

# ***V-Strom 1000*** ***ABS***

**Your adventure starts now.**



# Model Selection



Way of Life!

- **2015 DL1000AL5**
  - Colours: Red, black, matte gray, white
  - MSRP: \$12,399
- **2015 DL1000ASEL5**
  - Colours: Red, black, matte gray, white
  - MSRP: \$13,499
  - Includes side cases, hand guards, center stand



# New Engine Design



Way of Life!

- Redesigned (2014) four-stroke, liquid-cooled, DOHC, 1037 cm<sup>3</sup> 90° V-twin engine
- Designed for optimal performance on all kinds of roads that riders encounter during long-distance tours

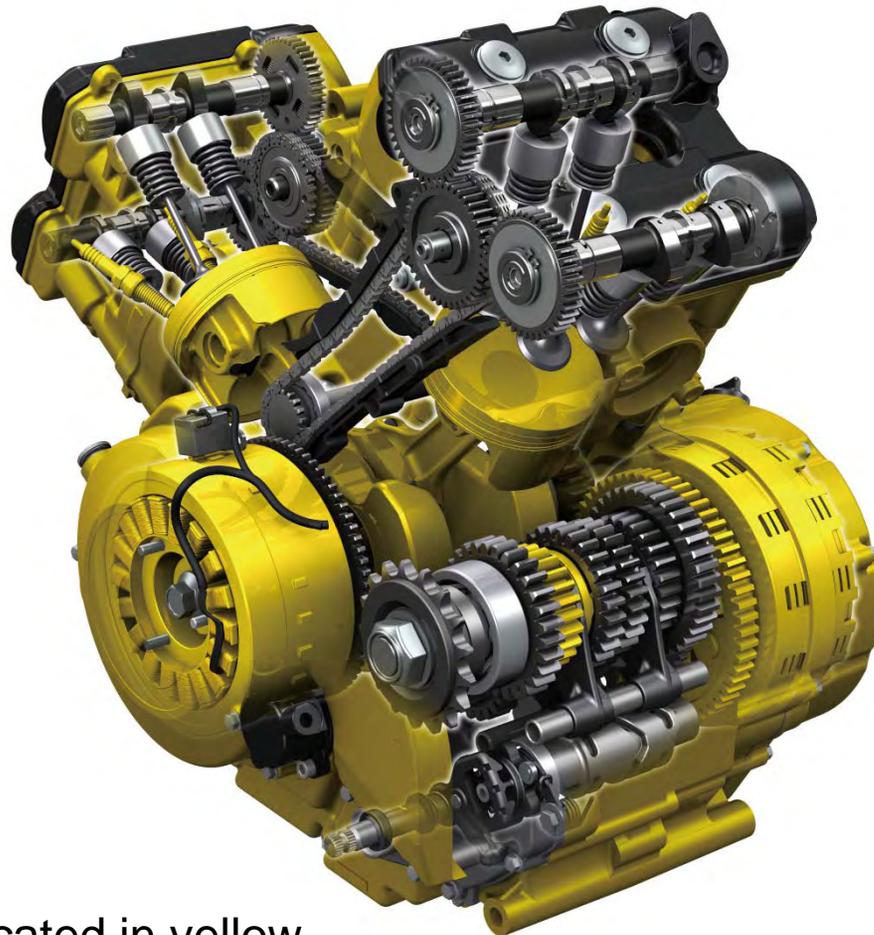


# New Engine Design



Way of Life!

- **Newly designed engine parts\* increase both maximum horsepower and torque compared to previous generation**
  - **Cylinder heads**
  - **Cylinders**
  - **Pistons**
  - **Piston rings**
  - **Piston pins**
  - **Conrods**
  - **Crankshaft**
  - **Flywheel**
  - **Stator**
  - **Clutch**
  - **6<sup>th</sup> gear**
  - **Spark plugs**



\* Parts redesigned in 2014 indicated in yellow

# Pistons & Cylinders



Way of Life!

