

1981 Distributor Specifications

CHRYSLER CORP. DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Automatic Advance (Engine Degrees & RPM)						Vacuum Advance (Engine Deg. & In. of Hg)			
		Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	In. Hg	Deg.	In. Hg
4145717	C	0.4-4.4	1200	3-7	1300	7.4-11.4	5000	2-5	7	20-24	15
4243694	C	0	1200	24	2400	40	6000	16	4.5	40	11
4243707	C	0	1200	24	2400	40	6000	20	4.5	40	9

ⓐ - C (Clockwise), CC (Counterclockwise) as viewed from rotor end.

NOTE - Distributor specifications for Chrysler Corp. passenger cars with Electronic Spark Control (ESC) are not available from the manufacturer. Spark timing is controlled by the Spark Control Computer.

DELCO-REMY (GENERAL MOTORS) DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - Most General Motors distributors in 1981 do not have centrifugal or vacuum advance units (3.8L 229" V6 only). All advance is controlled by the Computer Command Control system's electronic control module or by the distributor's HEI module. The advance data programmed into the ECM is not available from the manufacturer.

DELCO-REMY (AMERICAN MOTORS) DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Automatic Advance (Engine Degrees & RPM)						Vacuum Advance (Engine Deg. & In. of Hg)			
		Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	In. Hg	Deg.	In. Hg
1110560	C	0 to -1	900	5-9	2000	12-16	4400	0	4	19-21	10.5
1110561	C	0 to -1	900	5-9	2000	12-16	4400	0	3	14-16	7
1110595	C	0 to -1	900	5-9	2000	12-16	4400	0	3	19-21	9
1111393	C	0 to -1	900	3-7	2000	12-16	4100	0	3	19-21	8.5

FORD DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No. (Basic Part No. is 12127)	Initial Timing (Degrees BTDC)	Total Advance @ 2500 Engine RPM (Including Initial Advance)		Distributor Part No. (Basic Part No. is 12127)	Initial Timing (Degrees BTDC)	Total Advance @ 2500 Engine RPM (Including Initial Advance)	
		Hose Disconnectedⓐ (Degrees BTDC)	Hose Connectedⓐ (Degrees BTDC)			Hose Disconnectedⓐ (Degrees BTDC)	Hose Connectedⓐ (Degrees BTDC)
D8BZ-Aⓐ	10	16-21	33-43	E1BZ-C	8	15-20	32-43
D9AZ-D	.....	.....	.....	E1BZ-E	12	20-25	38-48
D9BZ-Cⓐ	8	14-19	32-42	E1FZ-Aⓐ	10	19-24	33-43
D94Y-A	.....	.....	.....	E1FZ-Jⓐ	10	19-24	28-35
EOFZ-B	12	19-25	33-43	E1SZ-Bⓐ	7	19-24	37-47
EOFZ-D	6	18-23	39-49	E1SZ-Cⓐ	10	16-21	38-48
E1AZ-E	10	15-20	36-47	E1SZ-D	8	16-22	38-48
E1AZ-J	12	14-20	35-47	E1SZ-F	10	16-20	37-47
E1AZ-K	8	14-18	39-49				

- ⓐ - Part throttle advance hose at distributor diaphragm. If disconnected, plug hose.
- ⓑ - Calibration No. 1-12B-R10 is 12° initial, 18-23° disconnected, and 35-45° connected.
- ⓒ - Calibration No. 1-11G-R0 is 12° initial, 18-23° disconnected, and 36-46° connected.
- ⓓ - Calibration Nos. 1-3A-R13 and 1-3C-R13 are 8° initial, 17-22° disconnected, and 31-41° connected. Calibration No. 1-3N-R0 is 6° initial, 15-20° disconnected, and 29-39° connected.

- ⓔ - Calibration Nos. 1-4Q-R1 and 1-4Q-R11 are 6° initial, 15-20° disconnected, and 24-31° connected.
- ⓕ - Calibration No. 1-18M-R1 is 5° initial, 17-22° disconnected, and 35-45° connected.
- ⓖ - Calibration Nos. 1-18W-R0 and 1-18X-R0 are 12° initial, 18-23° disconnected, and 40-50° connected.

MOTORCRAFT (AMERICAN MOTORS) DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Automatic Advance (Engine Degrees & RPM)						Vacuum Advance (Engine Deg. & In. of Hg)			
		Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	In. Hg	Deg.	In. Hg
3235141	C	-2 to 1	1000	5.5-9	2000	9-13	4400	13-19	10	20-26	16
3239829	C	-2 to 1	1000	6-10	2000	7-12	4400	10-14	8	20-26	16
3239833	C	-2 to 2	1000	5-9.5	1900	8-13	4400	9-15	8	20-26	16