


SYSTEM OUTLINE

1. COOLER AND HEATER BLOWER OPERATION

* Manual operation

When the blower control SW in the rear A/C control SW is set to any blower speed, a signal is sent to the A/C amplifier (Rear). The A/C amplifier (Rear) controls the power transistor and operates the rear cooler blower motor and rear heater blower motor at the set speed.

* Auto operation

When the auto SW in the rear A/C control SW is operated, a signal is sent to the A/C amplifier (Rear). The A/C amplifier (Rear) controls the power transistor according to the signals from respective sensors, and operates the rear cooler blower motor and rear heater blower motor.

2. AIR MIX CONTROL SERVO MOTOR CONTROL

When the temperature control lever in the rear A/C control SW is operated, a signal is sent to the A/C amplifier (Rear). The A/C amplifier (Rear) controls the rear air mix control servo motor to operate the damper until it reaches the temperature set by the temperature control lever.

3. AIR CONDITIONING OPERATION

The cooler and heater operation can be switched by the mode select SW in the rear A/C control SW.

SERVICE HINTS

A32 A/C AMPLIFIER (REAR)

+B-GROUND : Always approx. **12** volts

IG1-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position

GND-GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
A32	A	42	J7	41		R16	43	
A33	B	42	J9	41		R17	43	
A34	C	42	J31	42		R21	43	
C6	A	40	J38	42		R22	43	
C7	B	40	J39	42		R25	43	
C9	D	40	R8	43		R26	43	
C20	E	40	R9	43		R34	43	
C21	F	40	R14	43				
C22	G	40	R15	43				

○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	23	Engine Room No.2 Wire and Engine Room J/B (Engine Compartment Left)
1D		
2B	26	Dash Wire and Cowl Side J/B LH (Left Kick Panel)
2D		
2E	26	Engine Room No.2 Wire and Cowl Side J/B LH (Left Kick Panel)
2F		
2N	26	Floor Wire and Cowl Side J/B LH (Left Kick Panel)
2P	28	Instrument Panel Integration Wire and Cowl Side J/B LH (Left Kick Panel)
3E	32	Floor No.2 Wire and Cowl Side J/B RH (Right Kick Panel)
3I	32	Instrument Panel Integration Wire and Cowl Side J/B RH (Right Kick Panel)

REAR AIR CONDITIONING



: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IR1	52	Engine Room No.2 Wire and Floor No.2 Wire (Right Kick Panel)
IV2	54	Dash Wire and Floor No.2 Wire (Behind the Glove Box)
IW1	54	Engine Room No.2 Wire and Dash Wire (Behind the Glove Box)
BD1	56	Floor No.3 Wire and Floor Wire (Left Rear Side Quarter Panel)
BJ1	58	Floor No.2 Wire and A/C Sub Wire (Right Side Rear Quarter Panel)
BL2	58	Floor No.2 Wire and Floor No.3 Wire (Right Side of Rear Floor Crossmember)



: GROUND POINTS

Code	See Page	Ground Points Location
IF	48	Set Bolt of Cowl Side J/B LH
BJ	56	Under the Driver's Seat
BK	56	Front Side Under the Front Passenger's Seat



: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I6	50	Dash Wire	B13	58	Roof No.2 Wire
I7			B14	58	Floor No.2 Wire
I10			B19	58	A/C Sub Wire
I15					

