

INGENIX

INGENIX MODEL INSTALLATION MANUAL.





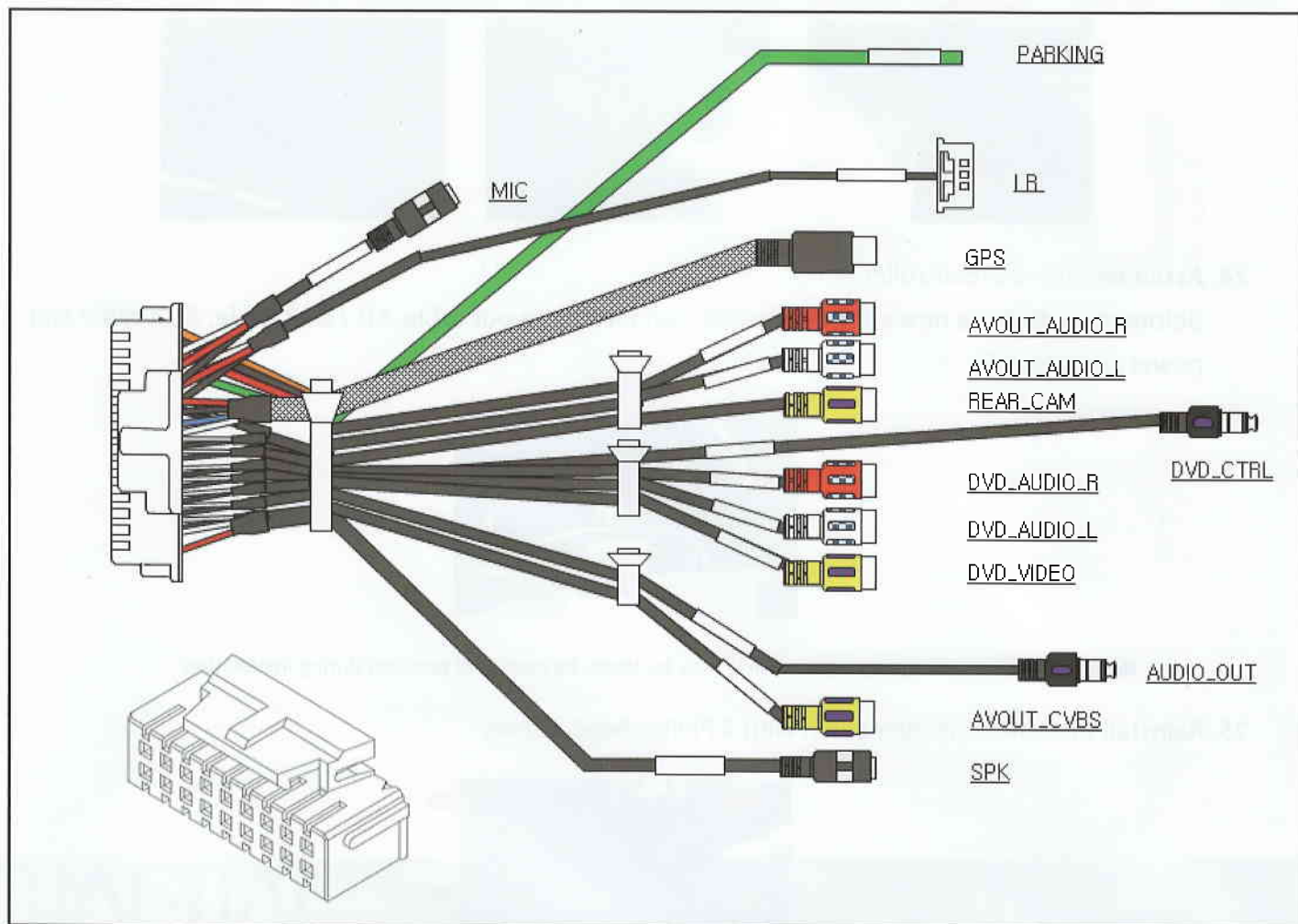
Installation of the Ingenix P-84SNTA OEM integration source unit is rather simple, "IF" you know the proper steps. Please look through this installation manual carefully as the contained information can save you time as well as minimize the risk of damage to the vehicle, Ingenix source unit, or even yourself. Below is a breakdown of everything you need to know to properly install the P-84SNTA Ingenix source unit.

