AIR CONDITIONING

■DESCRIPTION

The ’06 models have an air conditioning system with the following equipments.

—: Not Available ●: Standard OP: Option

Destination		U.S.A.	CANADA	
Grade		Standard	Standard	RS
Air Conditioning	Without	●	●	●
	Manual	OP	OP	OP
Heater	Standard	●	●	●
	Partial Recirculation System & PTC Heater	OP*	●	●
Clean Air Filter		—	●	●
Rear Footwell Register Duct		OP*	●	●

*: Only for Cold Area Specification Models

- The partial recirculation system & PTC heater achieves a faster heating effect in cold areas.
- The PTC heater system uses a PTC (Positive Temperature Coefficient) element to warm the air that passes through the heater core.

▶ Performance ◀

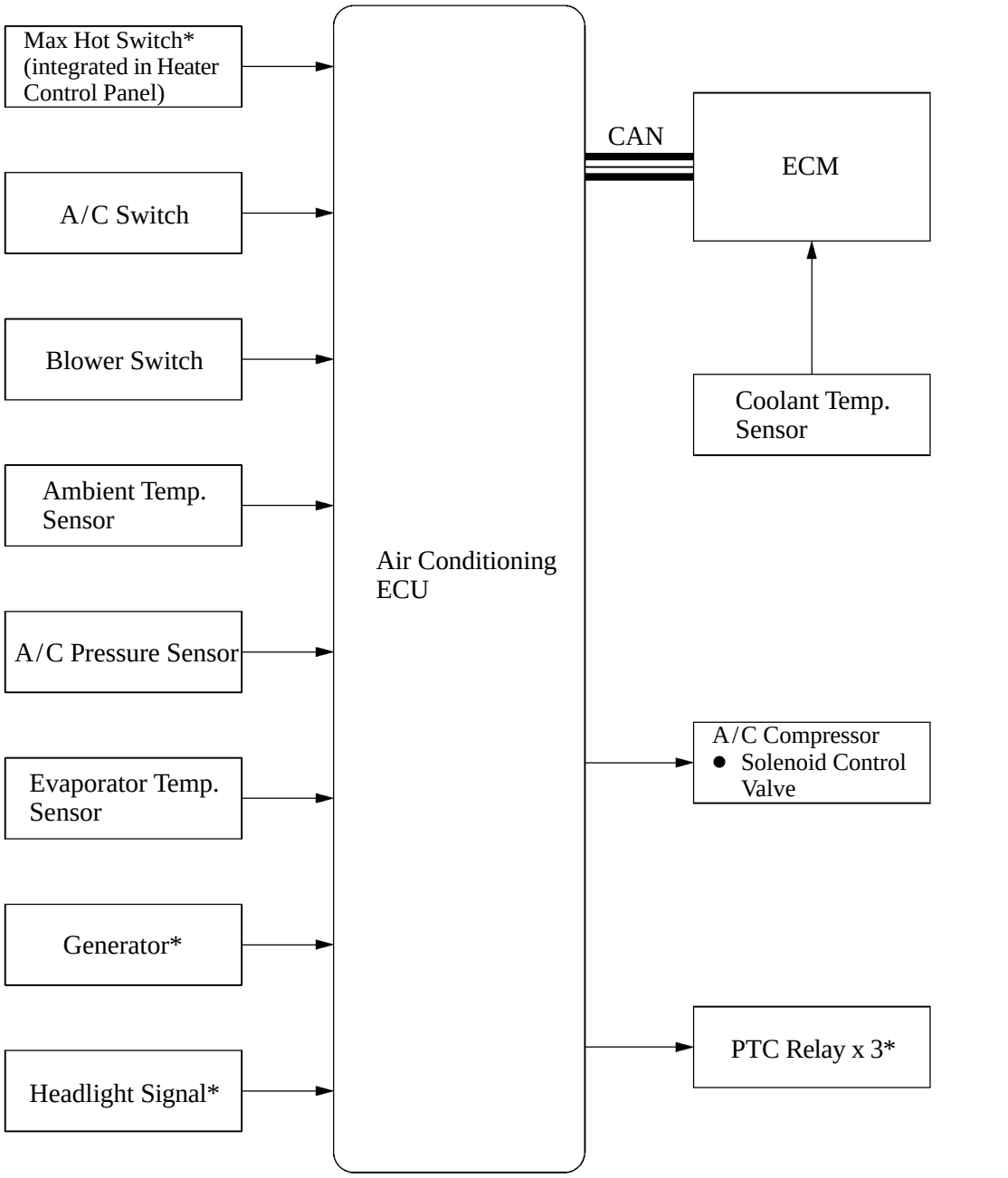
Heater	Heater Output	W (Kcal/h)	4600 (3955)
	Air Flow Volume	m^3/h	280
	Power Consumption	W	170 under
Air Conditioning	Cooling Capacity	W (Kcal/h)	4275 (3675)
	Air Flow Volume	m^3/h	420
	Power Consumption	W	210 under

