

2005 SUBARU FORESTER





Forester 2.5 XT with Premium Package shown in Platinum Silver Metallic with accessory heavy-duty cargo basket



Forester 2.5 XT with Premium Package shown with Black leather, optional automatic transmission and accessory performance gauge package.

16" 6-spoke wheels

SUBARU, 2004

The Forester 2.5 XT is picked as one of *Car and Driver* magazine's 2004 *5Best Trucks* in the Small SUV category.

Raised suspension

Fog lights

Roof rails with cross bars

Windshield wipers de-icer

**INJECTING A DOSE OF ADRENALINE** into the SUV experience, the powerful Forester 2.5 XT caters to enthusiasts of every sort with a well-proportioned cabin that's equal parts luxury, utility and driver-focused functionality. Up front, silver metallic trim gives the cockpit a sleek, stylish look. An 8-way power driver's seat ensures a comfortable, easily adjusted driving



**1** Sport-design instrumentation gives the Forester 2.5 XT a performance-infused flair.

**2** A sporty, leather-wrapped shift knob practically begs you to put the standard 5-speed manual transmission of the 2.5 XT through its paces every chance you get.

**3** A road trip without music is like a campfire without s'mores. So the 2.5 XT is equipped with an AM/FM/Weatherband stereo with an in-dash 6-disc CD player for hours of uninterrupted entertainment.



position. An automatic climate control system works to maintain a preset temperature. All supplemented by a rear cargo area offering over 62 cubic feet of carrying capacity with the rear seats folded down. Or for an even more luxurious experience, the 2.5 XT Premium Package delivers added benefits like rich, Black leather-trimmed upholstery and a panoramic power moonroof.

