

Mapping worksheet for HSH instruments. Uses our T4-Switch, P1 & P2 Switch, M1 Switch

Use this mapping worksheet for HSH instruments (requires having two 4-wire humbucker pickups)
 Lets you get 276 Pickup Tones. (see our website Document Library Document #L for wiring information)

Switch Switches: SW1, SW2, SW3, SW4: D=Down, U=Up, blank=Off
Legend Switches: S5B, S5N: U=Up, blank=Down
 Switch M1: Controls middle single-coil pickup. D=Down, U=Up, blank=Off
 Switches: P1, P2: O=Out, blank=In (P1, P2 are switches mounted to standard push-pull pots)
 P1=Tone pot, P2=Volume pot

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Transfer your "favorite" three pickup tone switch positions to Fav-1, Fav-2 and Fav-3.

	SW4	S5N	SW3	P2	P1	M1	SW2	S5B	SW1	What the Pickup tone sounds like to you
Fav-1										
Fav-2										
Fav-3										
1									D	
2							D			
3							D		D	
4							U		D	
5							D	U	D	
6							U	U	D	
7						D				
8			D							
9	D									
10	D		D							
11	U		D							
12	D	U	D							
13	U	U	D							
14						D			D	
15			D						D	
16	D								D	
17			D			D			D	
18	D					D			D	
19	D		D						D	
20	D		D			D			D	
21	D		U			D			D	
22	D	U	D			D			D	
23	D	U	U			D			D	
24						U			D	
25			U						D	
26	U								D	
27			U			U			D	
28	U					U			D	
29	U		U						D	
30	U		U			U			D	
31	U		D			U			D	
32	D	U	D			U			D	
33	U	U	D			U			D	
34	D	U	D			D			U	
35	D	U	U			D			U	
36	U		D			U			U	
37	D	U	D			U			U	
38	U	U	D			U			U	
39						D	D			
40			D				D			
41	D						D			
42			D			D	D			
43	D					D	D			
44	D		D				D			
45	D		D			D	D			

	SW4	S5N	SW3	P2	P1	M1	SW2	S5B	SW1	What the Pickup tone sounds like to you
46	D		U			D	D			
47	D	U	D			D	D			
48	D	U	U			D	D			
49						U	D			
50			U				D			
51	U						D			
52			U			U	D			
53	U					U	D			
54	U		U				D			
55	U		U			U	D			
56	U		D			U	D			
57	D	U	D			U	D			
58	U	U	D			U	D			
59	D	U	D			D	U			
60	D	U	U			D	U			
61						U	U			
62	U		D			U	U			
63	D	U	D			U	U			
64	U	U	D			U	U			
65						D	D		D	
66			D				D		D	
67	D						D		D	
68			D			D	D		D	
69	D					D	D		D	
70	D		D				D		D	
71	D		D			D	D		D	
72	D		U			D	D		D	
73	D	U	D			D	D		D	
74	D	U	U			D	D		D	
75						U	D		D	
76			U				D		D	
77	U						D		D	
78			U			U	D		D	
79	U					U	D		D	
80	U		U				D		D	
81	U		U			U	D		D	
82	U		D			U	D		D	
83	D	U	D			U	D		D	
84	U	U	D			U	D		D	
85						D	U		D	
86			D				U		D	
87	D						U		D	
88			D			D	U		D	
89	D					D	U		D	
90	D		D				U		D	
91	D		D			D	U		D	
92	D		U			D	U		D	
93	D	U	D			D	U		D	
94	D	U	U			D	U		D	
95						U	U		D	
96			U				U		D	
97	U						U		D	
98			U			U	U		D	
99	U					U	U		D	
100	U		U				U		D	
101	U		U			U	U		D	
102	U		D			U	U		D	
103	D	U	D			U	U		D	
104	U	U	D			U	U		D	
105						D	D	U	D	

	SW4	S5N	SW3	P2	P1	M1	SW2	S5B	SW1	What the Pickup tone sounds like to you
106			D				D	U	D	
107	D						D	U	D	
108			D			D	D	U	D	
109	D					D	D	U	D	
110	D		D				D	U	D	
111	D		D			D	D	U	D	
112	D		U			D	D	U	D	
113	D	U	D			D	D	U	D	
114	D	U	U			D	D	U	D	
115						U	D	U	D	
116			U				D	U	D	
117	U						D	U	D	
118			U			U	D	U	D	
119	U					U	D	U	D	
120	U		U				D	U	D	
121	U		U			U	D	U	D	
122	U		D			U	D	U	D	
123	D	U	D			U	D	U	D	
124	U	U	D			U	D	U	D	
125						D	U	U	D	
126			D				U	U	D	
127	D						U	U	D	
128			D			D	U	U	D	
129	D					D	U	U	D	
130	D		D				U	U	D	
131	D		D			D	U	U	D	
132	D		U			D	U	U	D	
133	D	U	D			D	U	U	D	
134	D	U	U			D	U	U	D	
135						U	U	U	D	
136			U				U	U	D	
137	U						U	U	D	
138			U			U	U	U	D	
139	U					U	U	U	D	
140	U		U				U	U	D	
141	U		U			U	U	U	D	
142	U		D			U	U	U	D	
143	D	U	D			U	U	U	D	
144	U	U	D			U	U	U	U	
145			D			D				
146			D			U				
147			D			U			D	
148			D			U	D			
149			D			U	D		D	
150			D			U	U		D	
151			D			U	D	U	D	
152			D			U	U	U	D	
153			U			D				
154			U			D			D	
155			U			D	D			
156			U			D	D		D	
157			U			D	U		D	
158			U			D	D	U	D	
159			U			D	U	U	D	
160			U			U				
161	D					D				
162	D					U				
163	D					U			D	
164	D					U	D			
165	D					U	D		D	

