

4-2 1974-79 DISTRIBUTORS & IGNITION SYSTEMS

1974 Distributor Specifications

BOSCH DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATIONS BELOW BY 2.

Distributor Part No.	Ref. ①	Automatic Advance (Dist. Degrees @ RPM)					Vacuum Advance (Dist. Degrees (In. of Hg))				Vacuum Retard (Dist. Degrees (In. of Hg))			
		0-2 500	3.5-5.5 750	5.5-7.5 1000	7.5-9.5 1500	10-12 2000	0-2 (5)	1.5-3.5 (10)	1.5-3.5 (15)	1.5-3.5 (20)	0 (5)	0-2.5 (10)	2-4 (15)	2-4 (20)
74HF-CA②	CW	0-2 500	3.5-5.5 750	5.5-7.5 1000	7.5-9.5 1500	10-12 2000	0-2 (5)	1.5-3.5 (10)	1.5-3.5 (15)	1.5-3.5 (20)	0 (5)	0-2.5 (10)	2-4 (15)	2-4 (20)
74HF-JA②	CW	0-5 500	0-1 750	3-5 1000	6-8 1500	8-10 2000	0 (5)	0-2 (10)	3.5-5.5 (15)	3.5-5.5 (20)	0 (5)	0-3.5 (10)	2-4 (15)	2-4 (20)
74TF-NA②	CW	0-5 500	1-3 750	3.5-5.5 1000	7.5-9.5 1500	8-10 2000	0-1.5 (5)	2-4 (10)	2-4 (15)	2-4 (20)	0 (5)	0-4 (10)	5-7 (15)	5-7 (20)
74TF-TA②	CW	0-5 500	1-3 750	3.5-5.5 1000	7.5-9.5 1500	8-10 2000	0-1.5 (5)	2-4 (10)	2-4 (15)	2-4 (20)	.....	.....	.....	.....
74TF-RA②	CW	0-5 500	1-3 750	3.5-5.5 1000	7.5-9.5 1500	8-10 2000	0-1.5 (5)	2-4 (10)	2-4 (15)	2-4 (20)	0 (5)	0-3.5 (10)	2-4 (15)	2-4 (20)
JFU4③	CW	0 500-600	3.2-7.5 700	14-16 1800	.....	.....	0-5 (4.5)	2.5 (5)	.....	.....	2.5 (2.9-4)	.....	.....	.....
JFUR4④	CC	0 300-500	5 750-940	10 1250-1750	13±1 2400	.....	0 (2.5-4)	3 (4-5)	5±1 (5.9-6.3)	.....	.....	.....	.....	.....
JFUR4④	CC	0 500-600	5 675-760	10 1130-1750	10±1 1800	.....	.....	.....	.....	.....	0 (5.9-4)	2 (9-12)	3±5 (11-12.6)	.....
JFUF④	CC	0 375-550	3 625-790	7 960-1125	11±1 1375	.....	.....	.....	.....	.....	0 (2-4)	3 (3.6-5)	.....	.....
JF④	CC	0 400-525	3 610-780	7 950-1125	10 1400-1970	12±1 2250	.....	.....	.....	.....	.....	.....	.....	.....
JFUR6④	CC	0 425-525	5 625-725	10 1150-1650	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
055905205⑤⑥	CW	0 525-675	8-10 1100-1150	9-11.5 1500	13-15 2500	.....	0 (8-9.6)	5.5-7 (13-14)	.....	.....	0 (6-8.6)	4-4.5 (9-11.6)	.....	.....
056905205C⑤⑥	CW	0 550-700	7-10 1050-1100	9-11.5 1500	13-15 2500	.....	0 (8-9.6)	5.5-7 (13.8)	.....	.....	0 (6-8.6)	4-4.5 (9-11.6)	.....	.....
022905205AA, 022905205AB	CW	0 500	8.5 750	12.5 1250	15 1700	.....	.....	(1-4) (7-8)	.....	.....	(1-4) (5-6)	.....	.....	.....
0231167039	CW	0 500	7 800	8 1000	10 1500	12 2300	0 (8)	3 (12)	4.5 (14)	.....	2 (11)	2.5 (16)	.....	.....
0231310002	CW	6.5-8.5 750	15-17.5 1500	18.5-20 2250	.....	.....	.....	.....	.....	.....	③ 4.5-6.5	.....	.....	.....
0231170137	CW	7.5-10 750	13.5-16 1500	21-24 2250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Porsche⑦	CW	0 600	⑧ 3-5	3 800	7 1000	10 1500	15 3000	4.5-5.7 (Max.)	.....	.....	.....	.....	.....	.....

