SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-13EXML42-004	DATE : 2013-10-01
SUBJECT : CHECK AT ECU TERMINAL & POWER WINDOWS		<Affected Destination/Model> (MMNA/USTP/EUR/RUSSIA /G.EXP/GCC/MMAL/NZ) <M/Y> 14
GROUP : BODY(Gr:42A)		OUTLANDER SPORT/ASX(GA0W)

1. Description :

Please refer to the attached document for the correction of the error in writing existing in the applicable service manual.

2. Affected service manuals :

Please refer to the attached document (Attached sheet 1)

3. About the details :

Please refer to the attached document (Attached sheet 2-3/5-7)

＜MMNA＞

Applicable manual	Pub. No.	Applicable title (INFO-ID)	Contents
2014 OUTLANDER SPORT Service Manual	MSCD-017B-2014	CHECK AT ECU TERMINAL (M429-01-360-91500-01)	Attached sheet 2
		POWER WINDOWS (M901-00-466-28200-01)	Attached sheet 5

＜EU/RUSSIA＞

Applicable manual	Pub. No.	Applicable title (INFO-ID)	Contents
2014 ASX Workshop Manual CD-ROM	CGAE14E1-CD (ENGLISH), CGAF14E1-CD (FRENCH), CGAG14E1-CD (GERMAN), CGAS14E1-CD (SPANISH), CGAI14E1-CD (ITALIAN) RUSSIA:N/A	CHECK AT ECU TERMINAL (M429-01-360-89600-01)	Attached sheet 3
		POWER WINDOWS <LHD> (M901-00-466-26000-01)	Attached sheet 6
		POWER WINDOWS <RHD> (M901-00-466-27100-01)	Attached sheet 7

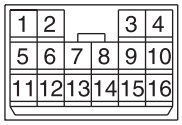
＜G.EXP/GCC/MMAL/NZ＞

Applicable manual	Pub. No.	Applicable title (INFO-ID)	Contents
2014 OUTLANDER SPORT / ASX Workshop Manual CD-ROM	PWPE1312R (ENGLISH) PWPS1313R (SPANISH) MMAL:AU900410 NZ:DRAFT	POWER WINDOWS <LHD> (M901-00-466-24800-01)	Attached sheet 6
		POWER WINDOWS <RHD> (M901-00-466-25900-01)	Attached sheet 7

Attached Sheet 2

CHECK AT ECU TERMINAL

POWER WINDOW MAIN SWITCH TERMINAL CHECK





<Incorrect>

<Correct>

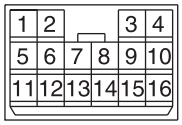
ACC00076 AC

Terminal No.	Terminal code	Check item	Check condition	Normal condition
1	D.AS	Output to power window motor (Passenger's side)	The front passenger's window lowers	System voltage
			The front passenger's window rises	1 V or less
2	U.AS	Output to power window motor (Passenger's side)	The front passenger's window rises	System voltage
			The front passenger's window lowers	1 V or less
3	MU	Output to power window motor (Driver's side)	The driver's window rises	1 V or less
			The driver's window lowers	System voltage
3	MD	Output to power window motor (Driver's side)	The driver's window lowers	1 V or less
			The driver's window rises	System voltage
4	MD	Output to power window motor (Driver's side)	The driver's window lowers	1 V or less
			The driver's window rises	System voltage
4	MU	Output to power window motor (Driver's side)	The driver's window rises	1 V or less
			The driver's window lowers	System voltage
5	+BP	Power supply	Always	System voltage
6	SGND	Input from power window motor (pulse sensor earth)	–	1 V or less
6	SEN1	Input from power window motor (pulse sensor signal)	When the power windows are operating	0 to 5 V (pulse signal)
7	VCC	Input from power window motor (power supply to pulse sensor)	When the power windows are operating	5 V
7	SGND	Input from power window motor (pulse sensor earth)	–	1 V or less
8	E.DL	Earth	Always	1 V or less
9	SEN1	Input from power window motor (pulse sensor signal)	When the power windows are operating	0 to 5 V (pulse signal)
9	VCC	Input from power window motor (power supply to pulse sensor)	When the power windows are operating	5 V
10	+B	Power supply	Ignition switch: ON	Battery positive voltage
11	D.RR	Output to power window motor (Rear right side)	The rear right window lowers	System voltage
			The rear right window rises	1 V or less