▶ Specifications ◀

Ventilation and Heater Core	Heater Core	Type	SFA-II (Straight Flow Aluminum-II)
		Size W x H x L mm (in.)	201.5 x 140 x 27 (7.9 x 5.5 x 1.1)
		Fin Pitch mm (in.)	1.8 (0.07)
	Blower	Motor Type	K62-11.5T
		Fan Type	Stabilized Scroll Flow
		Fan Size Dia. x H mm (in.)	145 x 65 (5.7 x 2.6)
Air Conditioning	Condenser	Type	Multi-Flow IV (Sub Cool)
		Size W x H x L mm (in.)	520 x 325.4 x 16 (20.5 x 12.8 x 0.6)
		Fin Pitch mm (in.)	2.75 (0.11)
	Evaporator	Type	Revolutionary & Super Slim
		Size W x H x L mm (in.)	199.3 x 231 x 38 (7.8 x 9.1 x 1.5)
		Fin Pitch mm (in.)	2.6 (0.10)
	Compressor	Type	5SE11
		Pulley	Plastic DL (without Magnetic Clutch)
	Refrigerant	Type	R134a
		Charge Volume g	360 ± 30
Clean Air Filter Type			High Efficiency
Low Heat Source Countermeasure			Air Inlet Mode & PTC Heater

