



## STI PERFORMANCE PARTS



FORESTER (SH)

# STI PERFORMANCE PARTS

## Chassis/Body



### FLEXIBLE TOWER BAR F

SG517SC101

This is a strut tower bar with a completely new concept - splitting an aluminum tower bar in the center and connecting the two pieces with pillow ball joints. As the left and right pieces are flexibly connected, the bar can moderately handle longitudinal forces such as from gaps on the road to maintain ride comfort while strongly holding against lateral forces during cornering. As a result, not only cornering performance but also straight-line stability and ride comfort is improved to enhance the comprehensive performance level of the car.



### SUPPORT F KIT

ST20106ZR000

This STI original sports performance part improves stability when cornering, and also fast and responsive steering performance with comfort ride.

\* Be aware that installing any stiffening (chassis reinforcement) parts other than the above combination will prevent this product from achieving its full performance.

\* While each part can be purchasing individually, we recommend installing the package.

\* Specialized for turbo vehicles.



### FLEXIBLE SUPPORT R

ST20156PF000

A pillow ball bush mounted to the central part of the support plate which connects the sub-frame and body ensures that the necessary amount of power is transmitted to the rear wheels without delay, and at the same time blocks any unnecessary force input. This design improves the responsiveness and grip of the rear wheels, and increases roll rigidity, resulting in a more stable control and comfortable ride.

\*This product was designed to be used in combination with a flexible draw stiffener rear. The installation of the already available flexible tower bar and support front kit optimizes the front and rear balance, and ensures a robust and smooth ride.



## STI PERFORMANCE PARTS

### Chassis/Body



#### FLEXIBLE DRAW STIFFENER R

ST20168ZR000

This STI original sports performance part applies moderate tension between the vehicle body and cross member to prevent the chassis from bending when you drive the vehicle. This results in agile and responsive initial steering, as well as a comfortable ride. The vehicle will boast better grip on all four wheels, improved stability when cornering, and also fast and responsive steering performance.

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## Suspension

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### STRUT F RH

ST20310PF000  
ST20310PF010

Based on the key concept of "actively enjoying driving in a tall FORESTER", we found the best match of coil spring specifications and damping performance for a thorough driving experience, to set the spring constant and damping force. The front strut uses the tried-and-trusted inverted form for a high level of rigidity, and lowers the vehicle height approximately 15 mm. These synergistic effects allow the strong and flexible driving proposed by STI for both good handling and riding comfort. In particular, convergence of judder of the car body is increased when entering a corner for highly-reliable roll characteristics, allowing a comfortable riding experience for all passengers, including those in the rear seat.

\* Two of each of the following are required: shock absorber (R), coil spring (F)/(R).

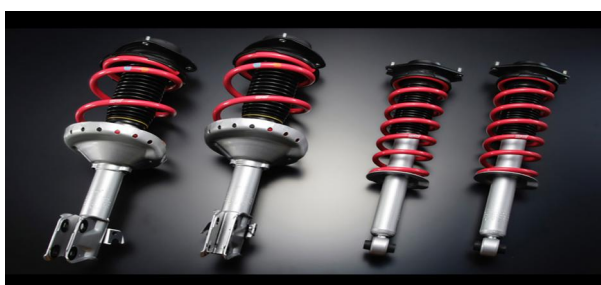
\* The use of this kit first requires a total tuning and then installation as a damper kit. Installation of individual parts only will not achieve the performance proposed by STI. It is recommended that the entire kit be installed all at once.

\* To install this product, 2 dust covers (20322AC000) sold separately for the genuine SUBARU CORPORATION strut (F) are required. Accessories such as strut mounts can be reused.



### SHOCK ABSORBER R

ST20365PF000



### COIL SPRING F

ST20330PF000

Based on the key concept of "actively enjoying driving in a tall FORESTER", we found the best match of coil spring specifications and damping performance for a thorough driving experience, to set the spring constant and damping force. The front strut uses the tried-and-trusted inverted form for a high level of rigidity, and lowers the vehicle height approximately 15 mm. These synergistic effects allow the strong and flexible driving proposed by STI for both good handling and riding comfort. In particular, convergence of judder of the car body is increased when entering a corner for highly-reliable roll characteristics, allowing a comfortable riding experience for all passengers, including those in the rear seat.

