

1980 Light Duty Truck Tune-Up

ENGINE	IGNITION TIMING@RPM [†]		SPARK PLUGS		DISTRIBUTOR Make	No.
	Man. Trans.	Auto. Trans.	Type	Gap		
CHRYSLER CORP.						
225" 1-Bbl. 6 Cyl. Federal	12°@750	12°@750	CH RBL-16Y	.035"	Chrysler	1
225" 2-Bbl. 6 Cyl. Calif.	12°@750	12°@750	CH RBL-16Y	.035"	Chrysler	2
318" 2-Bbl. V8	12°@650	12°@650	CH RN-11Y	.035"	Chrysler	3
318" 4-Bbl. V8 Federal	⊗8°@700	⊗8°@700	CH RN-11Y	.035"	Chrysler	4
Calif.	⊗8°@700	⊗10°@700	CH RN-11Y	.035"	Chrysler	5
360" 4-Bbl. V8 Federal	⊕12°@650	⊕12°@650	⊗CH RN-12Y	.035"	Chrysler	6
Calif.	10°@750	10°@750	⊗CH RN-12Y	.035"	Chrysler	7
FORD						
300" 6 Cyl. Federal	⊕6°@500	⊕10°@500	AL BSF-42	.045"	MCFT	8
Calif.	⊗6°@500	⊗10°@500	AL BSF-42	.045"	MCFT	9
302" V8 Federal	6°@550	8°@550	AL ASF-42	.042"-.046"	MCFT	10
Calif.	4°@750	10°@550	AL ASF-42	.042"-.046"	MCFT	11
351" M V8 Federal	⊕10°@650	⊗⊕6°@500	AL ASF-42	.042"-.046"	MCFT	12
Calif.	⊕10°@650	⊗⊕8°@500	⊗AL ASF-42	.042"-.046"	MCFT	13
351" W V8 Federal	.....	⊕10°@500	AL ASF-42	.042"-.046"	MCFT	14
Calif.	.....	8°@500	AL ASF-42	.042"-.046"	MCFT	15
400" V8 Federal	6°@600	3°@600	AL ASF-52	.042"-.046"	MCFT	16
Calif.	6°@600	6°@600	AL ASF-52	.042"-.046"	MCFT	17
460" V8 Federal	.....	8°@650	AL ASF-42	.042"-.046"	MCFT	18
GENERAL MOTORS						
250" 6 Cyl. Federal	10°@750	10°@650	AC R46TS	.035"	Delco-Remy	19
Calif.	⊕10°@750	⊗10°@600	AC R46TS	.035"	Delco-Remy	20
292" 6 Cyl.	8°@700	8°@700	AC R44T	.035"	Delco-Remy	21
305" V8	8°@600	8°@500	AC R45TS	.045"	Delco-Remy	22
350" V8	⊗8°@700	⊗8°@500	AC R45TS	.045"	Delco-Remy	23
400" V8	.....	4°@500	AC R45TS	.045"	Delco-Remy	24
All Heavy Duty 350", 400" & 454" V8	⊗4°@700	⊗4°@700	AC R44T	.045"	Delco-Remy	25
IHC						
196" 4 Cyl.	TDC@700	TDC@700	CH RJ-10Y	.035"	Prestolite	26
304" V8	10°@650	10°@650	CH RJ-10Y	.035"	Prestolite	27
345" V8	7.5°@700	7.5°@700	CH RJ-10Y	.035"	Prestolite	28
JEEP						
151" 4 Cyl.	12°@900	.....	AC R44TSX	.060"	Delco-Remy	29
258" 6Cyl. CJ Federal	8°@700	10°@600	CH N-13L	.035"	MCFT	30
CJ Calif.	6°@700	8°@600	CH N-14L	.035"	MCFT	31
Others	8°@700	8°@600	CH N-13L	.035"	MCFT	32
304" V8 Federal	8°@700	10°@600	CH N-12Y	.035"	MCFT	33
Calif.	5°@700	5°@600	CH N-12Y	.035"	MCFT	34
360" V8	8°@800	8°@600	CH N-12Y	.035"	MCFT	35

SPARK PLUGS: AL - Autolite; CH - Champion.

CARBURETORS: MCFT - Motorcraft; ROCH - Rochester; TQ - Thermo Quad.