TOOLS YOU WILL NEED

Plastic or Poly/Nylon automotive trim removal tool (aka panel popper)

Philips head #2 screw driver

WIRING DIAGRAM



Included installation Parts

POWER cable



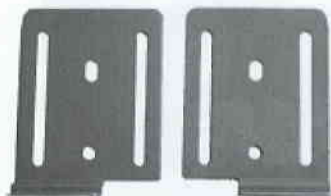
EXTENSION cable



MICROPHONE



RADIO Bracket



SCREW



Controller mounting bracket



SPEAKER



Controller mounting panel



MAIN Unit



SIDE TRIM PANNEL



AUX cable



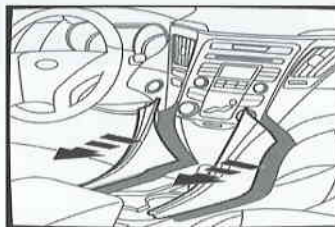
GPS ANTENNA



USB/SD CABLE

INSTALLATION STEP BY STEP

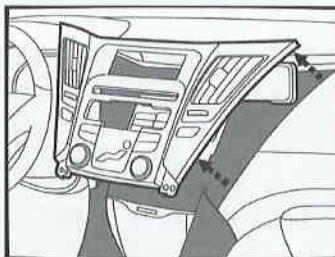
1. Disconnect power from the vehicle by removing the negative terminal from the battery.
This will prevent any potential short circuits.
2. 2 Trim panels surrounding the shifter and pocket will need to be unclipped and removed.



3. Remove 4 Philips head screws at the top left and right side of the pocket.



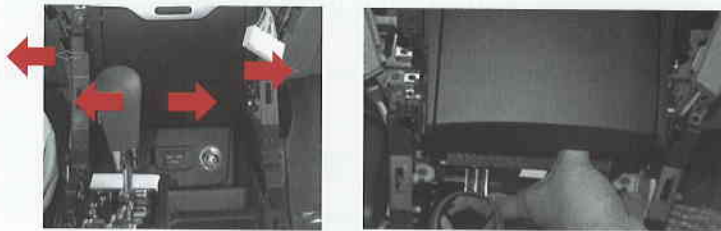
4. Remove the radio trim panel including climate control and vents.



5. Remove 6 Philips head screws securing the radio and factory brackets.



6. Open the guide-trim to both sides. Then remove 4 Philips head screws. Remove pocket section.

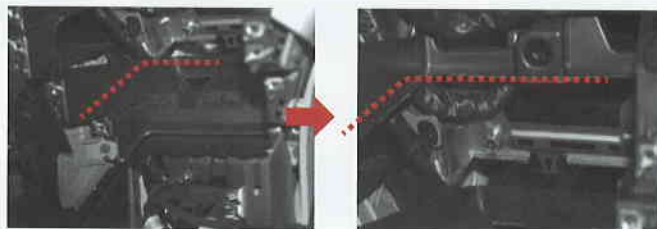


7. Remove the power socket and AUX/USB panel from vehicle

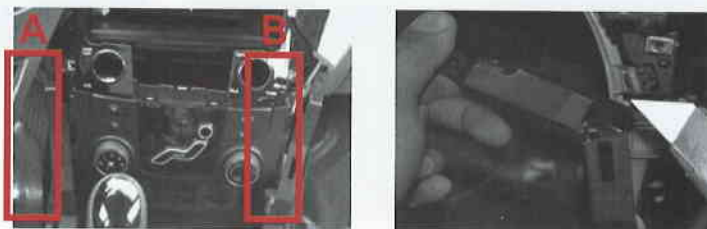


Note :remove the both power socket and aux/usbmodule from the plastic panel.