Attached Sheet 3

CHECK AT ECU TERMINAL

POWER WINDOW MAIN SWITCH TERMINAL CHECK





<Correct>

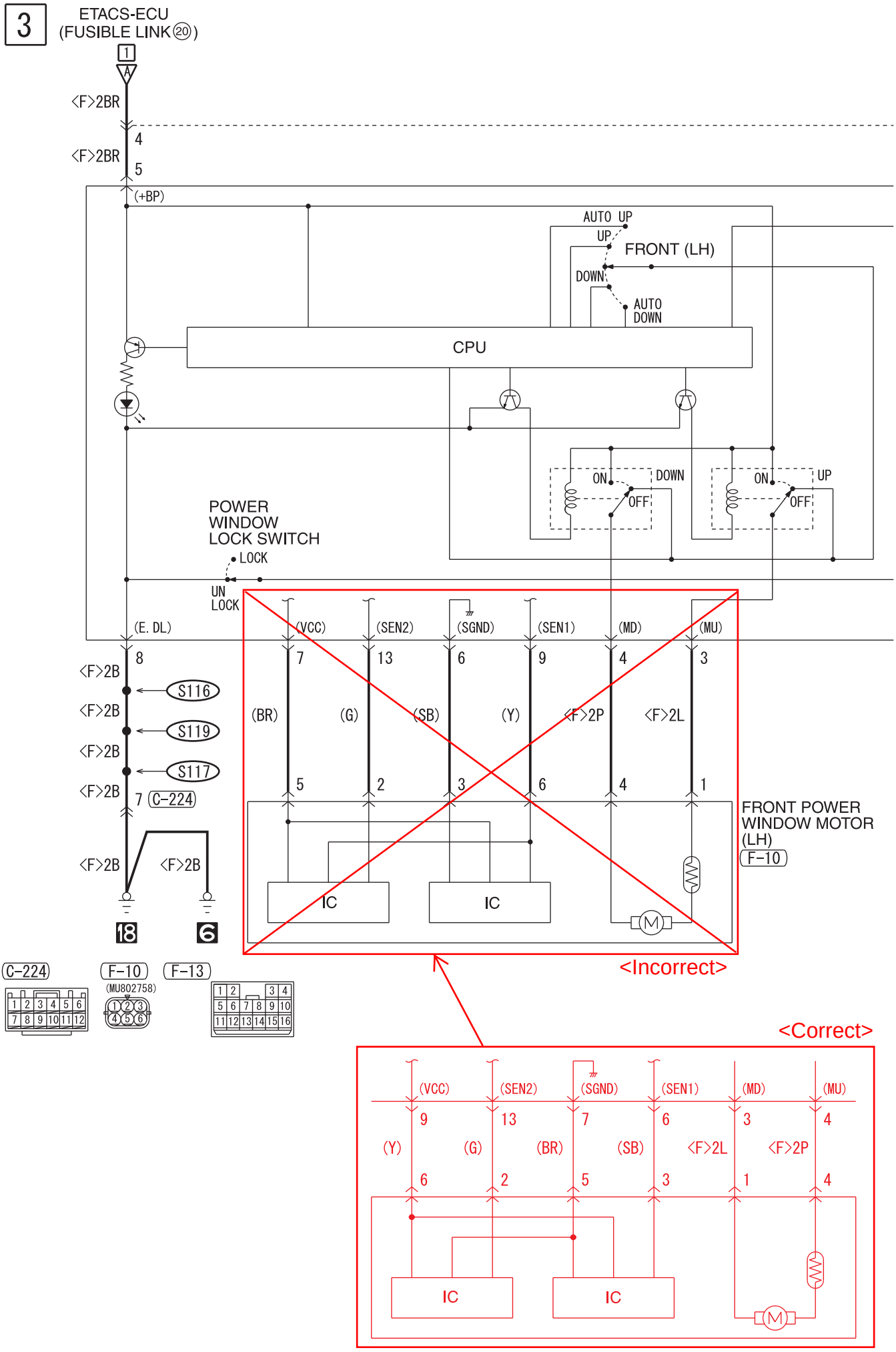
