

A21592 L-cab, Avant 500-700 and e-series

- With this instruction the L-cabin can be assembled on a Avant 500-700 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
 - A33448 x1 Windscreen washer
 - A410091 x1 canopy, polycarbonat
 - A49446 x1 Rear window, complete
 - A49453 x1 Windscreen, complete
 - 64993 x1 Electric motor
 - 64572 x1 Arm, windscreen
 - 65170 x1 Wiper blade
 - A49451 x1 Window, right side
 - A416315 x1 Cover plate, front
 - 64986 x1 Emergency hammer
 - 64987 x1 Bracket, emergency hammer
 - A411021 x1 Decal emergency exit
 - A410111 x1 Wire harness
 - 72320 x1 Hexagonal nut M8
 - 73122 x2 Washer M8
 - 72133 x1 Hexagonal screw M8x30
 - 73766 x1 Hexagonal screw M6x16
 - 71680 x1 Washer M6

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- Start the assembly by removing the loaders safety canopy also the cup holders need to be removed
- If loader has work lights remove them before removing the safety canopy so you can assemble them back when putting the safety canopy back
- If you have Avant 500 series or e series loader you need to change loaders safety canopy to Avant 600/700 series safety canopy p/n A33920 so you can assemble the L-cabin

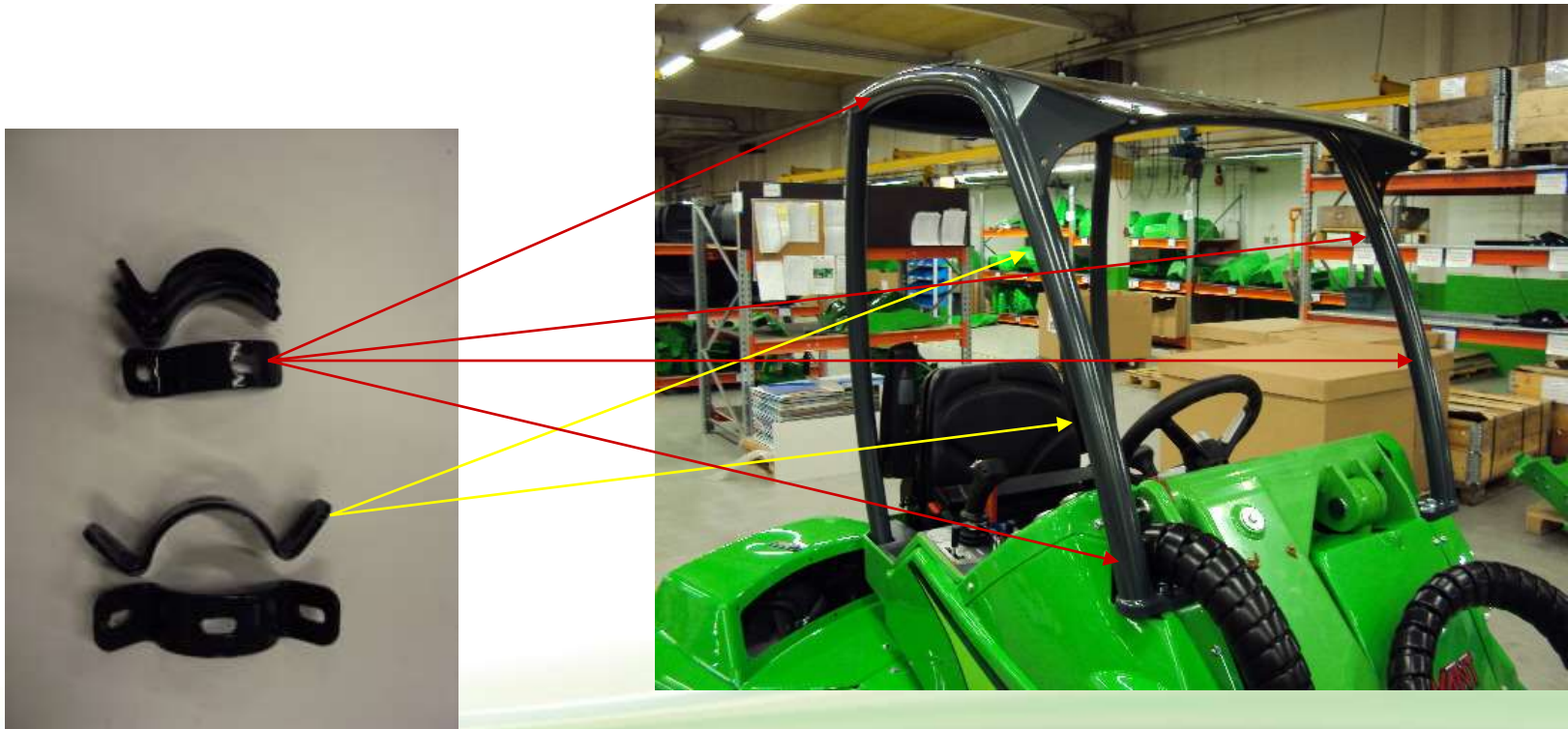
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- Safety canopy can be prepared before attaching it to loader
- Attach these brackets for windscreen and side window
- To the safety canopy need 2 of these double sided brackets and 4 of these one side brackets
- One side bracket
- Double sided bracket



