

1981 Tune-Up Specifications

CAR MODEL	SPARK PLUGS		FUEL SYSTEM Make & Model	VALVE CLEARANCE		DISTRIBUTOR Make	No.
	Type	Gap		Int.	Exh.		
AUDI 4000 4-Cyl. 5-Cyl. 5000 5000 Turbo	Bosch W7D⊙ W7D⊙ W7D⊙ WR7DS	.028" .028" .028" .028"	Bosch CIS Fuel Inj. Bosch CIS Fuel Inj. Bosch CIS Fuel Inj. Bosch CIS Fuel Inj.	.010"H .010"H .010"H .010"H	.018"H .018"H .018"H .018"H	Bosch Bosch Bosch Bosch	1 2 3 4
BMW 320i 528i 633CSi & 733i	Bosch WR9DS WR9DS WR9DS	.024" .024" .024"	Bosch CIS Fuel Inj. Bosch AFC Fuel Inj. Bosch AFC Fuel Inj.	.006"C .010"C .010"C	.006"C .010"C .010"C	Bosch Bosch Bosch	5 6 7
CHRYSLER CORP. IMPORTS 1400 cc 1600 cc 2000 cc 2600 cc	NGK BPR-6ES-11 BPR-6ES-11 BPR-6ES-11 BPR-5ES-11	.041" .041" .041" .041"	Solex 28-32 DIDTA Solex 28-32 DIDTA Solex 30-32 DIDTA Solex 30-32 DIDTA	.006"H⊙ .006"H⊙ .006"H⊙ .006"H⊙	.010"H .010"H .010"H .010"H	Mitsubishi Mitsubishi Mitsubishi Mitsubishi	8 9 10 11
COURIER 2000 cc 2600 cc	NGK BPR-5ES BPR-5EFS	.031" .034"	Nikki 2-Bbl. Hitachi DCS 328 2-Bbl.	.012"H Hyd.	.012"H Hyd.	Mitsubishi Mitsubishi	12 13
DATSUN 200SX 210 280ZX 280ZX Turbo 310 510 810 Pickup	NGK BP-6ES BP-5ES-11 BP-6ES-11 BPR-6ES-11 BP-5ES-11 BP-6ES BP-6ES-11 BP-6ES	.033" .041" .041" .041" .041" .033" .041" .033"	Bosch AFC Fuel Inj. Hitachi DCR 306 Bosch AFC Fuel Inj. Bosch AFC Fuel Inj. Hitachi DCR 306 Hitachi DCR 342 Bosch AFC Fuel Inj. Hitachi DCR 342	.012"H .014"H .010"H .010"H .014"H .012"H .010"H .012"H	.012"H .014"H .012"H .012"H .014"H .012"H .012"H .012"H	Hitachi Hitachi Hitachi Hitachi Hitachi Hitachi Hitachi Hitachi	14 15 16 17 18 19 20 21
FIAT Brava & Spider Strada & X1/9	Champion RN9Y RN9Y	.029" .029"	Bosch AFC Fuel Inj. Bosch AFC Fuel Inj.	.019"C .014"C	.021"C .018"C	Marelli Bosch	22 23
HONDA Accord & Prelude Civic 1300 cc 1500 cc	NGK B6EB-L11 B6EB-11 B6EB-11	.041" .041" .041"	Keihin 2-Bbl. Keihin 2-Bbl. Keihin 2-Bbl.	.006"C⊙ .006"C⊙ .006"C⊙	.011"C .008"C .008"C	Hitachi Hitachi Hitachi	24 25 26
ISUZU 1800 cc	NGK BPR-6ES-11	.040"	Hitachi DCH 340	.006"C	.010"C	Nippondenso	27
JAGUAR XJ6L	Champion N12Y	.035"	Bosch AFC Fuel Inj.	.013"C	.013"C	Lucas	28
LUV Pickup	NGK BPR-6ES-11	.040"	Hitachi DCH 340	.006"C	.010"C	Nippondenso	29
MAZDA GLC 626 RX7 B2000 Pickup	NGK BPR-5ES⊙ BPR-5ES⊙ BR-8EQ-14 BPR-5ES⊙	.031" .031" .055" .031"	Hitachi 2-Bbl. Nikki 2-Bbl. Hitachi 4-Bbl. Nikki 2-Bbl.	.010"H .012"H012"H	.012"H .012"H012"H	Mitsubishi Mitsubishi Mitsubishi Mitsubishi	30 31 32 33