	SW4	S5N	SW3	P2	P1	M1	SW2	S5B	SW1	What the Pickup tone sounds like to you
166	D					U	U		D	
167	D					U	D	U	D	
168	D					U	U	U	D	
169	U					D				
170	U					D			D	
171	U					D	D			
172	U					D	D		D	
173	U					D	U		D	
174	U					D	D	U	D	
175	U					D	U	U	D	
176	U					U				
177	D		D			D				
178	D		D			U				
179	D		D			U			D	
180	D		D			U	D			
181	D		D			U	D		D	
182	D		D			U	U		D	
183	D		D			U	D	U	D	
184	D		D			U	U	U	D	
185	U		D						D	
186	U		D				D			
187	U		D			D				
188	U		D				D		D	
189	U		D			D			D	
190	U		D			D	D			
191	U		D			D	D		D	
192	U		D			D	U		D	
193	U		D			D	D	U	D	
194	U		D			D	U	U	D	
195	U		D			U				
196	D	U	D						D	
197	D	U	D				D			
198	D	U	D			D				
199	D	U	D				D		D	
200	D	U	D			U				
201	U	U	D						D	
202	U	U	D				D			
203	U	U	D			D				
204	U	U	D				D		D	
205	U	U	D			D			D	
206	U	U	D			D	D			
207	U	U	D			D	D		D	
208	U	U	D			D	U		D	
209	U	U	D			D	D	U	D	
210	U	U	D			D	U	U	D	
211	U	U	D			U				
212	U	U	D			U	U	U	D	

**These combinations are P1 spanning Bridge (north) and Neck (south) coils.
This puts these two coils in Series.**

213			D		O		D			
214			D		O		D		D	
215			D		O		D		U	
216			D		O		D	U	D	
217			D		O		D	U	U	
218	D		D		O		D			
219	U		D		O		D			
220	D	U	D		O		D			
221	U	U	D		O		D			
222	D		D		O		D		D	

	SW4	S5N	SW3	P2	P1	M1	SW2	S5B	SW1	What the Pickup tone sounds like to you
223	D		D		O		D		U	
224	D		D		O		D	U	D	
225	D		D		O		D	U	U	
226	U		D		O		D		D	
227	D	U	D		O		D		D	
228	U	U	D		O		D		D	
229	D	U	D		O		D	U	D	Q (see below)
230	D	U	D		O		D	U	U	Q
231	U	U	D		O		D	U	D	Q
232	U	U	D		O		D	U	U	Q
233			D		O	D	D			
234			D		O	D	D		D	
235			D		O	D	D		U	
236			D		O	D	D	U	D	
237			D		O	D	D	U	U	
238	D		D		O	D	D			
239	U		D		O	D	D			
240	D	U	D		O	D	D			
241	U	U	D		O	D	D			
242	D		D		O	D	D		D	
243	D		D		O	D	D		U	
244	D		D		O	D	D	U	D	
245	D		D		O	D	D	U	U	
246	U		D		O	D	D		D	
247	D	U	D		O	D	D		D	
248	U	U	D		O	D	D		D	
249	D	U	D		O	D	D	U	D	
250	D	U	D		O	D	D	U	U	
251	U	U	D		O	D	D	U	D	
252	U	U	D		O	D	D	U	U	
253			D		O	U	D			
254			D		O	U	D		D	
255			D		O	U	D		U	
256			D		O	U	D	U	D	
257			D		O	U	D	U	U	
258	D		D		O	U	D			
259	U		D		O	U	D			
260	D	U	D		O	U	D			
261	U	U	D		O	U	D			
262	D		D		O	U	D		D	
263	D		D		O	U	D		U	
264	D		D		O	U	D	U	D	
265	D		D		O	U	D	U	U	
266	U		D		O	U	D		D	
267	D	U	D		O	U	D		D	
268	U	U	D		O	U	D		D	
269	D	U	D		O	U	D	U	D	
270	D	U	D		O	U	D	U	U	
271	U	U	D		O	U	D	U	D	
272	U	U	D		O	U	D	U	U	

Q = The above combinations produce **QuadraBucker™** pickup tones (all 4 coils in series)

The following combinations produce **PentaBucker™** pickup tones (all 5 coils in series)

273	D	U	D	O	O	D	D	U	D	
274	D	U	D	O	O	D	D	U	U	
275	D	U	D	O	O	U	D	U	D	
276	D	U	D	O	O	U	D	U	U	