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- Arrows in the picture tells where the brackets are to be attached



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- When the brackets are on their places you can attach the windscreen on it's place
- When the windscreen is on it's place you can attach the electric motor to it



- Attach the windscreen to safety canopy by using these plastic covers in screws
- Screws are M5x25 and nyloc hexagonal nuts



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- Attach brackets seen on the picture to windscreen so you can attach the lower glass on it's place
- Attach the brackets to both side of the windscreen and again use the plastic covers and M5x25 screws for attaching



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- Slide the plastic sealant on it's place like on the picture
- When the seal is on it's place you can attach the roof on it's place
- After this you can assemble the safety canopy to it's place



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- Rear wall will be attached from the bottom
- Use the lower bracket to secure it in place
- Both screws here need to tighten just a little so the sideframes can be attached



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- Rear wall will be attached from left side to seat bottom as on the picture
- Frame also supports the back wall
- Tightening spots are marked to picture with red circles



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- In this picture the brackets for back wall and how the emergency hammer is attached to brackets



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- Bracket needs to be attached to seat bottom from the right side like on the picture
- When all the screws are on their places you can tighten them up



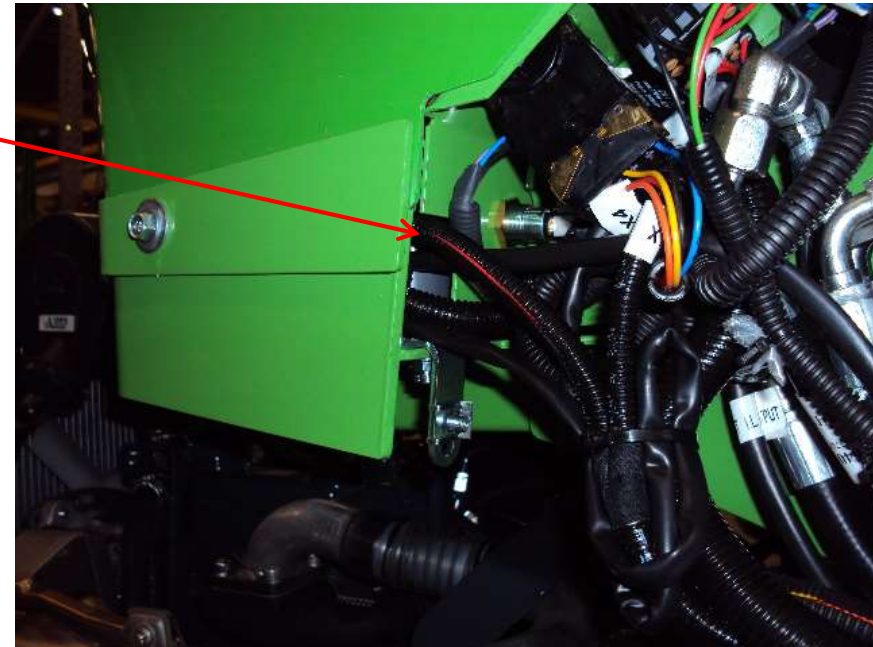
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- Make place for windscreen wiper switch
- Panel has some precutted pieces wich can be removed by stanley knife and pliers



