

## MATRIX CHART OF PROBLEM SYMPTOMS

Perform troubleshooting of the circuits for the applicable problem symptom in the order given in the chart below. Proceed to the page located for each circuit.

The Driver's Seat ECU communicates with the tilt & telescopic ECU about memory and return, so there are occasions when a power seat problem symptom is caused by trouble in the tilt and telescopic circuit. When the instruction "See tilt and telescopic section" appears in the matrix chart, proceed to the matrix chart (see page [SR-28](#)) in the tilt and telescopic section and inspect the circuits as directed by the matrix chart.

See page			BE-28 4	BE-28 6	BE-28 8
Suspect Area			+B Power Source Circuit	ECU Power Source Circuit	Motor Circuit
Symptom					
Both manual & return functions do not operate	All functions		1		3
	One function only				1
One or all functions do not operate for manual operation only.					
Memory function does not operate			→		
Return operation does not stop when brake pedal is depressed					
Only return function does not operate or operates a little, then stops	All return functions	Tilt & telescopic return operate normally		1	
		Tilt & telescopic return also does not operate	→		
	Only one return function				
	With ignition key inserted, return only	Tilt & telescopic return operate normally			
		Tilt & telescopic return also does not operate			
	With ignition key not inserted return only		→		

- If the instruction "Proceed to next circuit inspection shown on matrix chart" is given in the flow chart for each circuit, proceed to the circuit with the next highest number in the table to continue the check.
- If the trouble still reappears even though there are no abnormalities in any of the other circuits, then check and replace the driver's seat ECU as the last step.

BE-29 2	Position Sensor Power Source Circuit						
BE-29 4	Position Sensor Circuit						
BE-29 8	Stop Light Circuit						
BE-30 0	Neutral Start Switch Circuit						
BE-30 2	Ignition Switch Circuit						
BE-30 4	Power Seat Switch Circuit				2		4
BE-30 6	Serial Communication Circuit						2
IN-32	Driver's Seat ECU						2

See tilt and telescopic section on page [SR-28](#)

		1					2
2						3	4

See tilt and telescopic section on page [SR-28](#)

	1						2
			1				2
				1			2

See tilt and telescopic section on page [SR-28](#)