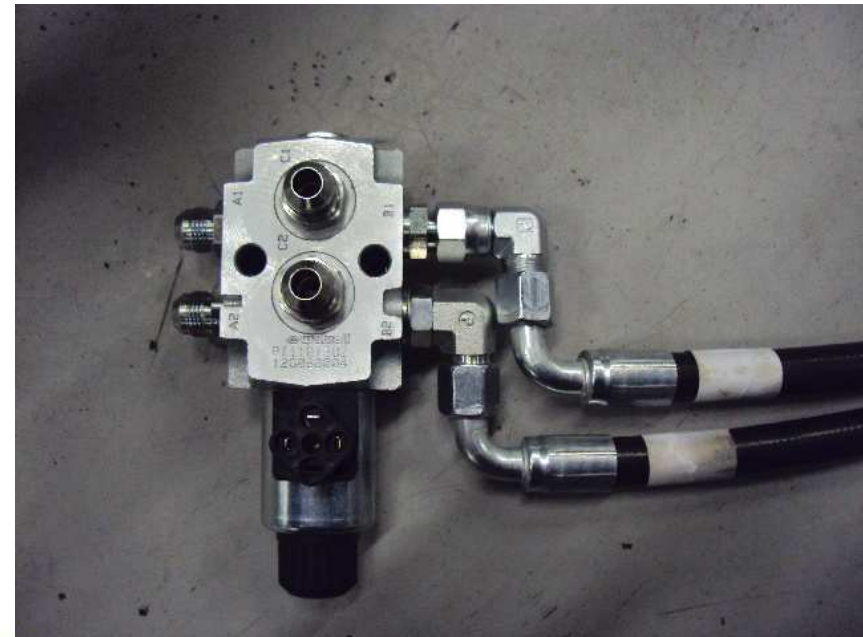
- Remove the auxiliary hydraulic hoses from control valve and route them under the oil cooler
- Open the hoses from boom to avoid twisting the hoses





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- Front auxiliary hydraulic hoses are attached to selector valve



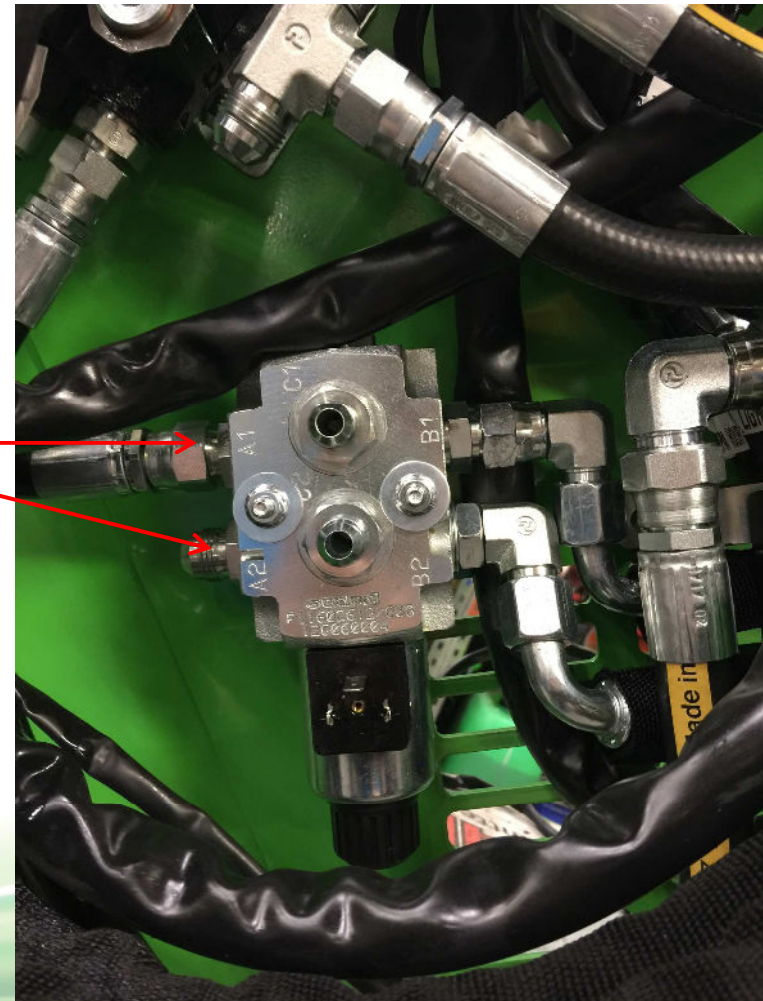
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- Attach the selector valve between the control valve and hydraulic oil cooler
- Right side plate has holes for this selector valve so its easy to find the assembly spot