\* Please be aware that each vehicle requires two units in both the front and the rear.

\* The use of this kit first requires a total tuning and then installation as a damper kit. Installation of individual parts only will not achieve the performance proposed by STI. It is recommended that the entire kit be installed all at once.

\* Accessories such as strut mounts will be reused.

\* Picture for illustrative purposes only.

## Suspension



## COIL SPRING R

ST20380PF000

Based on the key concept of "actively enjoying driving in a tall FORESTER", we found the best match of coil spring specifications and damping performance for a thorough driving experience, to set the spring constant and damping force. The front strut uses the tried-and-trusted inverted form for a high level of rigidity, and lowers the vehicle height approximately 15 mm. These synergistic effects allow the strong and flexible driving proposed by STI for both good handling and riding comfort. In particular, convergence of judder of the car body is increased when entering a corner for highly-reliable roll characteristics, allowing a comfortable riding experience for all passengers, including those in the rear seat.

\* Picture for illustrative purposes only.

## STI PERFORMANCE PARTS

### Wheel



#### WHEEL SET 17inch(SILVER/GUN METALLIC/BLACK)

ST28100MF050 PT Silver 17x7.5J+48 PCD100 5HOLE  
 ST28100MF060 GUNMETALLIC 17x7.5J+48 PCD100 5HOLE  
 ST28100MF080 BLACK 17x7.5J+48 PCD100 5HOLE

These cast aluminum wheels were made using the spinning production process to form the shape of the rims. This ensures a reduced weight with increased rigidity. Their design with 15 straight spokes perfectly matches the Forester/SUBARU BRZ body design and its colours.

\* The spinning process is a special method for producing aluminum wheels. It involves rapidly rotating the workpiece and pressing it until it conforms to the desired shape. This causes the aluminum molecules to be in close contact with each other, increasing strength while reducing weight and thickness.

\* Compatible with Brembo 4POT calipers



#### STI VALVE CAP SET(Black)

ST28102Z2000 Black

These wheel valve caps are light weight with a design that features a knurled finish on machined aluminum to prevent slippage. Remove the standard valve caps to install these. A black alumite treatment has been applied to the surfaces of these valve caps to improve resistance to weather and match the color of aluminum wheels. The hexagonal heads of the valve caps have rounded tops, and a cherry red STI logo is stamped on the embossed area.

- 4-piece Set
- Black Alumite Treatment

\*When storing tires and wheels, we recommend that valve caps be stored separately to prevent sticking.



#### STI VALVE CAP SET

ST28102ST030 Silver

These wheel valve caps are light weight with a design that features a knurled finish on machined aluminum to prevent slippage. Remove the standard valve caps to install these. A silver alumite treatment has been applied to the surfaces of these valve caps to improve resistance to weather and match the color of aluminum wheels. The hexagonal heads of the valve caps have rounded tops, and a cherry red STI logo is stamped on the embossed area.

- 4-piece Set
- Silver Alumite Treatment

\*When storing tires and wheels, we recommend that valve caps be stored separately to prevent sticking.

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**Wheel**

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**SECURITY WHEEL NUT SET**

ST28170ST060 GUN METALLIC

Set of 16 lug nuts and 4 lock nuts. Enhanced security with a more reliable locking mechanism. 3-layer nickel plated hard steel, with chrome finish to prevent rust. Gun metal finish with laser engraved STI logo. Special tool included (McGuard). M12x1.25mm



# STI PERFORMANCE PARTS

## Aero/Exterior



### F SPOILER

ST96020PF010 Satin White  
ST96020PF020 Obsidian Black  
ST96020PF030 Steel Silver

The front under spoiler provides stability and contributes to better road-holding abilities in the front tyres at high speed by controlling airflow from the front and generating down force. As well as offering exceptional performance capabilities verified through repeated tests in a wind tunnel, the spoiler also has a stylish design which fits smoothly with the front bumper. Fitted together with the "Rear Under Spoiler" already on sale, this product can realize optimal aerodynamic balance between the front and rear, as recommended by STI.

