



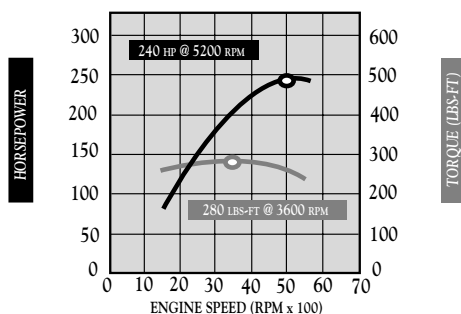
BUICK 2000 Regal

S P E C I F I C A T I O N S



Regal LS

3800 SERIES II SUPERCHARGED V-6



	3800 SFI Series II V-6 (LS)	3800 SFI Series II Supercharged V-6 (GS)
Type	90° V-6	90° V-6
Bore and Stroke (in.)	3.80 x 3.40	3.80 x 3.40
Piston Displacement (cu. in.)	231	231
Cylinder Head and Block Material	Cast Iron	Cast Iron
Compression Ratio	9.4:1	8.5:1
Net Horsepower @ Engine rpm	200 @ 5200	240 @ 5200
Net Torque (lbs.-ft.) @ Engine rpm	225 @ 4000	280 @ 3600
Recommended Fuel	Unleaded Regular	Unleaded Premium
Fuel Management	Sequential-Port Fuel Injection	Supercharged Sequential-Port Fuel Injection
Oil Capacity (qts.)	4 (5 w/filter)	4 (5 w/filter)
EPA Fuel Economy Rating, City/Hwy (Projected)	20/29	18/27

CHASSIS

Chassis/Body	Integral Body/Frame Construction
Body Material	Steel

TRANSAXLE

Automatic Transmission with Overdrive

Type	Four-Speed with Capacity Clutch, Electronically Controlled
Selector Pattern	PRND321
Gear Ratio (each times convert ratio)	
First	2.92
Second	1.57
Third	1.00
Fourth	0.71
Reverse	2.39
Final Drive Ratio	3.05 (LS)/2.93 (GS)
Cooling	Liquid
Capacity - Dry (pts.)	26.8

STEERING

Steering Gear Type	Rack-and-Pinion Magnetic Variable Effort
Overall Ratio	13.3:1
Number of Wheel Turns (stop-to-stop)	2.39
Turning Diameter (ft.) (curb-to-curb)	37.5
Linkage	Rear
Tie Rods, Number	2

SUSPENSION

Front Suspension Type	MacPherson Strut with L-Shaped Lower Control Arm and Aluminum Knuckle
Shock Absorbers	Twin-Tube Strut
Stabilizer (in.)	1.18 - Hollow
Rear Suspension Type	Tri-Link Independent, Coil Spring Over Strut
Shock Absorbers	Twin-Tube Strut
Stabilizer (in.)	.68 - Hollow

KEY FEATURES

- **Powertrain / Chassis / Suspension:**
 - 3800 SFI Series II V-6 (meets ULEV and California LEV standards)
 - 3800 SFI Series II Supercharged V-6 (GS) (meets California LEV standards)
 - Four-speed automatic transmission with overdrive and controlled capacity clutch, electronically controlled
 - Power four-wheel, anti-lock disc brakes
 - Traction control (full range on GS)
 - Electronic cruise control
- **Exterior:**
 - Two new colors: Gold Metallic and Sterling Silver Metallic
 - New 15" aluminum and 16" chrome-plated wheels available
 - Supercharged emblem on GS
 - Body-color grille standard on GS
 - Daytime running lamps with Twilight Sentinel
 - Integral fog lamps
 - Remote keyless entry with programmable safety/security features
- **Interior:**
 - Convenience Plus features
 - Six-way power seats (standard on GS, optional on LS)
 - Leather seating option includes seat-mounted, driver-side air bag
 - Split folding rear seat
 - Rear-seat child tether anchors
 - Dual ComforTemp climate control and air-filtration system
 - Concert Sound six-speaker system
 - PASS-Key® II passive theft-deterrent system
 - Inside rearview electrochromic mirror (optional)
 - Three-button OnStar System (optional)

