Goldwing (GW) Sena Wireless Harness

Installation Instructions:

1. Remove the fairing edge trim from the left side of the GW’s shelter. Start at the bottom and work your way up. Pry from inside out.
2. Push in the center of each of the 4 clips that secure the left pocket box to the fairing; push in until they click, then remove and store the clips.
3. Remove the pocket box from the left side of the GW’s shelter.
4. Drill a ¼ inch hole in the bottom of the pocket box so later the GW-Sena Harness’ headset and microphone cables can be routed into the box.
5. Disconnect the GW’s stock wired driver’s audio harness from the GW’s audio system’s red connector under and to the right of the left pocket box removed earlier, but leave the GW’s stock wired driver’s audio harness in place, stowed where it is normally docked when not used. Since it is no longer connected, it will not support the use of cabled headsets.
6. Plug the 6-way connector on the GW-Sena Harness into the GW’s audio system’s red connector under and to the right of the left pocket box removed earlier.
7. Run the GW-Sena harness’ headset and microphone cables into the pocket box, through the hole drilled earlier.
8. Connect the GW-Sena harness’ headset plug into the headset jack on the Sena helmet clamp.
9. Connect the GW-Sena harness’ microphone plug into the microphone jack at the end of the cable from the Sena helmet clamp. If it won’t plug in, turn the plug 180 degrees and try again.
10. Place the helmet clamp loose in the compartment box. Later, you can mount the helmet clamp to the inner left side of the pocket box for a more secure configuration.
11. Position the GW-Sena harness to the right among the GW’s other electrical cables to make room for the pocket box and then re-install the pocket box back into its normal place.
12. Extend the center pin of each of the 4 clips, then insert one in each corner to secure the pocket box to the fairing. Push the center pin in to lock it in-place.
13. Re-install the fairing edge trim piece removed earlier.
14. Mount a fully charged Sena SMH10 into the helmet clamp.
15. Installation is complete. See operating instructions.

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Operating Instructions:

1. Turn the GW’s ignition key to the Accessory position.
2. Turn on the GW’s FM radio to the headphone configuration, tune it to a local station, and set the audio level to a normal value.
3. Turn on the SMH10 unit in the left pocket box. Turn the jog dial clockwise twice, stop, and then turn it back counterclockwise 30 degrees. This sets the microphone gain to a reasonable level. Do not use this jog dial to adjust any volume levels. The only thing it will adjust is the microphone gain. Later, you will adjust the gain to achieve the desired level of modulation.
4. Put your helmet on and turn on its SMH10. Turn the jog dial so the volume of the “HELLO” announcement is at a normal level.
5. Pair the two SMH10 units as instructed by the SMH10 Operating Manual.
6. Tap the jog dial once to establish an intercom link between the SMH10 units. This will connect your helmet system to the GW’s audio system. Now you should hear the FM radio’s output. Use the GW’s volume control to adjust the sound level. Don’t adjust your helmet’s SMH10 volume unless absolutely necessary.
7. Borrow another CB radio to test the GW’s CB transmit feature. Tune both radios to an isolated channel. Press the GW’s PTT switch and start speaking. Adjust the jog dial on the SMH10 unit in the pocket box to achieve a suitable level of modulation.
8. Test all audio sources, such as AM radio, Weather radio, Nav system.
9. Follow the SMH10 instructions on 3-way intercom to setup the passenger’s SMH10. When doing so, pair the passenger unit 1st, then the GW’s unit 2nd. Thereafter, a single tap of the jog dial will establish a connection between your helmet and the GW, and a double tap will bring the passenger into the conversation.
10. Follow the SMH10 Operating Manual to pair the driver or passenger units to a cell phone. A push of the phone button controls these devices. When using the cell phone, you will not be able to use the CB.