\* This product cannot be installed along with the SUBARU genuine rear bumper skirt and/or rear under guard.



### F SPOILER (NON-COLOR)

ST96020PF040

The front under spoiler provides stability and contributes to better road-holding abilities in the front tyres at high speed by controlling airflow from the front and generating down force. As well as offering exceptional performance capabilities verified through repeated tests in a wind tunnel, the spoiler also has a stylish design which fits smoothly with the front bumper. Fitted together with the "Rear Under Spoiler" already on sale, this product can realize optimal aerodynamic balance between the front and rear, as recommended by STI.

\* This product cannot be installed along with the SUBARU genuine rear bumper skirt and/or rear under guard.



### REAR UNDER SPOILER

ST96050PF050

This Rear Under Spoiler has been developed primarily to improve rear traction and handling stability. The specifications for these parts were determined from data acquired at the Nuerburgring 24-hour race and during rigorous driving tests, and wind tunnel testing on actual cars has confirmed that air flow is rectified around the rear of the car to generate an effective down force. Further, these parts are designed to be independent from the bumper and therefore appear to be floating in midair, providing not only functionality but also an attractive appearance. ABS, with Gun metallic Coating

[Package]

Front under spoiler

Rear under spoiler

\* This product cannot be installed along with the SUBARU genuine rear bumper skirt and/or rear under guard.



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**STI** STI PERFORMANCE PARTS

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**Aero/Exterior**

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**FRONT UNDER SPOILER**

ST96020SF150 (E2410SG100NN) NON COLOUR

The spoiler rectifies the air flow passing around and below the front bumper, generating downforce. This product contributes to improving stability during high-speed cornering, with a form that was designed based on repeated wind tunnel testing. Comes with a semi-glossy black painted finish. The STI emblem is in the center.

## Brake

**BRAKE PAD SET F**

ST26296ST000

These high-performance, asbestos-free brake pads for street use provide a good balance of the characteristics required of brake pads, such as rigid and strong pedal action, superior fade resistance, and comfort, to match the rank and performance of the FORESTER.

\*Some judder (vibration of the car body) and noise will occur when braking, due to the coefficient of friction and heat resistance properties of the friction material that is used. Wear on the pads and rotors might occur slightly faster than normal.

**BRAKE PAD SET R**

ST26296ST010

These high-performance, asbestos-free brake pads for street use provide a good balance of the characteristics required of brake pads, such as rigid and strong pedal action, superior fade resistance, and comfort, to match the rank and performance of the FORESTER.

\*Some judder (vibration of the car body) and noise will occur when braking, due to the coefficient of friction and heat resistance properties of the friction material that is used. Wear on the pads and rotors might occur slightly faster than normal.

# STI PERFORMANCE PARTS

## Engine/Transmission



### RADIATOR CAP

ST45137ST001

Opening value pressure changed from 108kPa(0.108MPa) standard value to 130kPa(0.13MPa). This radiator cap reduces the risk of overflow caused by the thermal expansion of coolant water even under severe conditions such as sports driving or circuit driving. Opening valve pressure unit changed from 'bar' to 'Mpa'.

\* When replacing this product, pay careful attention to leakage of water from the piping, and be sure to inspect the coolant water at the start of work.



### GEAR SHIFT LEVER ASSY 5MT

ST35010PF000

Changes to the lever ratio and joint areas have allowed an approximately 20% reduction in shift stroke in both front and rear directions, for faster shifting operation and a rigid, direct shift feeling.



