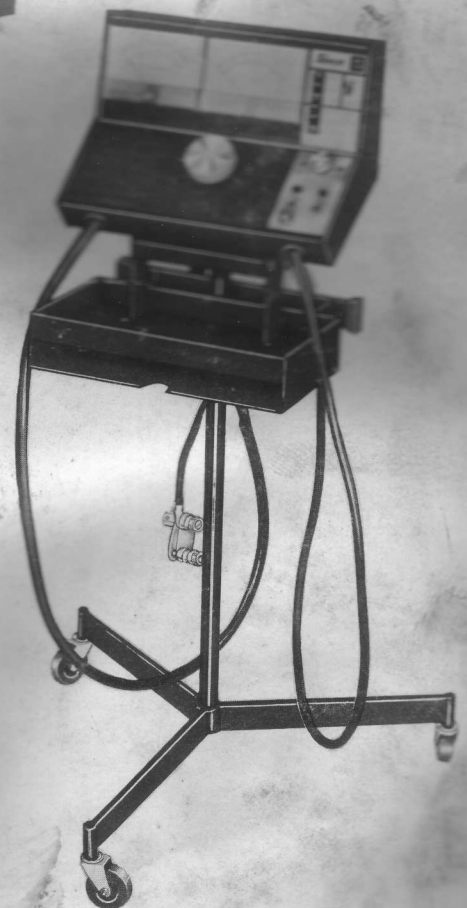


For Use with Snap-on Automotive Test Equipment

Specifications



Dwell
Idle Speed
Firing Order
Initial Timing
Charging System



DWELL, IDLE AND TIMING RPM SPECIFICATIONS

Passenger Cars

Make	Year - Model	Dwell	Idle Speed - RPM		Timing RPM*
		Deg.	Manual Trans.	Auto. Trans.	
AMERICAN MOTORS	1964-65—6 cyl.	31-34	550	550	550
	1964-65—V-8	28-32	500	500	500
	1966—6 cyl.	31-34	550	550	550
	1967—6 cyl.	31-34	600	600	600
	1968-69—6 cyl.	31-34	600	525	525
	1968-69—V-8	28-32	650	550	550
	1970—6 cyl.	31-34	600	550	500
	1970—V-8	28-32	650	600	500
	1971—6 cyl.	31-34	700	600	**
	1971-72—V-8	29-31	750	650	**
	1972—6 cyl.	31-34	600	550	**
	1973—6 cyl.	31-34	700	600	**
	1973—V-8	29-31	750	700	**
	1963-65—V-6	29-31	550	550	550
	1964-66—V-8, 300, 340	28-32	550	550	550
	1964-66—400, 401, 425	28-32	500	500	500
BUICK	1966—V-6	29-31	500	500	500
	1967—All	29-31	550	550	550
	1968-69—6 cyl.	30-34	700	500	500
	1968-69—V-8, 430	29-31	700	550	550
	1968—V-8, 350	29-31	700	550	**
	1969-70—V-8, 350, 455	29-31	700	600	**
	1970—6 cyl.	30-34	750	600	**
	1971—6 cyl.	30-34	550	500	**
	1971—V-8, 350	29-31	800	600	**
	1971—V-8, 455	29-31	700	600	**
	1972—V-8, 350	29-31	600	500	**
	1972—V-8, 455	29-31	600	500	**
	1973—V-8, 350	30	800	650	**
	1973—V-8, 455	30	900	650	**
	1962-67	28-32	None	480	480
	1968-69	28-32	None	550	550
	1970-73	28-32	None	600	600
CADILLAC	1962-66—4 cyl.	31-34	500	500	500
	1964—6 cyl., 194, 230	31-34	550	500	475
	1964—V-8, 283, 327	28-32	500	500	450
	1965-66—6 cyl., V-8, 283, 327	31-34	450-500	450	450-500
	1967—All except 327, 427	28-32	500	500	500
	1967—327	28-32	500	600	500
	1967—427	28-32	550	550	550
	1968-69—4 cyl.	31-34	750	600	600
	1968—6 cyl.	31-34	700	600	600
	1968—V-8, 230, 250	28-32	700	500	500
CHEVROLET	1962-66—4 cyl.	31-34	500	500	500
	1964—6 cyl., 194, 230	31-34	550	500	475
	1964—V-8, 283, 327	28-32	500	500	450
	1965-66—6 cyl., V-8, 283, 327	31-34	450-500	450	450-500
	1967—All except 327, 427	28-32	500	500	500
	1967—327	28-32	500	600	500
	1967—427	28-32	550	550	550
	1968-69—4 cyl.	31-34	750	600	600
	1968—6 cyl.	31-34	700	600	600
	1968—V-8, 230, 250	28-32	700	500	500

NOTE: For General Motors and Ford products with automatic transmissions make idle speed adjustments with selector in "Drive."
 *Disconnect vacuum control for timing. **Use idle speed. •On dual point distributors dwell is 27°-32° for each set, 37°-42° total.
 ••No dwell. Electronic ignition.

NOTE: Above specifications are for standard models only. Refer to the underhood decal on late model cars and use those specifications in preference to those shown above, especially on cars manufactured for sale in California.

DWELL, IDLE AND TIMING RPM SPECIFICATIONS

Passenger Cars

Make	Year - Model	Dwell	Idle Speed - RPM		Timing RPM*
		Deg.	Manual Trans.	Auto. Trans.	
CHEVROLET (Cont.)	1968—V-8, others	28-32	700	600	600
	1969—6 cyl.	31-34	700	550	**
	1969—V-8 (Exc. 427)	31-34	700	600	**
	1969—427	28-32	800	600	**
	1970—4 cyl.	31-34	750	650	**
	1970—6 cyl.	30-34	750	600	**
	1970—V-8, 302	28-32	900	750	**
	1970—V-8, 307, 400	28-32	700	600	**
	1970—V-8, 350	28-32	750	600	**
	1970—V-8, 396-350 HP	28-32	700	600	**
	1970—V-8, 396-375 HP	28-32	750	700	**
	1970—V-8, 427-390 HP	28-32	800	600	**
	1971—4 cyl.	31-34	700	550	**
	1971—6 cyl.	30-34	550	500	**
	1971—V-8, 307, 350	28-32	600	550	**
	1971—V-8, 350-330 HP	28-32	700	700	**
	1971—V-8, 400	28-32	600	550	**
	1971—V-8, 402	28-32	600	600	**
	1971—V-8, 454-365 HP	28-32	600	600	**
	1971—V-8, 454-425 HP	28-32	700	700	**
	1972—Vega	31-34	850	700	**
	1972-73—6 cyl.	31-34	700	600	**
	1972-73—V-8, 307	29-31	900	600	**
	1972—V-8, 350, 155-165 HP	29-31	900	600	**
	1972—V-8, 350, 175 HP	29-31	800	600	**
	1972—V-8, 350, 255 HP	29-31	900	700	**
	1972-73—V-8, 400	29-31	900	600	**
	1972—V-8, 402, 454	29-31	750	600	**
	1973—V-8, 350	29-31	900	600	**
	1973—V-8, 454	29-31	900	600	**
	1973—Vega 72 HP	31-34	1000	750	**
	1973—Vega 85 HP	31-34	1200	750	**
CHRYSLER	1964-66	27-32•	500	500	450
	1967	28-33•	550	550	550
	1968	28-33•	650	600	600
	1969—V-8, 383, 440, 2 Bbl.	30-35•	700	600	**
	1969—V-8, 383, 440, 4 Bbl.	30-35•	700	650	**
	1970—V-8, 383, BBD, Holley	28½-32½	750	650	**
	1970—V-8, 383, Carter	28½-32½	900	700	**
	1970—V-8, 440, Holley	28½-32½	—	650	**
	1970—V-8, 440, Carter	28½-32½	900	800	**
	1971—V-8, 383, Holley	28½-32½	900	800	**
	1971—V-8, 383 Carter	28½-32½	—	800	**

NOTE: For General Motors and Ford products with automatic transmissions make idle speed adjustments with selector in "Drive."

