

**IMPREZA**

*2006*



SPECIFICATIONS



# IMPREZA

## Engine

Impreza 2.5i Sedan, 2.5i Sport Wagon, Outback Sport		Impreza WRX Sedan & Sport Wagon	
Type	2.5L Single Overhead Cam (SOHC), 16-valve, horizontally-opposed, 4-cylinder SUBARU BOXER engine, Electronic Throttle Control and i-Active Valve Lift System	Type	2.5L Dual Overhead Cam (DOHC), 16-valve, horizontally-opposed, 4-cylinder SUBARU BOXER engine with turbocharger and intercooler, Electronic Throttle Control and Active Valve Control System
Power	173 hp @ 6,000 rpm	Power	230 hp @ 5,600 rpm
Torque	166 lb-ft @ 4,400 rpm	Torque	235 lb-ft @ 3,600 rpm
	Meets Low Emission Vehicle (LEV2) standards		Meets Low Emission Vehicle (LEV2) standards

## Transmission and Drivetrain

Manual Transmission	5-speed manual transmission (5MT), standard AWD type: Viscous-coupling limited-slip centre differential
Automatic Transmission	4-speed electronic direct controlled automatic transmission (4EAT), optional (excluding WRX Sport Wagon) AWD type: Electronically controlled multi-plate transfer clutch (2.5i models & Outback Sport); Electronically controlled locking centre differential with Variable Torque Distribution (VTD) (WRX Sedan)
Drivetrain	Subaru symmetrical full-time All-Wheel Drive system Limited-slip rear differential (viscous type) (WRX models only)

## Chassis

Suspension	4-wheel fully-independent Heavy-duty raised (Outback Sport only) Sport-tuned (2.5i & WRX models)
Brakes	Power-assisted, dual-diagonal system ABS 4-channel/4-sensor/4-wheel Electronic Brake-Force Distribution (EBD) Front: Ventilated discs 274 x 24 mm (2.5i models & Outback Sport), 2-piston calipers; 292 x 24 mm (WRX models), 4-piston calipers Rear: Solid discs 262 x 10 mm (2.5i models & Outback Sport), single-piston calipers; ventilated discs 288 x 18 mm (WRX models), 2-piston calipers
Steering	Engine speed sensitive, power-assisted rack and pinion 10.2 m minimum turning circle (curb-to-curb) (2.5i Sport Wagon); 10.8 m minimum turning circle (curb-to-curb) (all models excluding 2.5i Sport Wagon)

Measurements	2.5i Sedan	2.5i Sport Wagon	Outback Sport	WRX Sedan	WRX Sport Wagon
Fuel economy: Manual transmission (City/Hwy) (L/100km)	10.7/7.5	10.7/7.5	10.7/7.5	12.0/8.3	12.0/8.3
Fuel economy: Automatic transmission (City/Hwy) (L/100km)	10.4/7.8	10.4/7.8	10.4/7.8	11.4/8.5	-
Recommended minimum octane (AKI)	87	87	87	91	91
Fuel tank capacity (L)	60	60	60	60	60
Curb weight: Manual transmission (with moonroof*) (kg)	1368	1393	1391	1452/1469*	1477/1493*
Curb weight: Automatic transmission (with moonroof*) (kg)	1391	1415	1415	1494*	-
Towing capacity: Maximum weight (kg) with trailer brakes <sup>†</sup>	906	906	906	906	906
Length (mm)	4455	4455	4455	4465	4465
Width (mm) with mirrors	2082	2082	2082	2082	2082
Height (mm) with roof rails*	1440	1485*	1495*	1440	1485*
Wheelbase (mm)	2525	2525	2525	2525	2525
Minimum ground clearance (at curb weight) (mm)	160	160	170	160	160
Headroom: Front/Rear (mm)	980/932	1008/947	1008/947	980/932	1008/947
Headroom: Front with moonroof (mm)	-	-	-	925	948
Legroom: Front/Rear (mm)	1090/838	1090/856	1090/856	1090/838	1090/856
EPA interior volume (L)	2479	2558	2558	2479	2558
Cargo area: EPA trunk volume (L)	311	-	-	311	-
Cargo area: EPA volume (seats up) (L)	-	790	790	-	790
Cargo area: SAE volume (seats folded flat) (L)	-	1744	1744	-	1744
Roof Rack System: Maximum load (kg)	-	45	45	-	45

<sup>†</sup>See owner's manual for detailed towing instructions.

