



SKID STEER GENIUS, LLC.

1-360-386-5841

SG-CAN60 User Guide: The most advanced CAN controller on the market for Bobcat 7 Pin machines.

Specifications:

- 6 x +12 Volts Switched @ 9 Amps each
- 1 x +12 Volts Always on – Pin K
- Total 15 Amps Total Output Current Limited
- Programmable Latching Circuits (C&D)

Description:

This is a 6-port controller designed to plug directly into your Bobcat Skid Steer Loader, VersaHandler or ToolCat. The controller reads the Canbus signals present on your machines bus when you push a control button. It converts that signal into a 12 Volt output. Each output provides 1 x +12 Volt pin with 1 x common ground pin. This allows you to operate any attachment that utilizes 12 volt solenoid controls over hydraulic. The CAN60 provides the standard pin-out found on most attachments, but in some cases this may not be true. A pinning tool is provided to allow you to swap attachment side pins to match the CAN60 pin-out.

| Control | Description | 14 Pin Letter |
|-----------|---|---------------|
| Paddle A1 | Left stick toggle to the left | Pin C |
| Paddle A2 | Left stick toggle to the right | Pin D |
| Paddle B1 | Push inner button upward on left stick | Pin E |
| Paddle B2 | Push inner button downward on left stick | Pin F |
| Paddle C1 | Push inner button upward on right stick | Pin G |
| Paddle C2 | Push inner button downward on right stick | Pin H |

Pin K is provided as a constant Key on Power.

Status LED's:

The **CAN60** is fitted with a row of status LED's to provide you with a means to understand what is happening with your machine and controller. There is a power on LED as well as various LED's which show the bus operation and switch operation of each function.

Ports:

There are 6 ports provided on this model. Each port provides a +12 momentary output from the factory but A1/A2 can be programmed to be latching. The latch programming provided that allows you to hold pins C and D on without maintaining your hold on the button.

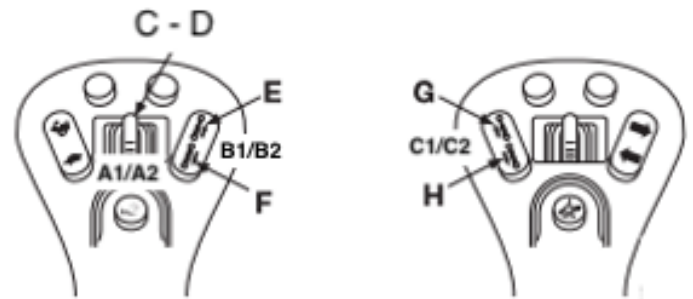
The controls do not turn on your hydraulics. You are still required to operate your hydraulics once you have switched so that an action will occur.

Programming:

The CAN60 ships without the latching enabled. Simply switch on the key while holding A1 or A2 for 5 seconds and the function will latch. Tap the button again and it will unlatch.

If you would like to remove the latch function, hold A1 or A2 while turning on the key. It is not necessary to do this each time you turn the key on. The programming will hold until you reprogram.

Control Layout:



Troubleshooting:

If it appears your controller is not working, please check the following:

Does the power indicator light?
If no, check your connections and fuses in your Bobcat. If yes, does the status indicator work? If no, check your connections above your battery. If yes, try your control switches. If they work and the port LED's light, then the controller is working. Check your wiring to your attachment for correct connections.

Note: John Deere uses Pin A for ground so attachment ground pin should be moved from A to B. **CAT D-Series** uses A & J for C1/C2 so you must move the attachment pins. Pin K must be removed for High flow applications or you will blow your ACD fuse.