- ① - Viewed from rotor.
- ② - Motorcraft part number.
- ③ - Bosch type number.
- ④ - Bosch type number.
- ⑤ - Bosch type number.
- ⑥ - Bosch type number.

- ⑦ - Bosch type number.
- ⑧ - Bosch type number.
- ⑨ - Bosch type number.
- ⑩ - Volkswagen part number.
- ⑪ - California only.

- ⑫ - Federal only.
- ⑬ - Porsche 911/911S engines, Bosch or Marelli distributors.
- ⑭ - Retard degrees at idle.
- ⑮ - Advance at 2250 distributor RPM.

DELCO DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATIONS BELOW BY 2.

Distributor Part No.	Ref.	Automatic Advance (Dist. Degrees @ RPM)					Vacuum Advance (Dist. Degrees) Operate Distr. @ 1000 RPM				Vacuum Retard (Dist. Degrees) Operate Distr. @ 1000 RPM			
		0 400	4 700	7.5 1600	10 2400	11 2800	.....	.....	.....	.....	1 (6)	5 (10)	5 (15)	6 (20)
7992115	CC	0 400	4 700	7.5 1600	10 2400	11 2800	.....	.....	.....	.....	1 (6)	5 (10)	5 (15)	6 (20)

DUCELLIER DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATIONS BELOW BY 2.

Distributor Part No.	Centrifugal Advance (Dist. Degrees & RPM)						Vacuum Advance (Dist. Degrees & In. of Hg.)							
	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	In. Hg.	Deg.	In. Hg.	Deg.	In. Hg.
4240	0-1	600	10	950	16.8	2000	19	2350	0-1.5	3.9	4.6	7.8	7	14.4
4380	0-1	500	8	1500	11.1	2000	13	2450	.....	.....	.....	.....	.....	.....
4220	0	500	6	1000	10	1500	16	2250	0	3.3	6.6	7.9	9.3	12.8
4338	0	500	6	1000	10	1500	16	2250	0-7.8	9.45	7.9	10	8-10	13.8
4384A	0	700	3	800	10	1500	16	1950	.....	.....	.....	.....	.....	.....
4480A	0	500	5	850	9	1500	14	2400	①	.....	.....	.....	.....	.....
4481A	0	500	5	850	9	1500	14	2400	②	.....	.....	.....	.....	.....
4503	0	500	4	750	10	1500	16	2250	.....	.....	.....	.....	.....	.....
4438	0	500	4	750	10	1500	16	2250	7.8	1	9	1.5	9	2
R272-D62	2	350	6	1000	13	2000	16	2500	.....	.....	.....	.....	.....	.....

- ① - Ducellier type number.
- ② - With vacuum retard operating, distributor retard is 5±1½° @ 9.84 In. Hg.

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1974 Distributor Specifications (Cont.)

HITACHI DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE — FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATIONS BELOW BY 2.

Distributor Part No.	Centrifugal Advance (Dist. Degrees & RPM)						Vacuum Advance (Dist. Degrees & In. of Hg.)							
	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	In. Hg.	Deg.	In. Hg.	Deg.	In. Hg.
D4A2-01	0	550	10	2150	.....	.....	.....	.....	0	5.91	3.5	9.84	.....	.....
D4A2-02	0	550	3.75	750	13.5	1975	.....	.....	0	5.91	6.5	9.65	.....	.....
D6F3-01	0	500	13	1600	.....	.....	.....	.....	0	11.8	6	18.7	.....	.....
D6F3-02	0	900	13	1600	.....	.....	.....	.....	0	11.8	6	18.7	.....	.....
D414-60	0	450	6-8	1200	13-15	2400	.....	.....	0	7.9 [⊙]	5-7.5	15.7 [⊙]	8-11	21 [⊙]

⊙ — Vacuum retard.