2.5i Sedan  
 2.5i Sport Wagon  
 Outback Sport  
 WRX Sedan  
 WRX Sport Wagon

### Safety and Security

•	•	•	•	•	Airbags (SRS): Driver and front passenger, dual-stage deployment
•	•	•	•	•	Airbags (SRS): Driver's seat position sensor
•	•	•	•	•	Airbags (SRS): Passenger occupant detection system with on/off indication
•	•	•	•	•	Airbags (SRS): Front seat side-impact with head and chest protection
•	•	•	•	•	Brake pedal: Collapsible, passive safety type
•	•	•	•	•	Child safety: Rear door locking system
•	•	•	•	•	Child safety: Rear seat ISO-FIX/LATCH anchor system
•	•	•	-	-	Head restraints (front): Height adjustable, passive safety type
-	-	-	•	•	Head restraints (front): Integrated
•	-	-	•	-	Head restraints (rear): Integrated
-	•	•	-	•	Head restraints (rear): Removable and adjustable
•	•	•	•	•	Seatbelts (front): 3-point with pretensioners and load limiters (ELR)
•	•	•	•	•	Seatbelts (front): Height adjustable shoulder belt anchors
•	•	•	•	•	Seatbelts (rear): 3-point, all seating positions (ALR/ELR)
•	•	•	•	•	Seatbelts (rear): Height adjustable outboard shoulder belt anchors
•	•	•	•	•	Security: Anti-theft system
-	-	-	•	•	Security: Engine immobilizer
•	•	•	•	•	Security: Keyless entry system with panic alarm
•	•	•	•	•	Steering column: Collapsible
•	•	•	•	•	Structure: Dual, side-impact door beams (front & rear)
•	•	•	•	•	Structure: Energy-absorbing crumple zones (front & rear)
•	•	•	•	•	Structure: Hydroformed front subframe
•	•	•	•	•	Structure: Ring-shaped reinforcement frame
•	-	-	-	-	Trunk: Internal safety release with self-illuminating handle

### Seating and Trim

•	•	•	-	-	Floor mats: "Impreza" embroidered
-	-	-	•	•	Floor mats: "WRX" embroidered
-	-	-	-	-	Interior: Graphite grey tricot cloth upholstery (two-tone)
•	•	-	•	•	Interior: Anthracite black woven cloth with grey side bolsters
5	5	5	5	5	Seating capacity
•	•	•	•	•	Seat (driver's): 6-way manual adjustable
•	•	•	•	•	Seat (front): Passenger, 4-way manual adjustable
-	-	•	•	•	Seats (front): Heated with high/low setting
•	•	•	-	-	Seats (front): Reclining bucket type
-	-	-	•	•	Seats (front): Semi-bucket, rally sport type
•	•	•	•	•	Seats (rear): Contoured bench
•	-	-	-	-	Seats (rear): Folding centre armrest with trunk pass-through
-	•	•	-	•	Seats (rear): 60/40-split, flat-folding

