



# Zündzeitpunkte Vespa Modelle Ignition timing table Vespa models

Smallframe original											
Zylinder	ccm	ZZP+ vor OT	Vergaser	Düse	Auspuff	Welle	Hub	Übersetzung	Bosch		
<b>50ccm</b>											
V 50 (V5A1-V5B3)	50	19*	16.10	Original	Original	Original	43	Original	W5AC		
V50 SS / Sprinter / SR (V5SS1/V5SS2)	50	19*	16.10	Original	Original	Original	43	Original	W4AC		
PK 50 / PK 50S / PK 50S Elestart (V5X1-3)	50	19*	16.10F	Original	Original	Original	43	Original	W5AC		
<b>80ccm</b>											
PK 80 (V8X1)	80	19*	19.19E	Original	Original	Original	51	Original	W4AC		
<b>90ccm</b>											
V90 (V9A1)	90	19*	16.16	Original	Original	Original	51	Original	W4/5AC		
SS90 (V9SS1)	90	19*	16.16	Original	Original	Original	51	Original	W7AC		
90 (V9SS2)	90	19*	16.16	Original	Original	Original	51	Original	W5AC		
<b>125ccm</b>											
125 Nuova (VMA1)	125	25*	16.16	Original	Original	Original	51	Original	W5AC		
125 Primavera (VMA2)	125	25*	16.16	Original	Original	Original	51	Original	W4AC		
125 Primavera ET3 (VMB1)	125	20*	16.16	Original	Original	Original	51	Original	W4AC		
ETS	125	19*	20.20	Original	Original	Original	51	Original	W4CC		
PK 125 / PK 125S (VMX1-6)	125	19*	19.19E	Original	Original	Original	51	Original	W5AC		
<b>Smallframe Tuning</b>											
Zylinder	ccm	ZZP+	Vergaser	Düse (HD)	Auspuff	Welle	Hub	Übersetzung	Zündkerze		
<b>50ccm</b>											
D.R.	50	19*	16.10	60-65	SIP Krummer	Standard	43	Standard	W5AC		
POLINI	50	17*	16.10	60-65	SITO Plus	Standard	43	16/19 (4.31)	W4AC		
POLINI	50	17*	16.16	60-65	ET3-Banane	Standard	43	16/19 (4.31)	W4AC		
<b>75ccm</b>											
D.R.	75	17*	16.16	65-72	SITO Plus	Standard	43	16/19 (4.31)	W4AC		
D.R. F1	75	19*	19.19	78-86	POLINI Banane	Rennwelle	43	18/67 (3.72)	W4AC		
POLINI	75	17*	16.16	65-72	ET3-Banane	Standard	43	18/67 (3.72)	W4AC		
POLINI Racing	75	18*	19.19	85-95	POLINI Righthand	Rennwelle	43	18/67 (3.72)	W4AC		
PINASCO	75	18*	16.12	80	SITO Plus	Standard	43	Automatik	W4AC		
MALOSS	75	17*	16.16	65-72	MALOSS	Rennwelle	43	21/72 (3.43)	W4AC		
<b>85ccm</b>											
D.R.	85	17*	19.19	75-82	SITO Plus	Standard	43	25/72 (2.88)	W4AC		
PINASCO	85	18*	19.19	75-82	ET3-SS-Banane	Rennwelle	43	24/69 (2.88)	W4AC		
D.R.	85	19*	19.19	75-82	ET3-SS-Banane	Rennwelle	43	26/69 (2.76)	W4AC		
POLINI	85	19*	20.20	75-82	POLINI Banane	Rennwelle	43	25/69 (2.65)	W4AC		
<b>102ccm</b>											
D.R.	102	17*	19.19	78-84	SITO Plus	Rennwelle	43	24/72 (3.00)	W4AC		
PINASCO Alu	102	18*	20.20	80-88	POLINI/EOVINCE	Rennwelle	43	21/60 (2.86)	W4AC		
POLINI	102	17*	20.20	88-98	POLINI Evo II	Rennwelle	43	25/72 (2.88)	W4AC		
MALOSS	102	16*	20.20	88-98	MALOSS Banane	Rennwelle	43	26/69 (2.76)	W4AC		
<b>112ccm</b>											
