

2005 SUBARU BAJA





THE 2005 BAJA

Baja Turbo shown in Garnet Red Pearl

Subaru introduces the BRAT, a success with its combination of four-wheel-drive capability, pickup-truck utility and economy-car frugality.

16" 5-spoke wheels

Raised suspension

5-speed manual

Moonroof

Fog lights with stone guards

**BAJA TURBO.** Engineered to invigorate every aspect of your action-packed life, the versatile Baja Turbo works hard and plays even harder. Its performance-minded personality is defined by attributes like a potent 210-hp, intercooled, turbocharged



1 A new standard hard bed cover gives the Baja Turbo with Leather Package a streamlined form while keeping valuables under lock and key.<sup>2</sup>

2 The stylish Baja Turbo with Leather Package features eye-catching 5-spoke aluminum alloy wheels for a well-heeled appearance.

Subaru Boxer engine, coupled with Symmetrical All-Wheel Drive. A pothole-devouring heavy-duty raised fully independent suspension. Plus an optional 4-speed automatic transmission with SPORTSHIFT manual control for effortless, on-the-fly shifting.<sup>3</sup>

Roof rails with cross bars

Switchback System

Cargo-bed sport bars

Integrated cargo-bed liner

Cargo-bed tie-down hooks



Baja Turbo with Leather Package shown in Black Granite Pearl/Onyx Metallic with accessory splash guard



Baja Turbo with Leather Package shown with Gray Perforated leather

Leather-trimmed upholstery<sup>1</sup>

Leather-wrapped  
shifter handle<sup>1</sup>

Medium Gray metallic trim

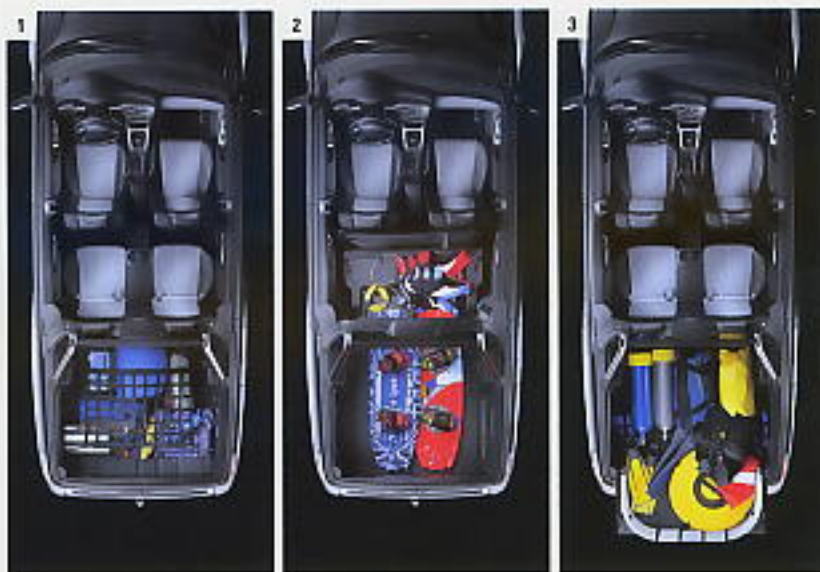
In-dash CD player<sup>2</sup>

Power windows



**PROVING THAT CAPABILITY** and comfort can go hand in hand, inside every Baja you'll find a cabin that's **stylish, driver-focused** and remarkably **accommodating**

Consider the Baja Sport and Baja Turbo, with their **durable cloth upholstery**



**1** All Baja models feature our innovative Switchback System that allows the rear cargo area to be configured to accommodate items of various sizes quickly and easily. For smaller items, four tie-down hooks and an accessory cargo-bed net help keep things snug and secure.

**2** Need more room? Then fold down the Switchback door to expand the cargo area length.

**3** And for even greater capacity, an accessory bed extender adds even more length, creating a space that's over 93 inches long.

Or the Baja Turbo with Leather Package, where you'll enjoy such **refinements** as a 4-speed automatic transmission with **SPORTSHIFT**, perforated leather-trimmed upholstery, a 6-way power driver's seat and toasty, dual-mode heated front seats.

Power door locks

Keyless entry system

12-volt power outlet

Ambient temperature gauge

Switchback cargo-bed door

<sup>1</sup>Baja Turbo with Leather Package only. <sup>2</sup>Baja Turbo models only.