*Disconnect vacuum control for timing. **Use idle speed. •On dual point distributors dwell is 27°-32° for each set, 37°-42° total.

••No dwell. Electronic ignition.

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DWELL, IDLE AND TIMING RPM SPECIFICATIONS

Passenger Cars

Make	Year - Model	Dwell	Idle Speed - RPM		Timing RPM*
		Deg.	Manual Trans.	Auto. Trans.	
CHRYSLER (Cont.)	1971—V-8, 383 BBD	28½-32½	750	700	**
	1971—V-8, 440 Carter	28½-32½	900	750	**
	1972—V-8, 360	30-34	—	700	**
	1972—V-8, 400 2 Bbl.	28½-32½	—	700	**
	1972—V-8, 400 4 Bbl.	28½-32½	900	750	**
	1972—V-8, 440 (Std.)	30-34	—	750	**
	1973—V-8, 360	••	—	750	**
	1973—V-8, 400 2 Bbl.	••	—	700	**
	1973—V-8, 400 4 Bbl.	••	—	750	**
	1973—V-8, 440	••	—	800	**
COMET, COUGAR FALCON	1964-65—144, 170	35-38	500-525	500-525	500
	1964-67—260, 289	37-42	575-600	475-500	500
	1966-67—170, 200	37-42	575-600	500-525	500
	1968-73—See Ford				
CORVAIR	1963-66	31-34	450-500	475-500	450
	1963-66 Turbo-chgd.	31-34	850	850	850
	1965-66—110, 140 HP	31-34	600-650	600-650	600-650
	1967—95 HP	31-34	500	500	500
	1967—110 HP	31-34	650	500	500
	1968-69—95, 110	31-34	700	600	600
DODGE, DART	1968-69—140	31-34	650	550	550
	1962-67—6 cyl.	40-45	550	550	550
	1968—6 cyl. (170)	40-45	700	700	700
	1968—6 cyl. (225)	40-45	650	650	650
	1958-64—V-8	27-32•	500	500	500
	1965—V-8	28-33•	550	550	550
	1966-67—V-8, 273, 318	28-33•	500	500	500
	1966-67—V-8, 383, 440	28-33•	550	550	550
	1968—V-8, 273, 340	28-33•	700	650	650
	1968—V-8, 318, 383, 440	28-33•	650	600	600
	1969-70—6 cyl., 170, 198	42-47	750	750	750
	1969—6 cyl., 225	42-47	700	650	**
	1969—V-8, 273, 318	30-35	700	650	**
	1969—V-8, 340	30-35	750	700	**
	1969—V-8, 383, 440	30-35	700	650	**
	1970—V-8, 318	30-34•	750	700	**
	1970—V-8, 340	30-34•	950	900	**
	1970—V-8, 383 BBD, Holley	28½-32½	750	650	**
	1970—V-8, 383 Carter	28½-32½	—	700	**
	1970—V-8, 440 Carter	28½-32½	900	800	**
	1970—V-8, 440 Holley 4160	28½-32½	650	650	650
	1970—V-8, 440 Holley 2300, 426	28½-32½	900	900	900
	1971-72—6 cyl., 198	41-46	800	800	**

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DWELL, IDLE AND TIMING RPM SPECIFICATIONS

Passenger Cars

Make	Year - Model	Dwell	Idle Speed - RPM		Timing RPM*
		Deg.	Manual Trans.	Auto. Trans.	
DODGE, DART (Cont.)	1971-72—6 cyl., 225	41-46	750	700	**
	1971-72—V-8, 318, 360	30-34•	750	700	**
	1971—V-8, 340	30-34•	900	900	**
	1972—V-8, 340	None	900	750	**
	1973—6 cyl., 198	••	800	750	**
	1973—6 cyl., 225	••	750	750	**
	1973—V-8, 318	••	750	750	**
	1973—V-8, 340	••	900	750	**
	1973—V-8, 360	••	—	750	**
	1973—V-8, 400, 2 Bbl.	••	—	700	**
	1973—V-8, 400, 4 Bbl.	••	800	750	**
	1973—V-8, 440	••	—	700	**
FORD	1964-65—223	35-38	525-550	525-550	525
	1964-67—289, 352, 390	26-31	575-600	475-500	500
	1964-67—427	26-31	700-800	—	500
	1965-66—240	35-40	500-525	500-525	500
	1967-68—240	35-40	600	500	500
	1968—289, 302, 390	24-29	625	550	550
	1968—170, 200	35-40	700	550	550
	1969—6 cyl., 170, 200	35-40	750	550	**
	1969—6 cyl., 240	35-40	775	550	**
	1969—6 cyl., 250	35-40	700	550	**
	1969—V-8, 302, 351, 2 Bbl.	26-31	650	550	**
	1969—V-8, 351, 4 Bbl.	26-31	675	575	**
	1969—V-8, 428	26-31	700	650	**
	1969—V-8, 390, 429	26-31	650	550	**
	1970—6 cyl., 170, 200, 250	35-40	750	550	**
	1970—6 cyl., 170, 200 A/C	35-40	800	600	**
	1970—6 cyl., 250 A/C	35-40	750	600	**
	1970—V-8, 302	24-29	800	575	**
	1970—V-8, 302 A/C, 351-4V, 429	24-29	800	600	**
	1970—V-8, 351-2V	24-29	700	600	**
	1970—V-8, 390	24-29	750	575	**
	1970—V-8, 390 A/C	24-29	750	600	**
	1970—V-8, 428	24-29	725	675	**
	1970—V-8, 429 Cobra Jet	24-29	700	650	**
	1971—6 cyl., 170, 200	33-38	750	—	**
	1971-72—6 cyl., 240	35-39	800	500	**
	1971-72—6 cyl., 250	35-39	750	600	**
	1971-72—V-8, 302	26-30	800	600	**
	1971—V-8, 351	24-29	775	600	**
	1971—V-8, 390	24-29	600	600	**
	1971—V-8, 429	24-29	850	600	**

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DWELL, IDLE AND TIMING RPM SPECIFICATIONS

Passenger Cars

Make	Year - Model	Dwell	Idle Speed - RPM		Timing RPM*
		Deg.	Manual Trans.	Auto. Trans.	
FORD (Cont.)	1972—4 cyl., 98	36-40	900	—	**
	1972—4 cyl., 122	36-40	750	650	**
	1972—6 cyl., 170	35-39	750	—	**
	1972—6 cyl., 200	35-39	800	600	**
	1972—V-8, 351-2V	26-30	750	575	**
	1972—V-8, 351-4V	26-30	1000	700	**
	1972—V-8, 400	26-30	—	625	**
	1972—V-8, 429	26-30	—	600	**
	1973—Pinto 98	37-41	950	—	**
	1973—Pinto 122	37-41	750	650	**
	1973—6 cyl., 200	33-39	750	550	**
	1973—6 cyl., 250	33-39	750	600	**
	1973—V-8, 302	24-30	825	650	**
	1973—V-8, 351W	24-30	—	600	**
	1973—V-8, 351C-2V	24-30	—	700	**
	1973—V-8, 400	24-30	—	625	**
	1973—V-8, 429	24-30	—	650	**
LINCOLN	1964-67	26-28½	None	450-475	450-475
	1968	26-31	None	550	550
	1970-71	26-31	None	600	600
	1972-73—All	26-30	—	625	**
MERCURY	1961-73—See Ford				
OLDSMOBILE	1964-65—V-6	28-32	550	550	550
	1964-67—V-8, 330	28-32	600	500	850
	1964—V-8, 394	28-32	500	500	850
	1965—V-8, 425	28-32	500	500	850
	1966-67—6 cyl.	31-34	500	500	500
	1966-67—V-8, 400	28-32	600	550	850
	1966-67—V-8, 425	28-32	550	500	850
	1968—6 cyl.	31-34	650	550	550
	1968—V-8, 400	28-32	—	725	850
	1968-69—V-8, 455	28-32	—	550	850
	1968-69—V-8, 350	28-32	650	550	850
	1969-70—6 cyl.	31-34	750	600	**
	1970-71—V-8, 350	28-32	750	575	1100
	1970—V-8, 455, 2 Bbl.	28-32	675	—	1100
	1970-71—V-8, 455, 4 Bbl.	28-32	750	600	1100
	1971—6 cyl.	31-34	550	500	**
	1971—V-8, 455, 2 Bbl.	28-32	—	600	1100
	1972—V-8, 350, 2 Bbl.	30	600	600	1100
	1972—V-8, 350, 4 Bbl.	30	550	600	1100
	1972—V-8, 455	30	550	550	1100

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 ••No dwell. Electronic ignition.

