

4-12 1974-79 DISTRIBUTORS & IGNITION SYSTEMS 1977 Distributor Specifications

BOSCH DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

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

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)					Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	12	18	28	36	0	2	.....	2	0	2	6	8
047 905 205ⓐ	0	12	18	28	36	0	2	.....	2	0	2	6	8	
049 905 205Aⓐ	1000	1600	2000	3000	4000	2.2	2.9	.....	11.8	2.2	2.9	5.9	11.8	
	0	17	19	27	28	0	.....	.....	6	0	.....	.....	9	
056 905 205Cⓐ	1400	2000	2400	4800	5200	9	.....	.....	11	6	.....	.....	9.6	
	0	17	21	.....	28	0	.....	.....	13	0	.....	.....	10.9	
058 905 205Aⓐ	1250	2100	3000	.....	5000	8.8	.....	.....	13.9	7.3	.....	.....	9	
	0	3	10	29	31	0	.....	.....	4	0	.....	.....	11	
0231 168 005	1100	1300	1600	3200	3400	3	.....	.....	4	4.5	.....	.....	7.5	
	0	14	16	24	26	0	4	.....	6	.....	.....	.....	.....
0231 170 093	100	1600	2000	3000	4000	3.9	5.9	.....	7.9	.....	.....	.....	.....
	0	14	17	24	25	0	4	.....	6	.....	.....	.....	.....
0231 170 137	1000	1600	2000	3000	4000	3.9	5.9	.....	7.9	.....	.....	.....	.....
	0	19	22	34	39	0	3	.....	13	.....	.....	.....	.....
0231 170 145	800	2000	3000	4000	5000	5.5	7.9	.....	11.8	.....	.....	.....	.....
	0	7	19	23	28	0	4	6	7.5	.....	.....	.....	.....
0231 170 214	800	2000	3000	4000	5000	1.6	7.9	11.8	15.7	.....	.....	.....	.....
	0	18	26	34	36	.....	.....	.....	.....	0	11	.....	13	
0231 176 032	1000	2000	2600	4000	5000	.....	.....	.....	.....	3.9	7.9	.....	11.8	
	0	10	18	30	34	0	.....	.....	5	0	4	.....	6	
0231 176 044	1100	1400	2000	3000	4000	3.3	.....	.....	7.9	3.3	5.5	.....	11.8	
	0	12	16	22	24	0	3	.....	4	0	2	3	4	
0231 176 053	1000	1400	2000	3000	4000	3.9	5.9	.....	7.9	1.6	3.9	5.9	7.9	
	0	12	16	22	24	0	4	.....	7	0	2	.....	4	
0231 176 057	1000	1400	2000	3000	4000	3.7	5.9	.....	7.9	2.4	3.9	.....	7.9	
	0	18	24	28	31	0	3	.....	4	0	2	.....	5	
0231 184 004	800	2000	3000	4000	5000	7.9	9.8	.....	11.8	3.9	5.9	.....	7.9	
	0	10	18	22	28	.....	.....	.....	.....	0	3	.....	6	
0231 305 052	1200	2000	2400	4000	6000	.....	.....	.....	.....	1.6	2.4	.....	3.9	
	0	8	14	20	21	0	3.5	.....	4.5	.....	.....	.....	.....
0231 305 059	800	1600	2200	3000	4000	3.9	5.9	.....	7.9	.....	.....	.....	.....
	0	7	12	.....	15	.....	.....	.....	.....	0	3	7	9	
0231 305 070	800	1500	2000	.....	4000	.....	.....	.....	.....	3.1	4.7	7.8	11.8	
	0	6	8	14	18	.....	.....	.....	.....	0	4	.....	7	
0231 308 010	800	1400	2000	3000	4000	.....	.....	.....	.....	3.9	7.9	.....	11.8	
	0	10	14	19	21	0	4	.....	4.5	0	2	4	7	
0231 308 012	800	1600	2200	3000	4000	3.9	5.9	.....	7.9	3.9	7.9	9.8	15.7	
	0	8	14	19	21	0	4	.....	4.5	0	2	4	4.5	
0237 003 003	800	1600	2200	3000	4000	3.9	5.9	.....	7.9	3.9	7.9	9.8	11.8	
	0	14	20	26	31	0	3	.....	5	0	2	.....	5	
.....	800	2000	3000	4000	5000	3.9	5.9	.....	11.8	3.9	5.9	.....	11.8	

BOSCH DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS (Cont.)

