

## 2004 SAAB 9-5 SEDAN TECHNICAL SPECIFICATIONS

ENGINE SPECIFICATIONS		
	2.3T (Arc)	2.3T (Aero)
Type	4-cylinder, inline	4-cylinder, inline
Displacement	2.3 liter (2,290 cc, 140 cu.in.)	2.3 liter (2,290 cc, 140 cu.in.)
Aspiration	Water-cooled turbocharger with APC charge pressure control, intercooler	Water-cooled turbocharger with APC charge pressure control, intercooler
Horsepower @ rpm	220 @ 5,500	250 @ 5,300
Max. torque (lb.-ft.) @ rpm	228 @ 1,900 – 4,500	258 @ 1,900 – 4,000
Fuel injection	Saab Trionic 7, Saab Multiport Fuel Injection	
Compression ratio	9.3:1	
Bore x Stroke	3.54 in. (90 mm) x 3.54 in. (90 mm)	
Arrangement	Transverse	
Valve train	Double overhead camshafts, 4 valves per cylinder	
Cylinder block	Cast iron	
Cylinder head	Light alloy, cross-flow type	
Cooling System	Water-cooled, thermostatically controlled electric radiator fan	
Fuel Requirement	Unleaded 87-93 AON (Aero: Unleaded 92-93 AON recommended)	

ELECTRIC SYSTEM	
Ignition	Saab Trionic with Direct Ignition
Alternator	1755W, 130A
Battery (maintenance-free)	12V, 70 Ah

DRIVETRAIN		
Type	Front-wheel drive	
Manual transmission	Fully synchronized 5-speed with hydraulically actuated clutch	
Automatic transmission	Electronically controlled 5-speed with 4 shift programs: Normal, Sport, Winter & Manual and direct mechanical lock-up in third, fourth and fifth gears	
Transmission ratios:	5-speed Manual	5-speed Automatic
First	3.38:1	4.68:1
Second	1.76:1	2.94:1
Third	1.18:1	1.92:1
Fourth	0.89:1	1.30:1
Fifth	0.66:1	1.00:1
Reverse	3.17:1	3.18:1
Final Drive	4:05:1	2.44:1

EPA FUEL ECONOMY RATINGS								
Model	9-5 Arc 2.3T			9-5 Aero 2.3T				
Engine	2.3L, 220 hp			2.3L, 250 hp				
Transmission	Manual, 5-sp.		Automatic, 5-sp.	Manual, 5-sp.		Automatic, 5-sp.		
Est. MPG, City/Hwy	20	30	19	28	21	29	19	28

**STEERING**

Type	Power-assisted rack and pinion, impact-collapsible steering column
Steering ratio	15.9:1
Turning circle	37.1 ft. (11.3 m)
Turns (lock to lock)	2.9

**CHASSIS AND SUSPENSION**

Front suspension	MacPherson struts, lower wishbone, coil springs with twin-pipe gas shock absorbers, stabilizer bars, integrated wheel bearings.
Rear suspension	Independent, multilink with inner and outer stabilizer bars, coil springs, gas shock absorbers.
Braking system	Four-wheel disc with power assist and anti-lock braking system (ABS), dual diagonal with four electronic channels (EBD: Electronic Brake force Distribution), self-adjusting, asbestos-free pads, ventilated front and rear discs.
Brake disc diameter	Front: 12.05 in. (306 mm) Rear: 11.81 in. (300 mm)
Parking brakes	Mechanical self-adjusting on separate rear wheel drums.
<b>Tires &amp; Wheels:</b>	
9-5 Arc	215/55 VR 16 all-season radial tires, 6.5 x 16 five-spoke alloy wheels
9-5 Aero	225/45 WR 17 performance radial tires, 7.0 x 17 five-spoke alloy wheels

**INTERIOR VOLUME**

EPA size class	Midsize
Seating capacity	5
Interior volume	114.9 cu.ft.
Front head room (in.)	37.1
Front leg room (in.)	42.4
Front shoulder room (in.)	56.9
Rear head room (in.)	37.0
Rear leg room (in.)	36.6
Rear shoulder room (in.)	56.5
Trunk capacity	15.9 cu.ft.

**DIMENSIONS**

Wheelbase (in.)	106.4 (2703 mm)
Front track (in.)	59.9 (1522 mm)
Rear track (in.)	59.9 (1522 mm)
Overall length (in.)	190.0 (4827 mm)
Overall width (in.)	70.5 (1792 mm)
Overall height (in.)	57.0 (1449 mm)
Fuel capacity	18.5 gallons (U.S.)
Aerodynamic drag	0.29 Cd
<b>Curb weight (lbs.) (Base curb weight with standard equipment)</b>	
9-5 Arc & Aero	3,470 (manual) 3,530 (automatic)
Weight distribution	60% front / 40% rear