- **Cylinder bore increased from 98 mm to 100 mm which increases displacement from 996 cm<sup>3</sup> to 1037 cm<sup>3</sup>**
- **Suzuki Composite Electrochemical Material (SCEM) plated cylinders reduce friction and improve heat transfer**
- **New FEM design light weight pistons**
- **Lower friction rings contribute to higher combustion efficiency and improved fuel economy**



# Cylinder Heads



Way of Life!

- **Cylinder heads are redesigned, each with dual Iridium spark plugs (was single spark plug)**
- **In addition, two ignition coils per cylinder enable independent control of ignition timing, resulting in strong low-rpm output and lower emissions**

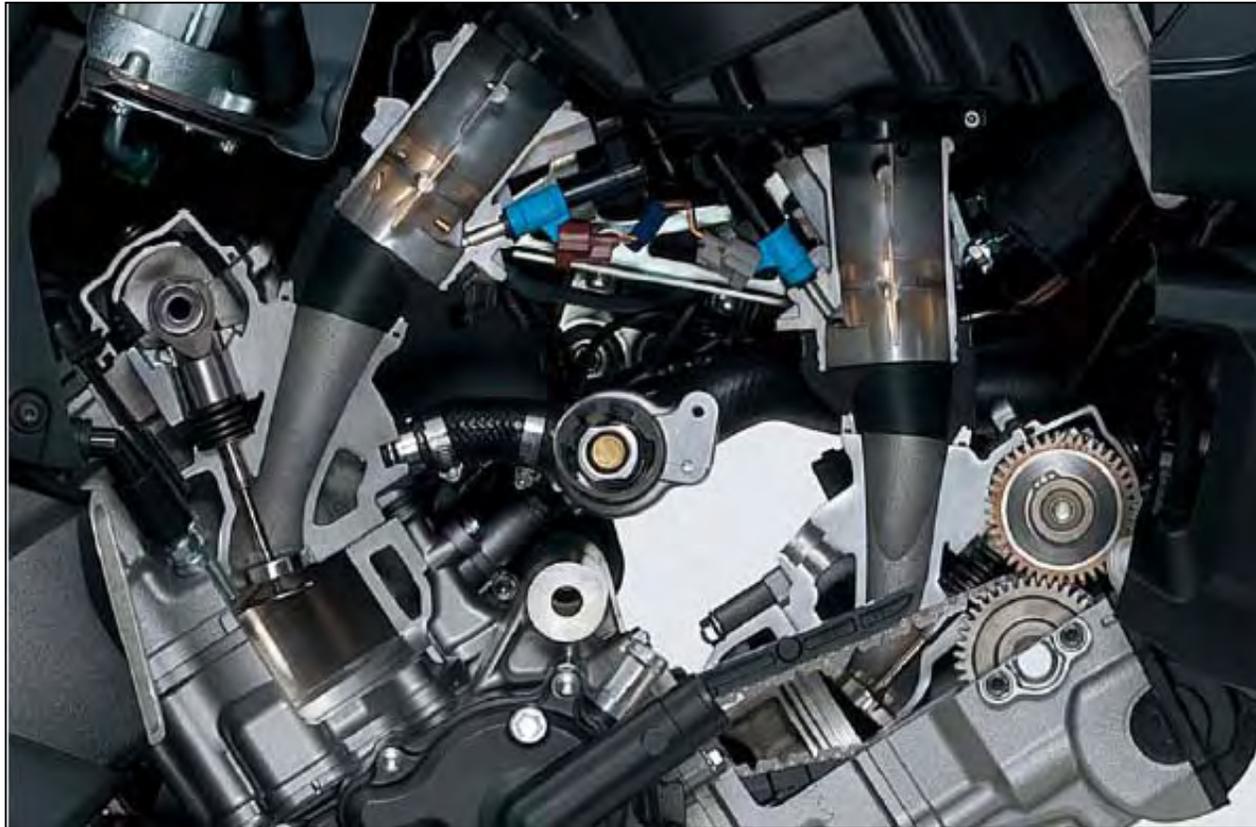


# Fuel Injection System



Way of Life!

