

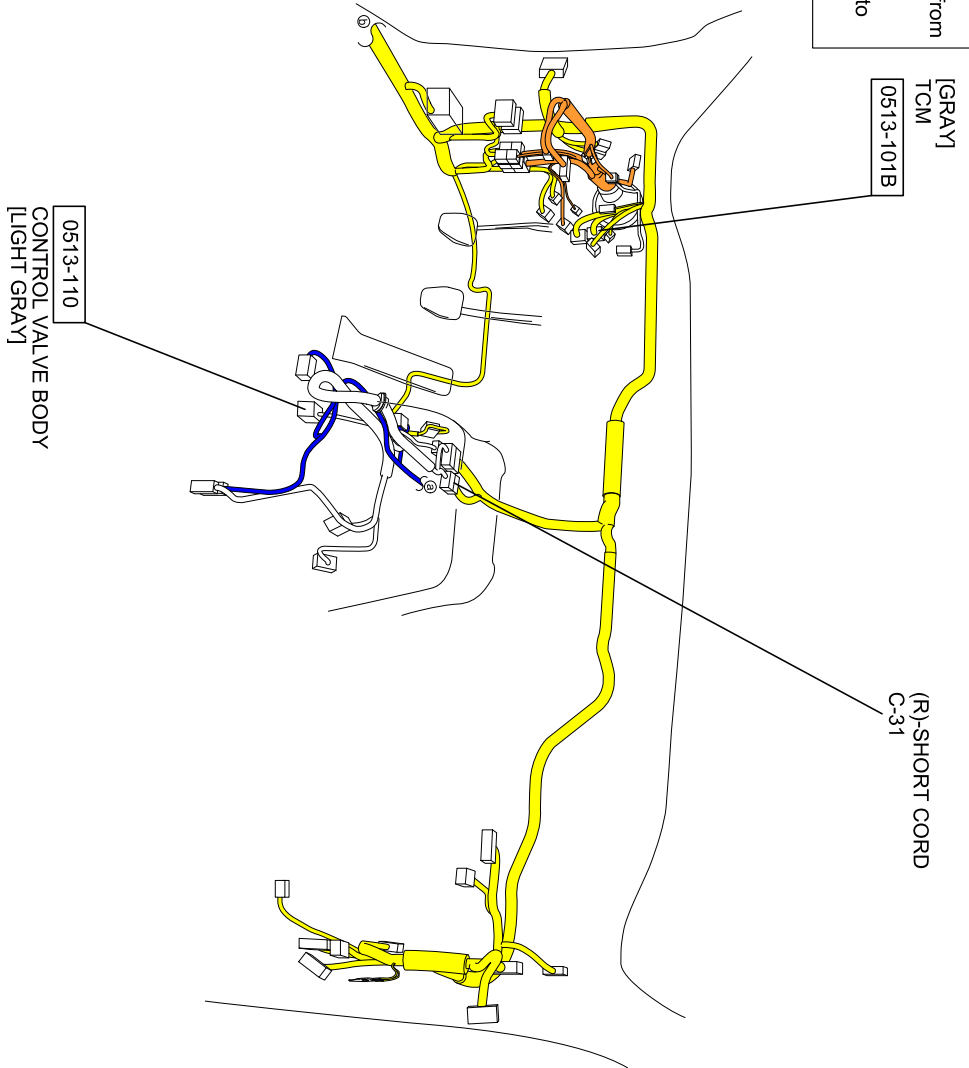
TCM terminal voltage table (reference)

Terminal	Test Condition	Specification	Terminal	Test Condition	Specification	Terminal	Test Condition	Specification
2C	Because this terminal is for communication, determination using terminal voltage inspection is not possible. Perform the inspection using the DTC inspection.	2Q						
2D	• Inspect using the wave profile. (See Inspection Using An Oscilloscope (Reference) .)	2R						
2E	Idle and selector lever is at P position or N position	Below 1.0 V	1GR	Below 1.0 V	B+	2AF	1GR	Below 1.0 V
2G	Because this terminal is for communication, determination using terminal voltage inspection is not possible. Perform the inspection using the DTC inspection.	2S	2GR	Below 1.0 V	B+	2AF	2GR	B+
2J	ATF temperature 20°C (68°F)	Approx. 3.0 V	3GR	Below 1.0 V	B+	2AF	3GR	B+
2L	ATF temperature 40°C (104°F)	Approx. 2.1 V	4GR	Below 1.0 V	B+	2AF	4GR	Below 1.0 V
2M	ATF temperature 60°C (140°F)	Approx. 1.4 V	5GR	Below 1.0 V	B+	2AF	5GR	Below 1.0 V
2N	Under any condition	Below 1.0 V	6GR	Below 1.0 V	B+	2AF	6GR	Below 1.0 V
2O	• Inspect using the wave profile. (See Inspection Using An Oscilloscope (Reference) .)	2V	1GR	Below 1.0 V	B+	2AF	1GR	Below 1.0 V
			2GR	Below 1.0 V	B+	2AF	2GR	B+
			3GR	Below 1.0 V	B+	2AF	3GR	B+
			4GR	Below 1.0 V	B+	2AF	4GR	Below 1.0 V
			5GR	Below 1.0 V	B+	2AF	5GR	Below 1.0 V
			6GR	Below 1.0 V	B+	2AF	6GR	Below 1.0 V
			1GR	Below 1.0 V	B+	2AF	1GR	Below 1.0 V
			2GR	Below 1.0 V	B+	2AF	2GR	B+
			3GR	Below 1.0 V	B+	2AF	3GR	B+
			4GR	Below 1.0 V	B+	2AF	4GR	Below 1.0 V
			5GR	Below 1.0 V	B+	2AF	5GR	Below 1.0 V
			6GR	Below 1.0 V	B+	2AF	6GR	Below 1.0 V

