

1982 Light Truck Tune-Up

SPECIFICATIONS

TUNE-UP SPECIFICATIONS

ENGINE	IGNITION TIMING *		SPARK PLUGS		FUEL SYSTEM	No.
	Man. Trans.	Auto. Trans.	Type	Gap In. (mm)	Make & Type	
CHRYSLER CORP.						
3.7L (225") 6-Cyl.						
Fed.	12@600	16@600	CH RBL-16Y	.035 (.9)	Holley 1945 ¹	1
Calif.	12@800	16@800	CH RBL-16Y	.035 (.9)	Holley 1945	2
5.2L (318") V8 2-Bbl.	12@750	12@750	CH RN-11Y	.035 (.9)	Holley 2280 ³	3
5.2L (318") V8 4-Bbl.						
Fed.	12@750 ⁵	16@750 ⁵	CH RN-11Y	.035 (.9)	Carter Thermo-Quad	4
Calif.	12@750 ⁵	16@750 ⁵	CH RN-11Y	.035 (.9)	Carter Thermo-Quad	5
5.9L (360") V8						
Fed.	4@700	4@700	CH RN-12Y	.035 (.9)	Carter Thermo-Quad	6
Calif.	10@750	10@750	CH RN-12Y	.035 (.9)	Carter Thermo-Quad	7
FORD MOTOR CO.						
3.8L (232") V6	12@800	10@900	MCFTAGSP-52	.044 (1.1)	Motorcraft 2150-A	8
4.9L (300") 6-Cyl.						
Light Duty	6@800 ²	10@800	MCFT BSF-42	.044 (1.1)	Carter YFA ³	9
Heavy Duty	12@800 ⁴	12@800	MCFT BSF-42	.044 (1.1)	Carter YFA ³	10
4.2L (255") V8	8@800	8@800	MCFT ASF-42	.050 (1.3)	Motorcraft 2150	11
5.0L (302") Fed. V8 ⁵	8@800	8@800	MCFT ASF-42	.044 (1.1)	Motorcraft 2150	12
5.8L (351") Fed. V8 ⁵	14@800	14@800	MCFT ASF-42	.044 (1.1)	Motorcraft 2150	13
6.6L (400") V8	6@800	6@800	MCFT ASF-52	.044 (1.1)	Motorcraft 2150	14
7.5L (460") V8	8@800	8@800	MCFT ASF-42	.044 (1.1)	Holley 4180-C	15
GENERAL MOTORS						
1.9L (119") 4-Cyl.	6@900	6@900	AC R42XLS	.045 (1.1)	Hitachi DCH340	16
2.8L (173") V6						
Fed.	8@650 ²	16@650 ³	AC R42TS	.045 (1.1)	Rochester 2SE	17
Calif.	10@750	10@650	AC R42TS	.045 (1.1)	Rochester E2SE	18
4.1L (250") 6-Cyl.	10@650	10@650	AC R42TS ⁴	.035 (.9)	Rochester 2SE	19
4.8L (292") 6-Cyl.	8@700	8@700	AC R45TS ⁴	.035 (.9)	Rochester 1ME	20
5.0L (305") V8	4@600 ⁵	4@600 ⁵	AC R45TS	.045 (1.1)	Rochester M4ME	21
5.7L (350") V8						
Light Duty						
Fed.	8@600	8@500	AC R45TS	.045 (1.1)	Rochester M4ME	22
Calif.	.....	8@550	AC R45TS	.045 (1.1)	Rochester M4ME	23
Heavy Duty	4@700 ⁷	4@700 ⁷	AC R44T	.045 (1.1)	Rochester M4MC	24
7.4L (454") V8	4@700	4@700	AC R44T	.045 (1.1)	Rochester M4MC	25
JEEP						
2.5L (151") 4-Cyl.	12@900 ¹	.....	AC R44TSX	.060 (1.5)	Rochester 2SE ²	26
4.2L (258") 6-Cyl.						
CJ & Scrambler	8@650	8@650	CH RFN-14LY	.035 (.9)	Carter BBD	27
All Other Models	15@600 ³	15@600	CH RFN-14LY	.035 (.9)	Carter BBD	28
6.0L (360") V8	10@600 ⁴	10@600 ⁴	CH RN-12Y ⁵	.035 (.9)	Motorcraft 2150	29

SPARK PLUGS: AC — AC Delco; CH — Champion; MCFT — Motorcraft.

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SPECIFICATIONS (Cont.)

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No.	HOT IDLE °		FAST IDLE °			Remarks
	Man. Trans.	Auto. Trans.	M/T RPM	Cam Step	A/T RPM	
1	600/800 ²	600/800	1800	2nd High	1600	¹ — Carter BBD on Fed. Man. Trans. models. ² — 700 RPM on Fed. Man. Trans. models. ³ — Carter BBD on Fed. Auto. Trans. models. ⁴ — 1600 RPM on Fed. Auto. Trans. models. ⁵ — 8@700 RPM on Hvy. Duty models.
2	800	800	1800	2nd High	1600	
3	750	750	1500	2nd High	1500 ⁴	
4	700	700	1650	2nd High	1650	
5	750	750	1650	2nd High	1650	
6	750	750	1650	2nd High	1650	
7	750	750	1650	2nd High	1650	
8	750	700 ¹	2100	High	2200	¹ — Calibration No. 2-56D-R0 600 RPM. ² — Calibration No. 2-51P-R0 10@600, 2-51P-R10 12@600. High Alt. 10@800. ³ — High Alt. YFA Feedback. ⁴ — Calibration No. 9-78J-R0 10@800. ⁵ — Calif. 5.0 & 5.8L use MCFT 7200VV carb. and EEC III. See Tune-Up article. ⁶ — 1500 RPM on Hvy. Duty.
9	600/700	550	1400	2nd	1400	
10	500/600	500/550	1600	2nd	1600	
11	750	625	2200	High	2000	
12	700	575	2200	High	2000	
13	525/650	525/650	1700 ⁶	High	1650	
14	500/600	500/600	1750	High	2000	
15	650	650	1600	High	1600	
16	800/900 ¹	900/1900	3200	1st	3200	¹ — 900/900 RPM on Calif. models. ² — Decal No. CHN 6@650, CMK 10@700. ³ — Decal CVR 14@650, CTN 6@650. ⁴ — Hvy. Duty R44TS. ⁵ — Decal No. CWK 4@700. ⁶ — 1600 RPM on High Alt. models. ⁷ — 6@700 on Calif. models.
17	650/850	650/850	1800	High	2100	
18	750/950	650/850	2100	High	2100	
19	500/650	500/650	2000	High	2200	
20	700	700	2400	High	2400	
21	600/700	500/600	1300 ⁶	High	1600	
22	600/750	500/600	1300	High	1600	
23	500/650	500/650	.....	High	1800
24	700	700	1900	High	1900	
25	700	700	1900	High	1900	
26	500/900	2400	High	¹ — 8@900 Calif., 17@900 High Alt. ² — E2SE on Calif. models. ³ — 19@600 High Alt. models. ⁴ — 17@600 High Alt. models. ⁵ — CH N12Y. High Alt. models.
27	650	550	1700	2nd	1850	
28	600	500	1700	2nd	1700	
29	500/650	500/650	1500	2nd	1600	

- * — All specifications are Before Top Dead Center (BTDC); Auto. Trans. in "D" unless otherwise specified.
- — When idle solenoid is used, lower RPM is with solenoid disconnected, higher RPM is with solenoid connected.
- ° — All specifications are with transmission in neutral unless otherwise noted.