- **Suzuki Dual Throttle Valve (SDTV) system with cable and ECM controlled throttle valves enables smooth power delivery and optimal combustion efficiency**

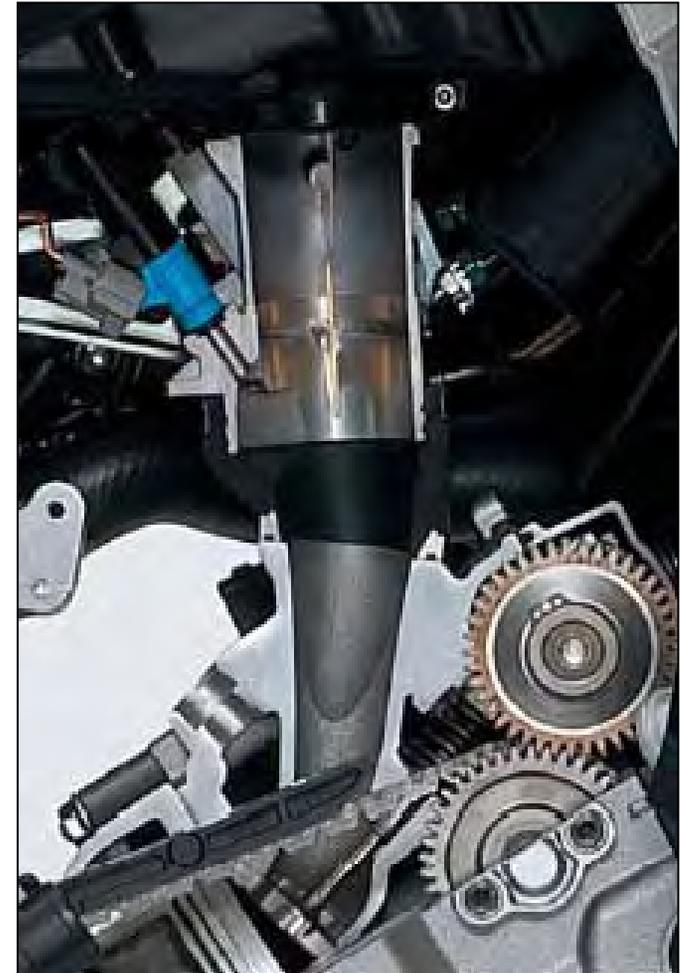


# Fuel Injection System



Way of Life!

- **New 10-hole fuel injectors improve fuel atomization for better combustion efficiency and lower fuel consumption (was 4-hole injectors)**
- **The fuel injection system works with an O<sub>2</sub> feedback system and an intake pressure sensor for optimal combustion efficiency and low emissions**



# Engine Control Module



Way of Life!

- **The new 32-bit ECM (was 16-bit) provides state-of-the-art engine management with optimized settings for better fuel economy and linear throttle response**