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- When the selector valve is on it's place tighten the booms hoses
- Extra auxiliary hydraulic hoses to front needs to be attached on top of the selector valve
- From control valve to selector valve comes two new hoses p/n A411636
- Attach these two new hoses from top fitting to top fitting and from lower fitting to lower fitting





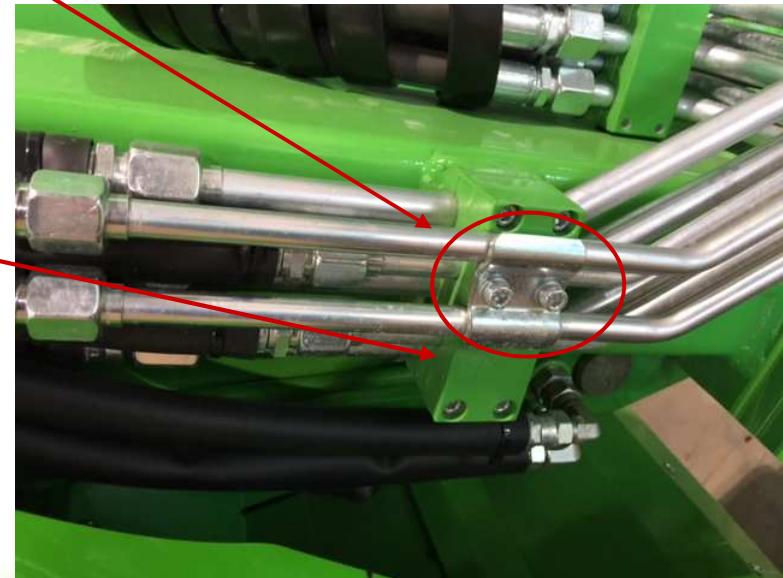
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- Route the new hoses same way as the old ones, this is the right way to route them



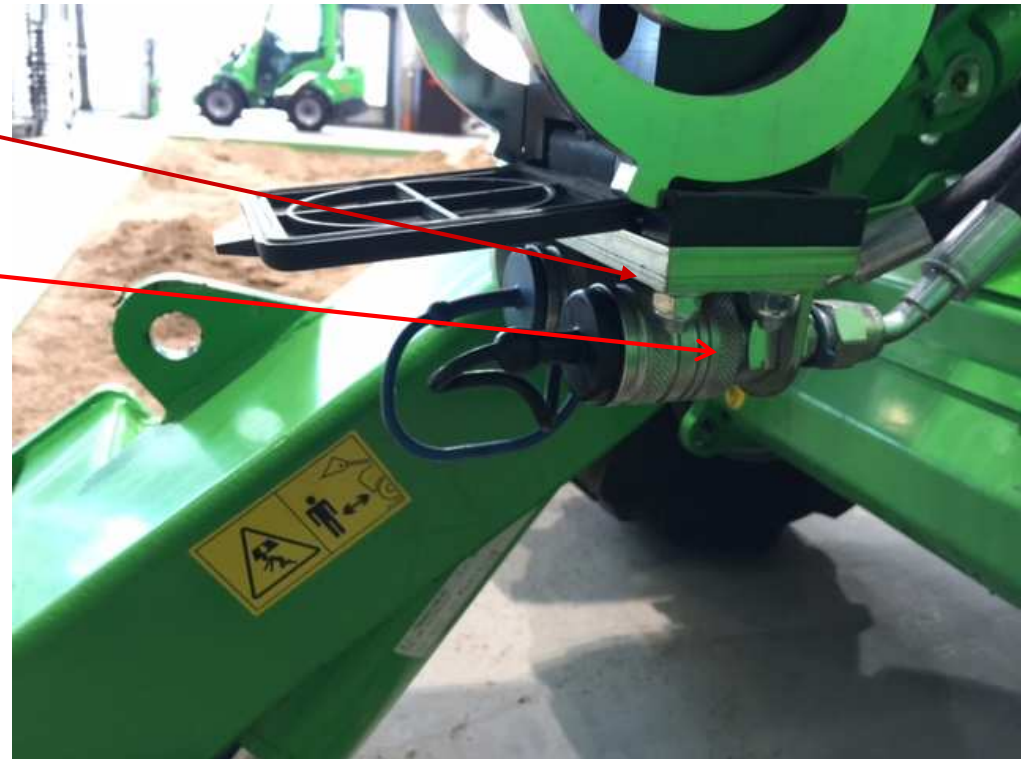
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- Attach two new hydraulic pipes to loaders boom
- With the retrofit kit comes two new brackets for hydraulic pipes
- These brackets are attached on top of the old brackets
- Remove the plate wich holds the top pipes