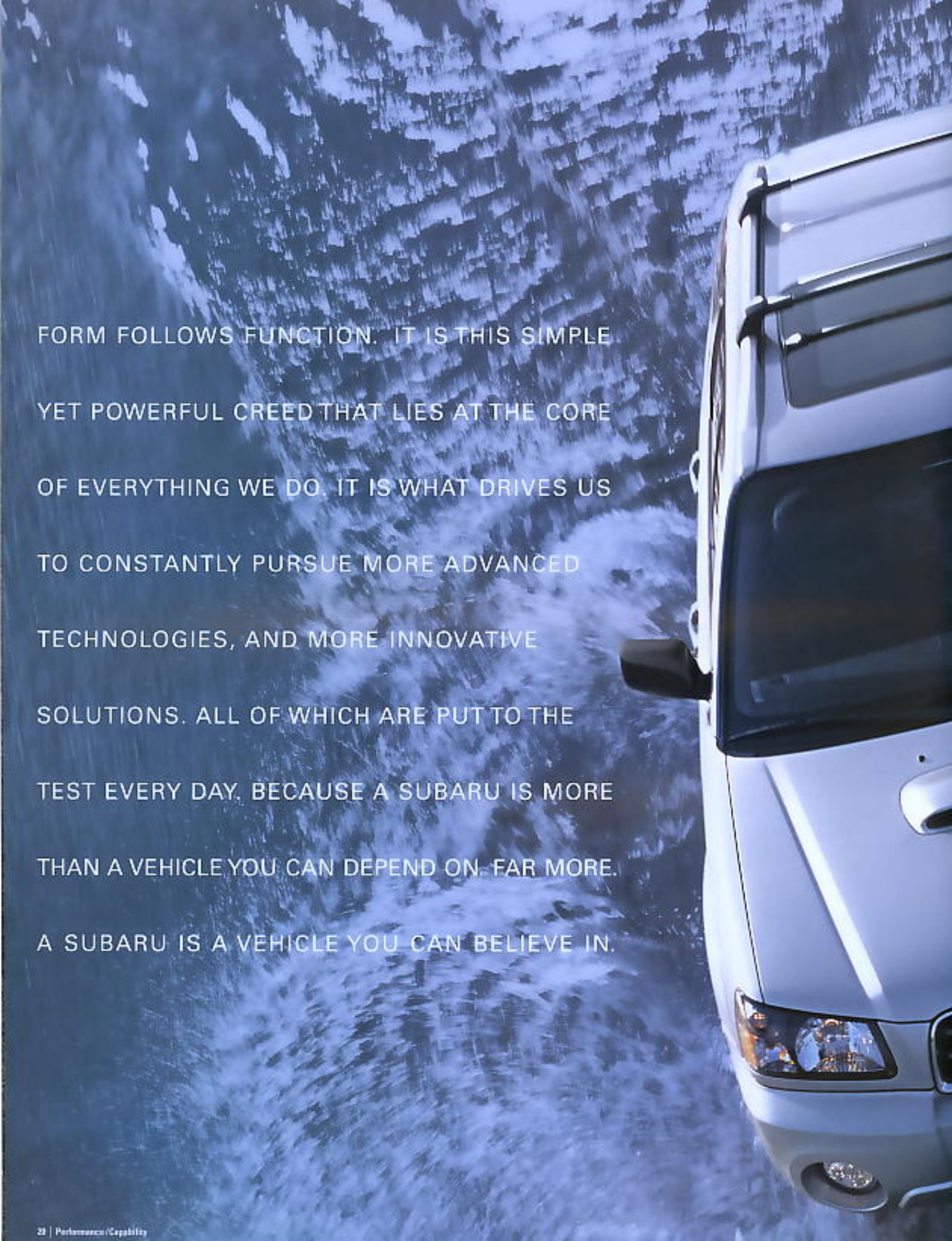
Sport-design front seats

Heated front seats

In-dash CD player

Automatic climate control system

12-volt power outlets



FORM FOLLOWS FUNCTION. IT IS THIS SIMPLE  
YET POWERFUL CREED THAT LIES AT THE CORE  
OF EVERYTHING WE DO. IT IS WHAT DRIVES US  
TO CONSTANTLY PURSUE MORE ADVANCED  
TECHNOLOGIES, AND MORE INNOVATIVE  
SOLUTIONS. ALL OF WHICH ARE PUT TO THE  
TEST EVERY DAY. BECAUSE A SUBARU IS MORE  
THAN A VEHICLE YOU CAN DEPEND ON. FAR MORE.  
A SUBARU IS A VEHICLE YOU CAN BELIEVE IN.

**BENEATH THE SKIN**, the Subaru Boxer engine and Symmetrical All-Wheel Drive work in unison to deliver exceptional performance in virtually every environment.

They are in turn complemented by precise, engine-speed-sensing variable



**1** A heavy-duty raised fully independent suspension absorbs bumps, potholes and just about whatever the road has in store.

**2** A MacPherson-type strut front and rear suspension provides enhanced handling and a smooth, balanced ride on the most winding of roads.



rack-and-pinion steering, an incredibly rigid yet lightweight body structure, and a 4-wheel independent suspension for dynamic, balanced handling across a wide variety of driving conditions.



**2003 SUBARU FORESTER**  
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**INSURANCE INSTITUTE  
FOR HIGHWAY SAFETY**  
//  
**CEF0214**

Symmetrical AWD

SUBARU, 2003

Since tested, the Forester maintains the highest rating in frontal offset crash test results from the Insurance Institute for Highway Safety (IIHS).<sup>†</sup>

Dual-stage front air bags (SRS)<sup>†</sup>

Side-impact front head/chest air bags (SRS)<sup>†</sup>

Seatbelt pre-tensioners

Seatbelt force limiters

**THE SUBARU DRIVING EXPERIENCE** evokes many emotions. Confidence should always be one of them. Which is why every

Subaru is engineered according to the principles of "Active Driving/Active Safety." Proactive safety components such as

full-time Symmetrical AWD and 4-wheel anti-lock disc brakes (ABS) with Electronic Brake-force Distribution (EBD) provide



the driver with outstanding vehicle control during evasive maneuvering. And when the unexpected becomes the unavoidable

a cocoon of passive safety features, which includes a Ring-Shaped Reinforcement Frame body structure, front and rear

crumple zones, side-impact air bags, and more, work together to help insure all occupants are as safe and sound as possible

Collapsible steering column

Safety brake pedal system

Side-impact door beams

Daytime Running Lights (DRL)

LATCH system<sup>†</sup>

**BECAUSE EVERYONE'S IDEA** of a perfect driving experience is unique, a wide variety of Genuine Subaru Accessories is available to make your Forester as distinctive as you are. Crafted with the same **quality, durability, fit and finish** as the vehicle itself, these specially designed accessories offer a means to accentuate every aspect of your Forester.



**1** Roof-mounted Bicycle Carrier: Securely transport one bicycle with a 1" to 3" downtube.

**2** Hitch-mounted Bicycle Carrier: Slides into trailer hitch to carry up to 2 bikes. Designed for easy dismounting of bikes without lifting.\*

**3** Hood Protector: Acrylic plastic and wrap-around design help protect your Forester hood from stone chips and bugs.

**4** Rear Spoiler: Color-matched rear-deck spoiler adds a sporty touch to the Forester.

**5** Moonroof Air Deflector: Helps reduce wind noise and cuts sun glare.

with personalized style, functionality and luxury. Moreover, all Genuine Subaru Accessories are backed by our basic vehicle 3-year/36,000-mile warranty when installed at the time of vehicle purchase. For complete warranty details, or to learn more about the full range of available Forester accessories, see your Subaru dealer or visit [www.subaru.com](http://www.subaru.com)