■SYSTEM DIAGRAM

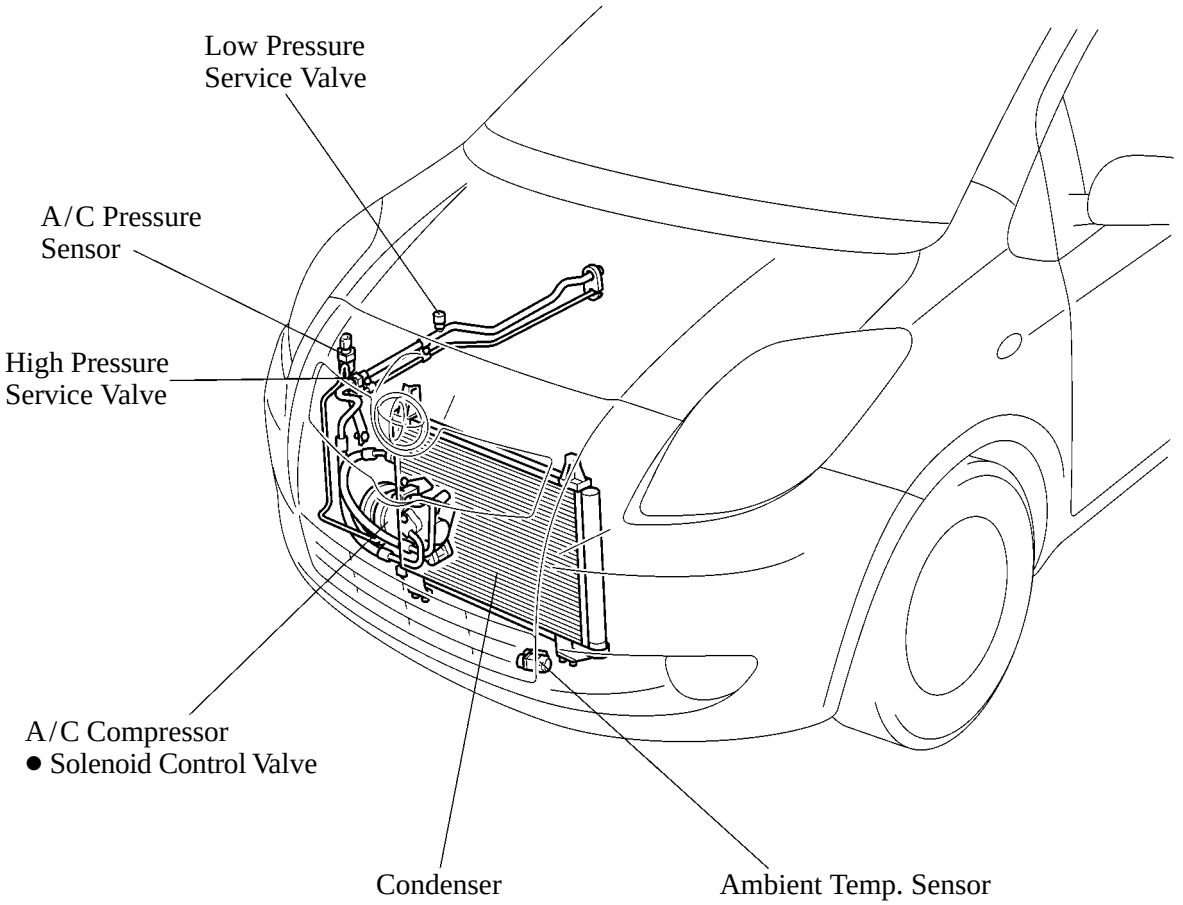
▶ Manual Air Conditioning ◀