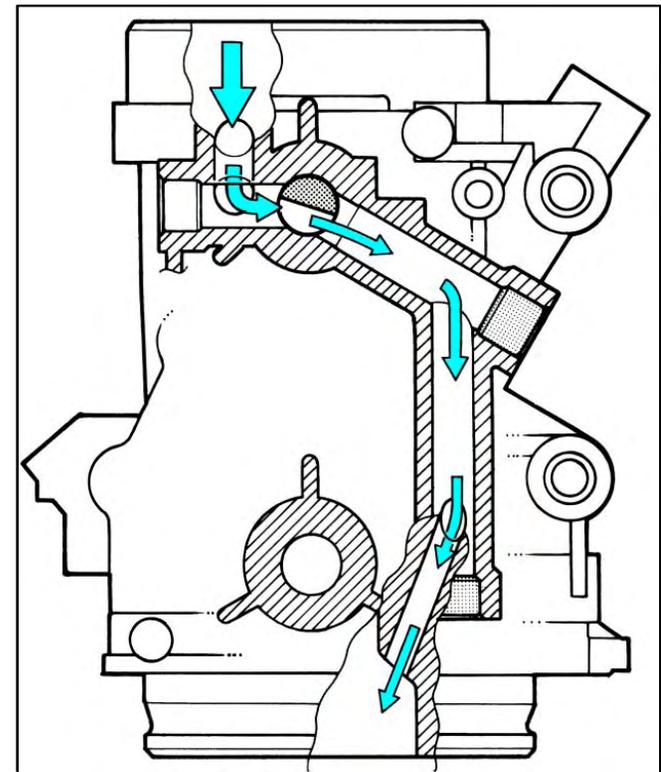


# Idle Speed Control System



Way of Life!

- Throttle body integrated Idle Speed Control (ISC) system contributes to easy cold-starting, stable idling, and lower emissions

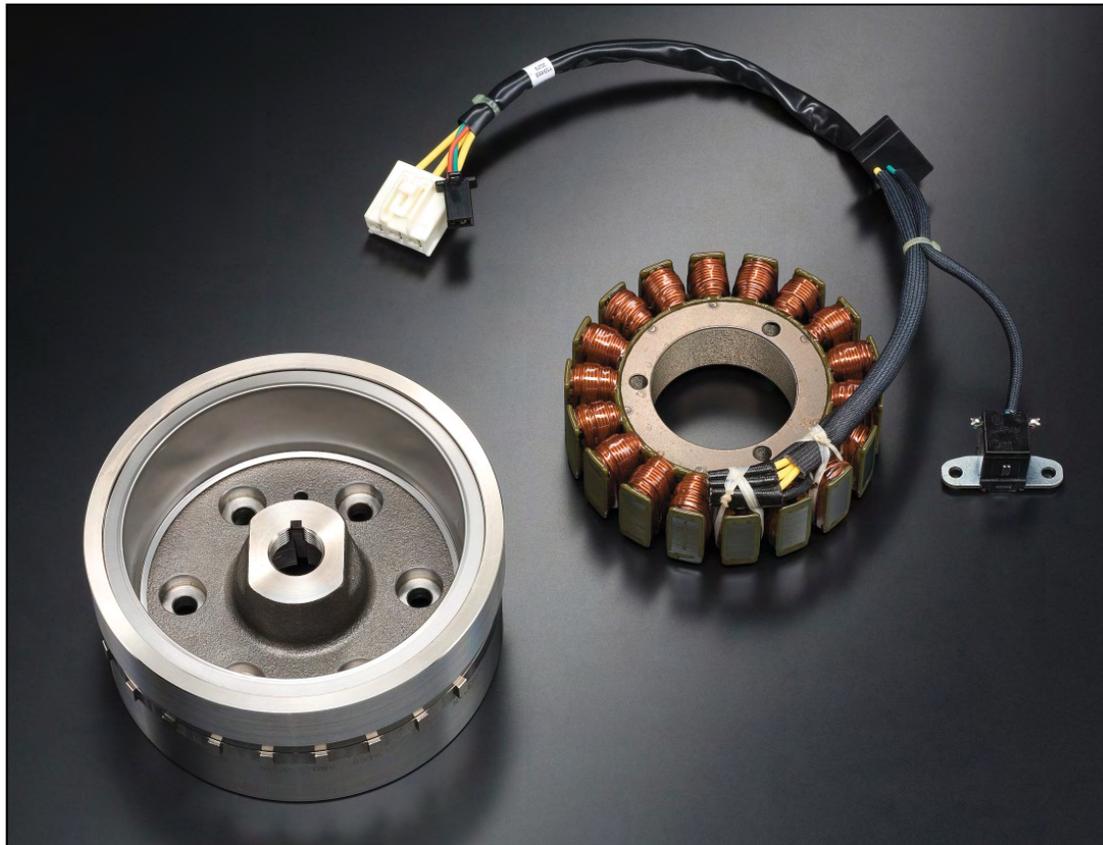


# Charging System



Way of Life!

