



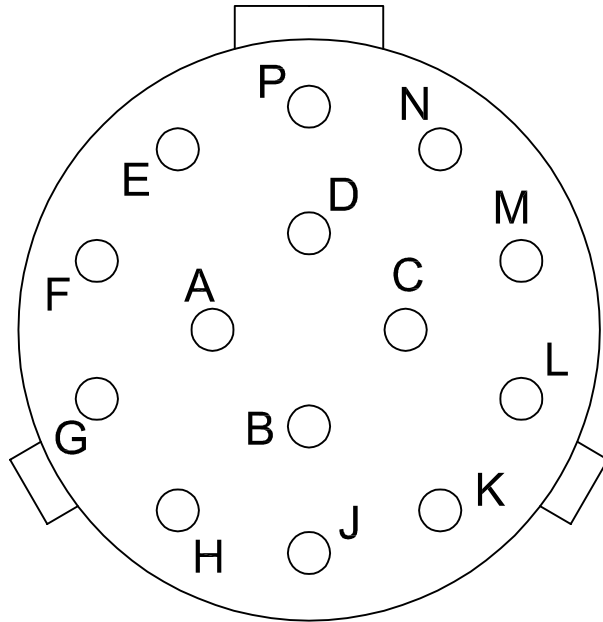
Wiring Harness's By Sheyenne Manufacturing



Sheyenne Tooling & Manufacturing makes and sells wiring harness's. These information sheets/manual will deal with two harness's normally used with skidsteer loaders and our snowblowers. One is an **eight pin** connector, the other is a **fourteen pin**. The female harness connector shown in the photo above, plugs into your skidsteer loader. The other end has individually identified wires. The harness is approximately 6 feet in length.

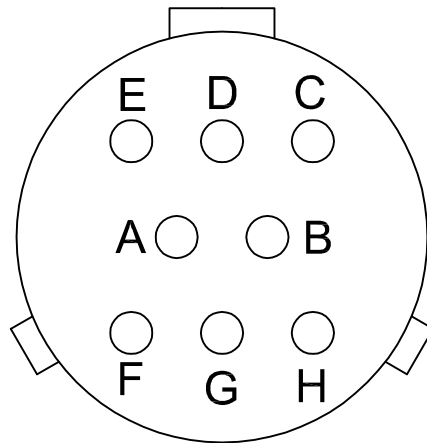
We will provide some information for (7) different makes and models of skidsteer loaders. We know this is limited, but keeping-up with all the makes and models of skidsteers on the market is nearly impossible.

The first step to wiring your skidsteer to any of our attachments is to observe which male connector you have on your skidsteer. Owners manuals may give you this information too. Obviously the female connector of the wiring harness must match the pin quantity and physical configuration of the connector on your skidsteer. Next verify that a six foot harness meets your length requirement. Lastly you will need the attachment owners manual and a volt/ohm meter to verify that connections to the terminals is correct and that proper functions are achieved.



14 PIN

Viewed from Socket End of Connector



8 PIN

Viewed from Socket End of Connector

Bobcat

14 Pin Wiring Harness

Wire

A----- Not used
B----- (-) Ground
C----- LH control center switch
D----- LH control center switch
E----- LH control right switch
F----- LH control right switch
G----- RH control left switch
H----- RH control left switch
J ----- Not used
K----- (+) 12 VDC, 25 amp fused
L----- Auxiliary hydraulics enable*
M----- Not used
N ----- Not used
P----- Not used

* Jumper from **K** to **L** enables auxiliary hydraulics whenever a switch is selected.
WARNING! Implement will start if hooked up to the hydraulic quick couplers when **K** to **L** jumper is used. Example: Auger or snowblower will turn.

Some loader models have different configuration handle switches. Verify functions for your particular skidsteer with a volt/ohm meter.