2.5i Sedan  
 2.5i Sport Wagon  
 Outback Sport  
 WRX Sedan  
 WRX Sport Wagon

### Exterior

•	•	•	•	•	Body: Anti-corrosion treatment
•	•	•	•	•	Body: Dual-sided galvanized steel
-	-	•	-	-	Bumpers & protective bodyside cladding
•	-	-	•	-	Bumper (front): Sedan type with corner spoilers and side ducts
-	•	•	-	•	Bumper (front): Sport Wagon type with corner spoilers
-	◦	•	-	◦	Bumper (rear): Step pad
•	•	•	-	-	Door mirrors: Power adjustable, foldable & heated (black)
-	-	-	•	•	Door mirrors: Power adjustable, foldable & heated (body colour)
•	•	•	•	•	Doors: Four, body colour handles
•	•	•	-	-	Exhaust: Standard, single outlet muffler
-	-	-	•	•	Exhaust: Turbo type, large single outlet muffler (stainless steel tip)
•	•	-	-	-	Fog lights: Solid covers
◦	◦	•	•	•	Fog lights: Projector beam halogen
•	•	•	•	•	Headlights: Auto-off with ignition switch
•	•	•	•	•	Headlights: Contoured multi-reflector halogen (high beam)
•	•	•	•	•	Headlights: Projector beam halogen (low beam)
•	•	•	•	•	Hood: Aluminum alloy
-	-	-	•	•	Hood: Functional hood scoop for intercooler air flow
-	-	-	•	-	Moonroof: Glass, power tilting and sliding with sunshade (4EAT)
-	-	-	◦	◦	Moonroof: Glass, power tilting and sliding with sunshade (5MT)
-	•	•	-	•	Roof Rack System: Roof rails (black)
-	◦	•	-	•	Roof Rack System: Crossbars (lockable)
-	•	•	•	•	Side moulding: Aerodynamic side ground effects
-	◦	◦	-	◦	Splash guards
◦	-	-	•	-	Spoiler: Low-profile, integrated brake light
-	◦	◦	-	•	Spoiler: Roof-line
•	•	•	•	•	Tire (spare): Compact T135/70 D16 (under cargo area)
•	•	•	-	-	Tires: 205/55 R16 89V Bridgestone Potenza RE92 M+S All-Season
-	-	-	•	•	Tires: 215/45 R17 91W Bridgestone Potenza RE92 M+S All-Season
•	•	-	-	-	Wheels: 16" x 6.5" aluminum alloy, 5-spoke design
-	-	•	-	-	Wheels: 16" x 6.5" aluminum alloy, 7-spoke Outback Sport design
-	-	-	•	•	Wheels: 17" x 7" aluminum alloy, 7-spoke WRX design
•	•	•	•	•	Windows: Tinted
•	•	•	•	•	Windshield: Laminated and tinted
•	•	•	•	•	Window (rear): Defogger with timer
•	•	•	•	•	Wipers (windshield): Variable intermittent with washer
-	•	•	-	•	Wiper (rear window): Fixed intermittent with washer
-	•	•	-	•	Wiper (rear window): De-icer heater

- 2.5i Sedan
- 2.5i Sport Wagon
- Outback Sport
- WRX Sedan
- WRX Sport Wagon

### Audio

•	•	•	-	-	AM/FM/CD
-	-	-	•	•	AM/FM/6CD Premium audio system
•	•	•	•	•	Antenna: In-glass integrated
4	4	4	4	4	Speakers (main)
◦	◦	◦	2	2	Speakers: Door tweeters
◦	◦	◦	•	•	Speakers: Premium upgrade
◦	◦	◦	◦	◦	Speakers: Subwoofer

### Controls

•	•	•	•	•	Climate control: Air conditioning
-	-	-	•	•	Climate control: Automatic
•	•	•	•	•	Climate control: Air filtration system
•	•	•	•	•	Cruise control: Steering wheel stalk controls
•	•	•	•	•	Gear selector: Leather-wrapped
•	•	•	-	-	Parking brake: Soft-grip
-	-	-	•	•	Parking brake: Leather-wrapped
•	•	•	•	•	Pedal: Driver's foot rest
-	-	-	•	•	Pedals: Aluminum alloy sport (5MT only)
•	•	•	-	-	Steering wheel: Soft-grip
-	-	-	•	•	Steering wheel: Leather-wrapped
•	•	•	•	•	Steering wheel: Tilt adjustable