8. Cut the lined section in the rear of the plastic casing.



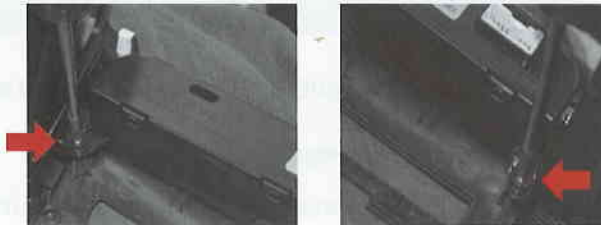
9. Cut the side supports 'A' and 'B' as pictured below.



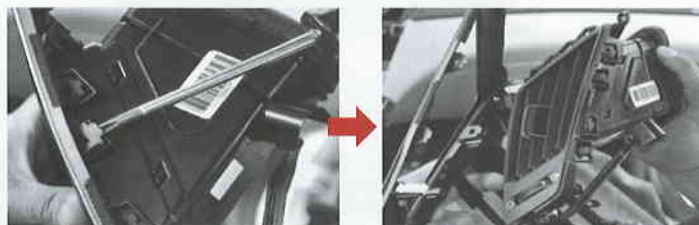
10. Remove 4 Philips head screws to remove the Controller module from the trim panel.



11. Remove the clock module.



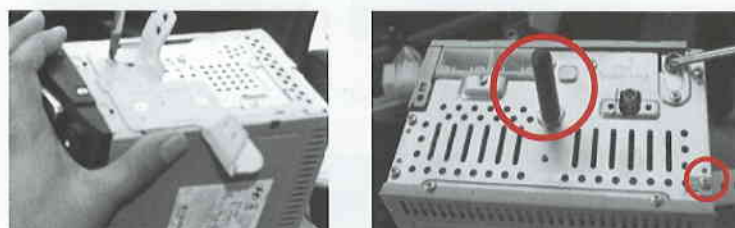
12. Remove both air vent module.



13. Remove the hazard switch module.



14. Remove both radio brackets and mounting pole from radio back side.



15. Reassemble the with the supplied radio brackets.



16. Reassemble the radio to main unit using 4 Philips head screws.



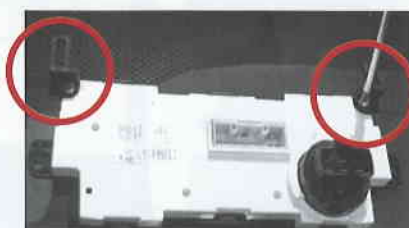
17. Cut the marked point of air vent module to avoid interference.



18. Reassemble both air vent ducts, clock module and switch module



19. Reassemble controller module onto new panel with both mounting brackets.

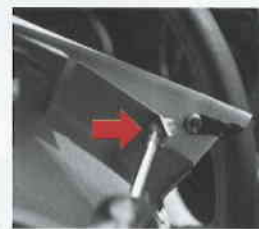
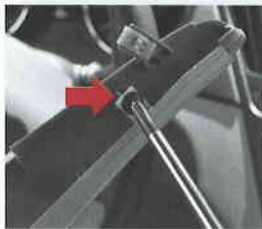


20. Reassemble cigar socket and AUX/USB module onto new panel, and connect cable as pictured.



21. Disassemble original side trim panels.

22. Reassemble side trim panels with supplied replacement brackets.



23. Rout GPS antenna, small speaker and microphone.



24. Assemble the new controller panel.

Before mounting the new controller panel, connect audio out cable, SD / USB cable, AUX cable and power socket cable.