HONDA DISTRIBUTOR SPECIFICATIONS

NOTE — FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATION BELOW BY 2.

Distributor Part No.	Centrifugal Advance (Dist. Degrees & RPM)						Vacuum Advance (Dist. Degrees & In. of Hg.)							
	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	In. Hg.	Deg.	In. Hg.	Deg.	In. Hg.
Honda	4-6	750	11-13	1500	16-18	2000	.....	.....	5.2	3.9	11.2	48	17	6.8

LUCAS DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE — FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATIONS BELOW BY 2.

Distributor Part No.	Rot. [⊙]	Automatic Advance (Dist. Degrees @ RPM)					Vacuum Advance (Dist. Degrees (In. of Hg))				Vacuum Retard (Dist. Degrees (In. of Hg))		
		0	1	3.4	5.7	8.5	.....	.....	.....	.....	2.5-3.5	.....	.....
25D.4	CC	0 500	1 600	3.4 800	5.7 1000	8.5 1250	.....	.....	.....	.....	(10)	.....	.....
23D.4	CC	0 500	1.2 625	3.4 875	4.6 1000	7 1250	.....	.....	.....	.....	.....	.....	.....
22D.6	CC	0 550	1-3.5 700	7-9 1250	10-12 2200	11-13 2500	.....	.....	.....	.....	.....	.....	.....
36DE-12	CW	0 500	5-2.5 600	6-8 1000	11-13 2600	12-14 3500	.....	.....	.....	.....	7-9 (7)	.....	.....

⊙ — Viewed from rotor.

MARELLI DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE — FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATIONS BELOW BY 2.

Distributor Part No.	Centrifugal Advance (Dist. Degrees & RPM)							
	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	RPM
S144CAY	0	500	10	1000	15	1500	18	1800
S103B [⊙]	0	400	8	900	12	1500	18	2400
S103BA [⊙]	0	400	8	900	12	1500	18	2400
61015155	0	600	3	800	10	1500	15	3000

⊙ — Timing at idle is retarded 2° ATDC.

MAZDA DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE — FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATIONS BELOW BY 2.

Model	Centrifugal Advance (Dist. Degrees & RPM)						Vacuum Advance (Dist. Degrees & In. of Hg.)							
	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	In. Hg.	Deg.	In. Hg.	Deg.	In. Hg.
B1600, 808	0	550	3.5	1000	7	1500	11	2000	0	12.6	7.5	21.65	.....	.....
RX-2, RX-3 [⊙]	0±1.5	500	7.5	1500	.....	.....	.....	.....	0±1.5	3.94	8.5	15.75	.....	.....
RX-2, RX-3 [⊙]	0±1	500	7.5	1500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
RX-4, Pick-Up [⊙]	0±1.5	500	10	2000	.....	.....	.....	.....	0±1.5	3.94	15	15.75	.....	.....
RX-4, Pick-Up [⊙]	0±1.5	500	10	2000	.....	.....	.....	.....	0±1.5	3.94	15	15.75	.....	.....
RX-4, Pick-Up [⊙]	0±1.5	500	10	2000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

- ⊙ — Trailing distributor.
- ⊙ — Leading distributor.
- ⊙ — Trailing distributor, manual transmission.
- ⊙ — Trailing distributor, automatic transmission.

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1974 Distributor Specifications (Cont.)

MITSUBISHI DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATIONS BELOW BY 2.

Distributor Part No.	Centrifugal Advance (Dist. Degrees & RPM)								Vacuum Advance (Dist. Degrees & In. of Hg.)					
	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	In. Hg.	Deg.	In. Hg.	Deg.	In. Hg.
T3T03871	-0.3	500	6.2	1000	14	3050	.....	.....	0	6.69	5.25	11.81	8.5	15.75
T3T13671	0	500	7	1400	10	2500	.....	.....	0	8.66	5.25	13.78	8.5	17.72

MOTORCRAFT DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATIONS BELOW BY 2.