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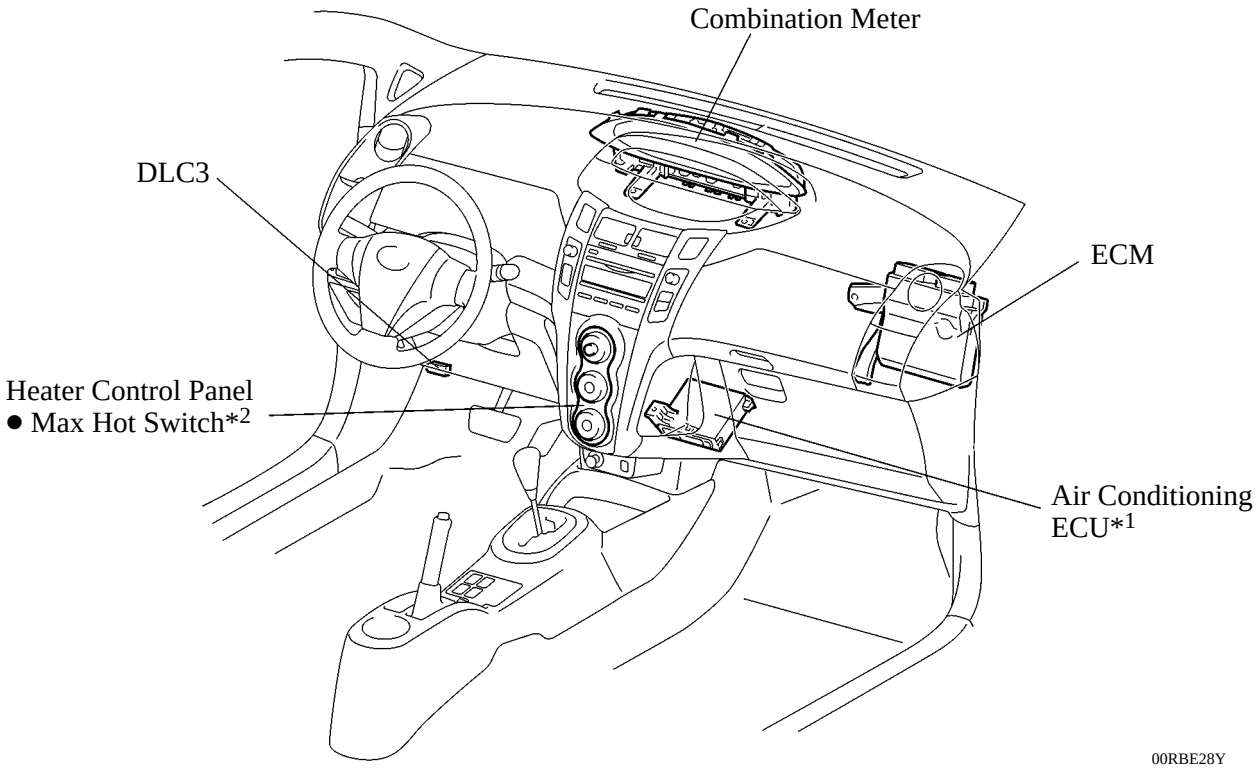
*: Only for Models with PTC Heater