- **Low loss stator material heightens power generating efficiency for lower mechanical loss and higher output at low and medium range engine speeds**

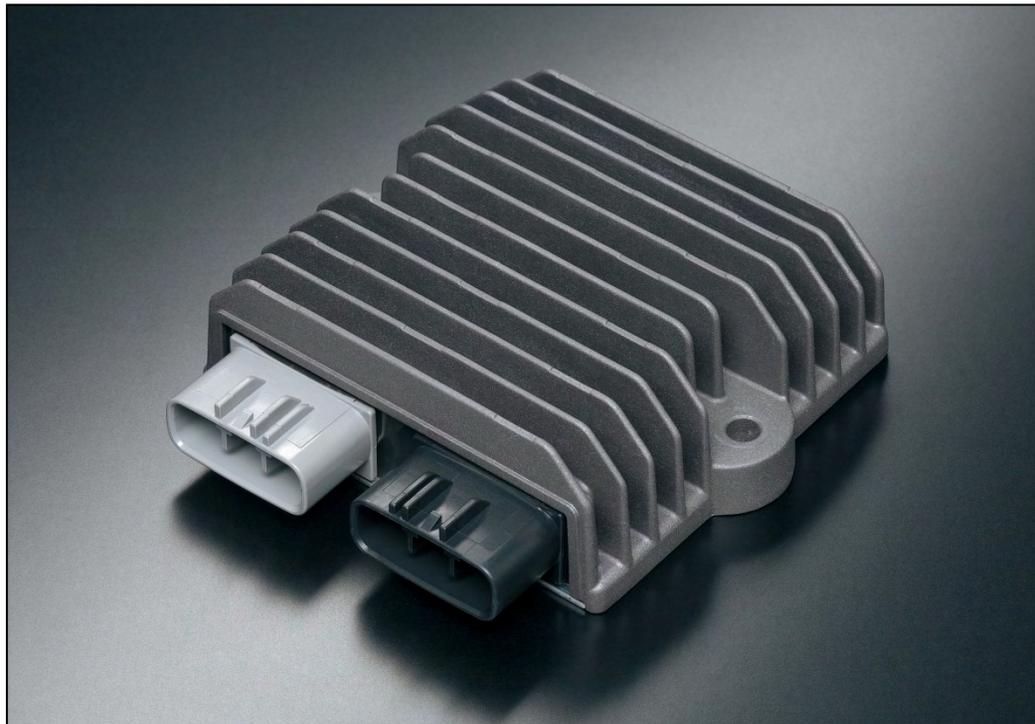


# Charging System



Way of Life!

- **The open-type rectifier disconnects the AC generator when not required to generate electricity**
- **Since the AC generator does not work unnecessarily, mechanical loss is reduced, resulting in higher low and mid range engine torque**