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DWELL, IDLE AND TIMING RPM SPECIFICATIONS

Passenger Cars

Make	Year - Model	Dwell	Idle Speed - RPM		Timing RPM*
		Deg.	Manual Trans.	Auto. Trans.	
OLDSMOBILE (Cont.)	1973—6 cyl., 250	31-34	700	600	**
	1973—V-8, 350, 2 Bbl.	30	—	700	1100
	1973—V-8, 350, 4 Bbl.	30	1100	650	1100
	1973—V-8, 455	30	1000	650	1100
PLYMOUTH	1961-64—V-8	28-33•	500	500	500
	1963-67—6 cyl.	40-45	550	550	550
	1965—V-8	28-33•	550	550	550
	1966-67—V-8	28-33•	500	500	500
	1968—6 cyl.	40-45	650	650	650
	1968—V-8, 273, 340	28-33•	700	650	650
	1968—V-8, 318, 383, 440	28-33•	650	600	600
	1969-73—See Dodge				
PONTIAC (Except Tempest)	1961-65	28-32	480-500	480-500	475
	1966-67	28-32	600	500	500
	1968—V-8, 350, 2 Bbl.	28-32	700	600	600
	1968—V-8, 350, 400, 4 Bbl.	28-32	850	650	650
	1968—V-8, 400, 2 Bbl.	28-32	800	600	600
	1968—V-8, 428	28-32	—	650	650
	1969—V-8, 2 Bbl.	28-32	850	650	850
	1969—V-8, 4 Bbl.	28-32	1000	650	850
	1970—V-8, 2 Bbl.	28-32	800	650	**
	1970—V-8, 4 Bbl.	28-32	950	650	**
	1971—V-8, 350	28-32	800	600	**
	1971—V-8, 400, 2 Bbl.	28-32	—	600	**
	1971—V-8, 400, 4 Bbl.	28-32	600	700	**
	1971—V-8, 455	28-32	600	650	**
	1971—6 cyl.	31-34	550	500	**
	1972-73—6 cyl.	32½	700	600	**
	1972—V-8, 307	28-32	900	600	**
	1972—V-8, 350	28-32	800	625	**
	1972—V-8, 400, 455, 2 Bbl.	28-32	—	625	**
	1972—V-8, 400, 455, 4 Bbl.	28-32	600	500	**
	1973—V-8, 350	30	900	650	**
	1973—V-8, 400, 455	30	1000	650	**
TEMPEST	1963-64—V-8	28-32	600	500	500
	1963-67—6 cyl.	31-34	600	500	500
	1965—V-8	28-32	480-500	480-500	475
	1966-67—V-8	28-32	600	500	500
	1968—6 cyl.	31-34	700	600	600
	1969—6 cyl., 1 Bbl.	31-34	700	600	**
	1969—6 cyl., 2 Bbl.	31-34	850	600	**
	1970—6 cyl., All	31-34	750	600	600
VALIANT	1963-67—6 cyl.	40-45	550	550	500
	1967—V-8	28-33	500	500	500
	1968—6 cyl., 170	40-45	700	700	700
	1968—6 cyl., 225	40-45	650	650	650
	1968—V-8, 273	28-33	700	650	650
	1969-73—See Dodge				

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FOREIGN CAR DWELL SPECIFICATIONS

Make Year	Model	Dwell Deg.	Make Year	Model	Dwell Deg.
ALFA ROMEO			OPEL		
1959-69	4 cyl.	57-63	1958-70	Four	47-53
1969	6 cyl.	36-40	1971-72	Four	48-52
1969-70	1750	63-67	1973		47-53
AUSTIN			PEUGOT		
1959-69	A-35, 40, 45, 55, 60	57-63	1959-72	404, 504	58
1959-69	A-99, 110	33-37	PORSCHE		
1964-71	1100, 1800, America	60	1960-70	Four	47-53
CITROEN			1965-70	6 cyl.	38
1959-61	DS-19	150	RENAULT		
1959-61	ID-19	60	1959-69	Four	54-58
1962-68	4 cyl.	30	1966-68	R-10, R-16, R-1135	60-66
1969-70	4 cyl.	55-59	1969-70	All	53-57
COLT (Dodge)			1971-72	R-1172, R-1331	60
1971-73		49-55	SAAB		
CRICKET (Plymouth)			1960-67	3 cyl.	77-83
1971-72		60	1967-71	4 cyl.	47-53
1973		60-63	SIMCA		
DATSUN			1958-60	Aronde	28-30
1968-73	4 cyl.	49-55	1961-70	Aronde, Flash	56-58
1968-73	6 cyl.	35-41	SUNBEAM		
FIAT			1959-67	Alpine, Rapier	30
1960-61	2 cyl.	122-128	1960-66	4 cyl.	57-63
1960-69	600	48-54	1967-70	4 cyl.	30
1960-69	1200, 1500, 1100, 850, 1300	55-61	TOYOTA		
1970-72	124A, 850	55	1968-72	4 cyl.	52
HILLMAN			TRIUMPH		
1959-69	Four	58-62	1963-70	6 cyl.	32-38
JAGUAR			1967-68	4 cyl.	60
1959-71	All	33-37	1969-72	4 cyl.	39-42
MERCEDES-BENZ			VAUXHALL		
1960-72	Four	47-53	1955-70	All	35-37
1960-70	Six	36-40	VOLKSWAGEN		
1971-72	Six	30-36	1954-58		46
1972	V-8	30-34	1959-66	Bosch Dist.	51-55
MG			1961-73	VW Dist.	48-52
1959-72	4 cyl.	57-63	VOLVO		
1968-70	6 cyl.	35	1959-61	All but P-1800	47-53
MORRIS			1961	P-1800	59-65
1959-70	All	57-63	1962-70	All	60
			1971-72	4 cyl.	60-62
			1971-72	6 cyl.	40

The above specifications have been compiled with the aid of manufacturers and other reliable sources and while we believe the information to be correct we cannot be responsible for any inaccuracies. Refer to and use the specifications shown on the decal under the hood whenever possible.

TRUCK DWELL SPECIFICATIONS

Make and Model	Dwell Angle	Make and Model	Dwell Angle
AUTOCAR		GMC	
6-186A	38-45	153, 194, 230, 292, 305, 250	31-34
531A, 490A, 390A	31-37	351, 401, 478, 307, 350, 454	29-33
CHEVROLET		702 (V-12)	47
4 cyl., 6 cyl.	31-34	INTERNATIONAL	
V-8	28-32	4-152, 196	75
DIAMOND and REO		6 cyl.	31-37
110	31-37	V-8's	28-35
130, 145, 170, 186	38-45	HERCULES	
200	29-35	All	42
207, 235	26-33	WHITE	
DODGE		6-170A, 6-185A, 96A, 97A	38-45
170, 225	40-45	4 cyl.	35-37
251	36-42	8-235A, 98A	27-32
All V-8's	28-33	All other 6 cyl.	31-37
FORD		WAUKESHA	
6 cyl.	35-38	All	31-37
V-8	26-28½		

FIRING ORDERS AND CYLINDER LOCATIONS

(For use with the MT-615D Anal-O-Scope)

1. Find the model of the car or truck and note the firing order.
2. The locations of the cylinders for that engine can then be determined by looking at the illustration on page 10. The top simulates the front of the engine. Left bank of V-8's is at the left and the right bank is at the right.

