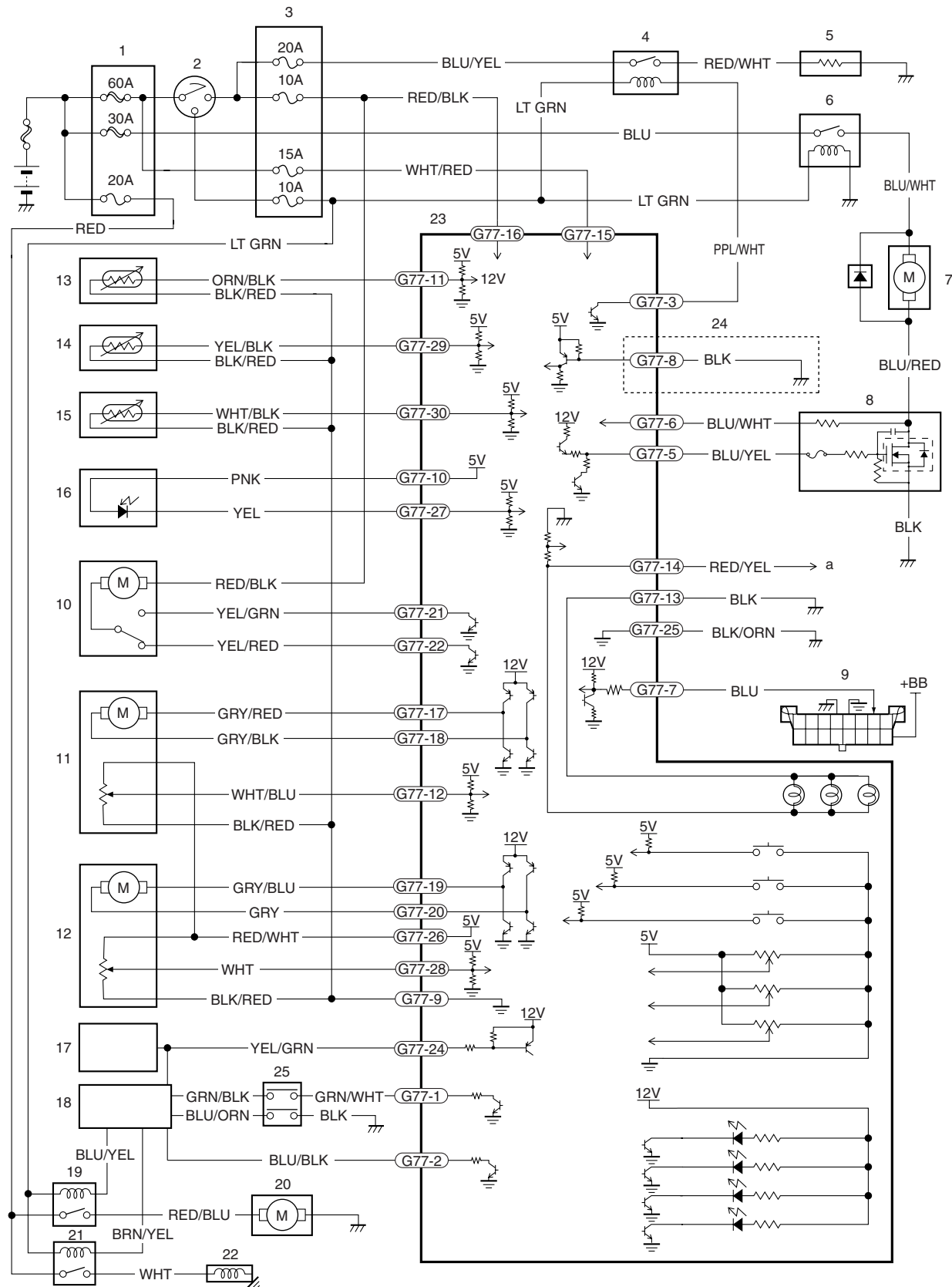


## A/C System Wiring Diagram

S3RH0A7222002



I3RH0A722004

1. Main fuse box	8. Blower motor controller	15. A/C evaporator outlet air temperature sensor	22. Compressor
2. Ignition switch	9. DLC	16. Sunload sensor	23. HVAC control module
3. Circuit fuse box	10. Air intake actuator	17. Speedometer	24. Mode switch (if equipped)
4. Rear defogger relay	11. Air flow control actuator	18. ECM	25. A/C refrigerant pressure switch
5. Rear defogger	12. Temperature control actuator	19. Condenser cooling fan relay	a: Lighting switch or DRL controller
6. Blower motor relay	13. Inside air temperature sensor	20. Condenser cooling fan	
7. Blower motor	14. Outside air temperature sensor	21. Compressor relay	

## Diagnostic Information and Procedures

### A/C System Symptom Diagnosis

S3RH0A7224001

Condition	Possible cause	Correction / Reference Item
<b>No cool air comes out (A/C system does not operate)</b>	No refrigerant	Perform recover, evacuation and charging referring to "Operation Procedure for Refrigerant Charging: Automatic Type".
	Fuse blown	Check related fuses, and check short circuit to ground.
	A/C switch faulty	Check A/C switch referring to "Inspection of HVAC Control Module and its Circuit: Automatic Type".
	Blower speed selector faulty	Check blower speed selector referring to "Inspection of HVAC Control Module and its Circuit: Automatic Type".
	A/C evaporator outlet air temperature sensor faulty	Check A/C evaporator outlet air temperature sensor referring to "A/C Evaporator Outlet Air Temperature Sensor Inspection: Automatic Type".
	A/C refrigerant pressure switch faulty	Check A/C refrigerant pressure switch referring to "A/C Refrigerant Pressure Switch Inspection: Automatic Type".
	Wiring or grounding faulty	Check wiring and grounding.
	ECT sensor faulty	Check ECT sensor referring to "Engine Coolant Temperature (ECT) Sensor Inspection: in Section 1C".
	ECM and/or its circuit faulty	Check ECM and/or its circuit referring to "A/C System Inspection at ECM: Automatic Type".
	HVAC control module and/or its circuit faulty	Check HVAC control module and/or its circuit referring to "Inspection of HVAC Control Module and its Circuit: Automatic Type".
	Magnet clutch faulty	Check magnet clutch referring to "Compressor Inspection: Automatic Type".
	Compressor drive belt loosen or broken	Replace compressor drive belt.
	Compressor faulty	Check compressor.
	Compressor relay faulty	Check compressor relay referring to "Compressor Relay and Condenser Cooling Fan Relay Inspection: Automatic Type".
	Temperature selector, blower speed selector, and air flow selector faulty	Check HVAC control module referring to "Inspection of HVAC Control Module and its Circuit: Automatic Type".