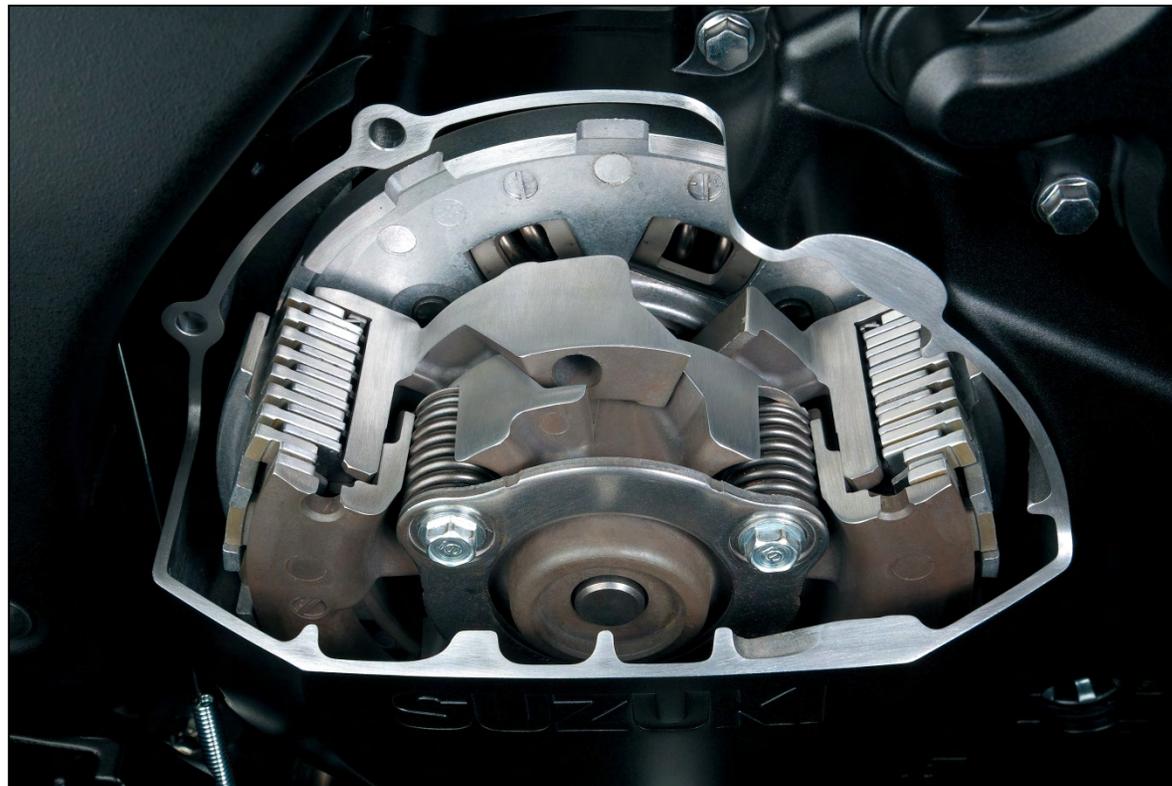


# Suzuki Clutch Assist System



Way of Life!

- **The new Suzuki Clutch Assist System works as a slipper clutch to provide smoother downshifts**
- **The Suzuki Clutch Assist System also works to make the lever 13% easier to squeeze**