FOR OVER 30 YEARS, the Subaru name has been synonymous with All-Wheel Drive (AWD). It is our heritage, our passion, and an integral part of the Subaru experience. So it should come as no surprise that every vehicle we build comes equipped with our advanced Symmetrical All-Wheel Drive. Uniquely innovative, it features drivetrain components positioned along

Baja Models	AWD System	How It Works
Baja Sport and Baja Turbo with 5-speed manual	Continuous	Utilizing a viscous-center locking differential, under normal conditions power is split 50/50 between the front and rear wheels. If wheel slippage occurs, the center differential helps transfer power to the wheels with the best traction.
Baja Sport with 4-speed automatic	Active	Featuring an electronically managed, continuously variable multi-plate transfer clutch, this AWD system monitors parameters such as wheel slippage and vehicle speed, transferring power to the front or rear wheels with the best traction.
Baja Turbo models with 4-speed automatic	VTD	Variable Torque Distribution (VTD) uses an electronically controlled hydraulic transfer clutch in conjunction with a planetary gear-type center differential to control power distribution between the front and rear wheels. Under normal driving conditions, the VTD system splits power 45% front and 55% rear, to deliver more of a performance-driving feel.



1 For the best of both manual and automatic transmissions, the Baja Turbo with Leather Package features our advanced 4-speed automatic transmission with SPORTSHIFT manual control.

2 Most Baja AWD systems use either a viscous-type or a planetary-type center differential which manage torque distribution based on where traction is needed most.



longitudinal axis and between the vehicle axles for optimum balance and control. In turn, power is constantly delivered to all four wheels and automatically distributed where traction is needed most. This is quite unlike some of the less sophisticated two-wheel-drive-based systems of other manufacturers. What's more, because every vehicle and driving



style has its own specific All-Wheel Drive requirement

Subaru engineers have developed multiple systems, each with

its own distinct advantages and capabilities. When integrated



with our Subaru Boxer engine and complemented by our 4-wheel

fully independent suspension, these advanced AWD systems deliver

the performance and handling that make a Subaru, a Subaru

Ski and snowboard attachment

Bed-mounted bicycle carrier

Hard bed cover

Cargo-bed net

Security system upgrade kit

**CRAFTED WITH THE SAME QUALITY** and durability as the Baja itself, 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 Baja accessories, see your Subaru dealer or visit [www.subaru.com](http://www.subaru.com)

**1** Heavy-duty Roof Cargo Basket with Fork-mounted Bicycle Carrier: Weather-resistant, steel construction, measuring 44 x 39 x 6.5 in., mounts to cross bars and accommodates up to 100 pounds of cargo. Includes mounting hardware, black cargo net with hooks and a custom fairing to help deflect wind and noise. Bike carrier can be used with the Heavy-duty Roof Cargo Basket. Front-wheel Holder sold separately.

**2** Hood Protector: Acrylic plastic wrap-around design helps protect your Baja from stone chips and bugs.

**3** Soft Bed Cover (Tonneau): Unique weather-resistant vinyl and plastic cover helps protect cargo-bed area from the elements. Vinyl cover may be rolled up and secured to access bed area.

**4** Auto-dimming Rearview Mirror with Compass: Includes electronic compass. Mirror darkens when headlights are detected from the rear of vehicle.

**5** Trailer Hitch: Heavy-duty rated at 200 lbs. tongue weight, 2,400 lbs. towing capacity<sup>1</sup>

**6** Turbo-boost Gauge: Illuminated Turbo-boost Gauge mounts conveniently to side of steering column.



6-disc in-dash CD changer

Tweeter and speaker kits

Subwoofer/amplifier

All-weather floor mats

Splash guard kit

<sup>1</sup>Delayed availability. See your dealer. <sup>2</sup>Trailer brakes may be needed. Ball not included.