POLINI	112	16*	20.20	85-92	ET3-SS-Banane	Rennwelle	43	23/60 (2.61)	W3AC		
MALOSS	112	16*	24.24	90-115	POLINI Evo II	Rennwelle	43	26/69 (2.76)	W3AC		
D.R. / POLINI	130	17*	19.19	89-95	ET3-SS-Banane	Standard	51	23/60 (2.61)	W3AC		
PINASCO	125	17*	19.19	89-95	ET3-SS-Banane	Rennwelle	51	26/69 (2.65)	W3AC		
POLINI	130	16*	24.24	90-100	POLINI Banane	Rennwelle	51	27/69 (2.56)	W3AC		
POLINI GS	130	16*	30	105-115	VSP Race	Lippenwelle	51	23/58 (2.52)	W3AC		
POLINI Racing	130	16*	30	110-120	POLINI Evo II	POLINI Evo	51	21/60 (2.86)	W3AC		
POLINI DA	130	16*	24/25	95-115	POLINI Banane	Rennwelle	51	21/60 (2.86)	W3AC		
MALOSS	136	17*	25	98-118	FRANZ	Vollwangenwelle	51	23/58 (2.52)	W3AC		
MALOSS	136	17*	30	105-120	VSP Race	Vollwangenwelle	51	21/60 (2.86)	W3AC		
<b>123-153ccm</b>											
PARMARIT	130	17*	PHB 30	115-125	VSP Road	Rennwelle	51	21/60 (2.86)	W2CC		
PARMARIT	130	17*	25	125-138	PARMARIT	Vollwangenwelle	51	21/60 (2.86)	W2CC		
PARMARIT	130	17*	TMX 30	240-280	VSP Race	Vollwangenwelle	51	27/69 (2.56)	W2CC		
PARMARIT SP09	130	17*	TMX 30	250-300	PARMARIT SP09	Lippenwelle	51	27/69 (2.56)	W2CC		
PARMARIT W-Force	135	17*	PHB 25/30	130-145	FRANZ	Vollwangenwelle	51	27/69 (2.56)	W2CC		
PARMARIT W-Force	144	17*	TM 35	260-320	Bullet Pipe Design	Vollwangenwelle	51	27/69 (2.56)	W2CC		
PARMARIT LC	130	17*	TM 35	260-320	VSP Race	Vollwangenwelle	51	27/69 (2.56)	W2CC		
PARMARIT W-Force LC	135	17*	PHB 25/30	130-145	FRANZ	Vollwangenwelle	51	27/69 (2.56)	W2CC		
PARMARIT W-Force LC	144	17*	TM 35	260-320	Bullet Pipe Design	Vollwangenwelle	51	27/69 (2.56)	W2CC		
QUATTRINI M1	125	16*	PHB 30	115-128	J.L. Seigrist	Rennwelle	51	27/69 (2.56)	W3/4AC		
QUATTRINI M1L	125	16*	PHB 30	122-135	VSP Race	Vollwangenwelle	51	27/69 (2.56)	W3/4AC		
QUATTRINI M1L	125	16*	TM 35	260-330	QUATTRINI	Vollwangenwelle	51	27/69 (2.56)	W3/4AC		
QUATTRINI M1A	125	16*	TMX 38	280-360	QUATTRINI	Vollwangenwelle	51	27/69 (2.56)	W3/4AC		
POLINI Evo	130	16*	PHB 30	110-120	POLINI Evo II	POLINI Evo	51	27/69 (2.56)	W2AC		
POLINI Evo	130	16*	TMX 30	240-280	POLINI Evo II	POLINI Evo	52.8	24/58 (2.42)	W2AC		
FALC	138	16*	34 nach Abst.		FALC	Vollwangenwelle	54	29/68 (2.34)	W2AC		
<b>Wideframe/Largeframe original</b>											
Zylinder	ccm	ZZP+	Vergaser	Düse (HD)	Auspuff	Welle	Hub	Übersetzung	Zündkerze		
<b>80ccm</b>											
PK 80 Lusso (V8X1T)	80	21*	SI 20.20D	Original	Original	Original	57	Original	W5CC		
<b>125ccm</b>											
125 (V1T-V15T)	125	30*	TA/17	Original	Original	Original	50	Original	W4AC		
125 (V30T-V33T)	125	30*	TA/17b	Original	Original	Original	50	Original	W4AC		
125 (V1N1T-V2N1T)	125	30*	TA/18C	Original	Original	Original	54	Original	W4AC		
125 (V1M1T-V2M1T)	125	30*	TA/18	Original	Original	Original	54	Original	W4AC		