## STANDARD ON 2004 SAAB 9-5 ARC SEDAN MODELS:

### PERFORMANCE

2.3T: 2.3-liter 4 cylinder turbocharged 220-hp engine  
5-speed manual transmission  
Electronic Traction Control System (TCS)  
Electronic Stability Program (ESP)  
Hydraulically actuated clutch  
Anti-lock braking system (ABS)  
Five-spoke 16-inch light-alloy wheels  
215/55 R 16 all-season radial tires

### SAFETY

Adaptive driver and passenger front airbags  
Side-impact protection system  
Saab Safeseat:

- Saab Active Head Restraints (SAHR), front seats
  - Head and torso side airbags, front seat
  - Protection against "submarining," front and rear
  - 3-point seatbelts on all seating positions
  - Automatic front seatbelt pre-tensioners
  - Semi-automatic height adjusting front and outer rear seatbelts
  - Child seat anchorage points, rear
- Manually activated "childproof" rear door locks  
Color-keyed 5-mph impact resistant bumpers  
Saab anti-theft protection alarm w/engine immobilizing  
Split wide-angle exterior mirror, passenger side  
Daytime running lights

### EXTERIOR

Power sliding glass sunroof, with express open  
Protective bodyside moldings  
Color-matched lower body skirts  
Aerodynamic headlamps, flush lenses, halogen bulbs  
Front and rear fog lights  
Headlamp high-pressure washer  
6-jet high-pressure windshield washer  
Side-mounted direction indicator lights  
Undercoating and anti-corrosion treatment

### INTERIOR & SEATS

Leather seating surfaces  
Dark wood-trimmed instrument panel  
Electrically adjustable front seats  
Heated front seats  
Head restraints for four seats, provision for a fifth

### INTERIOR & SEATS

Automatic Climate Control, CFC-free  
Separate temperature controls for driver and passenger  
Cabin air filter  
Side window demisters, front & rear  
Adjustable front armrest  
Power windows, front with express down  
Electrically operated and heated mirrors  
Remote lock/unlock and anti-theft system  
Central locking, with key or remote (1 door or all)  
Tinted heat-absorbing glass  
Double, dividable sun visors  
Dual illuminated vanity mirrors  
Interior light with delay/door instep illumination  
Cooled glove box, illuminated and lockable  
Storage compartments in the doors and seat backs  
Cupholder in dashboard fascia  
Cupholders in center console (1) and rear armrest (2)  
Overhead grab handles, all outer seating positions  
Internal trunk and fuel lid release  
Closing handle inside trunk  
Rear seat foldable entirely or 60/40 split  
Center rear armrest with pass-through opening  
Trunk illumination  
Plush carpet floor mats  
Headlights with delay ("follow me home function")

### DRIVER CONTROLS & INSTRUMENTATION

Analog instrumentation (speedometer, tachometer, boost gauge, fuel & temperature gauges); digital odometer, incl. trip  
Dashboard Night Panel feature  
Warning lights: open door or trunk/failed light/low fluids  
Saab Car Computer (SCC)  
Electronic speed control  
Variable intermittent wipers  
Steering wheel adjustable for reach and height  
Leather trimmed steering wheel, handbrake and gear level knob (also gaiter on manual)  
Audio system radio/CD/cassette, 150w, 7 speakers, antenna amplifier  
Audio remote controls in steering wheel  
Rear window-mounted dual antenna system

## STANDARD ON SAAB 9-5 AERO MODELS:

In addition to or instead of equipment on Arc

2.3T: 2.3-liter 4-cyl high output turbocharged 250-hp engine  
Performance-tuned chassis/suspension  
17-inch five-spoke light alloy wheels, 225/45 R17 tires  
Aero-specific exterior styling package  
Leather sport seats w/ sport steering wheel  
Metallic finish dash trim  
OnStar with 12 Months of Safe & Sound Plan  
Saab Aero Academy 2-day driving program

3-position memory on driver's side (incl. mirror settings and tilt-down passenger-side mirror)  
Harman/Kardon-tuned audio system, radio/CD/cassette, 240 watts, 9 speakers  
Auto-dimming rear view mirror w/ compass and integrated garage door opener

### **OPTIONAL ON 2004 SAAB 9-5 ARC SEDAN MODELS:**

5-speed automatic transmission with Sentronic manual shift mode

Metallic paint

Ventilated front seats

Xenon headlamps

OnStar with 12 Months of Safe & Sound Plan

17" Sport wheel package – Includes 17" tires and Double 3-spoke alloy wheels

Premium Package – Includes auto dimming rear view mirror with digital compass and integrated garage door opener,

Driver's side memory seat, Harman/Kardon-tuned audio system, 240w, 9 speakers

Touring Package – Includes rain-sensing wipers, Saab parking assistance, Outer dimming mirrors

### **OPTIONAL ON 2004 SAAB 9-5 AERO SEDAN MODELS:**

5-speed automatic transmission with Sentronic manual shift mode

Metallic paint

Sport-ventilated front seats

Xenon headlamps

Touring Package – Includes rain-sensing wipers, Saab parking assistance, Outer dimming mirrors

Sport-Tech Package – Includes Two-tone Granite Gray sport leather seat with Obsidian Black inserts and carbon-fiber

instrument panel fascia