### Convenience

•	•	•	•	•	Armrest (front): With console storage
◦	◦	◦	◦	◦	Armrest (front): Extension with storage
•	•	•	•	•	Cup holders (front): Console integrated
•	•	•	•	•	Cup holders (rear): Retractable
•	•	•	•	•	Door locks: Power, remote keyless entry
•	•	•	•	•	Glove box: Lockable and illuminated
•	•	•	•	•	Ignition key ring: Illuminated
•	•	•	•	•	Light: Interior dome with off delay
-	-	•	•	•	Light: Map spotlights
•	•	•	•	•	Power outlet: 12V in dash
•	•	•	•	•	Storage: Coin box
•	•	•	•	•	Storage: Front door compartments
•	•	•	•	•	Storage: Driver and passenger seatback pockets
•	•	•	•	•	Visor: Dual, with mirrors
•	•	•	•	•	Windows (power): Driver's window auto down

- 2.5i Sedan
- 2.5i Sport Wagon
- Outback Sport
- WRX Sedan
- WRX Sport Wagon

### Instruments

•	•	•	•	•	Clock: Digital LED in dash
•	•	•	•	•	Gauges: Analog with red illuminated needles
-	-	-	•	•	Gauges: Sport design
•	•	•	•	•	Instrument panel: Adjustable dash illumination
•	•	•	•	-	Instrument panel: Automatic transmission gear position indicator (4EAT)
•	•	•	•	•	Instrument panel: Coolant temperature gauge
•	•	•	•	•	Instrument panel: Fuel gauge with low fuel warning light
•	•	•	•	•	Instrument panel: Outside temperature display
•	•	•	•	•	Odometer: Digital, dual trip modes
•	•	•	•	•	Speedometer: Electronically controlled analog
•	•	•	-	-	Tachometer: 8000RPM maximum
-	-	-	•	•	Tachometer: 9000RPM maximum, centre mounted
•	•	•	•	•	Warning lights: ABS, airbag, brake fluid, oil pressure, check engine, door ajar

- standard
- accessory
- not available

### Cargo

-	•	•	-	•	Cargo area: Gear bars
-	◦	•	-	•	Cargo tray/protective mat
-	-	•	-	•	Cargo tie down hooks
-	•	•	-	•	Grocery bag hook
•	-	•	•	•	Light: Cargo area
-	-	•	-	-	Power outlet: 12V
•	-	-	•	-	Remote trunk release, floor mounted
-	◦	•	-	•	Retractable cargo cover
-	-	-	-	•	Storage: Sub-floor tray

### Warranties

3 years / 60,000 km "bumper-to-bumper" no deductible limited warranty

5 years / 100,000 km major components and powertrain

3 years / unlimited km CAA roadside assistance

See warranty book for details and limitations.

# SUBARU

## PROTECTION PLAN

### 3

LEVELS OF  
COVERAGE

- Powertrain CARE
- Major CARE
- Complete CARE

The only extended service contract backed by Subaru. See your dealer for details.

# IMPREZA WRX STI

- standard
- accessory

## Engine

### Impreza WRX STI Sedan

Type	2.5L Dual Overhead Cam (DOHC), 16-valve, horizontally-opposed, 4-cylinder SUBARU BOXER engine with high boost turbocharger and STI large type intercooler with manual water spray, Electronic Throttle Control and Active Valve Control System
Power	300 hp @ 6,000 rpm
Torque	300 lb-ft @ 4,000 rpm
	Meets Low Emission Vehicle (LEV1) standards

## Transmission and Drivetrain

Manual Transmission	6-speed manual transmission (6MT) AWD type: Driver Controlled Centre Differential (DCCD) with manual and automatic mode and cam-type mechanical limited-slip differential
Drivetrain	Subaru symmetrical full-time All-Wheel Drive system Helical-type limited-slip front differential Mechanical-type limited-slip rear differential

## Measurements

Fuel economy: Manual transmission (City/Hwy) (L/100km)	13.4 / 9.1
Recommended minimum octane (AKI)	93
Fuel tank capacity (L)	60
Curb weight: Manual transmission (kg)	1520
Towing capacity: Maximum weight (kg) with trailer brakes <sup>†</sup>	906
Length (mm)	4465
Width (mm) with mirrors	2082
Height (mm)	1430
Wheelbase (mm)	2540
Minimum ground clearance (at curb weight) (mm)	145
Headroom: Front/Rear (mm)	980/932
Legroom: Front/Rear (mm)	1090/838
EPA interior volume (L)	2479
Cargo area: EPA trunk volume (L)	311

<sup>†</sup>See owner's manual for detailed towing instructions.

