

## 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 number given for each circuit.

| See page   |   | SR-36                    | SR-40                         | SR-44                       | SR-46                        | SR-48              |
|--|---|--------------------------|-------------------------------|-----------------------------|------------------------------|--------------------|
| Suspect Area   |   | ECU Power Source Circuit | Actuator Power Source Circuit | Sensor Power Source Circuit | Tilt Position Sensor Circuit | Tilt Motor Circuit |
| Trouble Symptom  |   |                          |                               |                             |                              |                    |
| Manual and auto return functions do not operate          | Both tilt and telescopic                | 1                        | 2                             | 4                           |                              |                    |
|  | Tilt only                               |                          |                               |                             | 1                            | 2                  |
|  | Telescopic only                         |                          |                               |                             |                              |                    |
| Auto return or auto return cut function does not operate |   |                          |                               |                             |                              |                    |
| Memory function does not operate                         |   |                          |                               |                             |                              |                    |
| Only manual function does not operate                    | Both tilt and telescopic                |                          |                               |                             |                              |                    |
|  | Tilt only                               |                          |                               |                             |                              |                    |
|  | Telescopic only                         |                          |                               |                             |                              |                    |
| Only return function does not operate                    | Does not operate under any condition    |                          |                               |                             |                              |                    |
|  | Only with key inserted                  |                          |                               |                             |                              |                    |
|  | Only with key not inserted              |                          |                               |                             |                              |                    |
|  | Only with memory & return switch 1 or 2 |                          |                               |                             |                              |                    |

**HINT:**

- 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 Tilt & Telescopic ECU as the last step.

| SR-50                              | SR-52                    | SR-54               | SR-56                 | SR-58              | SR-60                            | SR-62                   | SR-64                  | SR-66                        | SR-68                         | IN-32                 |
|------------------------------------|--------------------------|---------------------|-----------------------|--------------------|----------------------------------|-------------------------|------------------------|------------------------------|-------------------------------|-----------------------|
| Telescopic Position Sensor Circuit | Telescopic Motor Circuit | Auto Switch Circuit | Manual Switch Circuit | SET Switch Circuit | Memory & Return Switches Circuit | Ignition Switch Circuit | Neutral Switch Circuit | Door Courtesy Switch Circuit | Unlock Warning Switch Circuit | Tilt & Telescopic ECU |
|                                    |                          |                     |                       |                    |                                  |                         |                        |                              | 3                             | 5                     |
|                                    |                          |                     |                       |                    |                                  |                         |                        |                              |                               | 3                     |
| 1                                  | 2                        |                     |                       |                    |                                  |                         |                        |                              |                               | 3                     |
|                                    |                          | 1                   |                       |                    |                                  |                         |                        |                              | 2                             | 3                     |
|                                    |                          |                     |                       | 1                  |                                  |                         |                        |                              |                               | 2                     |
|                                    |                          |                     | 1                     |                    |                                  |                         |                        |                              |                               | 2                     |
|                                    |                          |                     | 1                     |                    |                                  |                         |                        |                              |                               | 2                     |
|                                    |                          |                     | 1                     |                    |                                  |                         |                        |                              |                               | 2                     |
|                                    |                          |                     |                       | 2                  | 1                                |                         |                        |                              |                               | 3                     |
|                                    |                          |                     |                       |                    |                                  | 1                       | 2                      |                              |                               | 3                     |
|                                    |                          |                     |                       |                    |                                  |                         |                        | 1                            | 2                             | 3                     |
|                                    |                          |                     |                       |                    | 1                                |                         |                        |                              |                               | 2                     |