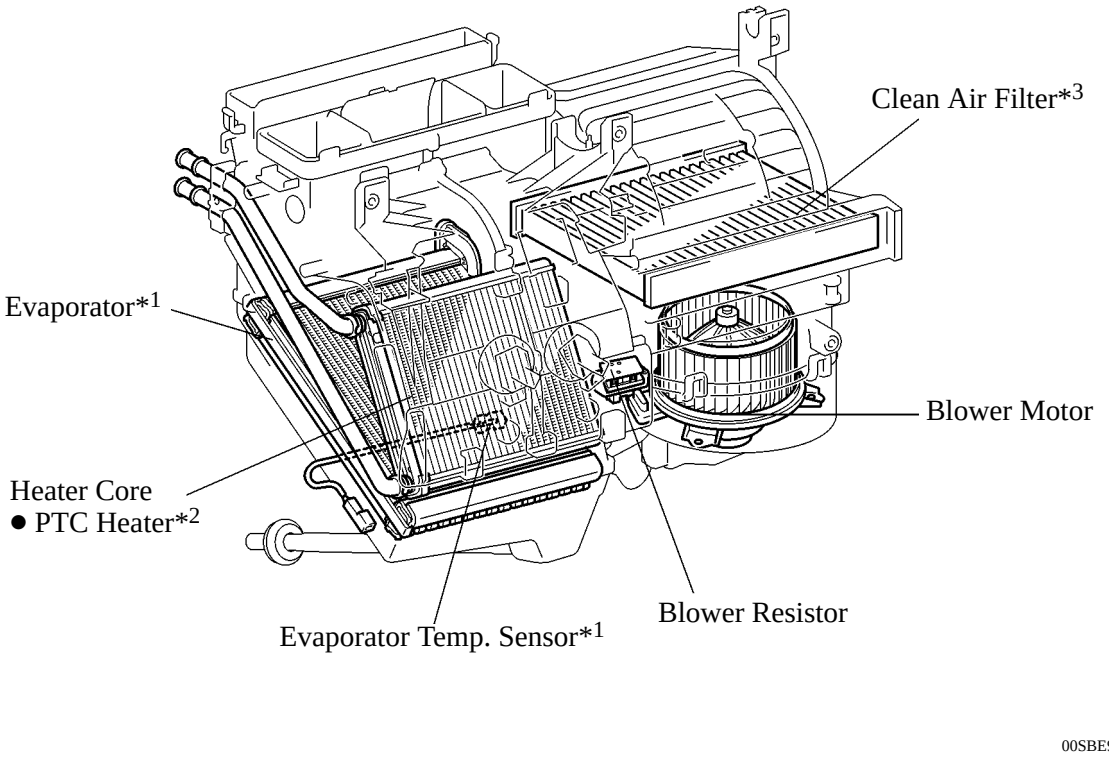
■LAYOUT OF MAIN COMPONENTS



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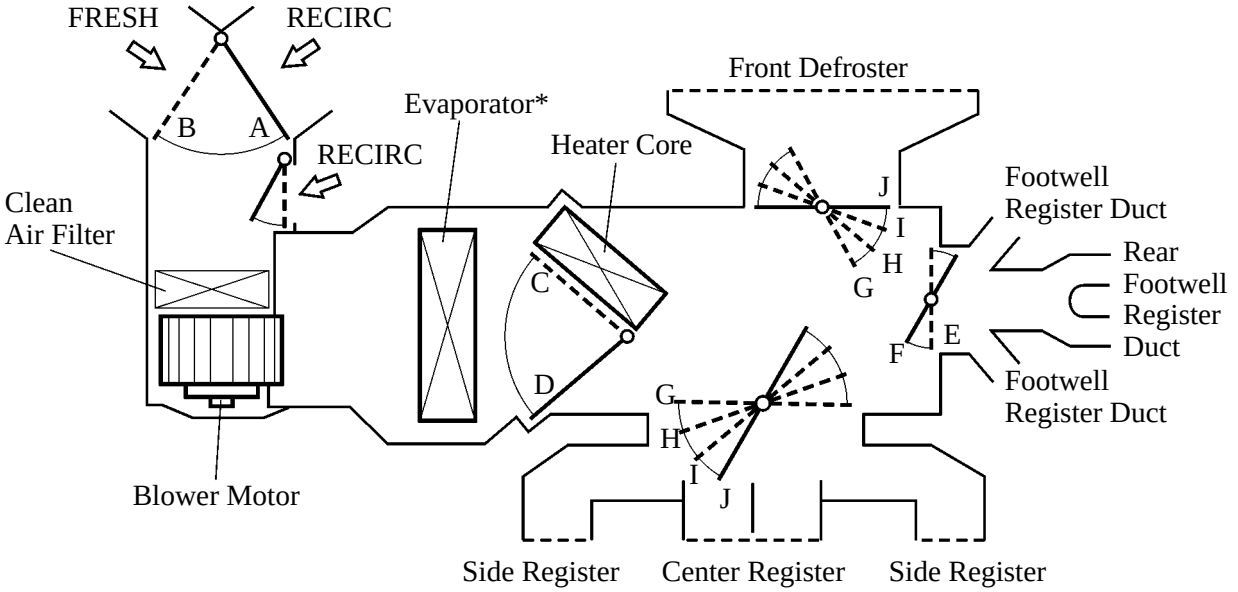
Models with Air Conditioning





*1: Only for Models with Air Conditioning
*2: Only for Models with PTC Heater
*3: Only for Models with Clean Air Filter

■MODE POSITION AND DAMPER OPERATION



*: Only for Models with Air Conditioning

HINT: This illustration is a model diagram showing the doors positions in each mode. The parts layout and the number of the doors in the illustration are different from those of the actual system.

▶ Function of Main Damper ◀

Control Damper	Operation Position	Damper Position	Operation
Air Inlet Control Damper	FRESH	A	Brings in fresh air.
	RECIRC	B	Recirculates internal air.
Air Mix Control Damper	MAX COLD - MAX HOT	C, D	Varies the mixture ratio of the fresh air and the recirculation air in order to regulate the temperature continuously from HOT to COLD.
Mode Control Damper	 DEF 187BE28	E, G	Defrosts the windshield through the front defroster and side register.
	 FOOT/DEF 187BE27	F, H	Defrosts the windshield through the front defroster and side register, while air is also blown out from the footwell register duct and rear footwell register duct*.
	 FOOT 187BE26	F, I	Air blows out of the footwell register dust and rear footwell register duct*, and side register. In addition, air blows out slightly from the front defroster.
	 BI-LEVEL 187BE25	F, J	Air blows out of the center register, side register, footwell register duct and rear footwell register duct*.
	 FACE 187BE24	E, J	Air blows out of the center register and side register.

*: Only for Models with Rear Footwell Register Duct