### AIR CLEANER ELEMENT

ST1654621010

Non-woven fabric with a low airflow resistance is used as the filter medium, to which mesh is applied to increase rigidity. This prevents the filter medium from falling over or becoming deformed even at high engine speeds, for improved response and increased reliability during sports driving. In addition, the blue color of the filter medium combined with the red color of the resin frame provides an overall sporty appearance.

\* Use of this product with non-compatible models could cause engine trouble and/or damage.

\* Damage to the air flow meter due to replacement with this product may not be covered by the warranty for genuine products.

# STI PERFORMANCE PARTS

## Engine/Transmission



### OIL FILLER CAP

ST15257ZR011

This oil filler cap consists of a die-cast aluminum base that has been machined, and given a stylish resin cover. Shape of the cap has been specially designed to allow for use even when wearing work gloves.

For times when the cap is difficult to remove, it contains special service holes under the resin cover that allow you to use the on-board wheel wrench to loosen the cap when it is too tight to do so by hand. The silver aluminum base with embossed black cap showing the cherry red STI logo adds "functional beauty" to the engine compartment.

\* A gasket is not included. Please use the one attached to the filler cap you removed. If using a new gasket, be sure to use a genuine product for the corresponding model.

\* If this product is installed on non-compatible models, there is the risk of deformation in the oil filler neck.

\* The logo may not face the front.

\* After installation, please ensure that this part does not come into contact with any surrounding components.



### PERFORMANCE OIL FILTER

ST15208ST010

This is an oil filter with enhanced performance thanks to an increased filtration area of 15% compared with a conventional product. With dedicated materials to improve its particle collection performance, this filter also captures fine particles such as carbon and reduces pressure loss by 10%. With the resulting reduced pump loss, this filter is compatible with high viscosity oil, providing stable performance not only on roads but also on the circuit track. It is painted cherry red and features the STI logo.



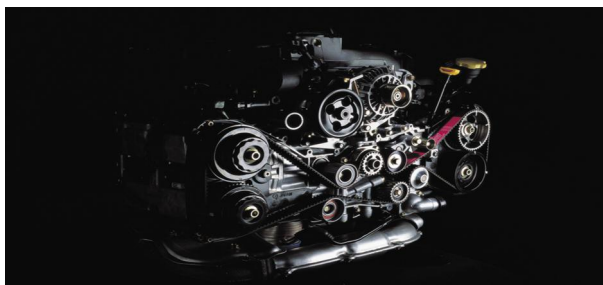
### V-BELT ALT 882mm

ST08092ST010

For alternator/power steering sides. By changing the rubber material of the belts, 85degree high-temperature reverse bent resistance increased greater than twice, -35degree low-temperature resistance greater than ten times (based on our measurements). STI logo in 2 locations on the back of belts.

\* Alternator/power steering side 882 mm, 5 ribs.

## Engine/Transmission

**TIMING BELT**

ST130284S000 EJ Engine

Specialized for EJ20 boxer DOHC engines. This product is developed based on motor sports specifications, and uses the same materials as for Impreza WR cars that participate in the World Rally Championship (WRC). Improvements have been made in heat resistance and strength against tooth slippage, to control belt elongation. Reinforced, for racing.

\*Belt noise might be produced.

\*This product requires a V belt for the A/C compressor (SUBARU genuine part for each vehicle).

\*Although this product has been developed primarily for motorsports, it can also be used for street driving.

## STI PERFORMANCE PARTS

### Interior/Others



#### SHIFT KNOB (5MT LEATHER/ALLOY)

SG117FG015

This premium shift knob features a combination of aluminum and dimpled genuine leather. An optimal balance of materials, form, and weight has been selected with consideration for operational feel.

\* The shift knob may become hot/cold from exposure to direct sunlight or fluctuations in temperature. The use of driving gloves is recommended.



#### PEDAL PAD SET (AT)

SG317FG001 Besides Aluminum Pedal

These pedals are equipped with rubber pads and non-slip sheets to prevent slipping. Their shape makes the pedals comfortable to operate.