125 (VNA1-VNA2)	125	28*	UB 16 SI	Original	Original	Original	57	Original	W5AC		
125 (VNB1-VNB4) u. T/2	125	21 (RL) - 26*	SI 20.15, 20.17	Original	Original	Original	57	Original	W5AC		
125 Super (VNC1T)	125	22*	SI 20.17	Original	Original	Original	57	Original	W5CC		
125 Sprint/ST/GTR (VNL2)	125	21**	SI 20.17	Original	Original	Original	57	Original	W5CC		
PX 125 'AIR' (VNX1)	125	21**	SI 20.20D	Original	Original	Original	57	Original	W5AC		
PX 125 'Lusso' (VNX2)	125	18*	SI 20.20D	Original	Original	Original	57	Original	W5AC		
125 T5 (VNX5)	125	16*	SI 24.24G	Original	Original	Original	52	Original	W3/4CC		
Gosa 125 (VNR1)	125	18*	SI 20.20H	Original	Original	Original	57	Original	W4CC		
Vespa Hoffmann A/B/C	125	30*	BING	Original	Original	Original	50	Original			
Vespa Hoffmann Königin	125	28*	BING	Original	Original	Original	54	Original			
<b>150ccm</b>											
150 VLT-1/ST; VDI-3T)	150	28*30*	FA 180; MA 19C	Original	Original	Original	57	Original	W5AC		
150 (VBT)	150	28*30*	MA 19C	Original	Original	Original	57	Original	W5AC		
150 (VGL1; VBA1; VBB1-2; VGLB1; VLA1)	150	22*	SI 20.17	Original	Original	Original	57	Original	W5AC		
150 T/4 Augsburg (VGLA)	150	22*	SI 20.17	Original	Original	Original	57	Original	W4CC		
150 Douglas 312L2	150	28*	Original	Original	Original	Original	57	Original	W5AC		
150/150 T Clubman (VB1)	150	30*	MA 19C	Original	Original	Original	57	Original	W5AC		
GS1-GS3 (V51-V54)	150	31*	UB23S3	Original	Original	Original	57	Original	W4CC		
GS1-GS3 (V51-V54) mit Jockeykopf	150	27*	UB23S3	Original	Original	Original	57	Original	W4CC		
GS3 (V55)	150	27*	UB23S3	Original	Original	Original	57	Original	W4CC		
150 Super (VBC1)	150	22*	SI 20.17	Original	Original	Original	57	Original	W5AC		
150 Sprint/Sprint V. (VLB1)	150	22*	SI 20.17, 20.20	Original	Original	Original	57	Original	W5AC		
PX 150 Alt (VLX1)	150	21*	SI 20.20D	Original	Original	Original	57	Original	W5AC		
PX 150 Lusso (VLX1)	150	18*	SI 20.20D	Original	Original	Original	57	Original	W5AC		
Cosa 150 (VLR1)	150	18*	SI 20.20H	Original	Original	Original	57	Original	W3CC		
<b>150ccm</b>											
GS150 (VD1TS-VD2TS)	150	27**31*	UB23S3	Original	Original	Original	57	Original	W4CC		
<b>160ccm</b>											
GS160/4 (VSB1)	160	26*	SI 27.23	Original	Original	Original	60	Original	W4CC		
<b>180ccm</b>											
180 SS (VSC1)	180	26*	Original	Original	Original	Original	60	Original	W4CC		
180 Rigger (VSD1)	180	22*32*	OC	Original	Original	Original	57	Original	W4CC		
200 Rally (VSE1)	200	23*24*	SI 24.24E	Original	Original	Original	57	Original	W4CC		
<b>200ccm</b>											
PX 200 'AIR' 10PS (VSK1)	200	23*	SI 24.24E	Original	Original	Original	57	Original	W5CC		
PX 200 Lusso 10PS (VSK1)	200	21*	SI 24.24E	Original	Original	Original	57	Original	W5CC		
