

A34144, A35007 Hydraulic self levelling kit, Avant 600-700 series

- With this instruction you can assemble hydraulic self leveling system to your Avant loader
- This is a retrofit instruction

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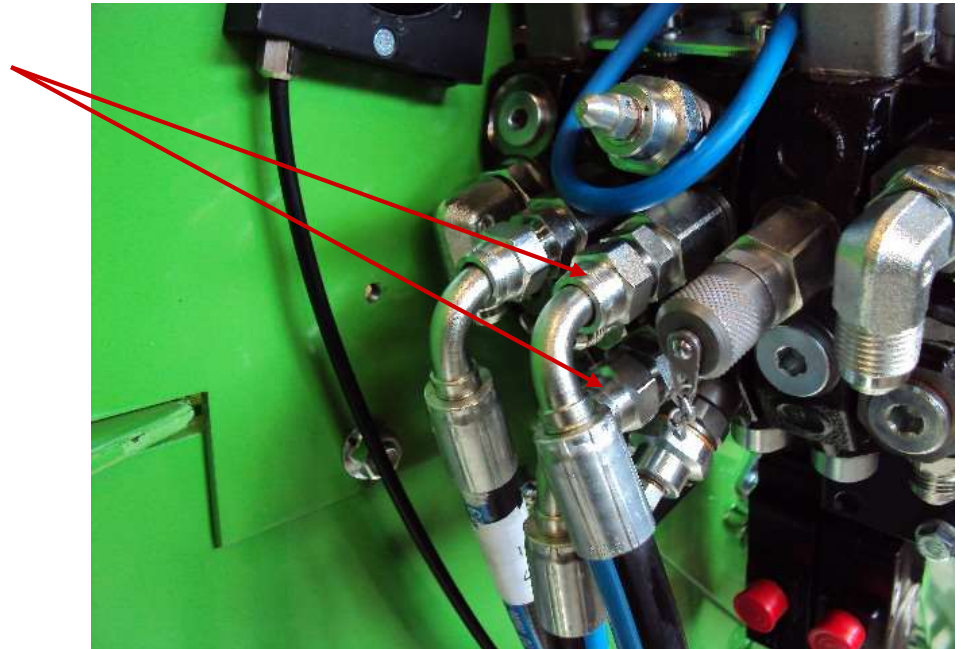
- Before assembly you need to make sure that you have all of the components listed below in your retrofit kit
- - A47920 Hydraulic cylinder (for 600 series)
 - A412914 Hydraulic cylinder (for 700 series)
 - 64044 x2 Elbow fitting 90°
 - A47640 x2 Hydraulic hose
 - A47041 x2 Pin
 - 72798 x2 Grease nipple
 - 72147 x2 hexagonal screw M10x16
 - 74531 x2 Washer M10
 - 64070 T-fitting
 - 64078 L-fitting
 - 64043 Elbow fitting 90°
 - A47640 x2 Hydraulic hose

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- Start the assembly by lifting the boom up and support it by service support
- When the boom is up you can remove the front frame covers
- When covers are removed you can wash the loader so you don't contaminate the hydraulic system

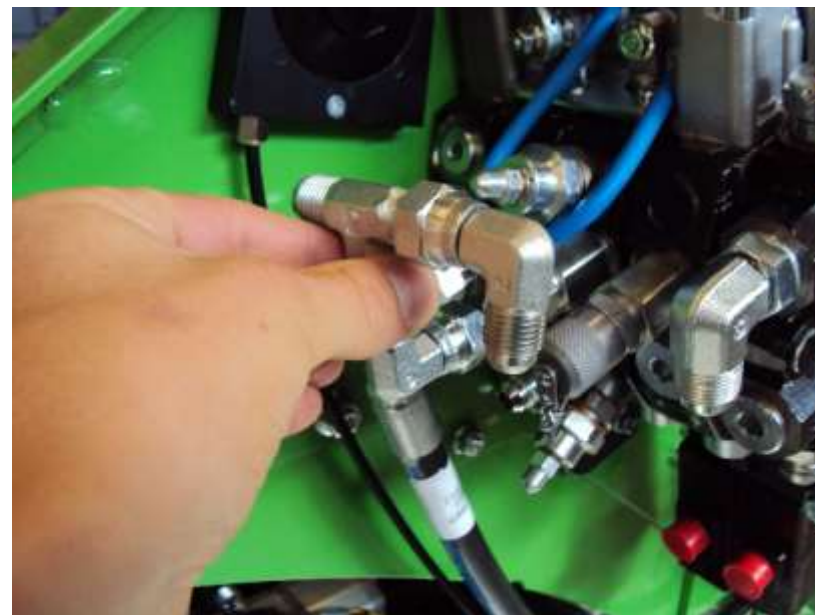
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- These two hoses needs to be removed from the at the start