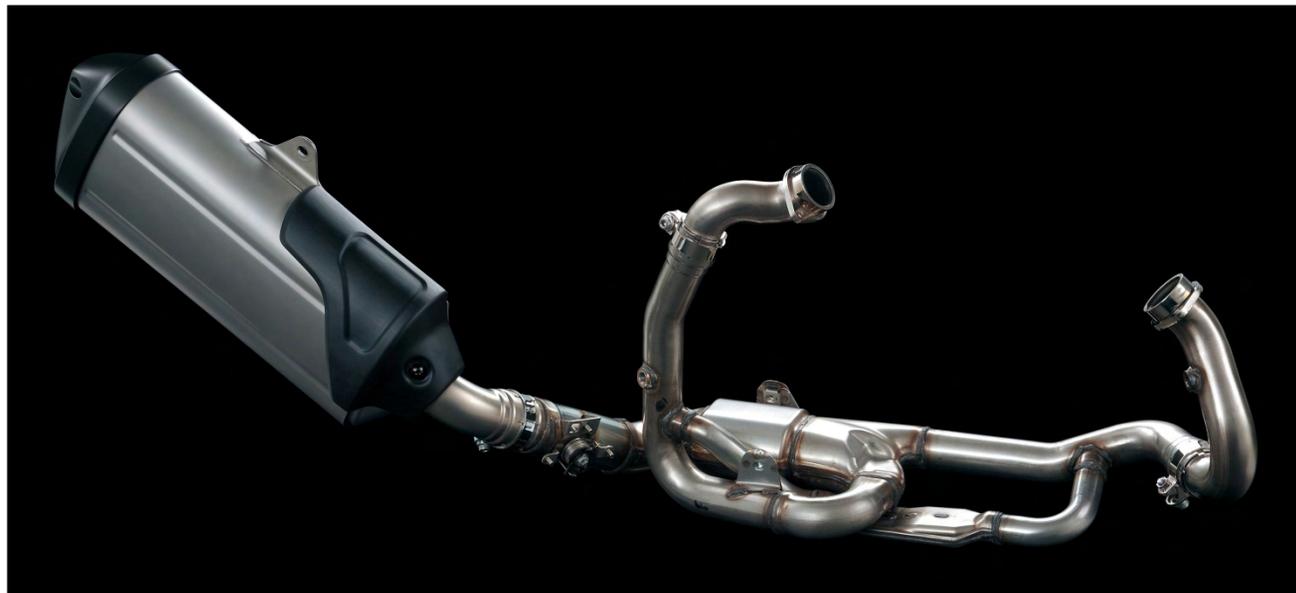


# Exhaust System



Way of Life!

- **The newly designed 2 to 1 exhaust system (replaces 2 to 2 system) provides the following advantages:**
  - 4.7 kg weight reduction
  - Lower center of gravity for better handling and maneuverability
  - Reduced emissions and improved low speed throttle response with Suzuki Exhaust Tuning System
  - Further emissions reduction with catalyzer
  - Optional side bags can be tucked in closer to the motorcycle



# Chassis



Way of Life!

- **The totally redesigned compact, light weight chassis performs optimally on the kinds of roads that riders encounter on long tours**



# Slim Design



Way of Life!

- The seat and fuel tank connection is slim, allowing riders to easily put their feet on the ground when stopped



# Frame



Way of Life!

- **The main aluminum twin spar frame and aluminum sub-frame are totally redesigned with:**
  - **Optimal balance for stability and handling**
  - **Increased stiffness and lighter weight (13% lighter)**



# Adjustable Windscreen



Way of Life!

- Height and angle adjustable windscreen
- Height adjustable range is 15 mm and 30 mm from standard position
- Angle adjustable by hand to 7.5° and 15° from standard position



# Instrument Cluster



Way of Life!

- Analogue tachometer
- A 12v DC outlet is located below the tachometer
- Use the outlet for powering GPS or charging mobile devices



# Instrument Cluster



Way of Life!

- **Brightness adjustable LCD readouts:**
- **Speedometer**
- **Gear position**
- **Tripmeters (2)**
- **Coolant temp.**
- **Ambient temp.**
- **Voltage**
- **Clock**
- **Fuel gauge**
- **Traction control mode selection**
- **Fuel range**
- **Average and instant fuel consumption**



# Instrument Cluster



Way of Life!

- LED indicator lights include:
- Road freeze
- Turn signals
- High beam
- Neutral
- Fuel injection
- ABS
- Traction control (flashes when system is active)
- Water temp.



# Left Handlebar Switch



Way of Life!

- **The SEL and up/down mode buttons on the left handlebar can be used to change between:**
  - **Odometer → Trip1 → Trip2 → Brightness adjustment**
  - **Instant fuel consumption → Average fuel consumption → Calculated riding range with remaining fuel → Battery voltage**
  - **Traction control Mode 1 → Mode 2 → Mode 3**



# Styling



Way of Life!

- A combination of black plastics and aluminum parts emphasizes the tough and functional look
- To emphasize Suzuki's heritage, the bike reflects design cues from the 1988 DR750S, Suzuki's first adventure touring motorcycle
- An adventure touring model with a tough and functional design



# Suspension



Way of Life!

- **New 43 mm KYB inverted front forks provide a sporty yet plush ride in diverse conditions**



Front suspension spring pre-load adjuster and damping force adjuster



Rear suspension remote pre-load adjuster

# Brakes



Way of Life!

- **New Tokico mono-block radial-mount front brake calipers, each with 4 opposed front brake pistons provide strong initial bite**
- **310 mm floating mount dual discs for strong braking performance**



# Traction Control System



Way of Life!