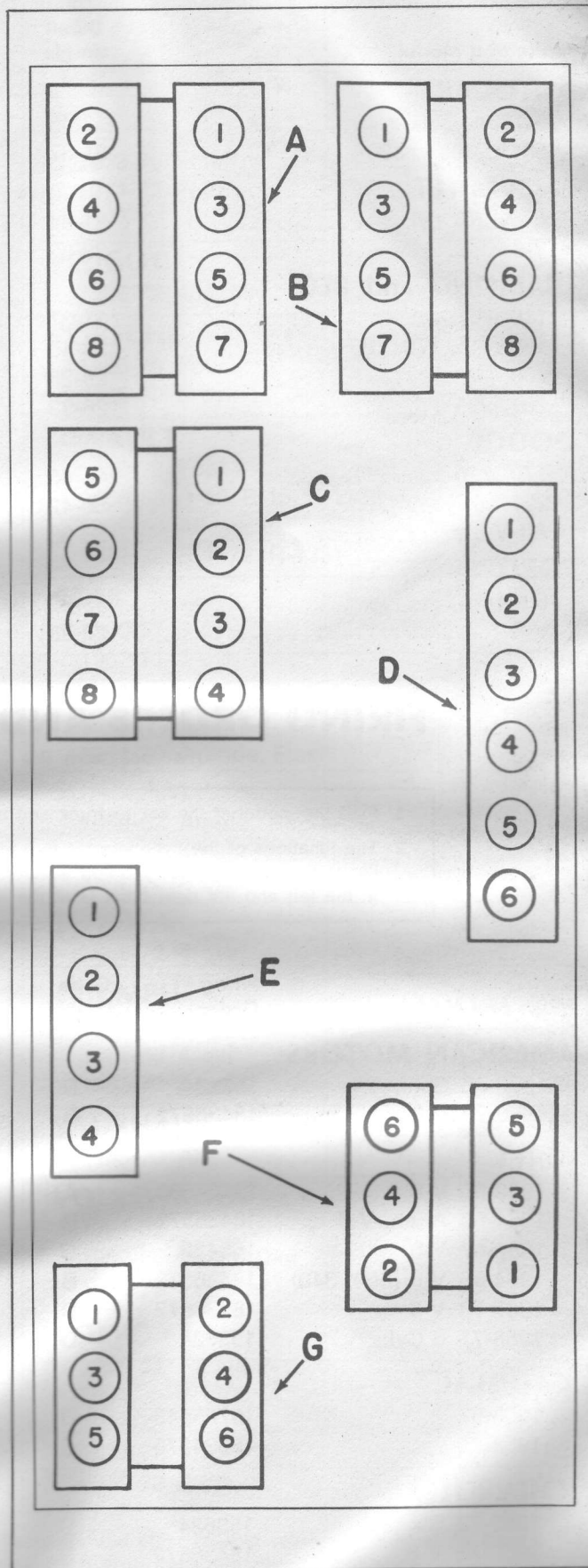
Make and Model	Firing Order	Code Letter	Make and Model	Firing Order	Code Letter
AMERICAN MOTORS			CHRYSLER & IMPERIAL		
1960-73 Six	153624	D	1960-73 V-8	18436572	B
1960-73 V-8	18436572	B	CORVAIR		
BUICK			1960-69	145236	F
1960-66 V-8	12784563	A	DODGE & DART		
1961-63 Alum. V-8	18436572	B	1960-73 Six	153624	D
1962-67 V-6	165432	G	1960-73 V-8	18436572	B
1964-66 V-8 (300, 340)	18436572	B	FALCON & COMET		
1967-73 V-8	18436572	B	1960-73	153624	D
1968-71 6 Cyl.	153624	D	1966-73 V-8	15426378	C
CADILLAC			FORD		
1963-67	18726543	B	1960-73 Six	153624	D
1968-73	15634278	B	1960-62 V-8	15486372	C
CHEVROLET			1960-62 352, 430	15426378	C
1960-73 Six	153624	D	1963-68 V-8 (All)	15426378	C
1960-73 V-8	18436572	B	1969-73 302, 428, 429	15426378	C
1962-73 Four	1342	E	1969-73 351, 400	13726548	C

FIRING ORDERS AND CYLINDER LOCATIONS

Make and Model	Firing Order	Code Letter
LINCOLN & CONTINENTAL		
1958-73	15426378	C
MERCURY		
1958-62 252, 430	15426378	C
1960-62 312, 292	15486372	C
1964-73 Six	153624	D
1964-73 V-8	15426378	C
OLDSMOBILE		
1960-65 V-8	18736542	B
1961-65 F-85	18436572	B
1965 V-6	165432	G
1966-73 Six	153624	D
1966-73 V-8	18436572	B
PLYMOUTH		
1960-73 Six	153624	D
1955-73 V-8	18436572	B
PONTIAC		
1960-73 V-8	18436572	B
STUDEBAKER		
1960-66 Six	153624	D
1960-66 V-8	18436572	B
TEMPEST		
1961-63 Four	1342	E
1961-71 V-8	18436572	B
1964-71 Six	153624	D
WILLYS & JEEP		
1960-71 Four	1342	E
1960-73 Six	153624	D
1972-73 V-8	18436572	B
VALIANT		
1960-73	153624	D

TRUCKS

AUTOCAR		
Six	153624	D
LeRoi	18736542	B
BROCKWAY		
All	153624	D



Location of cylinders

FIRING ORDERS AND CYLINDER LOCATIONS

TRUCKS (Cont.)

FOREIGN CARS

Make and Model	Firing Order	Code Letter	Make and Model	Firing Order	Code Letter
CHEVROLET			AUSTIN		
Six	153624	D	1960-71 4 cyl.	1342	E
V-8	18436572	B	1960-69 6 cyl.	153624	D
DIAMOND T			CITROEN		
All	153624	D	1960-70 4 cyl.	1342	E
DIVCO			COLT (Dodge)		
Four	1342	E	1971-73	1342	E
Six	153624	D	CRICKET (Plymouth)		
DODGE			1971-73	1342	E
Six	153624	D	FIAT		
V-8	18436572	B	1960-72 All 4 cyl.	1342	E
FORD			FORD—ENGLAND		
Six All	153624	D	1960-66 4 cyl.	1243	E
V-8 (292, 332, 401, 477, 534)	15486372	C	1960-66 6 cyl.	153624	D
V-8 (260, 330, 352, 361, 391)	15426378	C	1967-70 4 cyl.	1342	E
GMC			HILLMAN MINX		
In-line 6	153624	D	1960-69 All	1342	E
V-6	165432	G	MERCEDES-BENZ		
V-8	18436572	B	1968-72 4 cyl.	1342	E
INTERNATIONAL			1968-72 6 cyl.	153624	D
Six	153624	D	OPEL		
V-8	18736542	B	1960-73 All 4 cyl.	1342	E
MACK			1960-70 All 6 cyl.	153624	D
Six	153624	D	1964-70 All V-8	18436572	B
V-8	18436572	B	RENAULT		
REO			1960-72 All	1342	E
Six	153624	D	SAAB		
V-8	15486372	C	1960-68 All	123	—
STUDEBAKER			1969-71	1342	E
Six	153624	D	SIMCA		
V-8	18436572	B	1960-70 4 cyl.	1342	E
WHITE			1960-68 8 cyl.	15486372	C
Six	153624	D	SUNBEAM		
V-8	15486372	C	1960-70 4 cyl.	1342	E
WILLYS			1965-68 8 cyl.	15426378	C
Four	1342	E	TOYOTA		
Six	153624	D	1970-72 4 cyl.	1342	E
			TRIUMPH		
			1960-72 All 4 cyl.	1342	E
			1960-72 6 cyl.	153624	D
			VAUXHALL		
			1960-70 4 cyl.	1342	E
			1960-70 6 cyl.	153624	D
			VOLKSWAGEN		
			1960-73 All	1432	—
			VOLVO		
			1960-70 All 4 cyl.	1342	E
			1972 6 cyl.	153624	D

INITIAL TIMING SPECIFICATIONS**

(Degrees before top dead center)