Note : Power socket harness from vehicle may be short, be careful of position during installation

25. Reinstall the new controller panel with 4 Philips head screws



26. Route power cable.(B+, ACC, GND)



ASP SIGNAL											
Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function
1	SPK L	13	SPK R	25	ACC	37	ACC	49	ACC	61	ACC
2	SPK L	14	SPK R	26	ACC	38	ACC	50	ACC	62	ACC
3	SPK L	15	SPK R	27	ACC	39	ACC	51	ACC	63	ACC
4	SPK L	16	SPK R	28	ACC	40	ACC	52	ACC	64	ACC
5	SPK L	17	SPK R	29	ACC	41	ACC	53	ACC	65	ACC
6	SPK L	18	SPK R	30	ACC	42	ACC	54	ACC	66	ACC
7	SPK L	19	SPK R	31	ACC	43	ACC	55	ACC	67	ACC
8	SPK L	20	SPK R	32	ACC	44	ACC	56	ACC	68	ACC
9	SPK L	21	SPK R	33	ACC	45	ACC	57	ACC	69	ACC
10	SPK L	22	SPK R	34	ACC	46	ACC	58	ACC	70	ACC
11	SPK L	23	SPK R	35	ACC	47	ACC	59	ACC	71	ACC
12	SPK L	24	SPK R	36	ACC	48	ACC	60	ACC	72	ACC
13	SPK L	25	SPK R	37	ACC	49	ACC	61	ACC	73	ACC
14	SPK L	26	SPK R	38	ACC	50	ACC	62	ACC	74	ACC
15	SPK L	27	SPK R	39	ACC	51	ACC	63	ACC	75	ACC
16	SPK L	28	SPK R	40	ACC	52	ACC	64	ACC	76	ACC
17	SPK L	29	SPK R	41	ACC	53	ACC	65	ACC	77	ACC
18	SPK L	30	SPK R	42	ACC	54	ACC	66	ACC	78	ACC
19	SPK L	31	SPK R	43	ACC	55	ACC	67	ACC	79	ACC
20	SPK L	32	SPK R	44	ACC	56	ACC	68	ACC	80	ACC
21	SPK L	33	SPK R	45	ACC	57	ACC	69	ACC	81	ACC
22	SPK L	34	SPK R	46	ACC	58	ACC	70	ACC	82	ACC
23	SPK L	35	SPK R	47	ACC	59	ACC	71	ACC	83	ACC
24	SPK L	36	SPK R	48	ACC	60	ACC	72	ACC	84	ACC
25	SPK L	37	SPK R	49	ACC	61	ACC	73	ACC	85	ACC
26	SPK L	38	SPK R	50	ACC	62	ACC	74	ACC	86	ACC
27	SPK L	39	SPK R	51	ACC	63	ACC	75	ACC	87	ACC
28	SPK L	40	SPK R	52	ACC	64	ACC	76	ACC	88	ACC
29	SPK L	41	SPK R	53	ACC	65	ACC	77	ACC	89	ACC
30	SPK L	42	SPK R	54	ACC	66	ACC	78	ACC	90	ACC
31	SPK L	43	SPK R	55	ACC	67	ACC	79	ACC	91	ACC
32	SPK L	44	SPK R	56	ACC	68	ACC	80	ACC	92	ACC
33	SPK L	45	SPK R	57	ACC	69	ACC	81	ACC	93	ACC
34	SPK L	46	SPK R	58	ACC	70	ACC	82	ACC	94	ACC
35	SPK L	47	SPK R	59	ACC	71	ACC	83	ACC	95	ACC
36	SPK L	48	SPK R	60	ACC	72	ACC	84	ACC	96	ACC
37	SPK L	49	SPK R	61	ACC	73	ACC	85	ACC	97	ACC
38	SPK L	50	SPK R	62	ACC	74	ACC	86	ACC	98	ACC
39	SPK L	51	SPK R	63	ACC	75	ACC	87	ACC	99	ACC
40	SPK L	52	SPK R	64	ACC	76	ACC	88	ACC	100	ACC
