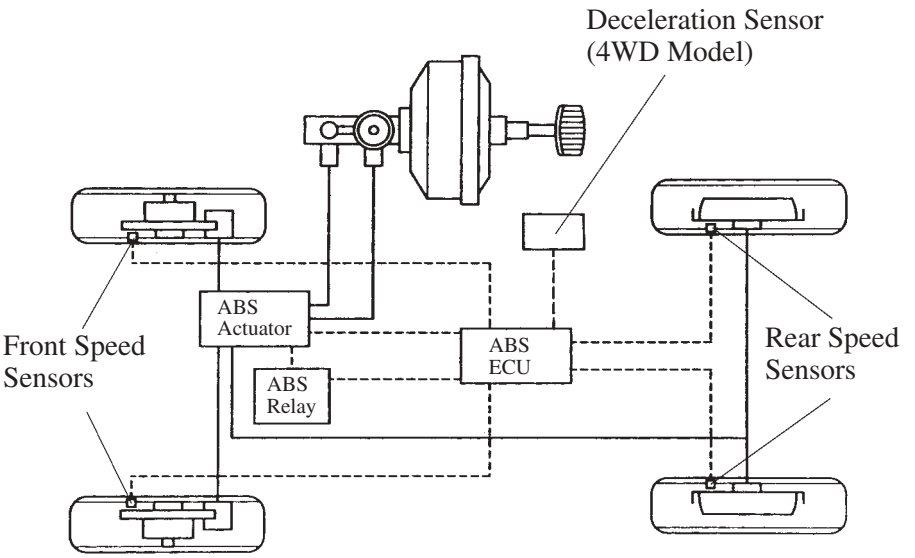
■ ABS

1. General

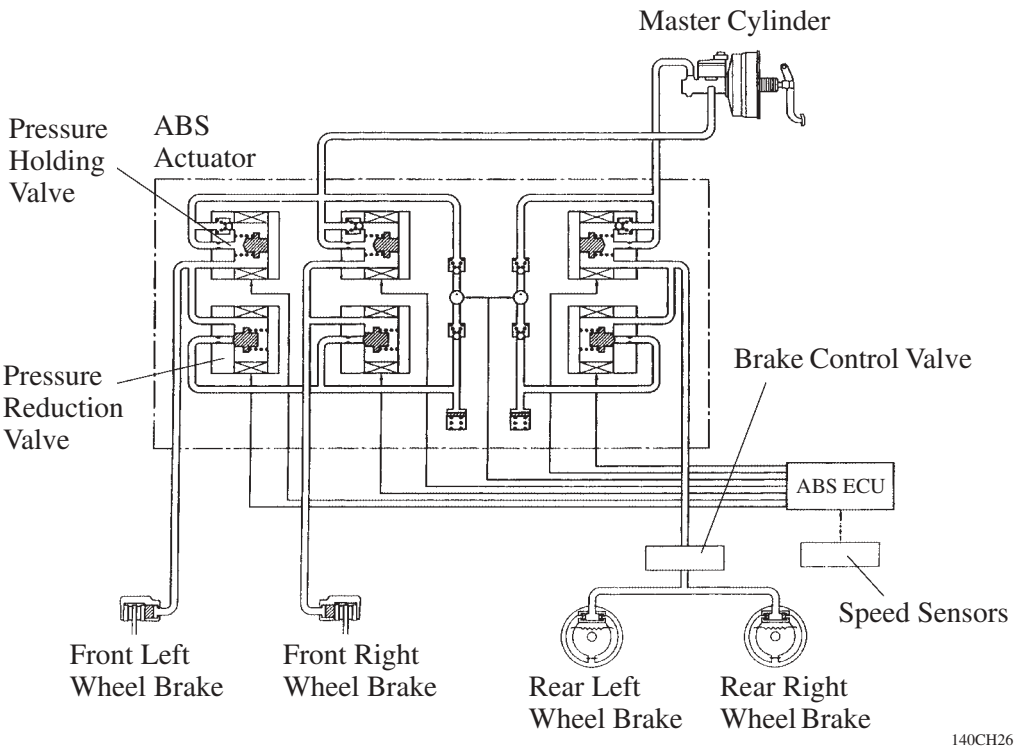
An ABS is optional equipment on the models for Europe, Australia and G.C.C. Countries.
A deceleration sensor is used on the 4WD model.
When the rear differential lock is in operation, the ABS ECU stops the operation of the ABS and turns on the ABS warning light.