Make - Year - Model	Manual Trans.	Auto. Trans.	Make - Year - Model	Manual Trans.	Auto. Trans.
AMERICAN MOTORS			CHEVROLET (Cont.)		
1964-65 L-6	3	3	1964-65 V-8, 327, Lo Comp.	4	4
1964-65 OHV-6	8	10	1964-65 V-8, 327, Hi Comp.	8	8
1964-65 6-232	5	5	1964-65 V-8, 409	12	12
1964 V-8	0	5	1966 6 cyl., 194	3	8
1965 V-8	5	5	1966 6 cyl., 230	4	4
1966-67 6 cyl., 199	10	10	1966 6 cyl., 250	6	6
1966-67 6 cyl., 199 Cal.	0	0	1966-67 V-8, 283	4	4
1966-67 6 cyl., 232	5	5	1966-67 V-8, 327	8	8
1966-67 6 cyl., 232 Cal.	0	0	1966 V-8, 327, Air Inj.	2*	2*
1966 V-8, 287, 327	5	5	1966-68 V-8, 396	4	4
1966 V-8, 287, 327 Cal.	0	0	1966-67 V-8, 427-390 HP	4	4
1966 V-8, 290	0	0	1966-67 V-8, 427-425 HP	10	10
1967-69 V-8 All	0	0	1967 6 cyl., 194, 250	4	4
1968-69 6 cyl., 199, 232	0	5	1968-70 4 cyl., 153	0	4
1970 6 cyl. All	3	3	1968-70 6 cyl., 250	0	4
1970 V-8, 304, 360	5	5	1968-69 6 cyl., 230	0	4
1970 V-8, 390	0	0	1968-69 V-8, 307	2	2
1971 6 cyl., 232	3	5	1968 V-8, 327	0	4
1971 6 cyl., 258	5	5	1968-69 V-8, 427	4	4
1971 V-8 All	2½	2½	1969-70 V-8, 302	4	4
1972-73 6 cyl., 232	5	5	1969 V-8, 327	2	2
1972-73 6 cyl., 258	3	3	1969 V-8, 350	4	4
1972-73 V-8 All	5	5	1969 V-8, 396, 265, 350 HP	0	4
BUICK			1969 V-8, 396, 325, 375 HP	4	4
1964-67 V-6	5	5	1970 V-8, 307	2	8
1964-67 V-8 All	2½	2½	1970 V-8, 350, 250, 300 HP	0	4
1968-71 6 cyl.	0	4	1970 V-8, 350, 350 HP	4	—
1968 V-8 All	0	0	1970 V-8, 350, 370 HP	14	—
1969 V-8, 350, 430	0	0	1970 V-8, 400, 265 HP	4	8
1969 V-8, 350 Le Sabre	5	5	1970 V-8, 400, 330 HP	4	4
1969 V-8, 400	2½*	0	1970 V-8, 454, 345, 390 HP	6	6
1970 V-8 (Exc. Hi Comp.)	6	6	1970 V-8, 454, 450 HP	4	4
1970 V-8 (Hi Comp.)	10	10	1971-72 4 cyl. (Vega)	6	6
1971 V-8, 350, 2 Bbl.	6	10	1971-72 6 cyl.	4	4
1971 V-8, 350, 4 Bbl.	6	4	1971-73 V-8, 307	4	8
1971 V-8, 455	6	4	1971 V-8, 350-245 HP	2	6
1971 V-8 (Hi Perf.)	10	10	1971 V-8, 350-270 HP	4	8
1972-73 V-8, 350, 455	4	4	1971 V-8, 350-330 HP	8	12
1972 V-8, 455, Stage 1	8	10	1971-72 V-8, 400	4	8
1973 V-8, 455, Stage 1	10	10	1971 V-8, 402	8	8
CADILLAC			1971 V-8, 454-365 HP	8	8
1964-69	—	5	1971 V-8, 454-425 HP	8	12
1970	—	7½	1972 V-8, 350, 155, 165 HP	6	6
1971-73	—	8	1972 V-8, 350, 175, 255 HP	4	8
CHEVROLET			1972 V-8, 400	2	6
1964-67 4 cyl., 153	4	4	1972 V-8, 402, 454	8	8
1964-65 6 cyl., 194	8	8	1973 Vega 72 HP	8	8
1964-65 6 cyl., 230	4	4	1973 Vega 85 HP	10	12
1964 V-8, 283	4	4	1973 6 cyl.	6	6
1965 V-8, 283	8	8	1973 V-8, 350, 2 Bbl.	8	8
			1973 V-8, 350, 4 Bbl.	8	12
			1973 V-8, 454	10	10

*Degrees after top dead center.

**At idle speed with vacuum advance disconnected.

•At 850 rpm.

••At 1100 rpm.

NOTE: Use the timing specifications shown on the underhood decal if any variation exists from those shown in this publication.

INITIAL TIMING SPECIFICATIONS**

(Degrees before top dead center)

Make - Year - Model	Manual Trans.	Auto. Trans.	Make - Year - Model	Manual Trans.	Auto. Trans.
CHRYSLER, IMPERIAL			DODGE (Cont.)		
1964-65 300J, 300K	12½	12½	1969-73 V-8, 318	0	0
1964-65 All Others	10	10	1970 6 cyl., 198	2½	0
1966-67 V-8, 383, 440	12½	12½	1970 6 cyl., 225	0	0
1966 V-8, 383, 440 with CAP	5*	5*	1970-71 V-8, 340	5	5
1967 V-8, 383, 440 with CAP	0	5*	1970-71 V-8, 383	0	2½
1968-69 V-8, 383, 2 Bbl.	0	7½	1970-71 V-8, 440	5	5
1968-69 V-8, 383, 4 Bbl.	5	0	1970 V-8, 426	0	5
1968-69 V-8, 440	—	7½	1971-72 6 cyl., 198	2½	2½
1970-71 V-8, 383	0	2½	1971-72 6 cyl. 225 with Nox.	2½	2½
1970-71 V-8, 440	—	5	1971-72 6 cyl., 225 without Nox.	0	0
1972-73 V-8, 360	—	0	1971 V-8, 360	2½	2½
1972 V-8, 400, 2 Bbl.	—	5	1971 V-8, 426	0	2½
1972 V-8, 400, 4 Bbl.	0	10	1972 V-8, 340	2½	2½
1972 V-8, 440 (Std.)	—	10	1972-73 V-8, 360	—	0
1973 V-8, 400, 2 Bbl.	—	10	1972 V-8, 400, 2 Bbl.	—	5
1973 V-8, 400, 4 Bbl.	—	7½	1972 V-8, 400, 4 Bbl.	0	10
1973 V-8, 440	—	10	1972-73 V-8, 440 (Std.)	—	10
DODGE			1973 6 cyl., 198	0	0
1964-65 6 cyl.	2½	2½	1973 6 cyl., 225	2½	0
1964-67 V-8, 273, 318	5	10	1973 V-8, 340	5	2½
1964-65 V-8, 361, 383, 426	10	10	1973 V-8, 400, 2 Bbl.	10	10
1966-67 6 cyl., 170	5	5	1973 V-8, 400, 4 Bbl.	2½	7½
1966-67 6 cyl., 170 with CAP	5*	5*	FORD		
1966 6 cyl., 225	2½	2½	1964 6 cyl., 144	8	12
1966 6 cyl., 225 with CAP	5*	5*	1964-65 6 cyl., 170, 200	6	12
1967 6 cyl., 225	5	5	1964 6 cyl., 223	4	10
1967 6 cyl., 225 with CAP	0	0	1964 V-8, 260, 289, 352	6	10
1966-67 V-8, 361, 383	12½	12½	1964-65 V-8, 390	4	6
1966-67 V-8, 426, 440	12½	12½	1964-65 V-8, 427	8	8
1966-67 V-8, 273, 318 with CAP	5*	5*	1965 6 cyl., 240	6	8
1966 V-8, 361, 383 with CAP	5*	5*	1965 V-8, 260	6	10
1966 V-8, 426, 440 with CAP	5*	5*	1965 V-8, 289, 352	6	6
1967 6 cyl., 225 with CAP	0	0	1966-67 6 cyl., 170, 200	6	12
1967 V-8, 383, 440 with CAP	0	5	1966 170, 200 w/Therm.	0	0
1968 6 cyl., 170	5*	2½ *	1966 6 cyl., 240	6	12
1968 6 cyl., 225	0	0	1966 6 cyl., 240 w/Therm.	0	4
1968 V-8, 273	5*	2½ *	1966-67 V-8, 289	6	6
1968 V-8, 318	0	2½ *	1966-67 V-8, 289 w/Therm.	0	0
1968-69 V-8, 340	0	5	1966 V-8, 352, 390	10	10
1968-69 V-8, 383, 2 Bbl.	0	7½	1966 V-8, 352, 390 w/Therm	6	6
1968-69 V-8, 383, 4 Bbl.	0	5	1966 V-8, 427, 428	10	10
1968-69 V-8, 440-350 HP	7½	7½	1966 V-8, 427, 428 w/Therm	6	6
1968-69 V-8, 440-375 HP	0	5	1967 6 cyl., 170 w/Therm.	0	0
1968-69 V-8, 426	0	0	1967 6 cyl., 200 w/Therm.	5	5
1969 6 cyl., 170	5*	0	1967 6 cyl., 240	6	10
1969 6 cyl., 225	0	0	1967 6 cyl., 240 w/Therm.	0	4
1969 V-8, 273	2½ *	2½ *	1967 V-8, 390	10	10
			1967 V-8, 390 w/Therm.	6	6
			1967 V-8, 390 GT	12	12