41	SPK L	53	SPK R	65	ACC	77	ACC	89	ACC	101	ACC
42	SPK L	54	SPK R	66	ACC	78	ACC	90	ACC	102	ACC
43	SPK L	55	SPK R	67	ACC	79	ACC	91	ACC	103	ACC
44	SPK L	56	SPK R	68	ACC	80	ACC	92	ACC	104	ACC
45	SPK L	57	SPK R	69	ACC	81	ACC	93	ACC	105	ACC
46	SPK L	58	SPK R	70	ACC	82	ACC	94	ACC	106	ACC
47	SPK L	59	SPK R	71	ACC	83	ACC	95	ACC	107	ACC
48	SPK L	60	SPK R	72	ACC	84	ACC	96	ACC	108	ACC
49	SPK L	61	SPK R	73	ACC	85	ACC	97	ACC	109	ACC
50	SPK L	62	SPK R	74	ACC	86	ACC	98	ACC	110	ACC
51	SPK L	63	SPK R	75	ACC	87	ACC	99	ACC	111	ACC
52	SPK L	64	SPK R	76	ACC	88	ACC	100	ACC	112	ACC
53	SPK L	65	SPK R	77	ACC	89	ACC	101	ACC	113	ACC
54	SPK L	66	SPK R	78	ACC	90	ACC	102	ACC	114	ACC
55	SPK L	67	SPK R	79	ACC	91	ACC	103	ACC	115	ACC
56	SPK L	68	SPK R	80	ACC	92	ACC	104	ACC	116	ACC
57	SPK L	69	SPK R	81	ACC	93	ACC	105	ACC	117	ACC
58	SPK L	70	SPK R	82	ACC	94	ACC	106	ACC	118	ACC
59	SPK L	71	SPK R	83	ACC	95	ACC	107	ACC	119	ACC
60	SPK L	72	SPK R	84	ACC	96	ACC	108	ACC	120	ACC
61	SPK L	73	SPK R	85	ACC	97	ACC	109	ACC	121	ACC
62	SPK L	74	SPK R	86	ACC	98	ACC	110	ACC	122	ACC
63	SPK L	75	SPK R	87	ACC	99	ACC	111	ACC	123	ACC
64	SPK L	76	SPK R	88	ACC	100	ACC	112	ACC	124	ACC
65	SPK L	77	SPK R	89	ACC	101	ACC	113	ACC	125	ACC
66	SPK L	78	SPK R	90	ACC	102	ACC	114	ACC	126	ACC
67	SPK L	79	SPK R	91	ACC	103	ACC	115	ACC	127	ACC
68	SPK L	80	SPK R	92	ACC	104	ACC	116	ACC	128	ACC
69	SPK L	81	SPK R	93	ACC	105	ACC	117	ACC	129	ACC
70	SPK L	82	SPK R	94	ACC	106	ACC	118	ACC	130	ACC
71	SPK L	83	SPK R	95	ACC	107	ACC	119	ACC	131	ACC
72	SPK L	84	SPK R	96	ACC	108	ACC	120	ACC	132	ACC
73	SPK L	85	SPK R	97	ACC	109	ACC	121	ACC	133	ACC
74	SPK L	86	SPK R	98	ACC	110	ACC	122	ACC	134	ACC
75	SPK L	87	SPK R	99	ACC	111	ACC	123	ACC	135	ACC
76	SPK L	88	SPK R	100	ACC	112	ACC	124	ACC	136	ACC
77	SPK L	89	SPK R	101	ACC	113	ACC	125	ACC	137	ACC
78	SPK L	90	SPK R	102	ACC	114	ACC	126	ACC	138	ACC
79	SPK L	91	SPK R	103	ACC	115	ACC	127	ACC	139	ACC
80	SPK L	92	SPK R	104	ACC	116	ACC	128	ACC	140	ACC
81	SPK L	93	SPK R	105	ACC	117	ACC	129	ACC	141	ACC
82	SPK L	94	SPK R	106	ACC	118	ACC	130	ACC	142	ACC
83	SPK L	95	SPK R	107	ACC	119	ACC	131	ACC	143	ACC
84	SPK L	96	SPK R	108	ACC	120	ACC	132	ACC	144	ACC
