

Wiring 96-04 HD Hand Controls to the Yamaha V-Star 1100

List of things needed

Some spare wire (at least 2 colors)

A Standard 12V Flasher

Means of wire connection (butt connectors, solder, etc)

Step 1

Your HD controls have some wires (Orange/ White stripe) that have shared functions and must be split. First clip the Orange/ White stripe wire on the right control where it splits leaving the longest side still connected to the Front Brake switch, then attach some “spare wire” to the short piece (Signal Button) this wire is now called. **“New Wire #3”** Do the same thing on the left side leaving the longest piece attached to the Horn button, and attach some “spare wire” to the shortest piece (Signal Button) this will now be called **“New Wire #2”**

On the right side you also have a shared wire that is White/ Black stripe. Split this one too leaving the longest piece attached to the kill switch. Attach “spare wire” to the shortest piece (Start Button) and this wire will now be called **“New Wire #1”**

*****Note***** New Wire #2 & #3 can be the same color because they will be connected to the same place later!!

Step 2

Disconnect the + battery cable

Step 3

You must set up a new signaling system because the Yamaha relays will not work with your new HD controls. They will also only flash while you hold the button down, when you let go they cut off (This is how the older HD's all work and it is actually nice not to have to worry about leaving them on)

Find a place for your flasher (I just tucked it in behind the plastic neck cover)

Run a wire from the + battery terminal to one lug on the flasher.

The other lug will be connected to “New Wire #2:” and “New Wire #3”

Step 4

Cut all you wires about 6-8” short of the connectors on the handlebar side of the connectors (Leaving the connectors still hooked to each other and the bike) This is where you will make all your connections. Following the diagram I have provided.

CONVERSION TABLE

Function	Yamaha Wire Color	Yamaha Connector Color	HD Switch Wire Color
Left Switches			
Horn	Pink	White	Orange/ White stripe (from left side)
	Black	White	Yellow/BlackStripe
Hi / Lo	Red/Yellow stripe	White	Blue
	Green – Lo Beam	Blue	Yellow
	Yellow – Hi Beam	Blue	White
L Turn			New Wire #2
	Chocolate	Blue	White / Violet stripe
+++++++	+++++++	+++++++	+++++++
Right Switches			
Start	Blue/White stripe	Black	New Wire #1
	Black	Black	Black/ Red stripe
Run/Stop	Red/White stripe	Black	White/ Black stripe
	Red/Black stripe	Black	Gray
Brake lite	Lt. Brown	Black	Orange/ White stripe (from right side)
	Green/ Yellow stripe	Black	Red/ Yellow stripe
R Turn			New Wire # 3
	Dark green	Blue	White/ Brown stripe

Short these wires together.

Clutch	Black/Yellow stripe	Blue	Short together
Clutch	Blue/Yellow stripe	Blue	Short together

This disables the clutch safety switch and your bike will now turn over even if it is in gear, so **BE CAREFUL!!**

The Yellow/ Red stripe and the Lt. Brown/ White stripe wires in the **white connector** are to be cut and not used (just tape the end up on each one.)