BRAKES

Power Brake Type	Power Four-Wheel Disc Anti-Lock System
Self-Adjusting Feature	Standard
Hydraulic System Type	Split Diagonal
Effective Area Total (sq. in.)	53.2
Gross Lining Area Total (sq. in.)	53.2
Swept Area Total (sq. in.)	369.1
Outer Rotor Diameter (in.)	10.8/10.9 (F/R)
Inner Rotor Diameter (in.)	7.1/8.2 (F/R)
Rotor Thickness (in.)	1.3/0.4 (F/R)
Front Rotor Material and Type	Cast Iron - Vented
Rear Rotor Material and Type	Cast Iron - Solid with Integral Parking Brake Drum
Brake Lining Material	Semi-Metallic Front; Nonasbestos Organic Rear
Front Lining Outboard (in.)	4.96 x 1.81 x .60
Inboard (in.)	4.96 x 1.81 x .60
Rear Lining Outboard (in.)	3.58 x 1.32 x .35
Inboard (in.)	3.58 x 1.32 x .35

MODEL AVAILABILITY

Regal LS – Sedan WB69

Regal GS – Sedan WF69

STANDARD FEATURES

Acoustical Insulation Package

Air Bags – Next Generation driver and front passenger (SRS*)

Air Conditioning – Dual ComforTemp climate control

Air Filtration System – HVAC

Antenna – Rear window

Armrests – Rear seat storage with dual cup holder

Assist Handle – Front seat passenger

Battery – 10" high-capacity Delco Freedom

Brakes – Power four-wheel disc anti-lock

Bumper Guards

Console – Operating with dual cup holders, auxiliary power receptacle

Cruise Control – Electronic

Defogger – Front- and side-window outlets

– Electric, rear-window

Door Locks, Power with lock-out protection and delayed locking

Door Seals – Triple

Engine – 3800 SFI Series II V-6

Exhaust System – Stainless steel dual

Glass – Soft-Ray® side windows

– Solar-Ray® solar-control windshield and rear window

Heat Ducts – Rear-seat

Horn – Dual note

Instrumentation – Speedometer, tachometer, fuel and temperature gauges with trip odometer and warning lights for low fuel, door ajar, trunk ajar, oil level, low tire inflation, low coolant level, oil life monitor and tire inflation monitor

Lamps – Daytime running with Twilight Sentinel®; center, high-mounted stop lamp; cornering and fog

Lights – Glove box and trunk

– Dome

– Front-seat reading

– Front-door courtesy

Mirrors, Visor Vanity – Dual covered

Mirrors, Outside Rearview – Power dual remote, body-color folding, heated driver

Moldings – Protective, body color, body-side

Multifunctional Control Lever – Turn signals, headlamps high/low beam, windshield wiper controls and flash-to-pass signal

Radio – ETR® AM-FM stereo with power-loading cassette player, automatic tone control, music search, auto Cr02 and Dolby B, clean-tape-head indicator, radio monitor**, Theftlock®, seek/scan and clock

Rear-Seat Pass-Through – Lockable

Remote Keyless Entry – Includes remote trunk release

Retained Accessory Power

Safety Belts, Front – Lap belts to seat design, outboard lap/shoulder belt with comfort adjuster

Safety Belts, Rear – Outboard lap/shoulder belt with comfort guide

Seats – Front cloth bucket with two-way manual control, manual recliners and operating console

Seats, Rear – Theater seating

Security Locks – Rear-door, child

Speakers – Six speaker Concert Sound II

Starter Protection – Starter grind prevention feature

Steering – Magnetic variable effort, power rack-and-pinion

Steering Column – TILT-WHEEL™ adjustable

Steering Wheel – Leather-wrapped (includes shifter)