\* This product cannot be installed on vehicles equipped with sports pedals with aluminum pads.



#### PEDAL PAD SET (MT)

SG317FG011 Besides Aluminum Pedal

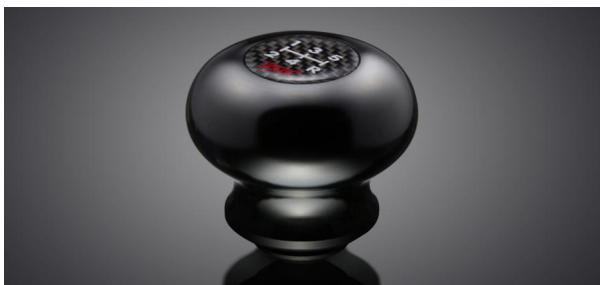
These pedals are equipped with rubber pads and non-slip sheets to prevent slipping. Their shape makes the pedals comfortable to operate.

\* This product cannot be installed on vehicles equipped with sports pedals with aluminum pads.



# STI PERFORMANCE PARTS

## Interior/Others



### SHIFT KNOB DURACON 5MT

ST35022ST282 5MT

\* Duracon (R) is a registered trademark of Polyplastics Co., Ltd. in Japan and other countries.

\* The shift knob may become hot/cold from exposure to direct sunlight or fluctuations in temperature. The use of driving gloves is recommended.



### PUSH ENGINE SWITCH

ST83031ST041

Push-button ignition starter switch for models with keyless entry and push-button starter switches. The cherry red button with the STI logo in the center gives the interior a sporty appearance. Cherry red button, with the STI logo in the center.

\* For cars with keyless access and push-button start.



### BATTERY HOLDER

ST82182ST000 CHERRY RED

This unique battery holder has a design motif reminiscent of the flexible tower bar. In addition to securely holding the bulky battery, it also adds an attractive highlight to the engine compartment.

\* This product can be installed in many SUBARU vehicles that use a D-type battery, such as the LEGACY, LEVORG, WRX, IMPREZA, FORESTER, EXIGA, and SUBARU BRZ. Example battery model number: 80D23R (Compatible with batteries with "D" as the third digit.)

\* We recommend installation be carried out by your local SUBARU dealer.

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Interior/Others

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**BATTERY HOLDER(SILVER)**

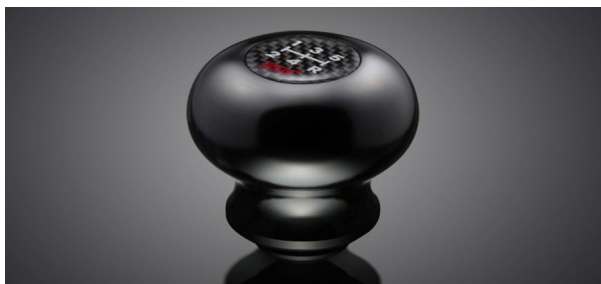
ST82182ST010 SILVER

This unique battery holder has a design motif reminiscent of the flexible tower bar. In addition to securely holding the bulky battery, it also adds an attractive highlight to the engine compartment.

\* This product can be installed in many SUBARU vehicles that use a D-type battery, such as the LEGACY, LEVORG, WRX, IMPREZA, FORESTER, EXIGA, and SUBARU BRZ. Example battery model number: 80D23R (Compatible with batteries with "D" as the third digit.)

\* We recommend installation be carried out by your local SUBARU dealer.

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**SHIFT KNOB DURACON 5MT**

ST35022ST281 5MT

This redesigned shift knob is made from the extremely popular lightweight and tough Duracon(R)\* material. The shape of the knob has been redesigned and refined to ensure reliable response during shifting. The shift pattern on the top has been modified to a carbon-based design to give a more sporty image.

\* Duracon (R) is a registered trademark of Polyplastics Co., Ltd. in Japan and other countries.

\* The shift knob may become hot/cold from exposure to direct sunlight or fluctuations in temperature. The use of driving gloves is recommended.