## SPECIFICATIONS

	Baja Sport	Baja Turbo
<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	165 hp @ 5,600 rpm	210 hp @ 5,600 rpm
Torque	166 lb.-ft. @ 4,000 rpm	225 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. Engine management with integrated self-diagnostics and adaptive driving habits capability. Electronic Throttle Control (ETC) – Baja Turbo. Distributorless electronic ignition – Baja Sport. Direct Ignition – Baja Turbo.	
Manual transmission	Standard fully synchronized 5-speed manual with clutch pedal-controlled starter interlock.	
Automatic transmission	Optional 4-speed electronically controlled automatic.	Optional 4-speed electronic direct-control automatic with SPORTSHIFT manual control.
Fuel economy (city/highway)	Manual: 21/27 mpg, Automatic: 21/28 mpg	Manual: 19/25 mpg, Automatic: 18/23 mpg

## SYMMETRICAL ALL-WHEEL DRIVE

Continuous All-Wheel Drive	Baja Sport and Baja Turbo 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. Also included is a viscous-type limited-slip rear differential.
Active All-Wheel Drive	Baja Sport equipped with 4-speed automatic transmission utilizes an electronically controlled variable 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 optimal traction. Also included is a viscous-type limited-slip rear differential.
Variable Torque Distribution (VTD) All-Wheel Drive	Baja Turbo equipped with 4-speed automatic transmission utilizes an electronically controlled variable transfer clutch in conjunction with a planetary-type center differential. Rear wheel-based torque distribution normally configured at 45/55 split front-to-rear. Also included is a viscous-type limited-slip rear differential.

## CHASSIS

Steering	Engine-speed-sensing power-assisted rack-and-pinion. Turns lock-to-lock: 3.4. Turning circle: 30.7 ft.
Suspension	4-wheel independent heavy-duty raised suspension. Front: Strut-type with internal rebound spring and lower L-arm. Anabolic geometry. Front stabilizer bar. Rear: Multi-link with anabolic geometry. Rear stabilizer bar.
Brakes	4-wheel disc, ventilated front. 4-channel, 4-sensor ABS.
Brake discs (in.)	11.4 front/11.3 rear

## WHEELS AND TIRES

Wheels	16 x 6.5-inch 5-spoke aluminum-alloy. Silver finish.	16 x 6.5-inch 5-spoke aluminum-alloy. Gray finish. With optional Leather Pkg., 16 x 6.5-inch 5-spoke aluminum-alloy. Silver finish.
Tires	225/60 R16 91H M+S all-season	

## DIMENSIONS

Length	193.3 in.	
Height	65.1 in. (includes roof rails and cross bars)	
Width	70.1 in.	
Wheelbase	104.3 in.	
Track (front/rear)	57.7 in./57.7 in.	
Curb weight (manual/automatic)	Baja Sport: 3,480 lbs./3,545 lbs.	Baja Turbo: 3,810 lbs./3,665 lbs. (3,735 lbs. with optional Leather Package)
Coefficient of drag (cd)	0.39	
Ground clearance	8.4 in.	
Angle of approach	18.7°	
Breakover angle	Baja Sport: 18.8°	Baja Turbo: 19.2°
Angle of departure	20.4°	
Towing capacity (Class II)	2,400 lbs.	
Headroom (front/rear)	38.3 in./37.3 in.	
Legroom (front/rear)	43.3 in./33.5 in.	
Shoulder room (front/rear)	53.9 in./53.6 in.	
Cabin capacity	90.5 cu. ft.	
Cargo bed	Length: 41.5 in., Width: 49.0 in. (between wheelhouses: 39.2 in.), Height: 17.0 in.	
Cargo bed capacity	17.7 cu. ft.	

<sup>1</sup>Included with optional Leather Package.

<sup>2</sup>The Supplemental Restraint System (SRS) (air bag) affords the driver and front passenger additional protection in a moderate to severe frontal collision. This system provides supplemental protection only, and seatbelts must be worn in order to avoid exposure to out-of-position occupant's upper bag deployment and to provide the best combined protection in a serious accident. Children should always be properly restrained in the rear seat.

<sup>3</sup>Delayed availability. See your dealer.

Some images shown are for illustration purposes only. Specifications in this brochure are based on the latest product information available at the time of publication. Some equipment shown in photography in this brochure is optional or extra. Specific options may be available only in combination with other options. Specific combinations of equipment or features may vary from time to time and by geographic area. Certain accessories and equipment may not be available at the time of publication. Subaru of America, Inc., reserves the right to change or discontinue at any time, without notice, prices, colors, materials, equipment, accessories, specifications, models and packages without incurring any obligation to make the same or similar changes on vehicles previously sold. Colors shown may vary due to reproduction and printing processes. This brochure was prepared by Subaru of America, Inc. A warranty from Subaru of America, Inc., is available only to the original purchaser through an authorized Subaru dealer in the continental U.S. or Alaska. Subaru, Subaru Boxer, Baja, SPORTSHIFT, Switchback, and MOMO are registered trademarks. For more information, contact your Subaru dealer.