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

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)					Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	8	12	14	15	0	4	.....	6	0	5	8	10
0237 304 001	0	8	12	14	15	0	4	.....	6	0	5	8	10	
0237 402 008	1200	2600	3200	3600	4000	3.9	5.9	.....	7.9	1.6	3.5	4.7	7.9	
	0	14	18	22	28	0	3	6	8	.....	.....	.....	.....
0237 405 002	800	2000	2500	3000	4000	3.9	7.9	11.8	15.7	.....	.....	.....	.....
	0	8	14	20	24	0	2.5	.....	6	0	2.5	.....	5	
0237 406 001	1000	1500	2000	2500	4000	3.4	5.5	.....	7.9	3.3	5.5	.....	7.9	
	0	16	22	30	29	0	6	.....	8	0	4	.....	6	
.....	800	2000	3000	4000	5000	3.9	7.9	.....	11.8	3.9	5.9	.....	7.9	

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

ⓑ - Porsche part number is given.

ⓒ - Audi part number is given.

1974-79 DISTRIBUTORS & IGNITION SYSTEMS 4-13 1977 Distributor Specifications (Cont.)

DUCELLIER DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

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

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	14	.....	.....	23	0	7	.....	22	.....	.....	.....	.....
4441	C	0	14	.....	.....	23	0	7	.....	22	.....	.....	.....	.....
4480Aⓑ	C	1000	2750	.....	.....	5200	3	8	.....	13	.....	.....	.....	.....
		0	8	11.5	17.5	28	0	3.5	7	10	0	5	10	.....
4480A	C	1000	1500	2000	3000	4800	4	6	8	10	7	10	13	.....
		0	8.5	11.5	17.5	23	3.5	7	10	10	5.5	10	.....	.....
4546ⓑ	C	1000	1500	2000	3000	4000	4	6	8	10	4	7	.....	.....
		0	14	.....	.....	36	0	5	.....	9	.....	.....	.....	.....
4546	C	1100	1400	.....	.....	5000	1	1.5	.....	2	.....	.....	.....	.....
		0	14	.....	.....	36	8	.....	.....	9	.....	.....	.....	.....
525003	C	1100	1400	.....	.....	5000	1	.....	.....	1.5	.....	.....	.....	.....
		0	14	.....	.....	23	0	7	.....	11	.....	.....	.....	.....
525089	C	1100	2750	.....	.....	5200	3	8	.....	13	.....	.....	.....	.....
		0	8	.....	.....	26	0	8	17	22	0	4	9	12
590166	C	1100	1500	.....	.....	4900	3	4.5	7	9.5	3	4	5	6
		0	14	.....	.....	26	0	.....	.....	5.5	.....	.....	.....	.....
		1000	3000	.....	.....	5000	3.9	.....	.....	11.8	.....	.....	.....	.....

- ⓐ — C (Clockwise), CC (Counterclockwise), viewed from rotor end.
- ⓑ — Specifications for Model 128 Calif. only.
- ⓒ — Specifications for Model R-17GTL Calif. only.