85	SPK L	97	SPK R	109	ACC	121	ACC	133	ACC	145	ACC
86	SPK L	98	SPK R	110	ACC	122	ACC	134	ACC	146	ACC
87	SPK L	99	SPK R	111	ACC	123	ACC	135	ACC	147	ACC
88	SPK L	100	SPK R	112	ACC	124	ACC	136	ACC	148	ACC
89	SPK L	101	SPK R	113	ACC	125	ACC	137	ACC	149	ACC
90	SPK L	102	SPK R	114	ACC	126	ACC	138	ACC	150	ACC
91	SPK L	103	SPK R	115	ACC	127	ACC	139	ACC	151	ACC
92	SPK L	104	SPK R	116	ACC	128	ACC	140	ACC	152	ACC
93	SPK L	105	SPK R	117	ACC	129	ACC	141	ACC	153	ACC
94	SPK L	106	SPK R	118	ACC	130	ACC	142	ACC	154	ACC
95	SPK L	107	SPK R	119	ACC	131	ACC	143	ACC	155	ACC
96	SPK L	108	SPK R	120	ACC	132	ACC	144	ACC	156	ACC
97	SPK L	109	SPK R	121	ACC	133	ACC	145	ACC	157	ACC
98	SPK L	110	SPK R	122	ACC	134	ACC	146	ACC	158	ACC
99	SPK L	111	SPK R	123	ACC	135	ACC	147	ACC	159	ACC
100	SPK L	112	SPK R	124	ACC	136	ACC	148	ACC	160	ACC
101	SPK L	113	SPK R	125	ACC	137	ACC	149	ACC	161	ACC
102	SPK L	114	SPK R	126	ACC	138	ACC	150	ACC	162	ACC
103	SPK L	115	SPK R	127	ACC	139	ACC	151	ACC	163	ACC
104	SPK L	116	SPK R	128	ACC	140	ACC	152	ACC	164	ACC
105	SPK L	117	SPK R	129	ACC	141	ACC	153	ACC	165	ACC
106	SPK L	118	SPK R	130	ACC	142	ACC	154	ACC	166	ACC
107	SPK L	119	SPK R	131	ACC	143	ACC	155	ACC	167	ACC
108	SPK L	120	SPK R	132	ACC	144	ACC	156	ACC	168	ACC
109	SPK L	121	SPK R	133	ACC	145	ACC	157	ACC	169	ACC
110	SPK L	122	SPK R	134	ACC	146	ACC	158	ACC	170	ACC
111	SPK L	123	SPK R	135	ACC	147	ACC	159	ACC	171	ACC
112	SPK L	124	SPK R	136	ACC	148	ACC	160	ACC	172	ACC
113	SPK L	125	SPK R	137	ACC	149	ACC	161	ACC	173	ACC
114	SPK L	126	SPK R	138	ACC	150	ACC	162	ACC	174	ACC
115	SPK L	127	SPK R	139	ACC	151	ACC	163	ACC	175	ACC
116	SPK L	128	SPK R	140	ACC	152	ACC	164	ACC	176	ACC
117	SPK L	129	SPK R	141	ACC	153	ACC	165	ACC	177	ACC
118											

28. Reinstall side trim panel

29. Check over all panels and make sure nothing is loose.

30. Reconnect the negative battery terminal and test all installed functions of the radio to complete the installation.

It is a good idea to make notes of and wiring done in the vehicle for future reference.

You should keep these notes with your manual for future reference.

MEMO

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