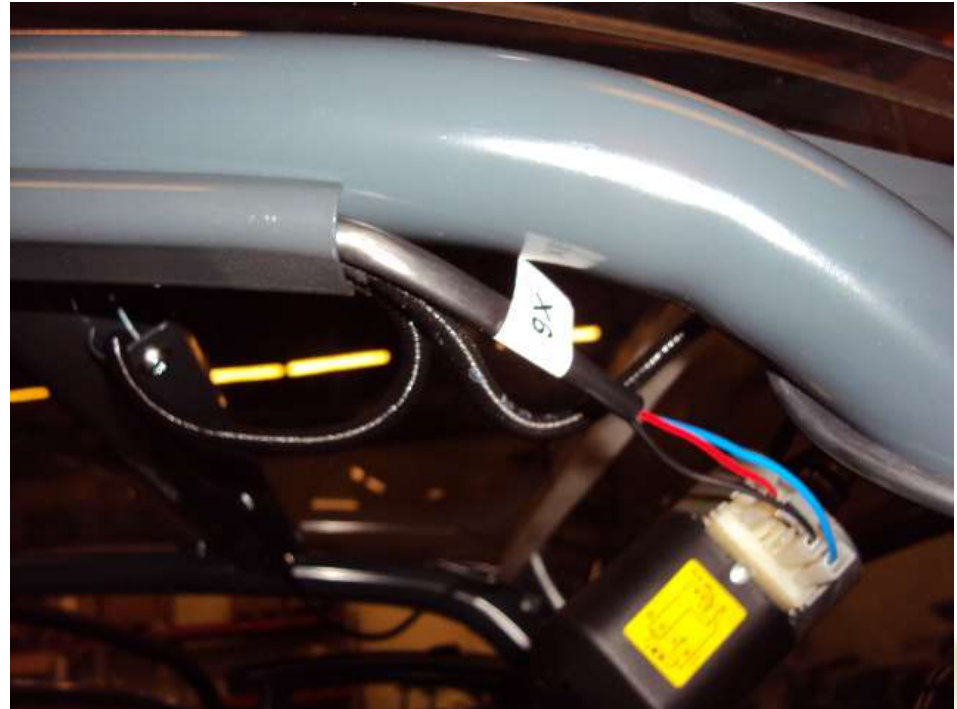
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- Windscreen wipers wire harness will route from the hole next to the panel inside the cabin
- Then route the wire together with the work light wires to front part of the safety canopy



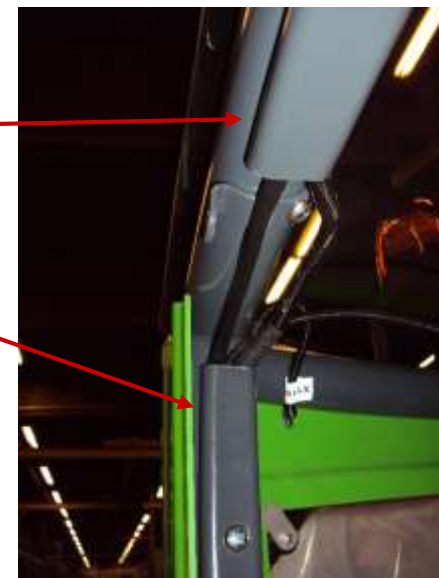
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- In the picture you can see how the wire harness is attached to electric motor
- Red wire goes to highest coupling, black to middle and the blue to lowest coupling



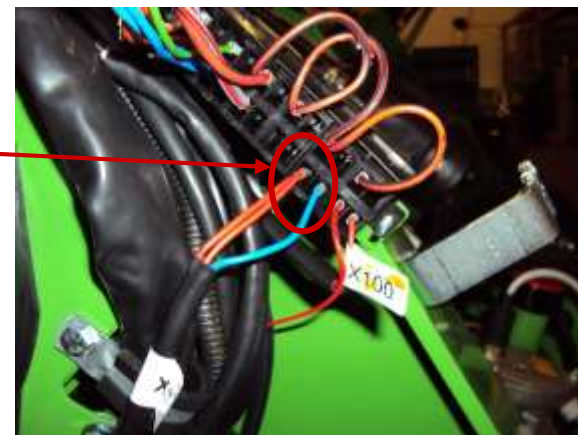
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- Electric motor wire harness will be cover with these strips
- Cover strips are attached to safety canopy by using M6x30 screws



