



2018 Mazda CX-5  
POWER LIFTGATE SYSTEM (PLG)

0914-5b

0914-501A PLG CONTROL MODULE	0914-501B PLG CONTROL MODULE	0914-502 PLG DRIVE UNIT (LH)	0914-503 PLG DRIVE UNIT (RH)	0914-505 PLG REAR SWITCH
		0914-509 PLG TOUCH SENSOR (LH)	0914-510 PLG TOUCH SENSOR (RH)	0922-104 PLG FRONT SWITCH / CLUSTER SWITCH

Power liftgate (PLG) control module terminal voltage table (reference)

Terminal	Measurement condition	Voltage (V)/Continuity
1E	Under any condition	1.0 or less
1F	Under any condition	1.0 or less
1G	Liftgate is operating	Wave pattern (See Inspection Using an Oscilloscope (Reference) .)
1H	Liftgate is operating	Wave pattern (See Inspection Using an Oscilloscope (Reference) .)
1I	Liftgate is operating	Wave pattern (See Inspection Using an Oscilloscope (Reference) .)
1J	Liftgate is operating	Wave pattern (See Inspection Using an Oscilloscope (Reference) .)
1K	Under any condition	B+
1L	Under any condition	B+
1M	Under any condition	1.0 or less
1N	When pressure is applied to the power liftgate (PLG) touch sensor (LH)	1.0 or less
	Other	B+
1P	When pressure is applied to the power liftgate (PLG) touch sensor (RH)	1.0 or less
	Other	B+
1Y	Power liftgate (PLG) front switch: Switch is at ON	B+
	Power liftgate (PLG) front switch: Switch is at OFF	1.0 or less
1AC	Power liftgate (PLG) front switch: Open or close switch is at ON	1.0 or less
	Power liftgate (PLG) front switch: Open or close switch is at OFF	B+
1AF	When operating the power liftgate (PLG) rear switch	B+
	When not operating the power liftgate (PLG) rear switch	1.0 or less
2A	Liftgate open operation	B+
	Other	1.0 or less
2B	Liftgate close operation	B+
	Other	1.0 or less
2C	Liftgate close operation	B+
	Other	1.0 or less
2E	Liftgate open operation	B+
	Other	1.0 or less

Inspection using an oscilloscope (reference)

- Connection terminal:
  - 1G (+) ↔ body ground (-)
  - 1H (+) ↔ body ground (-)
  - 1I (+) ↔ body ground (-)
  - 1J (+) ↔ body ground (-)
  - 1L (+) ↔ body ground (-)
- Oscilloscope setting: 2 V/DIV (Y), 1 ms/DIV (X), DC range