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- Under the faster multiconnector will be attached bracket
- Attach quick attachment couplings to this bracket





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- Extra auxiliary hydraulic hoses p/n A414877 can be attached to other hoses with zipties to ease the assembly
- When the hoses are attached from both ends put covering spiral back on it's place
- Red line shows how hoses are routed trough the boom





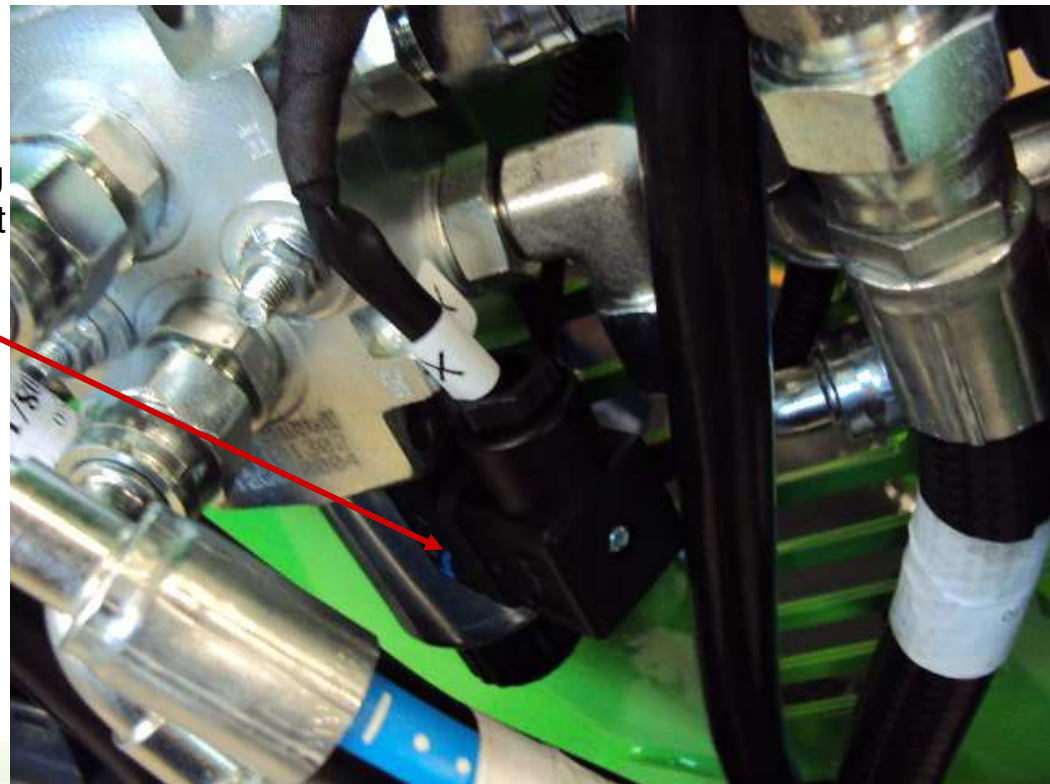
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- Remove the spiral to attach hoses p/n A47638 to hydraulic pipes
- When the hoses are connected you can route them to the selector valve
- When the hoses are tightened put the spiral back
- To help putting the spiral back tighten the hoses with zip ties and remove them when putting the spiral back