Inspection Using An Oscilloscope (Reference)	Inspection Using An Oscilloscope (Reference)	Inspection Using An Oscilloscope (Reference)	Inspection Using An Oscilloscope (Reference)	Inspection Using An Oscilloscope (Reference)	Inspection Using An Oscilloscope (Reference)
<p>Inspection Using An Oscilloscope (Reference)</p> <p>TCC control solenoid control (-)</p> <ul style="list-style-type: none"> • TCM terminal: 2D • Oscilloscope setting: 50 mV/DIV (Y) 1 ms/DIV (X) • Measuring condition: P, N position, Idle 	<p>Inspection Using An Oscilloscope (Reference)</p> <p>Shift solenoid G control (-)</p> <ul style="list-style-type: none"> • TCM terminal: 2L • Oscilloscope setting: 50 mV/DIV (Y) 1 ms/DIV (X) • Measuring condition: M position 	<p>Inspection Using An Oscilloscope (Reference)</p> <p>Shift solenoid F control (-)</p> <ul style="list-style-type: none"> • TCM terminal: 2O • Oscilloscope setting: 100 mV/DIV (Y) 1 ms/DIV (X) • Measuring condition: M position 	<p>Inspection Using An Oscilloscope (Reference)</p> <p>TCC control solenoid control (+)</p> <ul style="list-style-type: none"> • TCM terminal: 2Q • Oscilloscope setting: 2.5 V/DIV (Y) 1 ms/DIV (X) • Measuring condition: P, N position, Idle 	<p>Inspection Using An Oscilloscope (Reference)</p> <p>Line pressure control solenoid control (+)</p> <ul style="list-style-type: none"> • TCM terminal: 2R • Oscilloscope setting: 2.5 V/DIV (Y) 1 ms/DIV (X) • Measuring condition: P, N position, Idle 	<p>Inspection Using An Oscilloscope (Reference)</p> <p>Shift solenoid G control (+)</p> <ul style="list-style-type: none"> • TCM terminal: 2Y • Oscilloscope setting: 2.5 V/DIV (Y) 1 ms/DIV (X) • Measuring condition: M position
<p>Inspection Using An Oscilloscope (Reference)</p> <p>Shift solenoid F control (+)</p> <ul style="list-style-type: none"> • TCM terminal: 2Z • Oscilloscope setting: 2.5 V/DIV (Y) 1 ms/DIV (X) • Measuring condition: M position 	<p>Inspection Using An Oscilloscope (Reference)</p> <p>Shift solenoid G control (+)</p> <ul style="list-style-type: none"> • TCM terminal: 2Z • Oscilloscope setting: 2.5 V/DIV (Y) 1 ms/DIV (X) • Measuring condition: M position 	<p>Inspection Using An Oscilloscope (Reference)</p> <p>Shift solenoid F control (+)</p> <ul style="list-style-type: none"> • TCM terminal: 2Z • Oscilloscope setting: 2.5 V/DIV (Y) 1 ms/DIV (X) • Measuring condition: M position 	<p>Inspection Using An Oscilloscope (Reference)</p> <p>Shift solenoid G control (+)</p> <ul style="list-style-type: none"> • TCM terminal: 2Z • Oscilloscope setting: 2.5 V/DIV (Y) 1 ms/DIV (X) • Measuring condition: M position 	<p>Inspection Using An Oscilloscope (Reference)</p> <p>Shift solenoid F control (+)</p> <ul style="list-style-type: none"> • TCM terminal: 2Z • Oscilloscope setting: 2.5 V/DIV (Y) 1 ms/DIV (X) • Measuring condition: M position 	<p>Inspection Using An Oscilloscope (Reference)</p> <p>Shift solenoid G control (+)</p> <ul style="list-style-type: none"> • TCM terminal: 2Z • Oscilloscope setting: 2.5 V/DIV (Y) 1 ms/DIV (X) • Measuring condition: M position

TCM

- The TCM detects the vehicle conditions and performs calculations and processing based on input information from each type of sensor and switch.
- Outputs control signals to each solenoid valve so that each type of control is optimally implemented according to the vehicle conditions.



	: FRONT HARNESS
	: EMISSION HARNESS
	: REAR HARNESS