*Degrees after top dead center.

**At idle speed with vacuum advance disconnected.

•At 850 rpm.

••At 1100 rpm.

NOTE: Use the timing specifications shown on the underhood decal if any variation exists from those shown in this publication.

INITIAL TIMING SPECIFICATIONS**

(Degrees before top dead center)

Make - Year - Model	Manual Trans.	Auto. Trans.	Make - Year - Model	Manual Trans.	Auto. Trans.
FORD (Cont.)			OLDSMOBILE (Cont.)		
1967 V-8, 390 GT w/Therm.	6	6	1969 V-8, 350, 4 Bbl.	8•	8•
1967 V-8, 427	8	—	1969 V-8, 350 with Air Ind.	12•	12•
1967 V-8, 428	10	10	1969 V-8, 400	8•	8•
1967 V-8, 428 w/Therm.	6	6	1969 V-8, 400, 4-4-2	2•	—
1968-70 All std. engines	6	6	1969 V-8, 400 with Air Ind.	14•	14•
1971-73 Pinto 1600 cc	12	12	1969 V-8, 455, 2 Bbl.	6•	6•
1971-73 Pinto 2000 cc	6	6	1969 V-8, 455, 4 Bbl.	8•	8•
1971-73 6 cyl. all	6	6	1970 V-8, 350	10••	10••
1971 V-8, 302-2V	6	6	1970 V-8, 350 with Air Ind.	14••	14••
1971 V-8, 302-HO	16	16	1970 V-8, 455, 2 Bbl.	8••	8••
1971 V-8, 351, 390	6	6	1970 V-8, 455, 4 Bbl.	12••	12••
1971 V-8, 429, 2 Bbl.	6	6	1970 V-8, 455, Delta, Vista C.	8••	8••
1971 V-8, 429, 4 Bbl.	4	4	1970 V-8, 455 Toronado	8••	8••
1972 V-8, 302	6	6	1970 Toronado with Air Ind.	12••	12••
1972 V-8, 351, 2 Bbl. C and W	6	6	1971 6 cyl.	4	4
1972 V-8, 351 C, 4 Bbl.	16	16	1971 V-8, 350, 2 Bbl.	10••	10••
1972 V-8, 351 Boss	10	10	1971 V-8, 350, 4 Bbl.	10••	12••
1972 V-8, 400	8	8	1971 V-8, 455, 2 Bbl.	—	8••
1972 V-8, 400 Cal.	6	6	1971 V-8, 455, 4 Bbl.	10••	8••
1972 V-8, 429	10	10	1972 V-8, 350, 2 Bbl.	8••	8••
1973 V-8, 351W	6	6	1972 V-8, 350, 4 Bbl.	8••	12••
1973 V-8, 351C-2V	—	14	1972 V-8, 455, W-30, 442	10••	10••
1973 V-8, 400	—	6	1972 V-8, 455, Others	8••	8••
1973 V-8, 429	—	10	1973 6 cyl.	6	6
LINCOLN			1973 V-8, 350 Vista Cruiser	10••	10••
1964-65 All	—	6	1973 V-8, Other 350's	12••	12••
1966-69 All	—	10	1973 V-8, 455	10••	8••
1970 All	—	6	PLYMOUTH		
1971-72 All	—	10	See Dodge Specifications		
1973 All	—	14	PONTIAC, TEMPEST		
MERCURY			1964-65 6 cyl., 215	4	4
See Ford Specifications			1964-65 V-8 All	6	6
OLDSMOBILE			1966 6 cyl., 230	5	5
1964-65 V-6, 225	5	5	1966 6 cyl. with A.I.R.	5*	5*
1964-67 V-8, 330	7½•	7½•	1966 V-8	6	6
1964 V-8, 394	2½•	5•	1966 V-8 with A.I.R.	4*	4*
1965-67 V-8, 400	7½•	7½•	1967 6 cyl., 230	5	5
1965-67 V-8, 425 Lo Comp.	7½•	7½•	1967 6 cyl., 230 with A.I.R.	0	0
1965-67 V-8, 425 Hi Comp.	5•	5•	1967 V-8 All	6	6
1966-67 V-8, 425, 4 Bbl.	7½•	7½•	1968-69 6 cyl., 250, 1 Bbl.	0	0
1966 6 cyl., 250	6	6	1968-69 6 cyl., 250, 4 Bbl.	5	5
1967 6 cyl., 250	4	4	1968 V-8 All	9	9
1968-70 6 cyl., 250	0	4	1969-70 V-8 All	9	9
1968 V-8, 350-250 HP	5•	5•	1969-70 V-8 All Ram Air	15	15
1968 V-8, 350-300 HP	7½•	7½•	1970 6 cyl., 250	0	4
1968 V-8, 400-290 HP	5•	5•	1971-72 6 cyl., 250	4	4
1968 V-8, 400-350 HP	7½•	7½•	1971 V-8, 400, 2 Bbl.	8	8
1968 V-8, 455-310 HP	5•	5•	1971 V-8 All Others	12	12
1968 V-8, 455-320 HP	7½•	7½•	1972 V-8, 307	4	8
1969 V-8, 350-2 Bbl.	6•	6•	1972 V-8, 350, 400, 455	8	10
			1973 6 cyl., 250	6	6
			1973 V-8 All	10	12

*Degrees after top dead center.

**At idle speed with vacuum advance disconnected.

•At 850 rpm.

••At 1100 rpm.

NOTE: Use the timing specifications shown on the underhood decal if any variation exists from those shown in this publication.

