

BOLT ON TURBO SYSTEM for SWIFT SPORT

Additional Applications



- The stock turbine can be directly replaced by this bolt on turbo charger designed to achieve additional boost for the SWIFT SPORT.
- The highly reliable MHI based turbo charger has been combined with BLITZ original compressor and turbine wheels to create the 3544SWT-200V turbo charger. Developed to efficiently product high boost all the way to red line.
- The BLITZ BOLT-ON TURBO SYSTEM can be ordered along with a specially tuned ECU.
BLITZ TUNING ECU for the BLITZ BOLT-ON TURBO SYSTEM can be acquired free of charge for customers who have already purchased the TUNING ECU.
- Turnbuckle actuator has been utilized to allow adjustments to be made to the initial boost pressure.

Information on Compatible Vehicles

| (Vehicle) | (Model Year) | (Model) | (E/G Model) | (T/M) | (Drive Train) |
|-------------|--------------|---------|--------------|-------|---------------|
| SWIFT SPORT | 17/09- | ZC33S | K14C (Turbo) | 6AT | 2WD |

Product Information

| (Product Name) | (MSRP w/tax) | (MSRP) | (Code No.) | (JAN Code) |
|---|--------------|----------|------------|---------------|
| BOLT ON TURBO SYSTEM ZC33S ※1 | ¥194,400 | ¥180,000 | 10221 | 4959094102212 |
| BOLT ON TURBO SYSTEM ECU U/G SET ZC33S ※2 | ¥194,400 | ¥180,000 | 10222 | 4959094102229 |
| BOLT ON TURBO SYSTEM ECU SET ZC33S ※3 | ¥246,240 | ¥228,000 | 10223 | 4959094102236 |

※1 TURBO Only

※2 For customers who have already purchased the BLITZ TUNING ECU for SWIFT SPORT.

※3 For customers with stock ECU.

BLITZ INFORMATION



3544SWT-200V Turbine



BLITZ TUNING ECU

| Turbo Specifications | | | | | | | |
|----------------------|------------------|------------|------------|------------|--------------|------------|------------|
| MODEL | Capacity (ps) | Comp Wheel | | | Turbin Wheel | | |
| | | trim | In Dia(mm) | Ex Dia(mm) | trim | In Dia(mm) | Ex Dia(mm) |
| Stock | - | 60.1 | 31.0 | 40.0 | 72.4 | 28.5 | 33.5 |
| 3544SWT-200V | 200 | 61.5 | 34.5 | 44.0 | 82.0 | 33.5 | 37.0 |

| ECU entries | Changes |
|------------------------|---------------------------------------|
| Speed Limiter | 180km/h → 280 km/h |
| Rev Limiter | 6000rpm → 6500rpm |
| Maximum Boost | (approx.) 1.0 × 100kPa → 1.2 × 100kPa |
| Boost Control Map | Optimized |
| Boost Solenoid Map | Optimized |
| Air-Fuel Ratio Map | Optimized |
| Ignition Map | Optimized |
| Valve Timing Map | Optimized |
| Torque Control Map | Optimized |
| Cruise Control Limiter | 105km/h → 130km/h ※ |

※115km/h for vehicles equipped with safety package.



※Data has been acquired from in house chassis dynamometer. Output may differ depending on vehicle setup and fuel settings.

Precautions During Installation

- Engine oil and coolant must be removed before installation.

Please prepare stock gaskets, coolant and engine oil in advance.

| Stock Product Number | Product Name | Reference Price (Without Tax) | Required Quantity |
|----------------------|------------------------------------|-------------------------------|-------------------|
| 13955-75F50 | Gasket, Intake Air Pipe | ¥150 | 2 |
| 14181-86P00 | Gasket, Turbo Charger | ¥520 | 1 |
| 14182-86P00 | Gasket, TC Outlet Pipe | ¥1,950 | 1 |
| 09161-10009 | Washer (Oil line) | ¥70 | 4 |
| 13945-86P00 | Gasket, Oil Drain | ¥220 | 1 |
| 09168-12017 | Washer (Water Line) | ¥70 | 4 |
| 99000-24430-100 | SUZUKI Long Life Coolant (Blue) 2L | ¥1,950 | See Below |
| 99000-21A40-036 | SUZUKI ECSTAR F SL 5W-30 3L | ¥3,800 | |

•5.4L of LLC required for MT. 6.9L required for vehicles equipped with BLITZ RACING RADIATOR

•3.1L of engine oil required. 3.3L if the oil filter is being changed.

※ The reference price listed above are from September 30th, 2018.

- Recommended Products

| Product Number | Product Name | Reference Price (Without Tax) | Required Quantity |
|----------------|-------------------------------|-------------------------------|-------------------|
| 14119-86P00 | Stud Bolt (Engine Head) | ¥480 | 2 |
| 09108-08297 | Stud Bolt (Turbo Outlet) | ¥320 | 2 |
| PLUG | NGK RACING PLUG R2556G-8 | ¥4,000 | 4 |
| 17020 | BLITZ RACING OIL S3 5W-30R 4L | ¥9,800 | 1 |
| 17021 | BLITZ RACING OIL S2 5W-30 4L | ¥4,800 | 1 |
| 16510-81420 | SUZUKI Genuine Oil Filter | ¥1,000 | 1 |
| | BLITZ Racing Meter | ¥20,000~ | 1 |

•Driving is possible with stock spark plugs. However, spark plugs with a higher heat range is recommended.

•Stud bolts can be reused from the stock turbo. However we highly recommend them to be replaced.

•Boost meters will become necessary in order to manage boost pressure. We recommend our boost meter to be installed.

※ The reference price listed above are from September 30th, 2018.

- High Octane Gasoline must be used.

- The ECU must be removed and sent to BLITZ headquarters in order to rewrite the BOLT ON TURBO specific data.

It will take approximately 1 week before we can return the ECU.

- By installing this product, the engine output will drastically increase. Therefore we are asking customers to not install any other aftermarket parts which may apply further stress to the vehicle.

- Please contact the support center if you have any further questions.