Distributor Part No.⓪	Centrifugal Advance (Dist. Degrees & RPM)								Vacuum Advance (Dist. Degrees & In. of Hg.)					
	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	In. Hg.	Deg.	In. Hg.	Deg.	In. Hg.
D47Z-A⓪	0	600	14	2200	.....	.....	.....	.....	0	8.7	7.5	17.7	.....	.....
D47Z-B⓪	0	660	14	2200	.....	.....	.....	.....	0	10.6	7.5	19.7	.....	.....
D30F-FA	0-1	500⓪	1-3	1000	5.5-8	1500	10.5-13	2000	0-3	5⓪	2.5-5	10	2.5-5	20⓪

- ⓪ - Basic part number is 12127.
- ① - Manual transmission.
- ② - Automatic transmission.
- ③ - Calibrate test stand to 0° @ 250 RPM & 0 In. Hg.
- ④ - Calibrate test stand to 0° @ 1000 RPM & 0 In. Hg.
- ⑤ - Vacuum retard 0-3.5° @ 5 In. Hg, 4.5-7° @ 10 In. Hg, 5-7° @ 15 In. Hg.

NIPPONDENSO DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR ENGINE RPM & DEGREES, MULTIPLY SPECIFICATIONS BELOW BY 2.

Distributor Part No.	Centrifugal Advance (Dist. Degrees & RPM)								Vacuum Advance (Dist. Degrees & In. of Hg.)					
	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	RPM	Deg.	In. Hg.	Deg.	In. Hg.	Deg.	In. Hg.
24012	0	650	14	2100	.....	.....	.....	.....	0	4.33	6	7.87	9	10
26030	0	500	8.5	1000	16.5	2300	.....	.....	0	3.15	3	4.06	7	5.51
26031 ⓪	0	500	8.5	1000	16.5	2300	.....	.....	0	3.15	3	4.06	7	5.51
26031 ①	0	500	11	1500	16.5	2300	.....	.....	0	3.15	3	4.06	7	5.51
26051	0	500	11	1500	16.6	2300	.....	.....	0	3.15	3	4.06	7	5.51
26071⓪	0	500	8.5	1000	16.5	2300	.....	.....	0	3.15	3	4.06	7	5.51
26071①	0	500	11	1500	16.5	2700	.....	.....	0	3.15	3	4.06	7	5.51
34053⓪	0	600	5.5	1050	13	2600	.....	.....	0	3.15	5	4.72	8	5.91
34053①	0	850	11	1850	13	2600	.....	.....	0	3.15	5	4.84	8	5.91
34044	0	600	5.5	1050	13	2600	.....	.....	0	3.15	5	7.88	8	11.8
34160	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45051	0	620	5	900	14	2000	.....	.....	0	3.25	4	5.12	7	8.27
45060⓪	0	500	6	900	12	1800	.....	.....	0	3.54	5.7	6.3	8.5	9.8
60066⓪	0	490	7.2	920	15	1800	.....	.....	0	1.60	6	2.35	⓪	.....
60080⓪	0	490	7.2	920	15	1800	.....	.....	0	1.60	6	2.35	⓪	.....
Honda	0	500	2.5	750	5	1000	14.5	2000	0	5.9	7.5	12	⓪	.....

- ⓪ - Manual transmission.
- ① - Automatic transmission.
- ② - Vacuum retard, 0° @ 2.36 In. Hg, 2.5° @ 4.72 In. Hg (distributor degrees).
- ③ - Without EGR.
- ④ - With EGR.
- ⑤ - Vacuum retard, 0° @ 6.3 In. Hg, 3° @ 7.48 In. Hg (distributor degrees).
- ⑥ - Vacuum retard, 0° @ 11.8 In. Hg, 2.5° @ 12.8 In. Hg.