

## Additional Applications

### BOLT ON TURBO SYSTEM for SWIFT SPORT



- 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	2020/05-	ZC33S	K14C	6AT	2WD

Product Information				
(Product Name)	(MSRP w/tax)	(MSRP)	(Code No.)	(JAN Code)
BOLT ON TURBO SYSTEM ZC33S ※1	¥198,000	¥180,000	10221	4959094102212
BOLT ON TURBO SYSTEM ECU U/G SET ZC33S ※2	¥198,000	¥180,000	10222	4959094102229
BOLT ON TURBO SYSTEM ECU SET ZC33S ※3	¥250,800	¥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 Specification							
MODEL	Capacity (ps)	Comp Wheel			Turbin Wheel		
		trim	In Dia(mm)	Ex Dia(mm)	trim	trim	In 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	
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 30<sup>th</sup>, 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 30<sup>th</sup>, 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.