

1981 Tune-Up Specifications

CAR MODEL	SPARK PLUGS		FUEL SYSTEM Make & Model	VALVE CLEARANCE		DISTRIBUTOR Make	No.
	Type	Gap		Int.	Exh.		
MERCEDES BENZ 280 Series 380 Series	Bosch W9D	.032"	Bosch CIS Fuel Inj. Bosch CIS Fuel Inj.	.004"C Hyd.	.010"C Hyd.	Bosch Bosch	34
	W9D	.032"					35
PEUGEOT 505	Bosch WR7DS	.024"	Bosch CIS Fuel Inj.	.004"C	.010"C	Ducellier	36
PORSCHE 911SC 924 924 Turbo 928	Bosch W225T30	.028"	Bosch CIS Fuel Inj.	.004"C	.004"C	Bosch	37
	WR6DS	.028"	Bosch CIS Fuel Inj.	.008"H	.018"H	Bosch	38
	WR6DS	.028"	Bosch CIS Fuel Inj.	.008"H	.018"H	Bosch	39
	WR8DS	.030"	Bosch AFC Fuel Inj.	Hyd.	Hyd.	Bosch	40
RENAULT Le Car 18i	Bosch WD9DSⓄ	.024"	Weber 32 DIR Bosch AFC Fuel Inj.	.006"C	.008"C	Ducellier Ducellier	41
	WR7DS	.026"		.008"C	.010"C		42
SAAB 900 900 Turbo	NGK BP-6ES	.026"	Bosch CIS Fuel Inj. Bosch CIS Fuel Inj.	.009"H	.017"H	Bosch Bosch	43
	BP-7ES	.026"		.009"H	.019"H		44
SUBARU 1600 cc 1800 cc	NGK BP-6ES-11	.040"	Hitachi DCP 2-Bbl. Hitachi DCP 2-Bbl.	.010"C	.014"C	NippondensoⓄ NippondensoⓄ	45
	BP-6ES-11	.040"		.010"C	.014"C		46
TOYOTA Celica Corolla Corona Cressida Land Cruiser Pickup Starlet Supra Tercel	NGK BPR-5EA-L	.031"	Aisan 2-Bbl.	.008"H	.012"H	Nippondenso	47
	BPR-5EA-L11	.043"	Aisan 2-Bbl.	.008"H	.013"H	Nippondenso	48
	BPR-5EA-L	.031"	Aisan 2-Bbl.	.008"H	.012"H	Nippondenso	49
	BPR-5EY	.031"	Bosch AFC Fuel Inj.	.011"H	.014"H	Nippondenso	50
	BPR-4EY	.031"	Aisan 2-Bbl.	.008"H	.014"H	Nippondenso	51
	BPR-5EA-L	.031"	Aisan 2-Bbl.	.008"H	.012"H	Nippondenso	52
	BPR-5EA-L11Ⓞ	.043"Ⓞ	Aisan 2-Bbl.	.008"H	.012"H	Nippondenso	53
	BPR-5EY	.031"	Bosch AFC Fuel Inj.	.011"H	.014"H	Nippondenso	54
	BPR-5EA-L11	.043"	Aisan 2-Bbl.	.008"H	.012"H	Nippondenso	55
TRIUMPH TR7 TR8	Champion N12Y	.025"	Bosch AFC Fuel Inj. Bosch AFC Fuel Inj.	.008"C	.018"C	Lucas Lucas	56
	N12Y	.030"		Hyd.	Hyd.		57
VOLKSWAGEN Jetta Rabbit Rabbit Pickup Scirocco Vanagon	Bosch W7DⓄ	.028"	Bosch CIS Fuel Inj.	.010"H	.018"H	Bosch	58
	W7DⓄ	.028"	Bosch CIS Fuel Inj.	.010"H	.018"H	Bosch	59
	W7DⓄ	.028"	Bosch CIS Fuel Inj.	.010"H	.018"H	Bosch	60
	W7DⓄ	.028"	Bosch CIS Fuel Inj.	.010"H	.018"H	Bosch	61
	W8CO	.026"	Bosch AFC Fuel Inj.	Hyd.	Hyd.	Bosch	62
VOLVO 4-Cyl. 6-Cyl.	Bosch WR7DS	.030"	Bosch CIS Fuel Inj. Bosch CIS Fuel Inj.	.015"C	.015"C	BoschⓄ BoschⓄ	63
	HR6DS	.030"		.006"C	.012"C		64

1981 Tune-Up Specifications

No.	IGNITION TIMING	HOT IDLE SPEED		FAST IDLE RPM	EXHAUST CO READING At Idle Speed	Remarks
		Man. Trans.	Auto. Trans.			
34	10° BTDC	.....	700	.....	.....
35	5° BTDC	.....	500	.....	.....
36	8° BTDC	900	900	1500	0.5-1.5%	
37	5° BTDC ①	850-950	.....	.....	0.4-0.8% ④	① - Vacuum hoses disconnected.
38	TDC ②	750-800	750-800	.....	0.6-1.0% ④	② - Vacuum hoses connected.
39	8° BTDC ②	900	.....	.....	0.5-1.0% ④	③ - At 3000 RPM.
40	23° BTDC ① ③	700-800	700-800	.....	0.4-0.8% ④	④ - With oxygen sensor disconnected.
41	3° BTDC	750	.....	.....	0.5-2.0% ② ③	① - Champion RN12Y on Fed. models.
42	10° BTDC	800	800	.....	1.0-2.5% ②	② - Air injection disconnected. ③ - Not measured for Calif.
43	20° BTDC ①	875	875	.....	.....	① - At 2000 RPM.
44	20° BTDC ①	875	875	.....	.....
45	8° BTDC	700	800	.....	.....	① - Hitachi on 4-WD.
46	8° BTDC	700	800	.....	.....
47	8° BTDC	700	750	2600	.....	① - BPR-5EA-L for Calif.
48	7° BTDC	650 ③	750 ③	3400 ④ ⑤	.....	② - .031" for Calif.
49	8° BTDC	700	750	2600	.....	③ - 850 RPM with power steering.
50	8° BTDC	800	800	.....	.....	④ - 3200 RPM for Auto. Trans.
51	7° BTDC	650	.....	1800	.....	⑤ - 200 RPM less with power steering.
52	8° BTDC	700	750 ④	2600	.....	⑥ - 700 RPM for Fed. 4 Spd.
53	8° BTDC	650 ⑦	.....	3500	.....	⑦ - 700 RPM for Calif.
54	8° BTDC	800	800	.....	.....
55	5° BTDC	650	800	3600	.....
56	2° ATDC	800	800	.....	.....
57	TDC	800	800	.....	.....
58	3° ATDC	880-1000 ③	880-1000 ③	.....	0.3-1.2%	① - WR7DS on Calif.
59	3° ATDC	880-1000 ③	880-1000 ③	.....	0.3-1.2%	② - 5° ATDC on Calif.
60	3° ATDC	880-1000 ③	.....	.....	0.5-0.9% ③	③ - 0.3-1.2% on Calif.
61	3° ATDC	880-1000 ③	880-1000 ③	.....	0.3-1.2%	④ - 850-950 RPM on Calif.
62	7.5° BTDC ②	800-950 ④	850-1000 ④	.....	0.5-1.5% ③	⑤ - 850-1000 RPM w/o Idle Stabilizer.
63	8° BTDC ①	900	900	.....	0.7-1.3% ②	① - 12° BTDC on Turbo and MPG.
64	10° BTDC	900	900	.....	0.7-1.3% ②	② - With oxygen sensor disconnected. ③ - MPG uses Volvo H.E. Dist.