## Seating and Trim

- Floor mats: "STI" Embroidered
  - Interior: Blue Alcantara® with knit seat bolsters and STI logo seatbacks
  - Interior: STI Blue carpet
- ### 5 Seating capacity
- Seat (driver's): 6-way manual adjustable
  - Seats (front): Heated with high/low setting
  - Seats (front): Semi-bucket, rally sport type
  - Seats (rear): Contoured bench
  - Seats (rear): Folding centre armrest with trunk pass-through

## Chassis

Suspension	4-wheel fully-independent STI sport-tuned Front: Inverted strut with aluminum alloy lower L-arm and crossmember stiffner bar Rear: Inverted strut with parallel link and crossmember stiffner plates
Brakes	Power-assisted, dual-diagonal system Brembo® high performance brake system Super Sport ABS 4-channel/5-sensor/4-wheel and single g-load sensor Front: Ventilated discs (323 x 30 mm), 4-piston calipers Rear: Ventilated discs (313 x 20 mm), 2-piston calipers
Steering	Engine speed sensitive, quick-ratio power-assisted rack and pinion 11.4 m minimum turning circle (curb-to-curb)

## Exterior

- Body: Anti-corrosion treatment
- Body: Dual-sided galvanized steel
- Body: Rear wheel arch protector
- Body: Rear aerodynamic defuser
- Body: Under body aerodynamic covers
- Bumper (front): Sedan type with corner spoilers and side ducts
- Door mirrors: Power adjustable, foldable & heated (body colour)
- Doors: Four, body colour handles
- Exhaust: STI performance turbo type, STI muffler (stainless sport type tip)
  - Fog lights: Projector beam halogen
- Fog lights: Solid covers
- Headlights: Auto-off with ignition switch
- Headlights: Projector beam Xenon High Intensity Discharge (HID) (low beam)
- Headlights: Contour multi-reflector halogen (high beam)
- Hood: Functional hood scoop for intercooler air flow
- Side moulding: Aerodynamic side ground effects
- Spoiler: Roof vane
- Spoiler: Dual element WRC box-type, integrated brake light
- Tire (spare): Compact T135/70 D17 (under cargo area)
- Tires: 225/45 R17 90W Bridgestone Potenza RE070 Summer Uni-Directional<sup>++</sup>
- Wheels: 17" x 8" BBS forged lightweight aluminum alloy
- Windows: Tinted
- Windshield: Laminated and tinted
- Window (rear): Defogger with timer
- Wipers (windshield): Variable intermittent with washer

<sup>++</sup>The Impreza WRX STI summer tires are high-speed capability tires best suited for highway driving under dry conditions. Summer tires are inadequate for driving on slippery roads such as on snow-covered or icy roads. If you drive your vehicle on snow covered or icy roads we strongly recommend the use of winter (snow) tires. When installing snow tires be sure to replace all four tires. Please see owner's manual for details.

- standard
- accessory

WRX STI

## Safety and Security

- Airbags (SRS): Driver and front passenger, dual-stage deployment
- Airbags (SRS): Driver's seat position sensor
- Airbags (SRS): Passenger occupant detection system with on/off indication
- Airbags (SRS): Front seat side-impact with head and chest protection
- Brake pedal: Collapsible, passive safety type
- Child safety: Rear door locking system
- Child safety: Rear seat ISO-FIX/LATCH anchor system
- Head restraints (front & rear): Integrated
- Seatbelts (front): 3-point with pretensioners and load limiters (ELR)
- Seatbelts (front): Height adjustable shoulder belt anchors
- Seatbelts (rear): 3-point, all seating positions (ALR/ELR)
- Seatbelts (rear): Height adjustable outboard shoulder belt anchors
- Security: Anti-theft system and engine immobilizer
- Security: Keyless entry system with panic alarm
- Steering column: Collapsible
- Structure: Dual, side-impact door beams (front & rear)
- Structure: Energy-absorbing crumple zones (front & rear)
- Structure: Hydroformed front subframe
- Structure: Ring-shaped reinforcement frame
- Trunk: Internal safety release with self-illuminating handle

