

MAKE	MODEL	YEAR		ENGINE INFO					CARBURETTOR (PETROL ENGINES)	
		FROM	TO	CYLINDER BORE	CYLINDER STROKE	CAPACITY	FIRING ORDER	OIL PRESS (HOT)	TYPE	SLOW RUNNING
Buick	Series 40	1939	1942	75.58mm	104.77mm	4032cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Carter or Stromberg (Carter Idle 3/8--1 turn open, Stromberg 1 1/4 turn open)	
Buick	Series 50	1939	1942	75.58mm	104.77mm	4032cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Carter or Stromberg (Carter Idle 3/8--1 turn open, Stromberg 1 1/4 turn open)	
Buick	Series 40	1946	1948	75.58mm	104.77mm	4032cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Carter or Stromberg (Carter Idle 3/8--1 turn open, Stromberg 1 1/4 turn open)	
Buick	Series 50	1946	1948	75.58mm	104.77mm	4032cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Carter or Stromberg (Carter Idle 3/8--1 turn open, Stromberg 1 1/4 turn open)	
Buick	Series 60	1940	1940	87.31mm	109.54mm	5249cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Stromberg Dual D/D	Idle adjust 1.25 T/O
Buick	Series 70	1940	1940	87.31mm	109.54mm	5249cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Stromberg Dual D/D	Idle adjust 1.25 T/O
Buick	Series 60	1941	1942	87.31mm	109.54mm	5249cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Stromberg Dual D/D	Idle adjust 1.25 T/O
Buick	Series 70	1941	1942	87.31mm	109.54mm	5249cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Stromberg Dual D/D	Idle adjust 1.25 T/O
Buick	Series 70	1946	1948	87.31mm	109.54mm	5249cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Stromberg Dual D/D	
Buick	Series 80	1940	1940	87.31mm	109.54mm	5249cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Stromberg AAV26, D/D	Idle adjust 1.25 T/O
Buick	Series 90	1940	1940	87.31mm	109.54mm	5249cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Stromberg AAV26, D/D	Idle adjust 1.25 T/O
Buick	Series 90	1941	1942	87.31mm	109.54mm	5249cc	1,6,2,5,8,3,7,4,	45 lb/sqin @ 35mph	Carter/StrombergDual D/D (Turn in to Weaken and out to enrich)	

MAKE	MODEL	YEAR		TAPPET CLEARANCES				IGNITION		
		FROM	TO	INLET (HOT)	EXHAUST (HOT)	VALVE TIMING IND	INLET OPENS	BREAKER GAP	PLUG GAP	IGNITION TIMING
Buick	Series 40	1939	1942	0.015"	0.015"	Chain & sprockets		0.015"	0.025"-0.030"	2' to 6' BTDC (max advance)
Buick	Series 50	1939	1942	0.015"	0.015"	Chain & sprockets		0.015"	0.025"-0.030"	2' to 6' BTDC (max advance)
Buick	Series 40	1946	1948	0.015"	0.015"	Chain & sprockets		0.0125"-0.0175"	0.023"-0.028"	2' to 6' BTDC (max advance)
Buick	Series 50	1946	1948	0.015"	0.015"	Chain & sprockets		0.0125"-0.0175"	0.023"-0.028"	2' to 6' BTDC (max advance)
Buick	Series 60	1940	1940	0.015"	0.015"	Chain & sprockets	Copper washers on chain 10 links apart to mesh with marks on sprockets	0.015"	0.025"	6' BTDC (max advance)
Buick	Series 70	1940	1940	0.015"	0.015"	Chain & sprockets	Copper washers on chain 10 links apart to mesh with marks on sprockets	0.015"	0.025"	6' BTDC (max advance)
Buick	Series 60	1941	1942	0.015"	0.015"	Chain & sprockets	Copper washers on chain 10 links apart to mesh with marks on sprockets	0.015"	0.025"-0.030"	6' BTDC (max advance)
Buick	Series 70	1941	1942	0.015"	0.015"	Chain & sprockets	Copper washers on chain 10 links apart to mesh with marks on sprockets	0.015"	0.025"-0.030"	6' BTDC (max advance)
Buick	Series 70	1946	1948	0.015"	0.015"	Chain & sprockets	Copper washers on chain 10 links apart to mesh with marks on sprockets	0.0125"-0.0175"	0.023"-0.028"	
Buick	Series 80	1940	1940	0.015"	0.015"	Chain & sprockets	Copper washers on chain 10 links apart to mesh with marks on sprockets	0.015"	0.025"	6' BTDC (max advance)
Buick	Series 90	1940	1940	0.015"	0.015"	Chain & sprockets	Copper washers on chain 10 links apart to mesh with marks on sprockets	0.015"	0.025"	6' BTDC (max advance)
Buick	Series 90	1941	1942	0.015"	0.015"	Chain & sprockets	Copper washers on chain 10 links apart to mesh with marks on sprockets	0.015"	0.025"-0.030"	6' BTDC (max advance)

