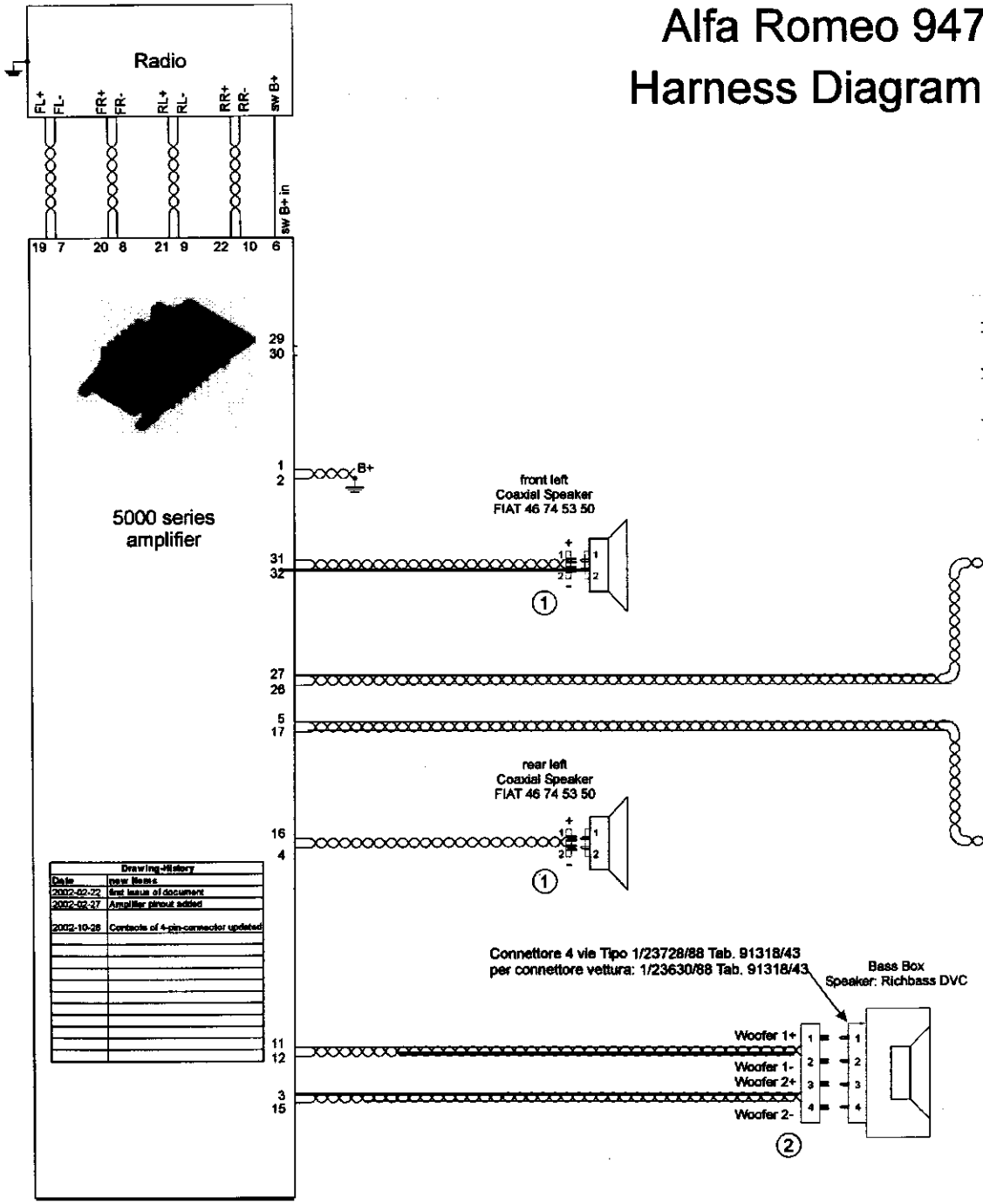
Alfa Romeo 947
Harness Diagramm



connector chart				
Pos.	Supplier	Housing P/N	type	Connector P/N
1	AMP	AMP 142 680 - 4	female	AMP 142 686 - 1
2	AMP	AMP 4 - 142 143 - 4	female	AMP 144 839 - 2
3	Delphi Packard	P/N: 12047663	male	

Cable twisted in pairs and shielded (30-60 turns/m)

Cable twisted in pairs (30-60 turns/m)

not twisted, not shielded

coupler amplifier side	1534046-1 (AMP EUROPE)
coupler harness side	1-1534053-1 (AMP EUROPE)

Pinout amplifier 5000			
PIN	FUNCTION	DESCRIPTION	Ø in mm²
1	POWER	Battery+	4.0
2	GROUND	GND	4.0
3	OUTPUT CH 6+	Woofer Coil 2+	1.0
4	OUTPUT CH 3-	Speaker rear left -	1.0
5	OUTPUT CH 4+	Speaker rear right +	1.0
6	CONTROL SW B+	switched B+ in from HU	0.5
7	INPUT CH 1-	front left - from HU	0.5
8	INPUT CH 2-	front right - form HU	0.5
9	INPUT CH 3-	rear left - from HU	0.5
10	INPUT CH 4-	rear right - from HU	0.5
11	OUTPUT CH 5+	Woofer Coil 1+	1.0
12	OUTPUT CH 5-	Woofer Coil 1-	1.0
13	OUTPUT CH 7-	NC	-
14	OUTPUT CH 7+	NC	-
15	OUTPUT CH 6-	Woofer Coil 2-	1.0
16	OUTPUT CH 3+	Speaker rear left +	1.0
17	OUTPUT CH 4-	Speaker rear right -	1.0
18	CONTROL (TBD)	NC	-
19	INPUT CH 1+	front left + from HU	0.5
20	INPUT CH 2+	front right + form HU	0.5
21	INPUT CH 3+	rear left + from HU	0.5
22	INPUT CH 4+	rear right + from HU	0.5
23	INPUT CH 5-	NC	-
24	CNTRL AMP MUTE	NC	-
25	CONTROL I/O	NC	-
26	OUTPUT CH 2-	Speaker front right -	1.0
27	OUTPUT CH 2+	Speaker front right +	1.0
28	INPUT CH 5+	NC	-
29	INPUT CH 6+	NC	0.5
30	INPUT CH 6- (GND)	NC	0.5
31	OUTPUT CH 1+	Speaker front left +	1.0
32	OUTPUT CH 1-	Speaker front left -	1.0