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Model Year: 2006	Model: LS430	Prod Date Range: [07/2005 -]
Title: STEERING COLUMN: POWER TILT AND POWER TELESCOPIC STEERING COLUMN SYSTEM: PROBLEM SYMPTOMS TABLE; 2006 MY LS430 [07/2005 -]		

PROBLEM SYMPTOMS TABLE

The power tilt and telescopic steering column system uses the multiplex communication system, so check its diagnostic system before proceeding to troubleshooting.

The table below will be useful in troubleshooting these electrical systems. The numbered suspected areas indicate the likelihood of the cause in descending order. Inspect each part in the order shown, and replace any parts found faulty.

- If the instruction "PROCEED TO CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE" is given in the flowchart on the following pages, proceed to the circuit with the next highest number in the table to continue the check.
- If the problem still occurs even though there is no abnormality in the related circuits, check and replace the multiplex tilt and telescopic ECU.

HINT:

Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

Power tilt and power telescopic steering column system:

SYMPTOM	SUSPECTED AREA	SEE PAGE
Both tilt and telescopic: Manual, auto away / return and memory functions do not operate	1. Multiplex communication system	-
	2. ECU power source circuit	INFO
	3. Unlock warning switch circuit	INFO
	4. Actuator power source circuit	INFO
	5. Tilt position sensor or tilt motor circuit	INFO
	6. Telescopic position sensor or telescopic motor circuit	INFO
Tilt only: Manual, auto away / return and memory functions do not operate	1. Tilt position sensor or tilt motor circuit	INFO
Telescopic only: Manual, auto away / return and memory functions do not operate	1. Telescopic position sensor or telescopic motor circuit	INFO
Only manual switch does not operate	1. Tilt and telescopic manual switch circuit	INFO
	1. Check status of auto function by intelligent tester	INFO

Only auto away / return function does not operate	2. Multiplex communication system	-
	3. Ignition switch	-
	4. Unlock warning switch circuit	INFO
Only auto away function does not operate	1. Unlock warning switch circuit	INFO
	2. Ignition switch	-
Only auto return function does not operate	1. Unlock warning switch circuit	INFO
	2. Ignition switch	-
Only memory function does not operate	1. Multiplex communication system	-