## SPECIFICATIONS

	Forester 2.5 X	Forester 2.5 XS	Forester 2.5 XS LL Bean® Edition	Forester 2.5 XT
<b>ENGINE AND DRIVETRAIN</b>				
Engine	2.5-liter SOHC aluminum-alloy 16-valve horizontally opposed 4-cylinder Subaru Boxer engine. Platinum-tipped spark plugs.		2.5-liter DOHC intercooled, turbocharged aluminum-alloy 16-valve 4-cylinder horizontally opposed Subaru Boxer engine with Active Valve Control System (AVCS). Iridium spark plugs. Sodium-filled exhaust valves.	
Power	166 hp @ 5,600 rpm		210 hp @ 5,600 rpm	
Torque	166 lb.-ft. @ 4,000 rpm		235 lb.-ft. @ 3,600 rpm	
Compression ratio	10.0:1		8.2:1	
Bore and stroke	99.5 x 79 mm		99.5 x 79 mm	
Intake system	Aluminum-alloy intake manifold.		Aluminum-alloy intake manifold. Turbocharger with intercooler. Maximum boost pressure: 11.6 psi.	
Fuel and ignition system	Sequential multi-port fuel injection. Electronic Throttle Control (ETC). Engine management with integrated self-diagnostics. Engine Control Module (ECM) with adaptive driving habits capability. Distributorless electronic ignition – 2.5 X and 2.5 XS. Direct ignition – 2.5 XT.			
Manual transmission	Standard fully synchronized 5-speed manual with Hill Holder system and clutch pedal-controlled starter interlock.	Not available.		Standard fully synchronized 5-speed manual with Hill Holder system and clutch pedal-controlled starter interlock.
Automatic transmission	Optional 4-speed electronic direct-control automatic with economy and power modes.	Standard 4-speed electronic direct-control automatic with economy and power modes.		Optional 4-speed electronic direct-control automatic with economy and power modes.
Fuel economy (city/highway)	Manual: 23/30 mpg Automatic: 22/28 mpg	Manual: N/A Automatic: 22/28 mpg		Manual: 18/24 mpg Automatic: 20/23 mpg

## SYMMETRICAL ALL-WHEEL DRIVE

Continuous All-Wheel Drive	Models equipped with 5-speed manual transmission utilize a viscous-type locking center differential with torque distribution configured at a 50/50-split front-to-rear. 2.5 XS and 2.5 XT models also feature a viscous-type limited-slip rear differential.			
Active All-Wheel Drive	Models equipped with 4-speed automatic transmission utilize an electronically controlled variable multi-plate transfer clutch to distribute power to where traction is needed. Sensors monitor parameters such as wheel slippage, throttle position and braking to help determine torque distribution to the wheels with optimum traction. 2.5 XS and 2.5 XT models also include a viscous-type limited-slip rear differential.			

## CHASSIS

Steering	Engine-speed-sensing variable power-assisted rack-and-pinion. Turns lock-to-lock: 3.0. Turning circle: 34.8 ft.			
Suspension	4-wheel independent heavy-duty raised suspension.			
	Front: Strut-type with internal rebound spring and lower L-arm. Antidive geometry. Front stabilizer bar.		Rear: Strut-type with self-leveling feature. Antilift geometry. Rear stabilizer bar.	
	Rear: Strut-type with internal rebound spring and parallel link. Antilift geometry. Rear stabilizer bar.		Rear: Strut-type with internal rebound spring and parallel link. Antilift geometry. Rear stabilizer bar.	
Brakes	Front-wheel ventilated disc, rear-wheel drum.	4-wheel disc, ventilated front.		
	4-channel, 4-sensor ABS.		4-channel, 4-sensor ABS with Electronic Brake-force Distribution (EBD).	
Brake dimensions (in.)	11.4 front/9.0 rear		11.4 front/10.3 rear	

## WHEELS AND TIRES

Wheels	16 x 6.5-inch 5-spoke styled steel.	16 x 6.5-inch 8-spoke aluminum-alloy. Silver finish.	16 x 6.5-inch 5-twin-spoke aluminum-alloy. Silver finish.	16 x 6.5-inch cross-sport 6-spoke aluminum-alloy. Silver finish.
Tires	215/60 R16 94H M+S all-season			

## DIMENSIONS

Length	175.2 in.			
Height	65.0 in. (includes roof rails and cross bars)			
Width	68.3 in.			
Wheelbase	99.4 in.			
Track (front/rear)	58.9 in./58.5 in.			
Curb weight (manual/automatic)	Forester 2.5 X 3,050 lbs./3,135 lbs.	Forester 2.5 XS 3,105 lbs./3,150 lbs.	Forester 2.5 XS LL Bean Edition N/A/3,155 lbs.	Forester 2.5 XT 3,225 lbs./3,270 lbs.
Coefficient of drag (cd)	0.37 (2.5 XT: 0.38)			
Ground clearance	7.5 in.			
Angle of approach	24.0°			
Breakover angle	18.7°			
Angle of departure	21.2°			
Towing capacity (Class II)	2,400 lbs.			
Headroom (front/rear)	39.6 in./39.8 in. (39.0 in./37.0 in. with moonroof)			
Legroom (front/rear)	43.6 in./33.7 in.			
Shoulder room (front/rear)	53.5 in./53.6 in.			
Cabin capacity	93.5 cu. ft. (91.2 cu. ft. with moonroof)			
Cargo capacity	32.0 cu. ft./64.7 cu. ft. with rear seat lowered (with moonroof: 29.6 cu. ft./52.7 cu. ft. with rear seat lowered)			