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No.	IGNITION TIMING	HOT IDLE SPEED		FAST IDLE RPM	EXHAUST CO READING At Idle Speed	Remarks	
		Man. Trans.	Auto. Trans.				
1	3°ATDC	850-1000	850-1000	0.3-1.2%	① - WR7DS on Calif. models. ② - 880-1000 on Calif. models. ③ - Set @ 3000 RPM.	
2	3°ATDC	850-1000②	850-1000②	.....	0.4-1.2%	
3	3°ATDC	800-1000②	800-1000②	.....	0.4-1.2%	
4	21°BTDC③	.....	880-1000	.....	0.4-1.2%
5	25°BTDC①	800-900	900-1000	0.2-1.2%②	① - Set @ 2200 RPM. ② - With oxygen sensor disconnected. ③ - Set @ 1650 RPM.	
6	22°BTDC①	850-950	850-950	.....	0.2-0.8%②	
7	22°BTDC③	850-950	850-950	.....	0.2-0.8%②	
8	5°BTDC	700	0.5%②	① - Set Jet valves to .006"H. ② - Air injection disconnected.	
9	5°BTDC	700	750	.....	0.5%②	
10	5°BTDC	750	750	.....	0.5%②	
11	7°BTDC	800	800	.....	0.5%②	
12	8°BTDC	650	650	1.0%②	① - With transmission in "D". ② - Air injection disconnected.	
13	6°BTDC	850	700①	.....	3.5%②	
14	6°BTDC	750	700	6.0%④	① - 7°BTDC on 1200 cc Eng. ② - 800 RPM on 4-WD models. ③ - 2600-3500 RPM on A/T. ④ - Less than. ⑤ - 650 RPM on 1400 cc Engine. ⑥ - No Adjustment Necessary Controlled by ECCS,	
15	5°BTDC①	700③	650	2300-3200③	4.0%④		
16	8 BTDC	700	700	.....	5.0%④	
17	20° BTDC④	.....	650⑤	.....	5.0%④⑥
18	5 BTDC	750	750	2300-3200	4.0%④		
19	6°BTDC	600	600	.....	5.0%④	
20	10°BTDC	700	650	.....	5.0%④	
21	5°BTDC	650②	650	.....	5.0%④	
22	10°BTDC	850	750①	0.5-0.9%		① - Transmission in "D".
23	10°BTDC	850	750①	.....	0.5-0.9%	
24	TDC	800	800③	2600-2700	① - Set Aux. valves to .006"C. ② - 10°BTDC on Fed. M/T Hatchback. 4°BTDC on Fed. M/T Sedan & Wagon. ③ - Transmission in "D". ④ - 3200 RPM on Calif. M/T. 2700 RPM on Calif A/T.	
25	2°BTDC	800	800	2800-3000	.....	
26	2°ATDC②	750	750③	2800-3000④	.....	
27	6°BTDC	800①	900	3200		① - 900 RPM Calif. Pickup M/T.
28	4°BTDC	800	0.5-1.5%①	① - With oxygen sensor disconnected.	
29	6°BTDC	800①	900	3200	① - 900 RPM on Calif. M/T.	
30	8°BTDC	850②	750	① - Or BPR-6ES. ② - 800 RPM on Wagon. ③ - Trailing Timing is 20° ATDC. ④ - Transmission in "D".	
31	5°BTDC	650	650	.....	.....
32	TDC③	750	750④	.....	.....
33	8°BTDC	650	.....	.....	.....