CHARGING SYSTEM SPECIFICATIONS

American Passenger Cars

Make - Model - Alternator Number	Year	Alternator Output Amps	Field Current Amps	Voltage Regulator Volts*
AMERICAN MOTORS				
Motorola 35 Amp Alt.	1963-67	35	2.0-2.6	13.7-14.5
Motorola 40 Amp Alt.	1965-67	40	1.8-2.4	13.7-14.5
A12NAM 453, 4, 5, 6, 7	1968-69	35	2.2-2.6	13.7-14.5
A12NAM 552, 553	1968	40	1.8-2.4	13.7-14.5
ALK 6310, 11, 3195534	1968-71	35	2.4-2.5	13.7-14.5
A12NAM 606, 607	1969-71	55	1.8-2.4	13.7-14.5
35 Amp Motorola	1972	35	1.8-2.5	13.7-14.5
55 Amp Motorola	1972	55	1.8-2.5	13.7-14.5
Motorola 8AL 2025F, 26F	1973	37	1.8-2.5	13.4-13.9
Motorola 8AL 2015K, 2032K	1973	51	1.8-2.5	13.4-13.9
BUICK				
1100663, 1100624	1964	30	1.9-2.3	13.5-14.3
1100679	1964	40	2.2-2.6	13.5-14.3
1100691, 1100708, 1100705	1965-66	30	2.2-2.6	13.5-14.3
1100710, 1100709	1965-66	40	2.2-2.6	13.5-14.3
1100761, 762, 888, 905, 2449	1967-72	37	2.2-2.6	13.5-14.3
1100691, 926, 943, 2443	1967-72	42	2.2-2.6	13.5-14.3
1100774, 802, 892, 924, 931, 2448	1967-72	55	2.2-2.6	13.5-14.3
1100860, 932, 2450	1969-72	61	2.2-2.6	13.5-14.5
1102447	1972	63	2.8-3.2	13.5-14.5
1100947	1973	37	4-4.5	13.5-14.5
1100926	1973	42	4-4.5	13.5-14.5
1100946	1973	55	4-4.5	13.5-14.5
1100948	1973	61	4-4.5	13.5-14.5
1100925	1973	63	4-4.5	13.5-14.5
CADILLAC				
1100629	1963-64	42	1.9-2.3	13.5-14.3
1100633	1963-64	52	1.9-2.3	13.5-14.3
Standard Alternator	1965-72	42	2.2-2.6	13.5-14.4
Air Cond., Heavy Duty	1965-70	55	2.2-2.6	13.5-14.4
Heavy Duty 63 Amp	1971	63	2.2-2.6	13.5-14.4
Heavy Duty 80 Amp	1971	80	4.0-4.5	13.5-14.5
Heavy Duty, A/C	1972	63	2.8-3.2	13.5-14.5
Delco 1100940	1973	42	4-4.5	13.5-14.5
Delco 1100937	1973	63	4-4.5	13.5-14.5
CHEVROLET				
1100630, 1100760	1963-64	32	1.9-2.3	13.5-14.4
1100628, 1100668	1963-64	37	1.9-2.3	13.5-14.4
1100669	1964	42	1.9-2.3	13.5-14.4
1100665	1964	55	2.2-2.6	13.5-14.4
1100684	1964	60	4.4-4.5	13.7-14.4
1117765	1964-65	62	3.7-4.4	13.0-13.6
1100695	1965-67	32	2.2-2.6	13.5-14.4
1100693	1965-68	37	2.2-2.6	13.5-14.4
1100696	1965-68	42	2.2-2.6	13.5-14.4
1100694	1965	55	2.2-2.6	13.5-14.4
1100697	1965	60	2.8-3.2	13.4-14.0
1100750	1966-68	61	2.2-2.6	13.5-14.4
1100742	1967	63	2.8-3.2	13.5-14.3
1100794, 813, 814, 834, 36, 37	1968-70	37	2.2-2.6	13.5-14.4
1100795, 815, 833, 39, 41, 59	1968-70	42	2.2-2.6	13.5-14.4

*At normal operating temperature

CHARGING SYSTEM SPECIFICATIONS

American Passenger Cars

Make - Model - Alternator Number	Year	Alternator Output Amps	Field Current Amps	Voltage Regulator Volts*
CHEVROLET (Cont.)				
1100796, 817, 750, 825, 43, 97	1968-70	61	2.2-2.6	13.5-14.4
1100818, 810, 846	1968-70	63	2.2-2.6	13.5-14.4
1100545, 559	1971-72	32	4.0-4.5	13.5-14.3
1100566, 836, 37	1971-72	37	2.2-2.6	13.5-14.3
1100567, 2458, 2459	1971-72	42	2.2-2.6	13.5-14.3
1100543, 950	1971-72	42	4.0-4.5	13.5-14.5
1100544	1971-72	61	4.0-4.5	13.5-14.5
1100843, 1102463	1971-72	61	2.2-2.6	13.5-14.3
1100917, 1102464	1971-72	63	2.8-3.2	13.5-14.5
1100546, 560	1972	55	4.0-4.5	13.5-14.4
1102440, 452, 453, 454, 456	1972	37	2.2-2.6	13.5-14.4
1100545, 559, 934	1973	37	4.0-4.5	13.8-14.8
1100546, 560, 544, 597	1973	61	4.0-4.5	13.8-14.8
1102353, 1100573, 950, 1102346	1973	42	4.0-4.5	13.8-14.8
1100947	1973	37	4.0-4.9	13.8-14.8
1102354, 1100542	1973	63	4.0-4.5	13.8-14.8
CHRYSLER				
Std. Duty Alternator	1963-71	35	2.4-2.8	13.6-14.2
Heavy Duty Alternator	1963-65	39	2.4-2.8	13.6-14.2
Heavy Duty Alternator, A/C	1966-71	44	2.4-2.8	13.3-14.2
Special Equip.	1968-71	51	2.4-2.8	13.3-14.3
Standard	1972-73	41	2.5-3.1	13.6-14.2
Heavy Duty, A/C	1972-73	50	2.5-3.1	13.6-14.2
CORVAIR				
1100639	1965-69	35	2.2-2.6	13.8-14.8
1100698	1965-69	45	2.8-3.2	13.8-14.8
DODGE and DART				
26 Amp Alternator	1963-71	26	2.4-2.8	13.6-14.2
35 Amp Alternator	1963-70	35	2.4-2.8	13.5-14.1
Heavy Duty Alternator	1964-65	36-42	2.4-2.8	13.4-14.3
Heavy Duty Alternator, A/C	1966-71	44	2.4-2.8	13.3-14.3
Special Equip.	1968-71	51	2.4-2.8	13.3-14.3
6 Cyl.	1972-73	34	2.5-3.1	13.6-14.2
V-8 Standard	1972-73	41	2.5-3.1	13.6-14.2
V-8 Heavy Duty, A/C	1972-73	50	2.5-3.1	13.6-14.2
FALCON and COMET				
38 Amp Alternator	1965-67	38	2.8-3.3	13.8-14.6
42 Amp Alternator	1965-67	42	2.8-3.3	13.8-14.6
45 Amp Alternator	1966-67	45	2.9	13.8-14.6
	1968-73 (See Ford)			
FORD				
30 Amp Alternator	1963	30	2.3-2.5	14.1-14.9
40 Amp Alternator	1963	40	2.9-3.1	14.1-14.9
60 Amp Leece-Neville	1963-65	60	2.0-2.5	13.7-14.4
42 Amp Ford Alternator	1964	42	2.4-2.6	13.9-14.5
40 Amp Leece-Neville	1964	40	2.4-2.6	14.0-14.3
42 Amp Autolite	1965-67	42	2.8-3.3	13.8-14.6
45 Amp Autolite	1965	45	2.8-3.3	13.8-14.6
55 Amp Autolite	1965-67	55	2.8-3.3	13.8-14.6
53 Amp Leece-Neville	1965-67	53	2.8-3.3	13.8-14.6