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- To top fitting you attach this coupling system
- Leave the couplings loose so you can attach the hoses to it easier
- When the hoses are attached to these couplings you can tighten these couplings



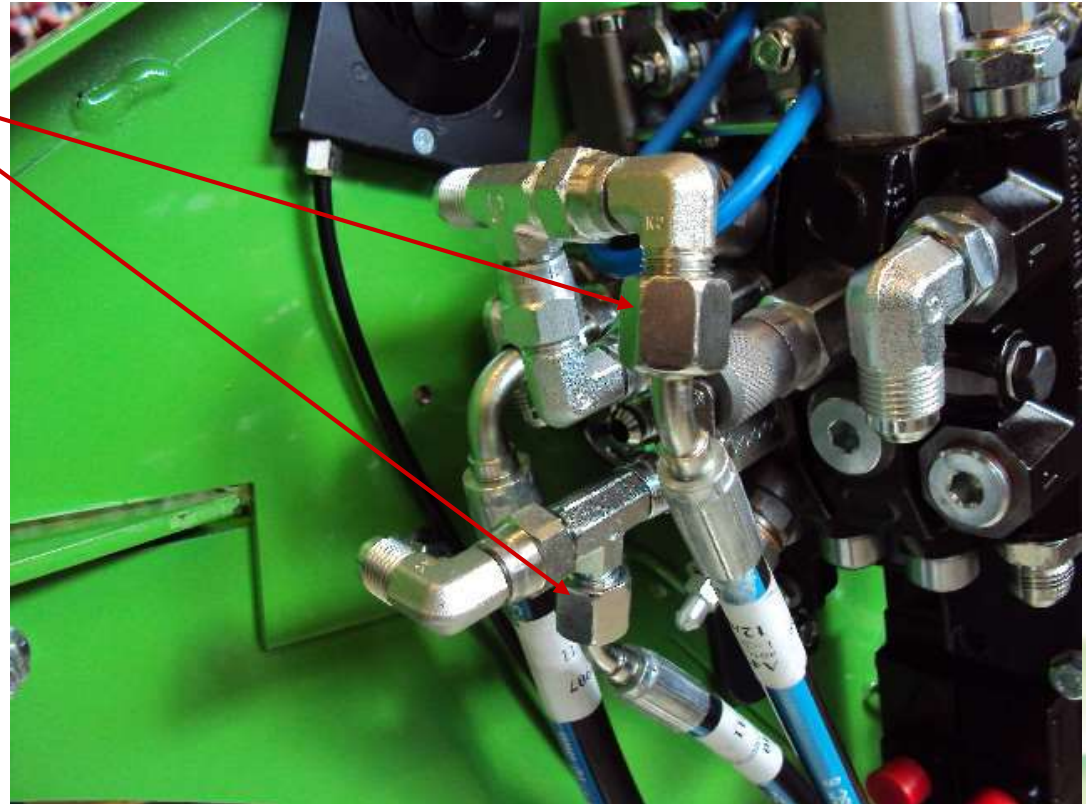
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- To the lower you need to attach this fitting system
- Leave the couplings loose so you can attach the hoses to it easier
- When the hoses are attached to these couplings you can tighten these couplings