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No.	CARBURETOR Make & Type	HOT IDLE*		FAST IDLE			Remarks	
		Man. Trans.	Auto. Trans.	Man. Trans.		Auto. Trans.		
				RPM	Cam Step	RPM		
1	Holley 1945	725/900	725/900	1400	2nd	1600	① - Curb idle - 750 RPM, hoses & air cleaner installed. ② - Curb Idle - 700 RPM, hoses & air cleaner installed. ③ - Hvy. Duty - 6°. ④ - Hvy. Duty - 4°. ⑤ - 360"-3 - CH RF-10 spark plugs w/.035" gap. ⑥ - No A/C - 1750 RPM.	
2	Carter BBD	①840/900	①840/900	2000	2nd	2000		
3	Holley 2280	650/800	650/800	1600	2nd	1600		
4	Carter TQ	650/950	650/950	1800	2nd	1800		
5	Carter TQ	650/950	650/950	1500	2nd	1500		
6	Carter TQ	650/950	650/950	⑥1600	2nd	1600		
7	Carter TQ	750/950	750/950	1600	2nd	1600		
8	Carter YFA	600/700	500/550	③1400	2nd	③1400	① - Hvy. Duty - 12°@700 RPM. ② - Hvy. Duty - 10°@700 RPM. ③ - Hvy. Duty and Cal. No. 0-51F-R0, 0-51S-R0, 0-51T-R0 & 0-52S-R0 - 1600 RPM. ④ - Hi Alt. - 16°@650 RPM. ⑤ - Hi Alt. - 12°@500 RPM. ⑥ - Hvy. Duty - 10°@600 RPM. ⑦ - Hvy. Duty - AL ASF-52. ⑧ - A/C ON - 625 RPM. ⑨ - Hi Alt. - 16°@500 RPM. ⑩ - Decel Throttle - 1750-1850 RPM.	
9	Carter YFA	700	500/550	③1400	2nd	③1400		
10	MCFT 2150	700	575	2000	High	2000		
11	MCFT 2150	800	650	2500	High	2400		
12	MCFT 2150	650	⑤550	2000	High	2000		
13	MCFT 2150	800	⑤550	2000	High	2000		
14	MCFT 2150	.....	600	.....	2nd	1750
15	MCFT 2150	.....	600	.....	2nd	1750
16	MCFT 2150	600	⑤550	1750	High	2000		
17	MCFT 2150	600	⑤550	1750	High	2000		
18	Holley 4180C	.....	⑥650	.....	High	1600
19	ROCH 2SE	450/750	450/650	2000	High	2200		① - C20, G20 - 6°@750 RPM. ② - C20, G20 - 8°@600 RPM. ③ - Decals WA, LW, LX & LZ - 6°. ④ - Decals WA, LW, LX, LZ - 1300 RPM. ⑤ - Calif. 350" & 400" V8 - 6°@700 RPM.
20	ROCH 2SE	425/750	425/600	2000	High	2200		
21	ROCH 1ME	700	700	2400	High	2400		
22	ROCH M2MC	600/700	500/600	1300	High	1600		
23	ROCH M4MC	700	500/600	④1600	High	1600		
24	ROCH M4MC	.....	500/600	.....	High	1600
25	ROCH M4MC	700	700	1900	High	1900		
26	Holley 1940C	700	700	2000	High	2000		
27	Holley 2245C	650	650	2200	High	2200		
28	Carter TQ	700	700	1600	2nd	1600		
29	①ROCH 2SE	500/900	2400	High	① - Calif. models use E2SE.	
30	Carter BBD	500/700	500/600	1700	2nd	1850		
31	Carter BBD	500/700	500/600	1700	2nd	1850		
32	Carter BBD	500/700	500/600	1700	2nd	1850		
33	MCFT 2100	500/700	500/600	1500	2nd	1600		
34	MCFT 2100	500/700	500/600	1500	2nd	1600		
35	MCFT 2150	500/800	500/600	1500	2nd	1600		

† - All specifications given are Before Top Dead Center (BTDC); Auto. Trans. in "D" unless otherwise noted.

* - When idle solenoid is used, lower RPM is with solenoid disconnected; higher RPM is with solenoid connected.