

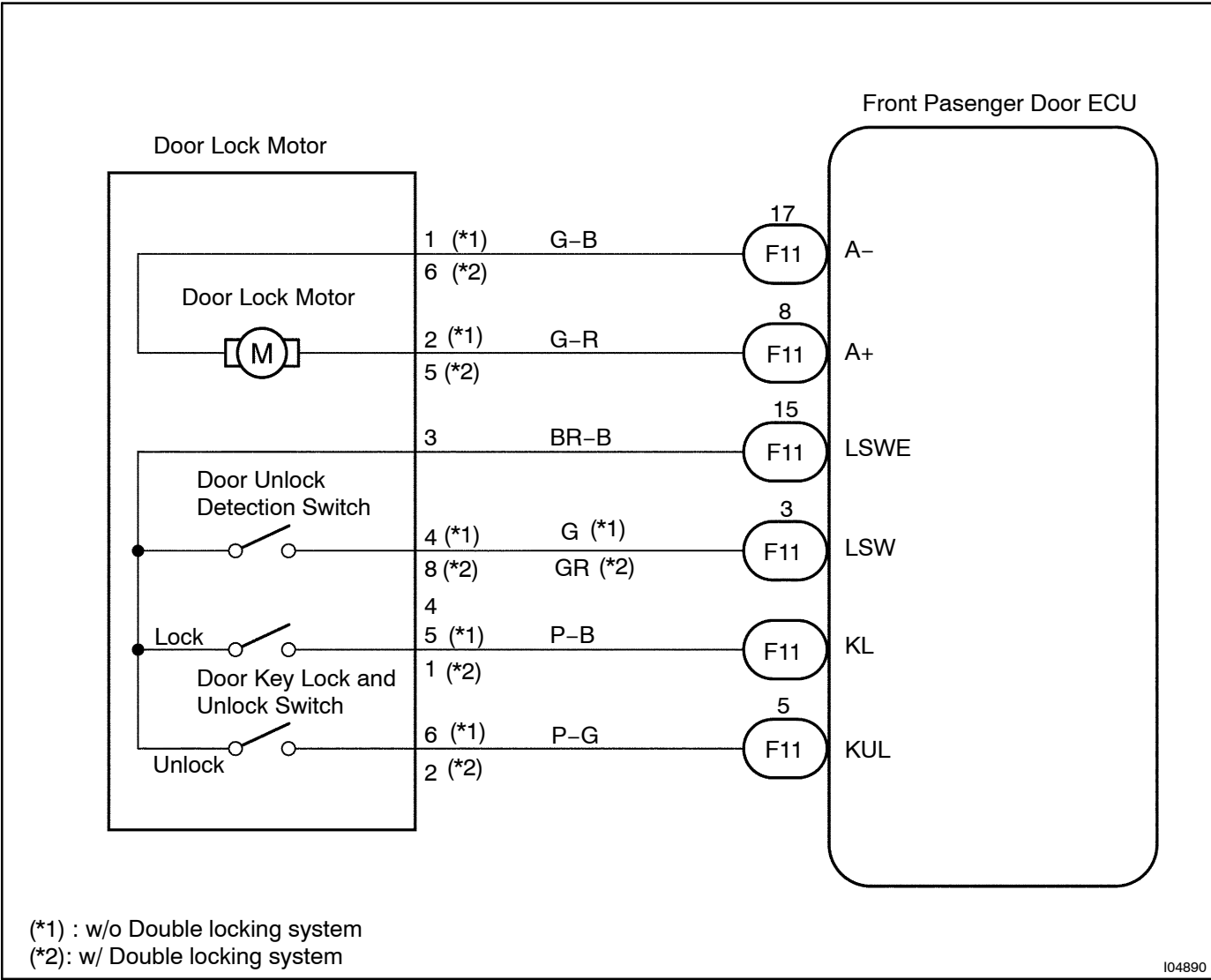
Door key lock and unlock switch circuit

CIRCUIT DESCRIPTION

The door key lock and unlock switch is built in the door key cylinder. When the key is turned to the lock side, terminal 3 of the switch is grounded and when the key is turned to the unlock side, terminal 2 of the switch is grounded.

Door key lock and unlock switch can be checked using DTC check. (Refer to [DI-769](#))

WIRING DIAGRAM



Door Lock Motor

Door Unlock Detection Switch

Lock

Door Key Lock and Unlock Switch

Unlock

Front Passenger Door ECU

Door Component	ECU Pin	Wire Color	ECU Label
Door Lock Motor	17	G-B	A-
Door Lock Motor	8	G-R	A+
Door Unlock Detection Switch	15	BR-B	LSWE
Door Unlock Detection Switch	3	G (*1)	LSW
Door Unlock Detection Switch	2	GR (*2)	KL
Lock	1	P-B	KL
Door Key Lock and Unlock Switch	5	P-G	KUL

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1 Check the door key lock and unlock switch using DTC check (See page DI-769).

Proceed to next circuit inspection shown on problem symptom table (See Pub. No. RM588E on page DI-616).

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|----------|---|
| 2 | Check door key lock and unlock switch
(w/o double locking system: See Pub. No. RM588E on page BE-148
w/ double locking system: See page BE-12). |
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NG

Replace the door key lock and unlock switch.

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| 3 | Check wireharness and connector between door key lock and unlock switch and Front Passenger Door ECU. |
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Repair or replace wireharness or connector.

OK

Proceed to next circuit inspection shown on problem symptom table (See Pub. No. RM588E on page DI-616).