*At normal operating temperature

CHARGING SYSTEM SPECIFICATIONS

American Passenger Cars

Make - Model - Alternator Number	Year	Alternator Output Amps	Field Current Amps	Voltage Regulator Volts*
FORD (Cont.)				
38 Amp Autolite	1967	38	2.9	13.8-14.6
Autolite (Purple)	1968-73	38	2.4	13.5-14.8
Autolite (Orange)	1968-73	42	2.9	13.5-14.8
Autolite (Red)	1968-73	55	2.9	13.5-14.8
Autolite (Black)	1968-72	65	2.9	13.5-14.8
Leece-Neville	1968-72	65	2.9	13.6-14.6
Autolite (Green)	1972-73	61	2.9	13.5-14.8
D2CF-AA, D20F-AA	1973	70	2.9	13.8-14.8
D3VF-AA	1973	90	2.9	13.8-14.8
LINCOLN				
40 Amp Alternator	1963-64	40	2.4-2.6	13.9-14.5
42 Amp Alternator	1965	42	2.8-3.3	13.8-14.6
55 Amp Autolite	1965-67	55	2.8-3.3	13.8-14.6
60 Amp Autolite	1966-67	60	4.6	13.8-14.6
	1968-73 (See Ford)			
MERCURY				
Use Ford Specifications	1964-73			
OLDSMOBILE				
1100631, 1100663, 1100656	1963-64	37	2.2-2.6	13.5-14.4
1100624, 1100659	1963-64	42	2.2-2.6	13.5-14.4
1100616, 1100657, 658, 664	1964	50-57	2.2-2.6	13.7-14.6
1100699, 1100696	1965-67	37-44	2.2-2.6	13.5-14.4
1100704, 1100705	1965-67	32-39	2.2-2.6	13.5-14.4
1100686, 1100700, 1100710	1965-67	50-57	2.2-2.6	13.5-14.4
37 Amp Delcotron	1968-72	35	2.2-2.6	13.5-14.4
42 Amp Delcotron	1968-72	40	2.2-2.6	13.5-14.4
55 Amp Delcotron	1968-72	50-52	2.2-2.6	13.5-14.4
55 Amp Int. Circuit	1968-72	55	4.0-4.5	13.5-16
A/C 61 Amp	1972	61	2.2-2.6	13.5-14.4
1100497, 934	1973	37	4.0-4.5	13.5-14.5
1100573	1973	42	4.0-4.5	13.5-14.5
11002367	1973	55	4.0-4.5	13.5-14.5
11002368	1973	61	4.0-4.5	13.5-14.5
PLYMOUTH				
35 Amp Alternator	1963-71	32-37	2.4-2.8	13.4-14.3
Heavy Duty Alternator	1964-65	36-42	2.4-2.8	13.4-14.3
6 cyl. AV-1	1965-71	23-30	2.4-2.8	13.4-14.3
Heavy Duty Alternator	1966-71	44	2.4-2.8	13.4-14.3
Special Equip.	1968-71	51	2.4-2.8	13.3-14.3
6 cyl.	1972-73	34	2.5-3.1	13.6-14.2
V-8 Standard	1972-73	41	2.5-3.1	13.6-14.2
V-8 Heavy Duty, A/C	1972-73	50	2.5-3.1	13.6-14.2
PONTIAC				
1100634, 636, 678, 680	1963-64	42	2.2-2.6	13.5-14.4
1100621, 681, 682	1963-64	52	2.2-2.6	13.5-14.4
1100674, 702, 703	1964-66	58-60	4-4.5	13.4-14.4
1100727, 699, 739	1965-67	40-42	2.2-2.6	13.5-14.4
1100728, 726, 760, 745, 700	1965-67	50-55	2.2-2.6	13.5-14.4
37 Amp Delcotron	1968-70	35	2.2-2.6	13.5-16

*At normal operating temperature

CHARGING SYSTEM SPECIFICATIONS

American Passenger Cars

Make - Model - Alternator Number	Year	Alternator Output Amps	Field Current Amps	Voltage Regulator Volts*
PONTIAC (Cont.)				
42 Amp Delcotron	1968-70	40	2.2-2.6	13.5-16
55 Amp Delcotron	1968-70	50	2.2-2.6	13.5-16
55 Amp Int. Circuit	1969-70	55	4.0-4.5	13.5-16
37 Amp Delcotron	1971-72	32	4.0-4.5	13.5-14.5
55 Amp Delcotron	1971-72	50	4.0-4.5	13.5-14.5
80 Amp Delcotron	1971-72	74	4.0-4.5	13.5-14.5
1100497, 927	1973	37	4.0-4.5	13.5-14.5
1100928	1973	55	4.0-4.5	13.5-14.5
1101015	1973	80	4.0-4.5	13.5-14.5
STUDEBAKER				
34 Amp Alternator	1963-66	34	2.2-2.4	14.0-14.4
40 Amp Alternator	1963-66	40	1.9-2.5	14.0-14.4
TEMPEST				
1100634, 636, 727	1963-65	42	2.2-2.6	13.5-14.4
1100632, 637, 668, 761, 762, 704	1963-67	37	2.2-2.6	13.5-14.4
1100665, 627, 760, 745, 700	1963-67	55	2.2-2.6	13.5-14.4
	1968-71 (See Pontiac)			
VALIANT				
26 Amp Alternator	1964-71	26	2.4-2.8	13.4-14.3
Heavy Duty Alternator	1964-65	36-42	2.4-2.8	13.4-14.3
35 Amp Alternator	1965-71	32-37	2.4-2.8	13.4-14.3
Heavy Duty Alternator	1966-71	44	2.4-2.8	13.8-14.6
	1972-73 (See Plymouth)			

*At normal operating temperature

CHARGING SYSTEM SPECIFICATIONS FOR FOREIGN CARS

Make - Model	Generator Number	Output Amps	Current Req. Amps	Cut-in Volts	Voltage Req. Volts*
ALFA ROMEO					
1750	K1, R, L	35	—	—	13.5-14.5
AUSTIN					
America	11AC	43	—	—	12.6-13.4
Healey MK III	C-42	30	30	12.7-13.3	14.5-15.5
CITROEN					
ID-19	A-13R52	37	—	—	13.4-14.4
COLT					
All	AC-2040K	40	—	—	14.3-15.3
CRICKET					
All	16ACR	35	—	—	14.0-14.4
DATSUN					
SPL-310, SPL-311	AC-300	25	—	—	14-15
PL-410, PL-411, RL-411	AC-300	25	—	—	14-15
520	AS203A1	25	—	—	13.5-14.5
FIAT					
All	D-90	16	15-17	12.4-12.8	14.5

*At normal operating temperature

CHARGING SYSTEM SPECIFICATIONS FOR FOREIGN CARS

Make - Model	Generator Number	Output Amps	Current Req. Amps	Cut-in Volts	Voltage Req. Volts*
JAGUAR Mark II, Sedan S Mark II, 3.8 Mark X 4.2 Mark X, 420, XJ-6 XJ-6 with A/C	C-42 C-48 11AC A-7	30 35 43 60	30 35 — —	12.7-13.3 12.7-13.3 — —	14.5-15.5 14.5-15.5 13.9-14.3 14
MERCEDES-BENZ 250, 280 200, 220	K114V55A20 K114V35A20	55 35	— —	— —	13.5-14.5 13.5-14.8
MG 1098, 1275, 1798 cc, Midget MGB, MGB/GT	C-40 16AC	22 34	22 —	12.7-13.3 —	14.5-15.5 14.3-14.7
OPEL Standard Alternator Heavy Duty Alternator	K114V28A20 K114V35A20	28 35	— —	— —	13.5-14.5 13.5-14.5
PEUGEOT Standard Alternator Heavy Duty Alternator	A13R52 A13R59	37 48	— —	— —	13.4-14.4 13.4-14.4
PORSCHE Standard Alternator Heavy Duty Alternator 912	K114V35A20 K114V55A20 —	35 55 35-40	— — 35-40	— — 12.5-13.2	13.5-14.5 13.5-14.5 13.5-14.5
RENAULT R-1094, 95, 1130, 31, 32, 33 R-1190, 92 R-1152, 1153	LJ/GG-240 LJ/GG-240 A12/30	30 30 30	37-31 37-31 —	12.6-13.5 12.6-13.5 —	13.9-14.9 13.9-14.9 14.3-14.6
SIMCA 1204	S-34266	22	—	—	14.7-15.3
SUNBEAM All	10AC-23548	35	—	—	13.9-14.3
TOYOTA Corrolla Land Cruiser All Others	— — —	25 50 40	— — —	— — —	13.8-14.8 13.8-14.8 13.8-14.8
TRIUMPH TR-4, 4A, Herald Spitfire 2000, GT-6 GT-6+, TR-6 TR-250	C-40-I C-40-I C-40-L 15ACR 15AC	22 22 25 28 28	22 22 25 — —	12.7-13.3 12.7-13.3 12.7-13.3 — —	16.0-16.6 14.7-15.3 14.7-15.3 14.1-14.5 13.9-14.3
VOLKSWAGEN 38 Amp Generator 30 Amp Generator Type 4 with Alternator	211-031D 211-031A, G, E, F K114V55A20	38 30 55	— — —	12.5-13.2 12.4-13.1 —	13.5-14.2 13.5-14.5 13.5-14.2
VOLVO 4 Cylinder Model 140 6 Cylinder	K114V35A20 14V-26641 14V-34833	35 35 55	— — —	— — —	13.5-14.5 13.1-14.4 13.1-14.4

*At normal operating temperature

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