If the auto programming sequence fails even after following the troubleshooting steps, the **AXSWC** interface may be able to be manually programmed to the vehicle. This document only applies to resistive based steering wheel control vehicles (non-data communication vehicles that *do not* use the **Pink** wire for steering wheel control). Please read these steps beforehand to have a clear understanding of what is to be expected as this is a timed process. The procedure is broken up into two steps for reference, but the entire process must be completed.

Attention! If more than 10 seconds elapses between steps the procedure will abort.

Vehicle programming section:

1. Cycle the key on.

2. Press and hold the **Reset** button † in the interface for approximately 15 seconds, or until the light in the interface flashes slowly **Red**/**Green**. Release the **Reset** button at this point.

3. Press and hold the **Volume Up** button on the steering wheel until the light turns solid **Green**, then release. The light will then go out indicating **Volume Up** has now been programmed.

   Note: If the light doesn't turn solid **Green** after 7 seconds, there may be a problem with the vehicles **Volume Up** button.

4. Press and hold the **Volume Down** button on the steering wheel until the light turns solid **Green**, then release. The light will then go out indicating **Volume Down** has now been programmed.

5. Continue from **Seek Up / Next** in the **Manual Programming Legend** to reference the order in which the steering wheel control buttons must be programmed.

   Note: If a function in the legend is not present on the steering wheel, press the **Volume Up** button on the steering wheel until the light turns solid **Green**, then release. This will tell the interface to skip that function.

6. After the last steering wheel control button has been programmed, press and hold the **Volume Up** button on the steering wheel until the light flashes slowly **Red**/**Green**, then release.

   † The reset button is in the hole next to LED hole

Radio programming section:

7. Press and hold the **Volume Down** button on the steering wheel until the light flashes rapidly **Red**/**Green**, then release.

8. After approximately 4 seconds the light will go out for a couple seconds. The light will then flash **Red** up to 23 times depending on which radio is installed.

9. If the **Red** flashes *do* match the radio installed, continue on to step 10. If the **Red** flashes *do not* match the radio installed, press and hold the **Volume Up** button on the steering wheel until the light turns solid **Red**, then release. Repeat this step for the desired radio number selected. Reference the **Radio Legend**. Continue on to step 10 from this point.

10. Press and hold the **Volume Down** button on the steering wheel until the light goes solid **Red**.

11. This is the end of the manual programming sequence. Test the steering wheel controls for functionality.

Manual Programming Legend

Function #	Function	Function #	Function
1	Volume Up	10	Band
2	Volume Down	11	Play / Enter
3	Seek Up / Next	12	PTT (push to talk)
4	Seek Down / Previous	13	On Hook
5	Source / Mode	14	Off Hook
6	Mute	15	Fan Up
7	Preset Up	16	Fan Down
8	Preset Down	17	Temp Up
9	Power	18	Temp Down

Keynotes

a. Some vehicles may not retain certain steering wheel control commands. Non-audio commands may or may not be recognized, i.e., Bluetooth or Menu commands. Known vehicles are GM vehicles with OnStar, and Ford vehicles with SYNC.

b. Aftermarket radios without Bluetooth capability will not recognize **PTT (push to talk)** or **On/Off Hook** commands. However, these buttons may be able to be manually programmed for other commands. Contact the radio Manufacturer for specific commands the radio will recognize.

Radio Legend

Radio #	Radio	Radio #	Radio
1	Eclipse (Type 1)	13	LG
2	Kenwood	14	Parrot
3	Clarion (Type 1)	15	XITE
4	Boss (Type 1) / Dual / Sony	16	Phillips
5	JVC	17	Kicker
6	Pioneer / Jensen	18	JBL
7	Alpine	19	Insane Audio
8	Visteon / Boss (Type 4)	20	Magnadyne
9	Valor	21	Boss (Type 3)
10	Clarion (Type 2)	22	Axxera (resistive SWC)
11	Boss (Type 2) / Metra OE	23	Axxera (data SWC)
12	Eclipse (Type 2)		