2. System Diagram



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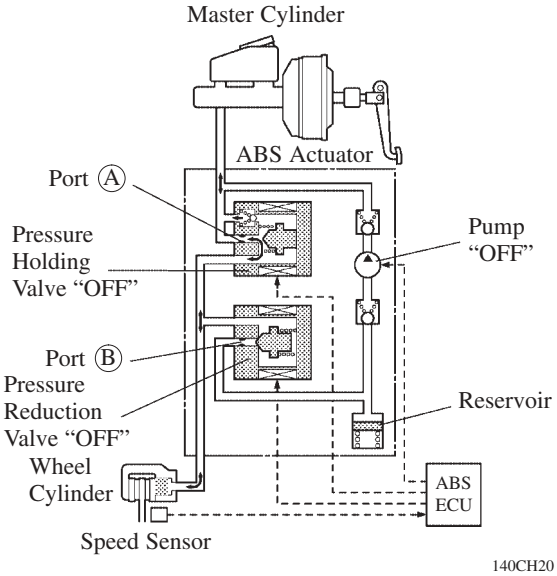
3. Hydraulic Circuit



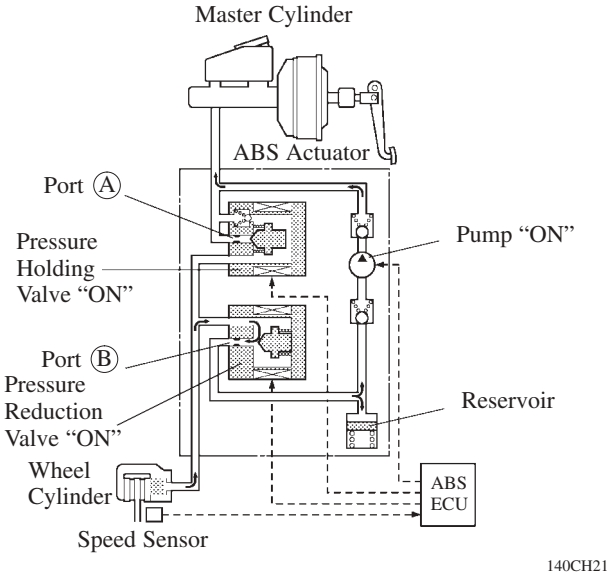
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4. Operation

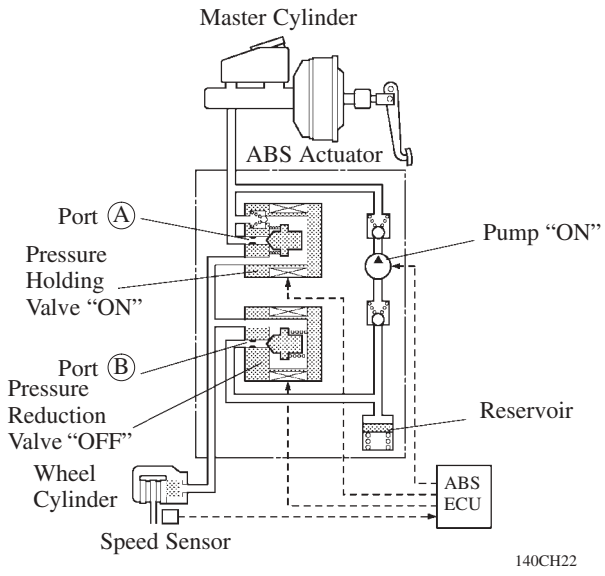
The brake control of each wheel during ABS activation is implemented by the following 3 models: pressure reduction, pressure holding and pressure increase models.
The ECU controls the fluid pressure of each of the front left and right wheels independently while the fluid pressure of the rear left and right wheels is controlled simultaneously for vehicle stability.



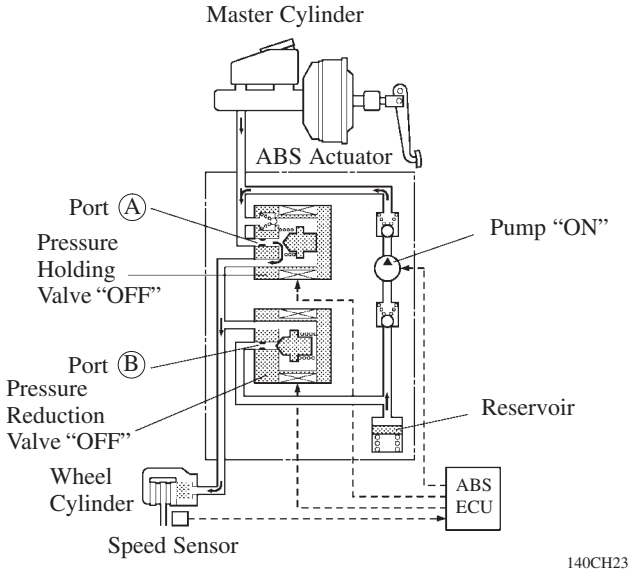
Normal Braking



Pressure Reduction Mode



Pressure Holding Mode



Pressure Increase Mode

▶ Condition of Each vale ◀

Mode / Valve	Normal Braking	ABS Activated		
		Pressure Reduction	Pressure Holding	Pressure Increase
Pressure Holding Valve (Port Ⓐ)	OFF (Open)	ON (Closed)	ON (Closed)	OFF (Open)
Pressure Reduction Valve (Port Ⓑ)	OFF (Closed)	ON (Open)	OFF (Closed)	OFF (Closed)

CH