## Audio

- AM/FM/6CD Premium audio system
- Antenna: In-glass integrated
- 4 Speakers (main)
- 2 Speakers: Door tweeters
- Speakers: Premium upgrade
- Speakers: Subwoofer

## Controls

- Climate control: Air conditioning
- Climate control: Automatic
- Climate control: Air filtration system
- Cruise control: Steering wheel stalk controls
- Gear selector: Leather-wrapped with red stitching
- Parking brake: Leather-wrapped
- Pedal: Driver's foot rest
- Pedals: Aluminum alloy sport
- Shifter boot frame: Silver metallic finish
- Steering wheel: Leather-wrapped with red stitching
- Steering wheel: Tilt adjustable

WRX STI

## Convenience

- Armrest (front): With console storage
- Armrest (front): Extension with storage
- Cup holders (front): Console integrated
- Cup holders (rear): Retractable
- Door locks: Power, remote keyless entry
- Glove box: Lockable and illuminated
- Ignition key ring: Illuminated
- Light: Interior dome with off delay
- Light: Map spotlights
- Power outlet: 12V in dash
- Storage: Coin box
- Storage: Front door compartments
- Storage: Driver and passenger seatback pockets
- Visor: Dual, with mirrors
- Windows (power): Driver's window auto down

## Instruments

- Clock: Digital LED in dash
- Gauges: Analog with red illuminated needles
- Gauges: Electroluminescent
- Gauges: Full needle sweep on start-up
- Gauges: STI gauge package with aluminum trim
- Instrument panel: Adjustable dash illumination
- Instrument panel: Coolant temperature gauge
- Instrument panel: Driver Controlled Centre Differential (DCCD) indicator
- Instrument panel: Fuel gauge with low fuel warning light
- Instrument panel: Outside temperature display
- Odometer: Digital, dual trip modes
- Speedometer: Electronically controlled analog
- Tachometer: 9000RPM maximum, centre mounted with STI logo
- Tachometer: Driver programmable engine revolutions alarm
- Warning lights: Intercooler water spray tank low
- Warning lights: ABS, airbag, brake fluid, oil pressure, check engine, door ajar

## Cargo

- Light: Cargo area
- Intercooler water reservoir (See owners manual for details on use)
- Remote trunk release, floor mounted

The Supplemental Restraint System (SRS airbags) affords the driver and passenger additional protection in some collisions. This system provides supplemental protection only, and seatbelts must be worn in order to avoid injuries to out-of-position occupants upon airbag deployment. The combination of SRS and seatbelts provides the best protection in a serious accident. All illustrations, specifications, features and photographs contained in this brochure are based on product information available at the time of its printing, and may not be completely accurate following its publication. Colours shown may vary due to reproduction variations in the printing process, and some vehicle parts cannot be shown in certain photographs. Subaru Canada, Inc. reserves the right to discontinue or make changes at any time, without notice or incurring obligations, to colours, materials, equipment, accessories, features, specifications and models, or to change their prices. Some models shown may be from international markets and are not available in Canada, or they may be shown with equipment or accessories which are optional (at extra cost) or only available in certain combinations, or they may be subject to product delays or not be available in Canada. Please visit our Web site for the latest information and specifications. For complete details on product updates, warranties or the Subaru C.A.R.E. program, please contact your Subaru Dealer. Subaru, Impreza, WRX STI, SUBARU BOXER, Subaru C.A.R.E. and Subaru C.A.R.E. Customer Assistance for Roadside Emergencies are registered trademarks. Printed in Canada. © 2005 Subaru Canada, Inc. 2006 Impreza model year.