PX 200 GS 12PS (VSK1)	200	21*	SI 24.24E	Original	Original	Original	57	Original	W5CC		
Cosa 200 (VSR1)	200	21*	SI 24.24H	Original	Original	Original	57	Original	W5CC		
<b>Largeframe Tuning</b>											
Zylinder	ccm	ZZP+	Vergaser	Düse (HD)	Auspuff	Welle	Hub	Übersetzung	Zündkerze		
<b>135-190ccm</b>											
D.R.	135	19*	20.20	102-105	Standard	Standard	48	21/68	W4CC		
D.R.	135	19*	24.24	108-118	SIP Road	Standard	48	22/68	W4CC		
MALOSS	139	19*	24.24	112-118	SIP Road	Standard	48	22/68	W3AC		
MALOSS	139	19*	24.24	120-125	MALOSS	Rennwelle	48	22/68	W3AC		
<b>166-187ccm</b>											
D.R./PINASCO	177	19*	24.24	122-128	SIP Road	Standard	57	22/67	W4AC		
<b>125-150ccm</b>											
PINASCO 2 US	177	19*	24.24	105-115	SIP Road	Rennwelle	57	23/65	W3AC		
POLINI	177	19*	24.24	125-132	SIP Road	Standard	57	22/67	W4AC		
POLINI	177	19*	28	125-132	SIP Performance	Rennwelle	57	22/67	W4AC		
POLINI W5	177	19*	TMX 30	230-280	SIP Performance	Lippenwelle	57	23/64	W3AC		
MALOSS	166	18*	24.24	115-125	SIP Race	Rennwelle	57	23/65	W3AC		
PARMARIT	177	19*	30	128-138	RZ righthand	Renntlippenwelle	57	23/65	W3AC		
QUATTRINI M1XL	172	17*	TMX 30	230-280	SIP Performance	Lippenwelle	57	DRT 3.4.	W3CC		
QUATTRINI M1XL	172	17*	TMX 30	230-280	RZ righthand	Vollwangenwelle	57	DRT 3.4.	W3CC		
QUATTRINI M1XL	187	17*	TM 35	250-320	RZ righthand	Langhublippenwelle	62	23/65	W3CC		
<b>152-172ccm</b>											
POLINI	152	16*	24.24	115-122	SITO Plus	Standard	52	Standard	W3CC		
POLINI	152	16*	24.24	122-128	SIP Performance	Standard	52	21/68	W3CC		
POLINI	187	19*	PHB 30	125-132	SIP Performance	Langhublippe-	60	23/65	W3AC		
MALOSS	172	14*16*	28	128-138	SIP Performance	Standard	52	21/68	W3CC		
MALOSS W5	172	14*16*	30	128-138	SIP Performance	Lippenwelle	52	21/68	W5CC		
MALOSS	175	18*	30	125-135	SIP Performance	Langhublippenwelle	60	23/65	W3AC		
<b>200-225ccm</b>											
SERIE PRO	200	21*	24.24	118-125	SIP Road	Rennwelle	57	DRT langer 3.	W4CC		
PINASCO	215	18*	24.24	120-125	SIP Road	Rennwelle	57	Standard	W3CC		
PINASCO	224	18*	24.24	125-135	SCORPION	Langhub-	60	DRT langer 3.	W3CC		
POLINI, POLINI EVO Alu	208	19*	PHB 28	125-135	SIP Performance	Langhub-	60	kurzer 4. Gang	W3CS		
POLINI, POLINI EVO Alu	208	19*	PHB 30	120-130	RZ Righthand	Renntlippenwelle	57	Standard	W3CF		
MALOSS	210	18*	24.24	128-138	SIP Performance	SIP Race	52.4	Standard	W3CC		
MALOSS	221	18*	26.26	132-135	SIP Performance	Langhub-	60	kurzer 4. Gang	W3CS		
MALOSS	221	17*	PHB 30	135-145	SERIE PRO DSE	Langhublippenwelle	60	DRT langer 3.	W3CS		
MALOSS	221	17*	TMX 30	250-320	RZ righthand	Glocken-	60	DRT langer 3.	W3CS		
MALOSS SEEC	221	17*	TM 35	280-340	SERIE PRO DSE	Glocken-	60	DRT langer 3.			