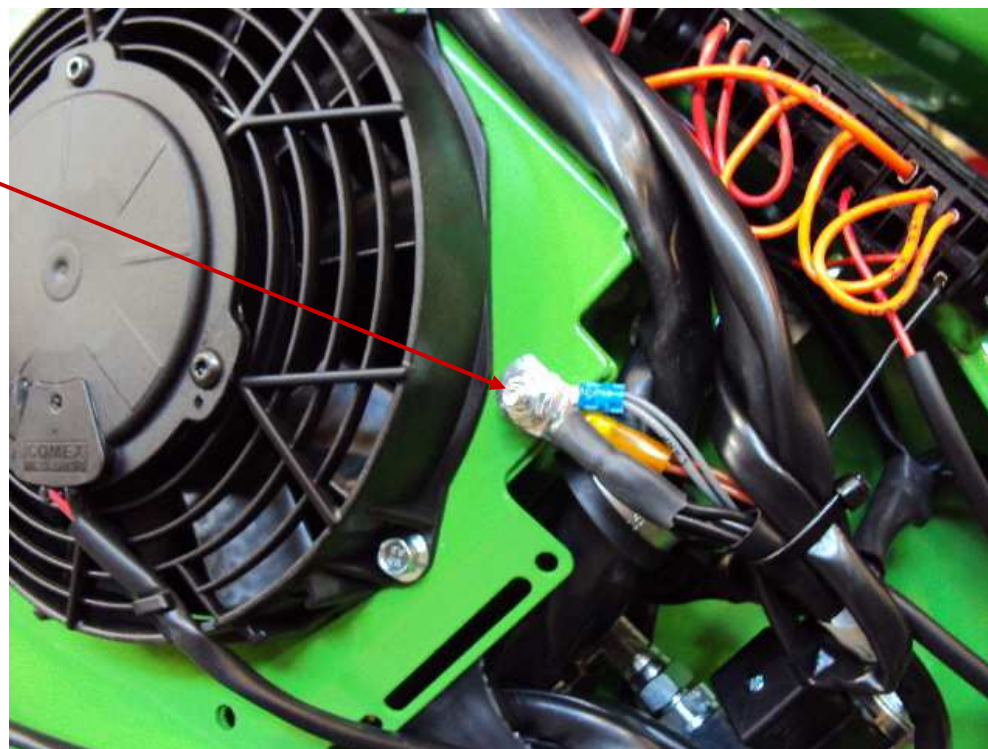
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- Remove the cover from electric coupling
- Attach the wire harness for selecting rear or front auxiliary hydraulic outlet



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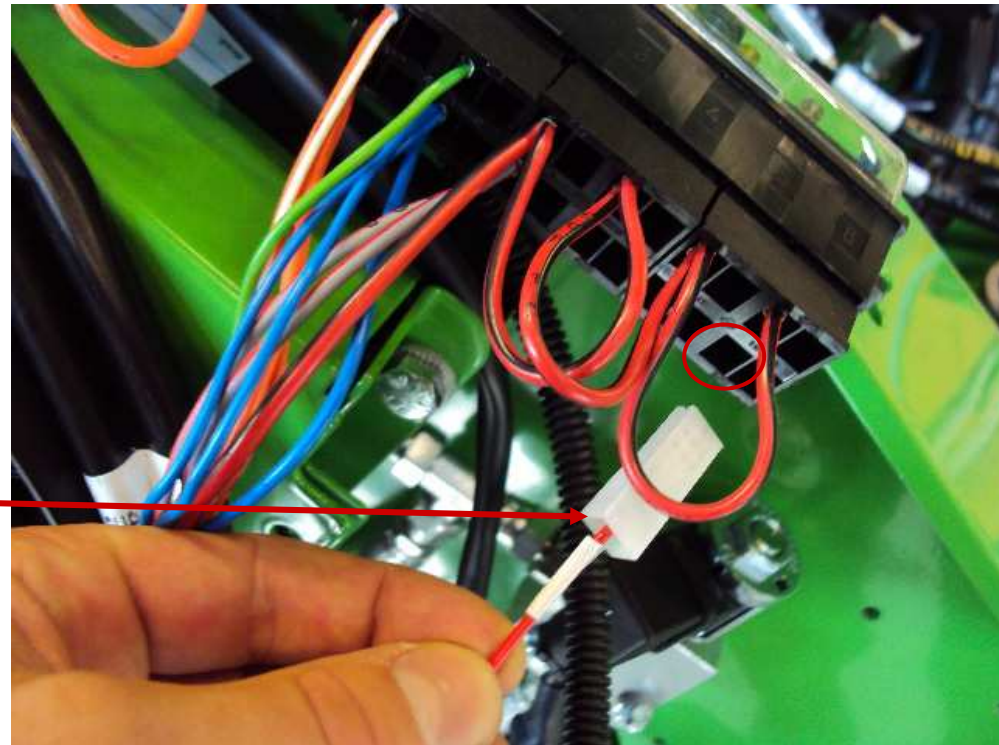
- Attach the wire harnesses grounding wire to loaders grounding point





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





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



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- When everything is attached test the system
- If there are leaks when testing the system tighten the couplings
- This point the leaks are easier to remove and tighten the couplings
- When everything is ok attach the removed covers back to loader