

Ignition Timing and Test Data

Type	Com- pression Ratio ϵ	Ignition Distributor BOSCH Order No.	Adjusting Value 1) of Ignition Distributor without Vacuum (6-Cylinder Engines at $n =$ 4,500 rpm, 8-Cylinder Engines at $n =$ 3,000 rpm)	Test Data when Measuring 2) with Stroboscope at					Ignition Timing Vacuum Control 2) toward
				Starting 4) Speed and Spark Plugs Installed without Vacuum	Engine Speed in rpm with No Load				
					Idle Speed	1,500	3,000	4,500	
					with or without Vacuum Control				
				without or with	without	without	with		

Engines with Standard Cylinder Compression

280 S/8	8.7 : 1	0 231 116 048	35 °	2 ° BTDC	4–12 ° without	18–25 °	23–30 °	42–48 °	advance 7–13 °
280 SE/8	9.2 : 1 9.5 : 1	0 231 116 051	30 °	8 ° BTDC	3 ° ± 1 ATDC with	12–19 °	30 °	—	retard at 3) idle speed 8–14 °
280 SL/8 300 SEL/8									
300 SEL/8 6.3	8.8 : 1	0 231 119 004	26 ° cylinder 1	2 ° ATDC	0–4 ° without	14–20 °	26 °	33–39 °	advance 7–13 °
			64 ° ± 2 ATDC cylinder 5	64 ° ± 2 ATDC					
280 SE/9 3.5 300 SEL/9 3.5	9.3 : 1	0 231 302 001 0 231 401 001	34 °	10 ° BTDC	3 ° ± 1 ATDC with	12–20 °	34 °	34 °	retard at 3) idle speed 7–13 °