Contact By Mail

Sheyenne Tooling & Mfg
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Cooperstown, ND 58425

Contact By Phone

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For person(s) to assist
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New Holland

14 Pin Wiring Harness

Wire

A----- Not used
B----- (-) Ground
C----- Handle switch 1
D----- Handle switch 1
E----- Handle switch 2
F----- Handle switch 2
G----- Handle switch 3
H----- Handle switch 3
J ----- Not used
K----- Not used
L----- Not used
M----- Not used
N ----- + 12 Volts DC
P----- Not used

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Case

14 Pin Wiring Harness

Wire

- A----- RH Auxiliary switch
- B----- (-) Ground
- C----- Not used
- D----- LH Auxiliary switch
- E----- LH Auxiliary switch
- F----- Option
- G----- Option
- H----- RH Auxiliary switch
- J ----- Not used
- K----- Not used
- L----- Not used
- M----- Not used
- N ----- Not used
- P----- Not used

Some loader models have different configuration handle switches. Verify functions for your particular skidsteer with a volt/ohm meter.

Fused to 10 amps

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Case
Models SR & SV
14 Pin Wiring Harness

Wire

A----- Not used
B----- (-) Ground
C----- LH Handle multifunction # 3 down
D----- LH Handle multifunction # 3 up
E----- RH Handle multifunction # 1 up
F----- RH Handle multifunction # 1 down
G----- Handle multifunction # 2 up
H----- Handle multifunction # 2 down
J ----- Not used
K----- Not used
L----- Not used
M----- Not used
N ----- Not used
P----- Not used

Some loader models have different configuration handle switches. Verify functions for your particular skidsteer with a volt/ohm meter.

Fused to 10 amps

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John Deere

14 Pin Wiring Harness

Wire

A----- (-) Ground
B----- Switch 1
C----- Switch 5
D----- Switch 6
E----- Switch 8
F----- Switch 3
G----- Switch 7
H----- Switch 4
J ----- Not used
K----- Not used
L----- Not used
M----- Not used
N ----- Not used
P----- Not used

Some loader models have different configuration handle switches. Verify functions for your particular skidsteer with a volt/ohm meter.

Fused to 2 amps

Button 2 controls 2 speed function

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John Deere

TEST FOR PROPER FUNCTION OF EIGHT BUTTON HANDLE KIT

1. Set multi-meter to read DC voltage.

NOTE: Cavity labels are located on the inside and backside of eight button receptacle.

2. At eight button receptacle, place negative (-) lead of multi-meter on Cavity A, ground terminal (black wire).

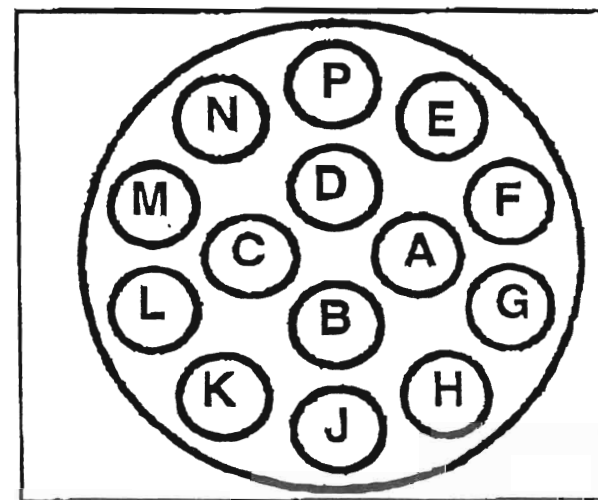
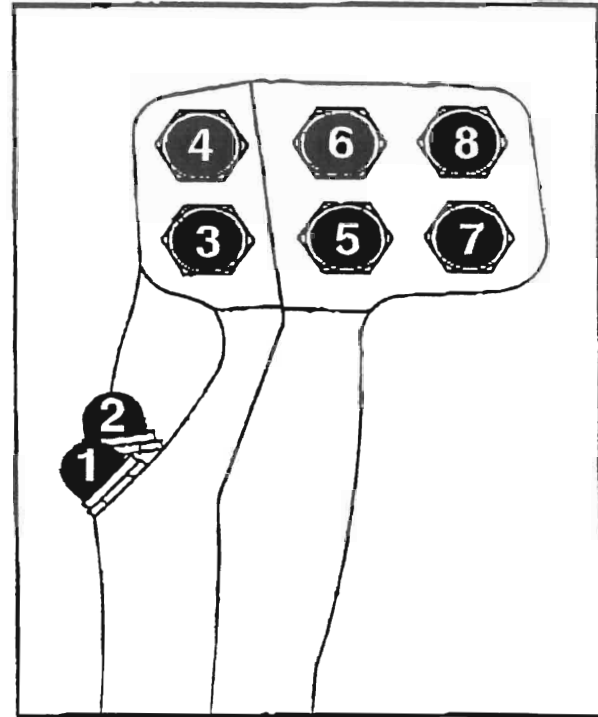
3. To test each handle button:

- Place positive (+) lead of multi-meter on the appropriate eight button receptacle cavity,
- Press button on eight button handle, and
- Multi-meter will read 12 volts.