MAKE	MODEL	YEAR		CLUTCH		BRAKES		TRACKING			
		FROM	TO	TYPE	LINING	TYPE	LINING	TOE IN	CAMBER	CASTER ANGLE	KING PIN ANGLE
Buick	Series 40	1939	1942	Buick single plate	Woven	Bendix/Delco hyd	pri woven	0 to 1/16"	0.25' to 1'	7/8' +/- 3/8'	3.5' to 4.5'
Buick	Series 50	1939	1942	Buick single plate	Woven	Bendix/Delco hyd	pri woven	0 to 1/16"	0.25' to 1'	7/8' +/- 3/8'	3.5' to 4.5'
Buick	Series 40	1946	1948	Buick single plate	Woven	Hyd 4 wheel expansion	Moulded	0 to 1/16"	1/8'neg to 1 1/8' +	pos 3/8' +/- 3/8'	4 1/8' with 1/2' cam
Buick	Series 50	1946	1948	Buick single plate	Woven	Hyd 4 wheel expansion	Moulded	0 to 1/16"	1/8'neg to 1 1/8' +	pos 3/8' +/- 3/8'	4 1/8' with 1/2' cam
Buick	Series 60	1940	1940	Buick single plate	Woven	Bendix/Delco hyd	pri woven	0 to 1/16"	0.25' to 1'	7/8' +/- 3/8'	3.5' to 4.5'
Buick	Series 70	1940	1940	Buick single plate	Woven	Bendix/Delco hyd	pri woven	0 to 1/16"	0.25' to 1'	7/8' +/- 3/8'	3.5' to 4.5'
Buick	Series 60	1941	1942	Buick single plate	Woven	Bendix/Delco hyd	secondry moulded	0 to 1/16"	1/8'neg to 1 1/8' +	pos 3/8' +/- 3/8'	3.5' to 4.75'
Buick	Series 70	1941	1942	Buick single plate	Woven	Bendix/Delco hyd	secondry moulded	0 to 1/16"	1/8'neg to 1 1/8' +	pos 3/8' +/- 3/8'	3.5' to 4.75'
Buick	Series 70	1946	1948	Buick single plate		Hyd 4 wheel expansion	Woven	0 to 1/16"	1/8'neg to 1 1/8' +	pos 3/8' +/- 3/8'	4 1/8' with 1/2' cam
Buick	Series 80	1940	1940	Buick single plate	Woven	Bendix/Delco hyd	pri woven	0 to 1/16"	0.25' to 1'	0 to +/- 3/8'	4' to 5'
Buick	Series 90	1940	1940	Buick single plate	Woven	Bendix/Delco hyd	pri woven	0 to 1/16"	0.25' to 1'	0 to +/- 3/8'	4' to 5'
Buick	Series 90	1941	1942	Buick single plate	Woven	Bendix/Delco hyd	secondry moulded	0 to 1/16"	1/8'neg to 1 1/8' +	pos 3/8' +/- 3/8'	3.5' to 4.75'