## ■BRAKE CONTROL SYSTEM ABS with EBD, Brake Assist, A-TRC and VSC System)

- The deceleration sensor that is provided for the brake control system (ABS with EBD, Brake Assist, A-TRC, and VSC system) has been integrated in the yaw rate sensor.
- Information on the steering angle, vehicle speed, and the actual turning angle of the wheels can now be
  exchanged between the skid control ECU and the VGRS ECU, which has been newly added for the VGRS
  (Variable Gear Ratio Steering) system. These pieces of information are used for controlling the VGRS
  system.

## **▶** System Diagram **◄**

Combination Meter Steering Angle Sensor Brake Warning light ABS warning Light VSC/TRAC Warning Light Hydrauric Brake Booster Slip Indicator Light (Including Brake Actuator) VSC OFF Indicator Light A-TRC Operating Indicator Light Warning Buzzer Brake Fluid Level Warning Switch Master Cylinder Pressure Sensor Yaw Rate Sensor Stop Light Switch Deceleration Sensor Front Speed Sensor b Pump Solenoid Relay Pressure Switches Pump Motor Relay (High and Low) Rear Speed Skid Control Pump Motor Relay Sensor **ECU** Front Speed Sensor ď L4 Position Switch Center Diff, Lock Detection Switch

Engine &

**ECT ECU** 

230LX21

Shift Position Switches

Throttle Position Sensor

Crankshaft Position Sensor

Accelerator Pedal Position Sensor

: Added

- a: Switching Solenoid Valves
- b: Control Solenoid Valves
- \*: Only for Models with VGRS System

Throttle Control motor

VGRS ECU\*