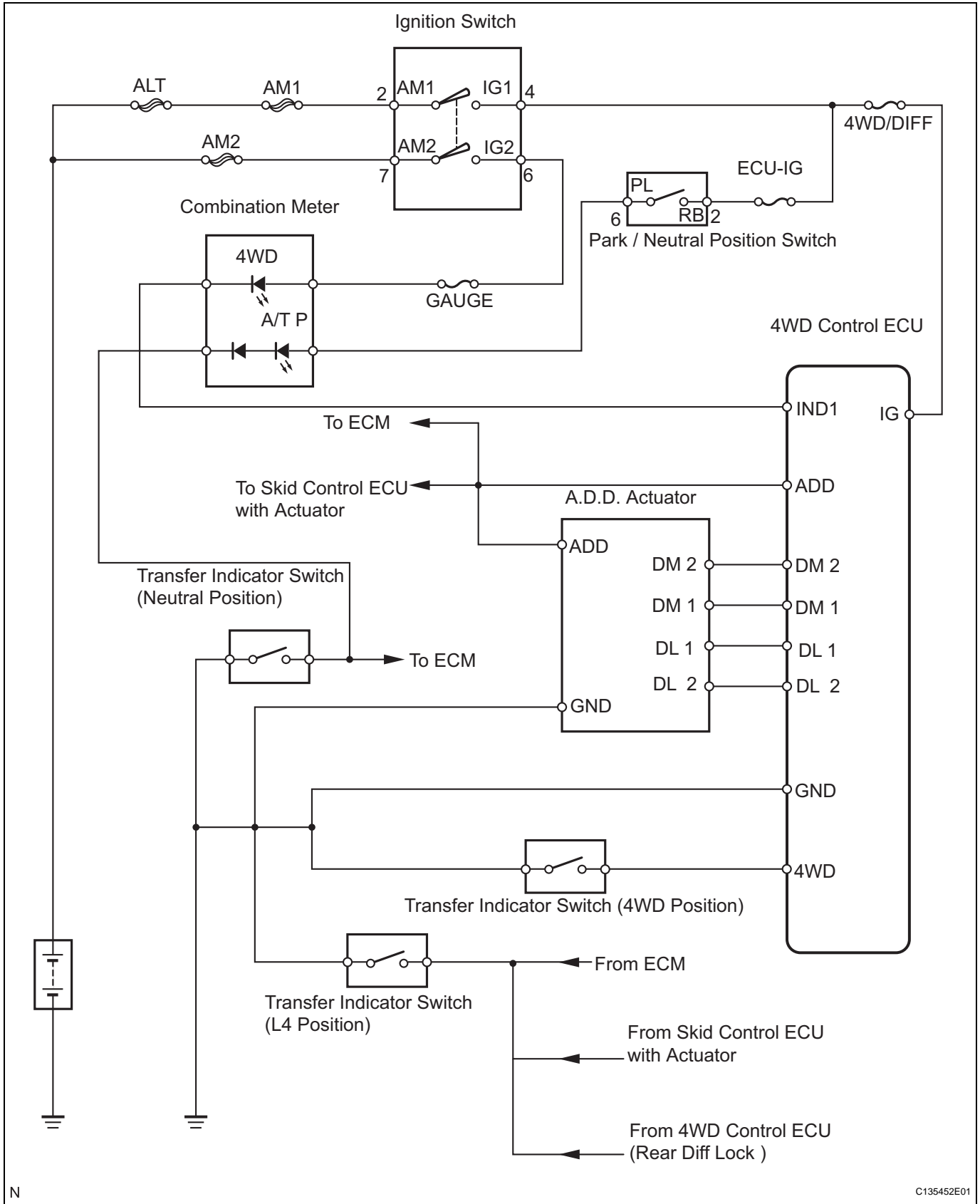


# SYSTEM DIAGRAM



TF

## PROBLEM SYMPTOMS TABLE

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.

### Transfer system

Symptom	Suspected area	See page
Noise	1. Oil (level low)	TF-7
	2. Oil (wrong)	TF-7
	3. Transfer (faulty)	TF-20
Oil leakage	1. Oil (level too high)	TF-7
	2. Gasket (damaged)	TF-20
	3. Oil seal (worn or damaged)	TF-20
	4. O-ring (worn or damaged)	TF-20
Hard to shift or will not shift	1. Shifting key spring (damaged)	TF-20
	2. Synchronizer spring (worn or damaged)	TF-20
Shift from 2WD (H2) to 4WD (H4) impossible	1. Indicator switch (for 4WD position)	TF-20
	2. Differential vacuum actuator	DF-96
	3. Wire harness	TF-3
	4. Skid control ECU with actuator	BC-38
	5. ECM	ES-29
	6. 4WD control ECU	TF-5
Shift from 4WD (H4) to 2WD (H2) impossible	1. Indicator switch (for 4WD position)	TF-5
	2. Differential vacuum actuator	DF-96
	3. Wire harness	TF-3
	4. Skid control ECU with actuator	BC-38
	5. ECM	ES-29
	6. 4WD control ECU	TF-5
Shift from 4WD (H4) to 4WD (L4) impossible	1. Indicator switch (for 4WD position)	TF-45
	2. Indicator switch	TF-45
	3. Indicator switch (neutral position)	TF-45
	4. Differential vacuum actuator	DF-96
	5. Wire harness	TF-3
	6. Skid control ECU with actuator	BC-38
	7. ECM	ES-29
Shift from 4WD (L4) to 4WD (H4) impossible	1. Indicator switch (for 4WD position)	TF-45
	2. Indicator switch	TF-45
	3. Indicator switch (neutral position)	TF-45
	4. Differential vacuum actuator	DF-96
	5. Wire harness	TF-3
	6. Skid control ECU with actuator	BC-38
	7. ECM	ES-29