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- Wire harness fuse wire will be attached to fuseboxes 25A fuse, fuse is for cabin. Make sure to connect to the fused side of the connection bar.
- Wire harness grounding wire is attached to machines grounding point in front part of the loader



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- Attach wire harness wire X2 to windscreen washer tank
- Attach the contactors as in the picture:
 - Green wire goes to + hub
 - Black wire goes to - hub



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- Attach the hose for windscreen viper to viper arm
- Route the hose from top corner of the window and beside the safety canopy to the hole underneath the oil cooler
- When routing the hose you need to be sure that it won't affect to any other movement's when the hose it's on it's place



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- Route the hose to left side of the loader on top of the hydraulic oil tank
- When you have the hose on the left side you can attach it to tank as in the picture



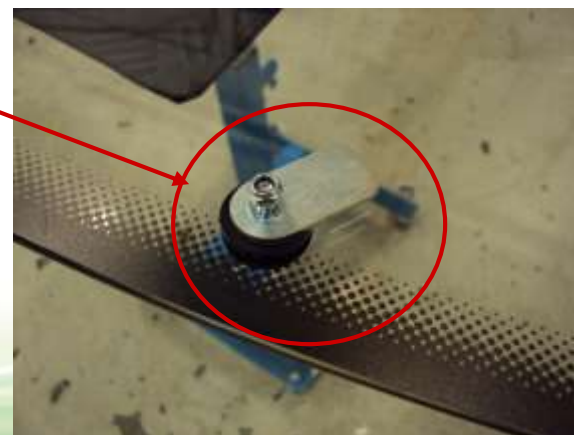
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- When the hose is attached you can attach the washer tank to it's place as on the picture



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- Next we can attach the sideglass
- You can attach the plastic covers to glass already
- To backside of the glass you need to attach brackets as in the picture
- Tighten the brackets with fingers so you can still rotate them



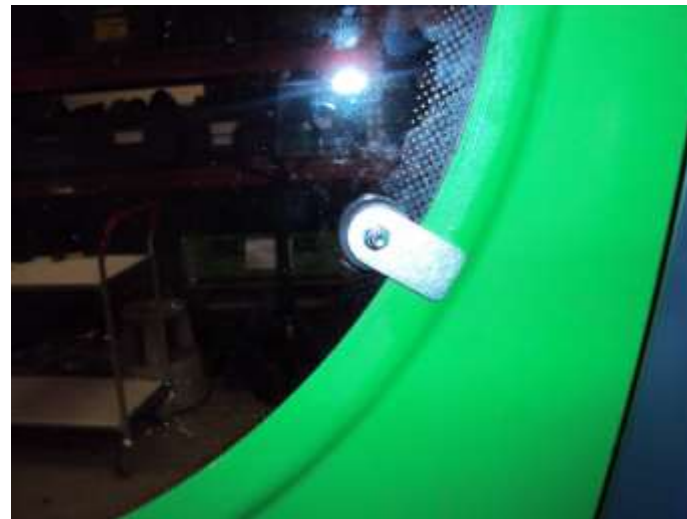
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- Attach the sideglass to loader with M5x25 screws



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- When the glass is on it's place turn the brackets as in the picture
- After this tighten all the screws



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- Drill 5mm hole to Back wall as in the picture, the hole also must go trough the panel
- When drilling the hole be careful not to drill too far and damage the switches
- After drilling the hole make an M6 thread to it.
- When you have made the thread to it you can attach a bracket to hold the sideglass



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- You need to attach weather stripping to lower glass bracket
- Window fasteners can be attached to lower glass



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- Bracket for lower glass is attached to loaders front frame
- Lower glass is attached to windscreen lower brackets



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- When the assembly is ready test the windscreen wiper and the liquid flow before mounting the covers.
- When everything in the cab works as it should mount the covers back to the loader