- The traction control system enables the rider to control the throttle with more confidence in diverse riding conditions
- It does this by monitoring various sensors every 4 milliseconds and quickly reducing engine output when it detects wheel spin



# Traction Control System



Way of Life!

- **The rider can select from three modes of traction control**
  - **Mode 1 has lower sensitivity**
  - **Mode 2 allows a certain degree of rear wheel spin**
  - **Mode 3 turns traction control OFF**

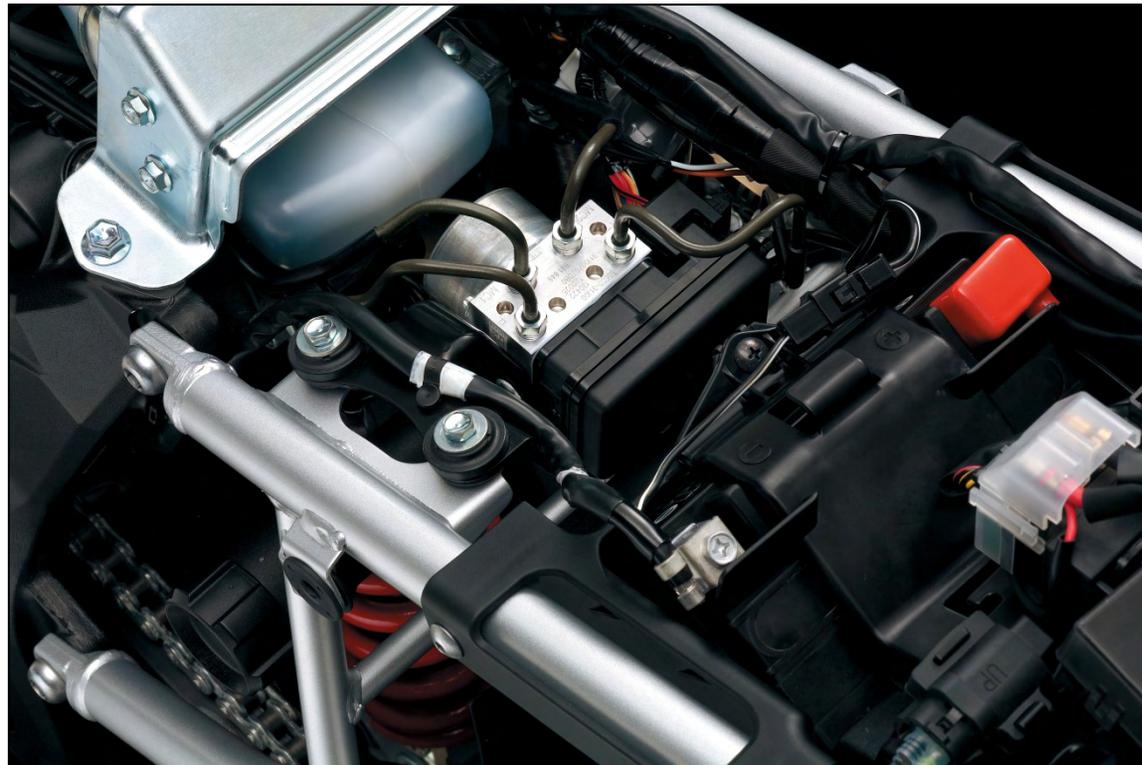


# ABS



Way of Life!

- **The Anti-lock brake system (ABS) monitors wheel speeds 50 times per wheel rotation and matches the stopping power to the available traction**
- **Compact and light weight Bosch ABS control unit**



# Accessories



Way of Life!

- **Three piece luggage system (polyamide, aluminum panels)**
- **Overall width is less than that of the handlebars**
- **35L top, 29L left and 26L right case capacity**
- **Lock and unlock with ignition key**
- **Detachable without tools**



# Accessories



Way of Life!



Tank bag



High seat



Center stand



Low seat

# Accessories



Way of Life!



# Accessories



Way of Life!

Larger windscreen



Aluminum engine guard

Fog lamps



Resin engine guard

GPS bracket