HITACHI DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

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

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	.....	.....	.....	11	0	.....	.....	3	.....	.....	.....	.....
D4A4-06	CC	0	.....	.....	.....	11	0	.....	.....	3	.....	.....	.....	.....
D4A4-07	CC	1100	.....	.....	.....	4600	5.9	.....	.....	9.8	.....	.....	.....	.....
		0	.....	.....	.....	22	0	.....	.....	6.5	.....	.....	.....	.....
D4A5-05	CC	1200	.....	.....	.....	3900	6.7	.....	.....	11.8	.....	.....	.....	.....
		0	.....	.....	.....	28	0	.....	.....	6.5	.....	.....	.....	.....
D4A5-13	CC	1100	.....	.....	.....	4600	6.7	.....	.....	11.8	.....	.....	.....	.....
		0	.....	.....	.....	28	0	.....	.....	15	.....	.....	.....	.....
D4A5-14	CC	1100	.....	.....	.....	4600	4.1	.....	.....	15.4	.....	.....	.....	.....
		0	.....	.....	.....	22	0	.....	.....	10	.....	.....	.....	.....
D4A6-03	CC	1200	.....	.....	.....	3900	2.7	.....	.....	7.6	.....	.....	.....	.....
		0	.....	.....	.....	22	0	.....	.....	4	.....	.....	.....	.....
D4F4-03	CC	1200	.....	.....	.....	3900	3.5	.....	.....	6.3	.....	.....	.....	.....
		0	.....	.....	.....	22	0	.....	.....	3	.....	.....	.....	.....
D4F4-04	CC	1200	.....	.....	.....	3900	5.9	.....	.....	9.8	.....	.....	.....	.....
		0	.....	.....	.....	22	0	.....	.....	3	.....	.....	.....	.....
D4F4-07	CC	1100	.....	.....	.....	22	5.9	.....	.....	9.8	.....	.....	.....	.....
		0	.....	.....	.....	22	0	.....	.....	3	.....	.....	.....	.....
D4F5-03	CC	1200	.....	.....	.....	3900	3.5	.....	.....	5.5	.....	.....	.....	.....
		0	.....	.....	.....	28	0	.....	.....	15	.....	.....	.....	.....
D4F5-04	CC	1100	.....	.....	.....	4600	4.1	.....	.....	15.4	.....	.....	.....	.....
		0	.....	.....	.....	28	0	.....	.....	15	.....	.....	.....	.....
D4F5-05	CC	1100	.....	.....	.....	4600	4.1	.....	.....	15.4	.....	.....	.....	.....
		0	.....	.....	.....	28	0	.....	.....	9	.....	.....	.....	.....
D4F5-06	CC	1100	.....	.....	.....	4300	6.7	.....	.....	11.8	.....	.....	.....	.....
		0	.....	.....	.....	22	0	.....	.....	10	.....	.....	.....	.....
D4H6-01	CC	1200	.....	.....	.....	3900	2.8	.....	.....	7.7	.....	.....	.....	.....
		0	14	.....	.....	28	0	.....	.....	10	0	.....	.....	7.5
D6F4-03	CC	1000	2400	.....	.....	4800	9.7	.....	.....	11.8	2.9	.....	.....	10.8
		0	.....	.....	.....	17	0	.....	.....	7.5	.....	.....	.....	.....
D6F5-02	CC	1200	.....	.....	.....	2500	7.9	.....	.....	13.8	.....	.....	.....	.....
		0	.....	.....	.....	17	0	.....	.....	9	.....	.....	.....	.....
D6F5-03	CC	1200	.....	.....	.....	2500	5.9	.....	.....	11.6	.....	.....	.....	.....
		0	.....	.....	.....	17	0	.....	.....	5	.....	.....	.....	.....
D6F6-01	CC	1200	.....	.....	.....	2500	5.9	.....	.....	9.8	.....	.....	.....	.....
		0	.....	.....	.....	17	0	.....	.....	12.5	.....	.....	.....	.....
657 772ⓑ	CC	1200	.....	.....	.....	2500	2.7	.....	.....	9.4	.....	.....	.....	.....
		8	16	.....	.....	21	0	.....	.....	12	0	.....	.....	7
657 773	CC	1500	2500	.....	.....	3300	6	.....	.....	13	3.5	.....	.....	5
		0	12	22	.....	31	0	.....	.....	7.5	0	.....	.....	2.5
657 791	CC	1000	2000	3000	.....	4000	5.9	.....	.....	12	11.8	.....	.....	2.8
		0	6	10	20	18	0	6	9	12	0	2	4	7
643 911	CC	1250	2000	2500	3800	5000	6	8	11	13.5	2.5	3.5	4	4.5
		0	11	16	21	25	0	9	15	17	.....	.....	.....	.....
		1100	1800	2500	3200	5000	7.8	9.8	11.8	13.7	.....	.....	.....	.....

- ⓐ — C (Clockwise), CC (Counterclockwise), viewed from rotor end
- ⓑ — Honda basic part number 30100.

4-14 1974-79 DISTRIBUTORS & IGNITION SYSTEMS 1977 Distributor Specifications (Cont.)