Storage – Glove compartment, front and rear door map pockets, front and rear console compartments, and front seat back map pockets

Sunshades – Extendible

Suspension – Four-wheel independent

Theft-Deterrent System – PASS-Key® II

Tire Inflation Monitor

Tires – P215/70R15 all-season blackwall (LS)

Traction Control

Transmission – Electronically controlled, four-speed automatic with overdrive and capacity clutch

Trunk Release – Electric, remote

Trunk Trim – Full trim with low lift-over

Wheels – 15" bolt-on

Windows – Power with driver express-down feature and passenger lock-out feature

Windshield Wipers – Two-speed with variable delay feature

*Supplemental Restraint System

**Radio monitor allows radio to play while cassette player is fast forwarding/reversing.

ADDITIONAL GS FEATURES

Air Bag, Side – Driver

Assist Handles – Rear-seat passengers

Carpet Savers – Front and rear

Engine – 3800 SFI Series II Supercharged V-6

Exhaust – Bright dual outlets

Instrumentation – Full analog gauge cluster with Driver Information Center

Mirrors – Dual illuminated driver and passenger visor vanity

Moldings – Lower body cladding, accent color

Seat – Six-way power, driver

Seats – Leather surfaces in primary seating areas

Shift Control – Driver selectable

Suspension – Gran Touring

Tires – P225/60R16 touring blackwall

Traction Control – Full range

Transmission – Electronically controlled, four-speed automatic with overdrive and capacity clutch (heavy duty)

Trunk Convenience Net

Wheels – 16" aluminum

TIRES

Standard, LS P215/70R15

Steel-belted, radial-ply,
all-season blackwalls

Standard, GS P225/60R16

Steel-belted, radial-ply,
all-season touring blackwalls

WHEELS

Type and Material
Size, Flange, Offset

Standard, LS

Bolt-On
15 x 6; 52mm

Standard, GS

Cast Aluminum
16 x 6.5; 52mm

Optional, LS/GS

Chrome Plated
Aluminum
16 x 6.5; 52mm

Optional, LS

Cast Aluminum
15 x 6; 52mm

Optional, LS

Cast Aluminum
16 x 6.5; 52mm

EXTERIOR COLOR AVAILABILITY

- **NEW** Gold Metallic (N/A on GS Sedan)
- **NEW** Sterling Silver Metallic
- Auburn Nightmist Pearl (N/A on GS two-tone)
- Black
- Bordeaux Red Pearl
- Bright White
- Jasper Green Pearl
- Light Sandrift Metallic (N/A on GS Sedan)
- Midnight Blue Pearl
- Twilight Blue Metallic

DIMENSIONS

Inches unless noted	Regal LS and GS Sedans
Overall:	
Length	196.2
Width	72.7
Height	56.6
Wheelbase	109.0
Front Track	62.0
Rear Track	61.3
Front Overhang	42.7
Rear Overhang	44.5
Interior:	
Leg Room (F/R)	42.4/36.9
Head Room (F/R)	39.4/37.4
Shoulder Room (F/R)	58.0/57.1
Hip Room (F/R)	54.4/53.3
Interior Volume Index:	
Cu. ft.	118.5
Passengers:	
Front	2
Rear	3
Luggage Capacity:	
Cu. ft.	16.7
Fuel Tank Capacity:	
Gal.	17.5
Curb Weight:	
Lbs.	Regal LS 3,439
	Regal GS 3,543


CONVENIENCE PLUS FEATURES

Include electronic reminder tones for ignition key, headlamps, turn signal, parking brake "on" and low fuel; delayed entry and exit lighting; theater dimming; Battery Rundown Protection; lock-out protection; delayed locking; flash-to-pass signal; PASS-Key® II passive theft-deterrent system; daytime running lamps with Twilight Sentinel®; retained accessory power and auxiliary power outlet.

GRAN TOURING PACKAGE

Specific Gran Touring suspension and specific 16" aluminum wheels and touring tires.

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Revised July 1999; subject to change.