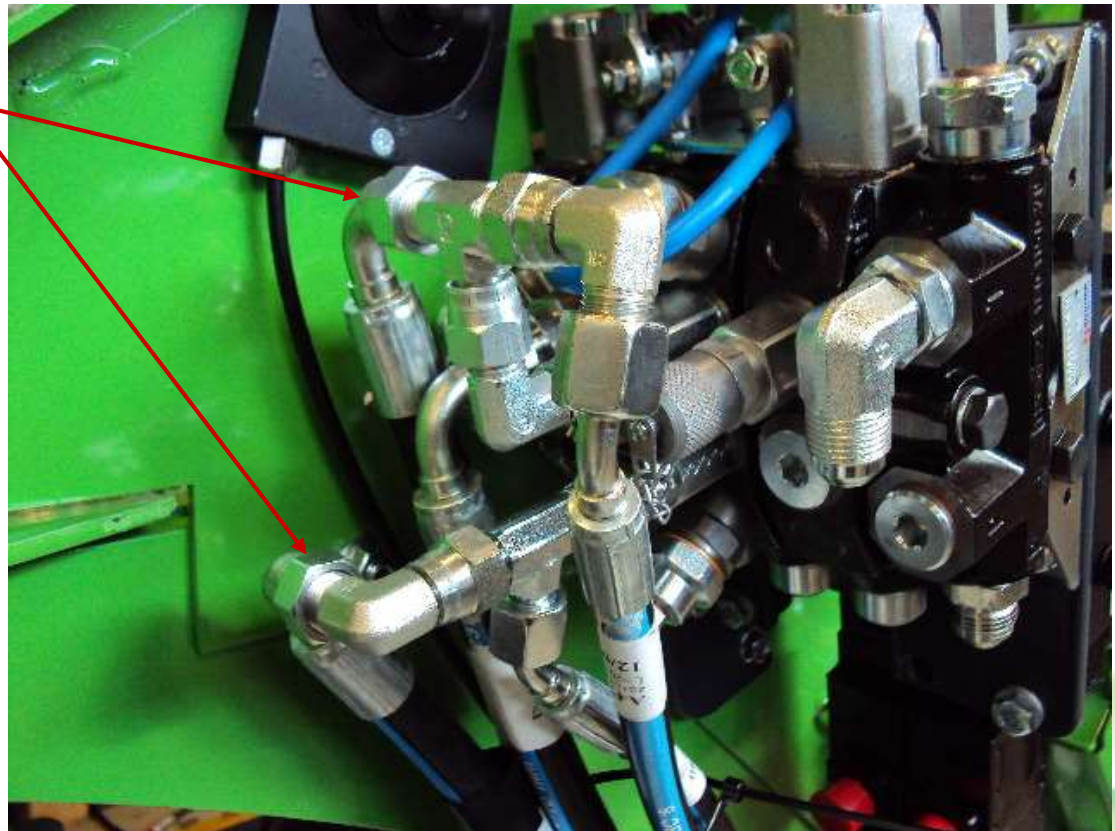
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- Parallel cylinder hoses are attached to those fittings as in the picture



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- Bucket tilt hoses are attached here as in the picture same way as you removed them at the start



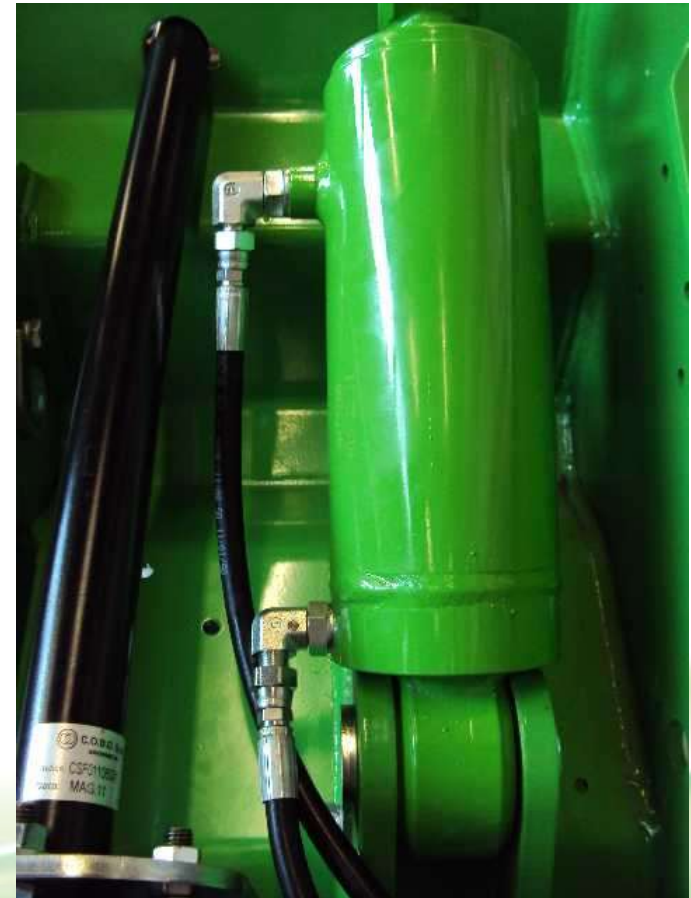
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- You need to route the hoses here inside the front frame and to parallel cylinder
- To simplify the picture there is only the hoses for parallel cylinder
- When the hoses are inside the front frame you need to route them to left side of the loader and to parallel cylinder



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- Hoses are attached to parallel cylinder
- Hoses goes from the top port to top fitting of the cylinder and from the lower port to cylinder lower fitting



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- When the hoses are attached you can bleed the system
- Bleed the system by lifting the boom up and then lower it, do this couple times and the system is bled when the attachment plate follows booms movement nicely
- Do the bleeding without covers so you can see if there are leaks
- When everything is ok you can put removed covers back on their place