11. General Diagnostics Table

©: Primary												expected causes						: Secondary expected cause								
			Hydraulic unit		lic										eck valve					surface	noisu		and wiring			
Symptoms		Solenoid valve	Motor	Mount bush	Speed sensor	P valve	Master cylinder	Calipers and piston	Pad	Rotor	Hand brake	Piping	Mixture of air	Brake booster and check	Axle and wheel	Alignment	Play of pedal	Rough road surface	Semicylindrical road s	Loose or worn suspension	Tire	connection	Stroke sensor			
ABS function	Directional stability cannot be obtained when braking.	Vehicle turns to right or left.	0			0	0		0	0	0		0			0	0		0	0	0	0	0			
		Vehicle spins.	0			0	0		0	0			0									0	0			
	Out-of-order brakes	Long braking distance	0	0		0	0	0	0	0	0		0	0	0							0	0			
		Brakes lock.	0	0		0	0		0				0										0			
		Brakes drag.	0			0	0	0	0	0		0	0			0		0								
		Long pedal stroke	0				0	0	0	0			0	\bigcirc	0			0								
		Abnormal vehicle pitching	0			0													0		0		0			
		Unstable braking force. One- side brake refuses to work.	0			0		0	0	0	0		0			0	0		0	0	0	0	0			
TCS function	When accelerating abruptly, directional stability cannot be obtained when traveling on a slippery road surface.	Vehicle moves unsteadily.	0			0			0	0			0				0		0		0	\bigcirc	0			
		Handle refuses to work.	0			0			0	0			0									\bigcirc	0			
		Handle loses control.	0			0			0	0	0		0				0		0	0	0	\bigcirc	0			
	Bad acceleration, engine stall- ing (In addition to the causes listed here, check the ECM specifications.)	Engine stalls. Engine speed fails to increase.	0			0		0	0				0										0			
		Engine speed increases suddenly.	0			0		0	0	0	0	0	0	0									0	0		
Vibration occurs and abnormal noise is produced. • When applying brakes abruptly. • When accelerating abruptly. • When driving on a slippery road surface.		Brake pedal heavily vibrates when applying brakes.	0	0			0								0				0		0		0	0		
		Loud hydraulic unit operating noise	0	0	0	0							0													
		Noise is produced from front of vehicle.	0		0	0		0	0	0	0		0		0	0					0	0				
		Noise is produced from rear of vehicle.				0			0	0	0	0	0			0					0	0				

NOTE:

This list includes no engine failure and transmission failure.