

PROBLEM SYMPTOMS TABLE

This system uses the multiplex communication system, so check diagnosis system of the multiplex communication system before you proceed with troubleshooting.

The table below will be useful for you in troubleshooting these electrical systems. The most likely causes of the malfunction are shown in the order of their probability. Inspect each part in the order shown, and replace the part when it is found to be faulty.

- If the instruction "Proceed to next circuit inspection shown on the 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 problem still occurs even though there are no abnormalities in any of the other circuits, then check and replace ECU.

Symptom	Suspect Area	See page
Both tilt and telescopic: Manual, auto away/return and memory functions <ul style="list-style-type: none"> • Do not operate • Stop part way • Do not stop 	1. ECU power source circuit 2. Key unlock warning switch 3. Body ECU 4. Actuator power source circuit 5. Sensor power source circuit 6. Tilt motor circuit 7. Telescopic motor circuit 8. Tilt and telescopic ECU 9. Speed sensor circuit (Excluding manual)	DI-429 * BE-20 * DI-767 * DI-432 * DI-434 * DI-436 * DI-439 * IN-35 * DI-58
Tilt only: Manual, auto away/return and memory functions <ul style="list-style-type: none"> • Do not operate • Stop part way • Do not stop 	1. Sensor power source circuit 2. Tilt motor circuit 3. Tilt and telescopic ECU 4. Speed sensor circuit (Excluding manual)	DI-434 * DI-436 * IN-35 * DI-58
Telescopic only: Manual, auto away/return and memory functions <ul style="list-style-type: none"> • Do not operate • Stop part way • Do not stop 	1. Sensor power source circuit 2. Telescopic motor circuit 3. Tilt and telescopic ECU 4. Speed sensor circuit (Excluding manual)	DI-434 * DI-439 * IN-35 * DI-58
Both tilt and telescopic: Only tilt and telescopic manual switch function does not operate	1. Tilt and telescopic manual switch circuit 2. Tilt motor circuit 3. Telescopic motor circuit 4. Tilt and telescopic ECU	DI-442 * DI-436 * DI-439 * IN-35 *
Tilt only: Only tilt and telescopic manual switch function does not operate	1. Tilt and telescopic manual switch circuit 2. Tilt motor circuit 3. Tilt and telescopic ECU	DI-442 * DI-436 * IN-35 *
Telescopic only: Only tilt and telescopic manual switch function does not operate	1. Tilt and telescopic manual switch circuit 2. Telescopic motor circuit 3. Tilt and telescopic ECU	DI-442 * DI-439 * IN-35 *

Symptom	Suspect Area	See page
Both away and return: Only auto away/return function does not operate	<ol style="list-style-type: none"> 1. Check status of auto away function using hand-held tester 2. Ignition switch 3. Key unlock warning switch 4. Tilt motor circuit 5. Telescopic motor circuit 6. Tilt and telescopic ECU 7. Speed sensor circuit 	<p>–</p> <p>BE-20 *</p> <p>BE-20 *</p> <p>DI-436 *</p> <p>DI-439 *</p> <p>IN-35 *</p> <p>DI-58</p>
Only away: Only Auto away/return function does not operate	<ol style="list-style-type: none"> 1. Key unlock warning switch 2. Ignition switch 3. Tilt motor circuit 4. Telescopic motor circuit 5. Tilt and telescopic ECU 6. Speed sensor circuit 	<p>BE-20 *</p> <p>BE-20 *</p> <p>DI-436 *</p> <p>DI-439 *</p> <p>IN-35 *</p> <p>DI-58</p>
Only return: Only auto away/return function does not operate	<ol style="list-style-type: none"> 1. Key unlock warning switch 2. Ignition switch 3. Tilt motor circuit 4. Telescopic motor circuit 5. Tilt and telescopic ECU 6. Speed sensor circuit 	<p>BE-20 *</p> <p>BE-20 *</p> <p>DI-436 *</p> <p>DI-439 *</p> <p>IN-35 *</p> <p>DI-58</p>

*: Refer LAND CRUISER Chassis and Body Repair Manual (Pub. No. RM616E).