LUCAS DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

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

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	10	13	14	14	.....	.....	.....	.....	0	6	.....	6
41593	CC	0	10	13	14	14	.....	.....	.....	.....	0	6	.....	6
		1200	1600	2600	3200	5000	.....	.....	.....	.....	1	15	.....	15
41601	CC	0	3	9	14	16	.....	.....	.....	.....	0	12	.....	12
		880	1500	2100	3800	4500	.....	.....	.....	.....	0	11	.....	15
41603	CC	0	8	11	19	22	.....	.....	.....	.....	0	10	.....	14
		880	1500	2100	3800	4500	.....	.....	.....	.....	3	11	.....	15
41675	CC	0	24	31	.....	36	0	.....	.....	4	.....	.....	.....	.....
		900	2000	4000	.....	6200	6	.....	.....	10	.....	.....	.....	.....
41677	CC	0	3	14	18	26	0	.....	.....	8	.....	.....	.....	.....
		800	1200	2000	2600	7000	7	.....	.....	10	.....	.....	.....	.....
41692	CC	18	32	.....	.....	36	0	.....	.....	24	.....	.....	.....	.....
		2000	4000	.....	.....	5000	3	.....	.....	11	.....	.....	.....	.....
41693	CC	15	30	.....	.....	35	0	.....	.....	24	.....	.....	.....	.....
		2000	3500	.....	.....	4500	3	.....	.....	11	.....	.....	.....	.....
41695	CC	15	30	.....	.....	35	0	.....	.....	14	.....	.....	.....	.....
		2000	3500	.....	.....	4500	5	.....	.....	11	.....	.....	.....	.....
41697	CC	4	10	.....	.....	17	0	.....	.....	22	.....	.....	.....	.....
		1200	1500	.....	.....	3300	5	.....	.....	10	.....	.....	.....	.....
41698	CC	4	10	.....	.....	17	.....	.....	.....	0	.....	.....	.....	12
		1200	1500	.....	.....	3300	.....	.....	.....	5	.....	.....	.....	10

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

MARELLI DISTRIBUTOR ADVANCE SPECIFICATIONS

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

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	13	21	30	37	.....	.....	.....	.....	.....	.....	.....	.....
S144CAY	C	0	13	21	30	37	.....	.....	.....	.....	.....	.....	.....	.....
		1000	1600	2000	3000	3600	.....	.....	.....	.....	.....	.....	.....	.....
S144CBY	C	0	20	30	.....	36	.....	.....	.....	.....	.....	.....	.....	.....
		1000	2000	3000	.....	3600	.....	.....	.....	.....	.....	.....	.....	.....

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

MAZDA DISTRIBUTOR ADVANCE SPECIFICATIONS

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

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3710 18 200	0	.....	.....	.....	25	0	.....	.....	6	.....	.....	.....	.....
		1200	.....	.....	.....	5500	12.6	.....	.....	19.3	.....	.....	.....	.....
3725 18 200A	0	.....	.....	.....	22	0	.....	.....	18	.....	.....	.....	.....
		1100	.....	.....	.....	4000	9.4	.....	.....	18.9	.....	.....	.....	.....
3770 18 200A	0	.....	.....	.....	22	0	.....	.....	18	.....	.....	.....	.....
		1100	.....	.....	.....	4000	12.6	.....	.....	22	.....	.....	.....	.....
3790 18 200	0	.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....
Leading	1000	.....	.....	.....	3500	.....	.....	.....	.....	.....	.....	.....	.....
Trailing	0	.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....
		1000	.....	.....	.....	3500	.....	.....	.....	.....	.....	.....	.....	.....
3928 18 200	0	.....	.....	.....	22	0	.....	.....	7.5	.....	.....	.....	.....
		1100	.....	.....	.....	4000	10.6	.....	.....	19.7	.....	.....	.....	.....
8028 18 200	0	.....	.....	.....	25	0	.....	.....	12	.....	.....	.....	.....
		1200	.....	.....	.....	5500	17.3	.....	.....	31	.....	.....	.....	.....
8235 18 200	0	.....	.....	.....	25	0	.....	.....	10	.....	.....	.....	.....
Leading	1000	.....	.....	.....	4000	3.9	.....	.....	31.4	.....	.....	.....	.....
Trailing	0	.....	.....	.....	25	0	.....	.....	35	.....	.....	.....	.....
		1000	.....	.....	.....	4000	7.8	.....	.....	31.4	.....	.....	.....	.....
8649 18 200B	0	.....	.....	.....	20	0	.....	.....	30	.....	.....	.....	.....
Leading	1000	.....	.....	.....	3000	7.8	.....	.....	31.4	.....	.....	.....	.....
Trailing	0	.....	.....	.....	20	0	.....	.....	30	.....	.....	.....	.....
		1000	.....	.....	.....	3000	15.6	.....	.....	31.4	.....	.....	.....	.....
8650 18 200	0	.....	.....	.....	20	0	.....	.....	30	.....	.....	.....	.....
Leading	1000	.....	.....	.....	3000	7.8	.....	.....	31.4	.....	.....	.....	.....
Trailing	0	.....	.....	.....	20	0	.....	.....	30	.....	.....	.....	.....
		1000	.....	.....	.....	3000	15.6	.....	.....	31.4	.....	.....	.....	.....
8735 18 200	0	.....	.....	.....	25	0	.....	.....	10	.....	.....	.....	.....
Leading	1000	.....	.....	.....	4000	3.9	.....	.....	31.4	.....	.....	.....	.....
Trailing	0	.....	.....	.....	25	0	.....	.....	35	.....	.....	.....	.....
		1000	.....	.....	.....	4000	3.9	.....	.....	31.4	.....	.....	.....	.....

