

Bobcat Soil Conditioner

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Description: The Bobcat® brand of soil conditioner uses a 5 output Controller from Bobcat® which interfaces to the Bobcat® machines only via a CanBus interface. This is a digital interface that will not function on any other brand of machine without the following modifications:

		
<p>Soil Conditioner Front</p>	<p>Soil Conditioner Side - Make sure you have your hydraulic flow direction going the correct way. P is for Pressure and T is for Tank or Return.</p>	<p>2 stacks of 2 solenoids on left control the up/down and angling of the drum.</p>
		
<p>Single solenoid on the right is used to control the reversing of the drum.</p>	<p>No pigtails. Delphi connectors plug directly into the solenoids.</p>	<p>All solenoids are located under the step and on top of the hydraulic control block.</p>

There are two pairs of wires for each function. Function one controls the wheels up and down while function 2 controls the angling of the drum in each direction. The 5th solenoid over to the right side controls the direction of the drum. You will unplug these five connections and plug the Genius Bypass Harness directly into these connections so you can control the solenoids directly. Make sure that you verify that the solenoids are using Delphi DP connections. If not, order the Deutsch DT style connections.

14 Pin Machines – ie. Kubota, Gehl, Mustang, New Holland, John Deere, Takeuchi, Daewoo, Cat D-Series.

Use Genius Bypass Kit #SG-BPH-14-6-9DP/DT to bypass the Bobcat CanBus Controller and connect directly to the two stacks of 2 solenoids. There are 6 wired connections on the Genius Harness and only five will be used for control. This allows the user to connect multiple combinations that best suits their machine without having to rewire any connections. One connection can be reserved and used to power the reverse function.

If you wish to use this attachment on a Bobcat® as well as your other 14 pin equipped machines, order the following:

Bobcat Part # 7155357

This will give you a 7 and 14 Pin connection that allows the CanBus Controller to stay active and operate on Bobcat machines as well as others. This will not work on John Deere without moving the ground wire. This will not work on Cat D-Series without rewiring some connections. Additional wiring may be required to lock the reverse function on and off.

8 Pin Machines – ie. Cat A, B & C Series, Terex and ASV.

Use Genius Bypass Kit #SG-BPH-8-4-9DP/DT DT to bypass the Bobcat® CanBus controller and connect directly four of the solenoids. There are 4 wired connections on the Genius Harness and all will be used for control. Reverse will not work with these machines.

No Bobcat harness is available to run on 8 pin machines. You can use Genius Part Number #SG-CT8-BC14 adapter to the Bobcat harness. You will still not be able to use the reverse drum function.

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