4. Button to Cavity combinations are as follows:

- Button 1 – Cavity B (green/black wire)
- Button 3 – Cavity F (orange wire)
- Button 4 – Cavity H (blue wire)
- Button 5 – Cavity C (white wire)
- Button 6 – Cavity D (red/black wire)
- Button 7 – Cavity G (white/black wire)
- Button 8 – Cavity E (blue/black wire)

5. Button 2 controls the two-speed function.



Viewed from backside (or wire end) of the connector

Caterpillar

8 Pin Wiring Harness

Wire

- A-----** (-) Ground
- B-----** Button LH + 12 Volts DC, 15 amp used
- C-----** Switch LH momentary C1 (2 amp)
- D-----** Switch LH momentary C2 (2 amp)
- E-----** (-) Ground
- F-----** Not used
- G-----** Not used
- H-----** Not used

Some loader models have different configuration handle switches. Verify functions for your particular skidsteer with a volt/ohm meter.

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ASV

8 Pin Wiring Harness

Wire

- A----- (-) Ground
- B----- LH lower switch button
- C----- LH upper rocker switch momentary (left motion)
- D----- LH upper rocker switch momentary (right motion)
- E----- (-) Ground
- F----- Not used (seat switch)
- G----- LH lower side switch button
- H----- Not used (seat switch)

Some loader models have different configuration handle switches. Verify functions for your particular skidsteer with a volt/ohm meter.

Fused to 20 amps

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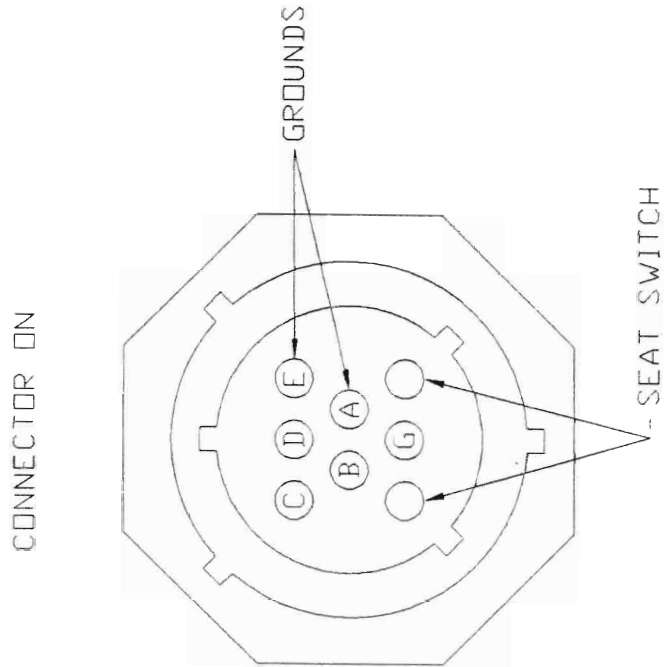
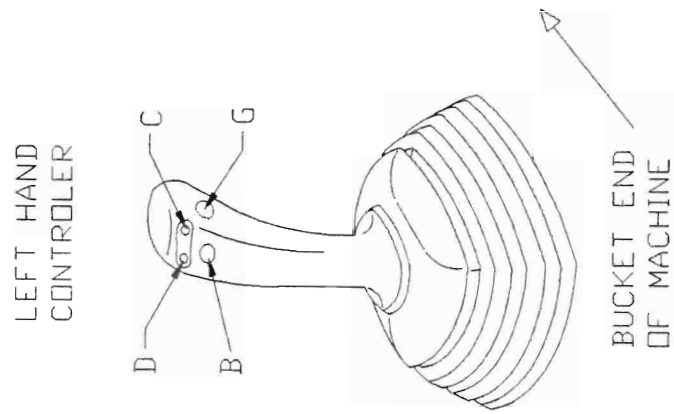
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