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

1974-79 DISTRIBUTORS & IGNITION SYSTEMS 4-15 1977 Distributor Specifications (Cont.)

MITSUBISHI DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

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

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)					Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	20
T3T03875	C	0	.....	.....	.....	20	0	.....	.....	23	.....	.....	.....	.....
		1000	.....	.....	.....	4400	3.2	.....	.....	11.2	.....	.....	.....	.....
T3T04276	C	0	.....	.....	.....	20	0	.....	.....	20	0	.....	.....	10
		1000	.....	.....	.....	4400	3.2	.....	.....	14.2	7.9	.....	.....	10.7
T3T04575	C	0	.....	.....	.....	20	0	.....	.....	23	.....	.....	.....	.....
		1200	.....	.....	.....	6000	3.2	.....	.....	11	.....	.....	.....	.....
T3T04874	C	0	.....	.....	.....	20	0	.....	.....	20	0	.....	.....	10
		1200	.....	.....	.....	6000	3.2	.....	.....	14.2	9.5	.....	.....	12
T3T05672	C	0	.....	.....	.....	20	0	.....	.....	20	0	.....	.....	10
		1000	.....	.....	.....	4000	3.2	.....	.....	14.2	7.9	.....	.....	10.7
T3T05771	C	0	.....	.....	.....	20	0	.....	.....	23	.....	.....	.....	.....
		1000	.....	.....	.....	4400	3.2	.....	.....	11.2	.....	.....	.....	.....

ⓐ — C (Clockwise), CC (Counterclockwise), viewed from rotor end

NIPPONDENSO DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

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

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)					Vacuum Retard (Engine Degrees @ In. of Hg)			
		0
029 100 3281	CC	0	6	16	22	25	0	3	4	5	.....	.....	.....	.....
		1200	2000	3000	4000	5000	3.9	5.9	7.9	11.8	.....	.....	.....	.....
029 100 3700	CC	0	6	14	28	29	0	.....	.....	16	0	.....	.....	20
		1000	1680	2400	4800	6000	4	.....	.....	12	4	.....	.....	14
029 100 4270	CC	0	14	.....	.....	28	0	.....	.....	10	0	.....	.....	7.5
		1000	2400	.....	.....	4800	19.7	.....	.....	11.8	2.9	.....	.....	10.8
240130	C	0	23	.....	.....	28	0	6	.....	9	.....	.....	.....	.....
		1000	3400	.....	.....	5400	4.3	7.8	.....	10.2	.....	.....	.....	.....
26230ⓐ	C	0	16	24	.....	23.8	0	3	.....	9	.....	.....	.....	.....
		1100	2400	4200	.....	6000	3.5	4.7	.....	11.8	.....	.....	.....	.....
262400	C	0	16	20	.....	19.7	0	4	.....	9	0	.....	.....	5
		1100	2400	3300	.....	6000	3.5	5.9	.....	10.2	2.7	.....	.....	5.9
38020ⓐ	C	0	1.9	9.4	13.6	20.8	0	1.7	11.8	14	.....	.....	.....	.....
		1100	1300	2000	2600	6000	3.9	4.7	6.7	15.7	.....	.....	.....	.....
380400	C	0	9.4	13.6	18.9	20.8	0	1.5	8.6	10	.....	.....	.....	.....
		1100	2000	2600	4400	6000	3.9	4.7	10.2	14.9	.....	.....	.....	.....
61021ⓐ	C	0	13	20	.....	19.4	.....	.....	.....	.....	0	.....	.....	5
		1200	1800	3800	.....	6000	.....	.....	.....	.....	3.9	.....	.....	6.3
610600	C	0	20	.....	.....	19.6	0	.....	.....	5	0	.....	.....	5
		1000	3200	.....	.....	6000	3.9	.....	.....	6.3	3.1	.....	.....	5.5

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

ⓐ — Toyota basic part number 19100.