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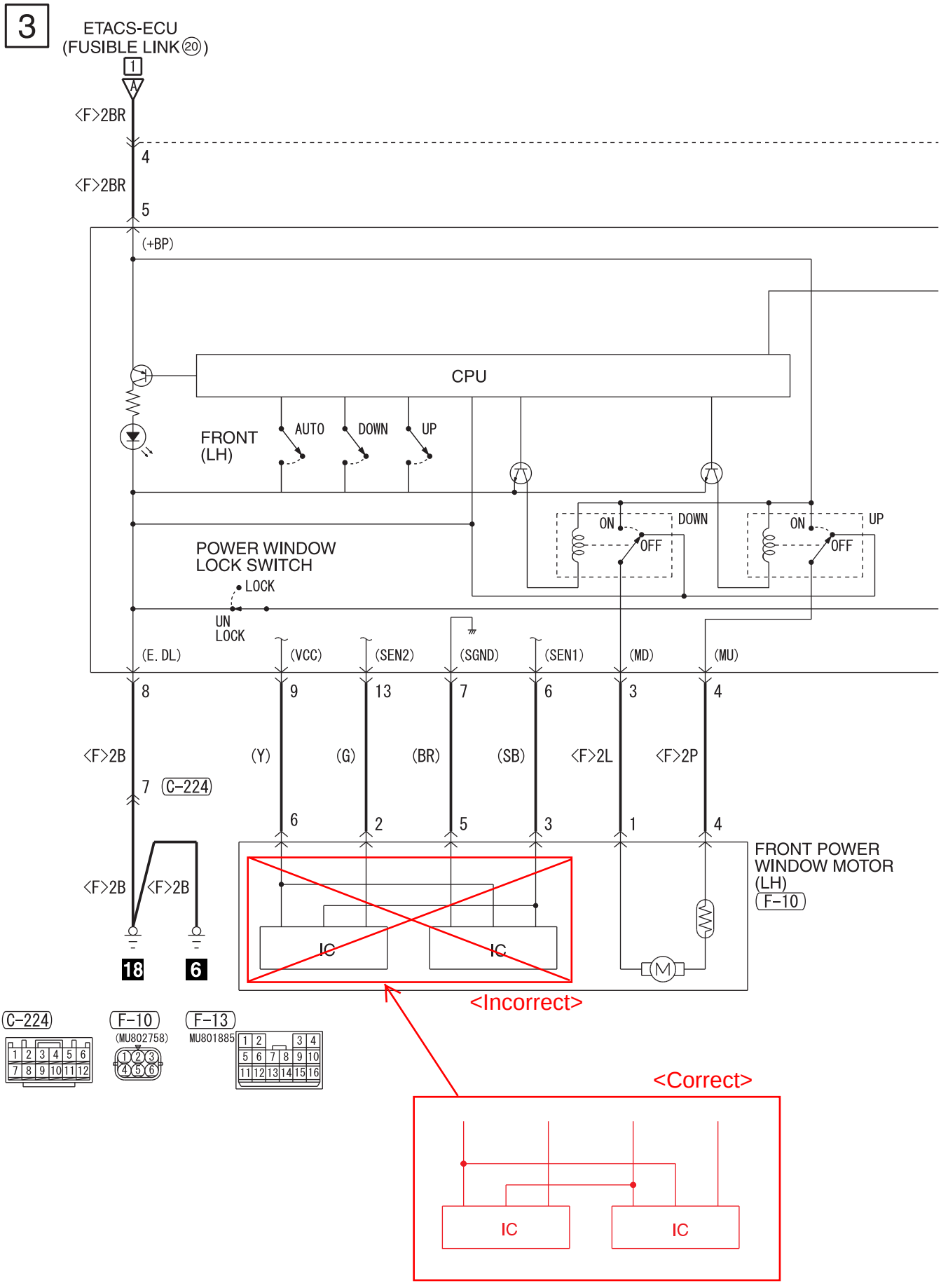
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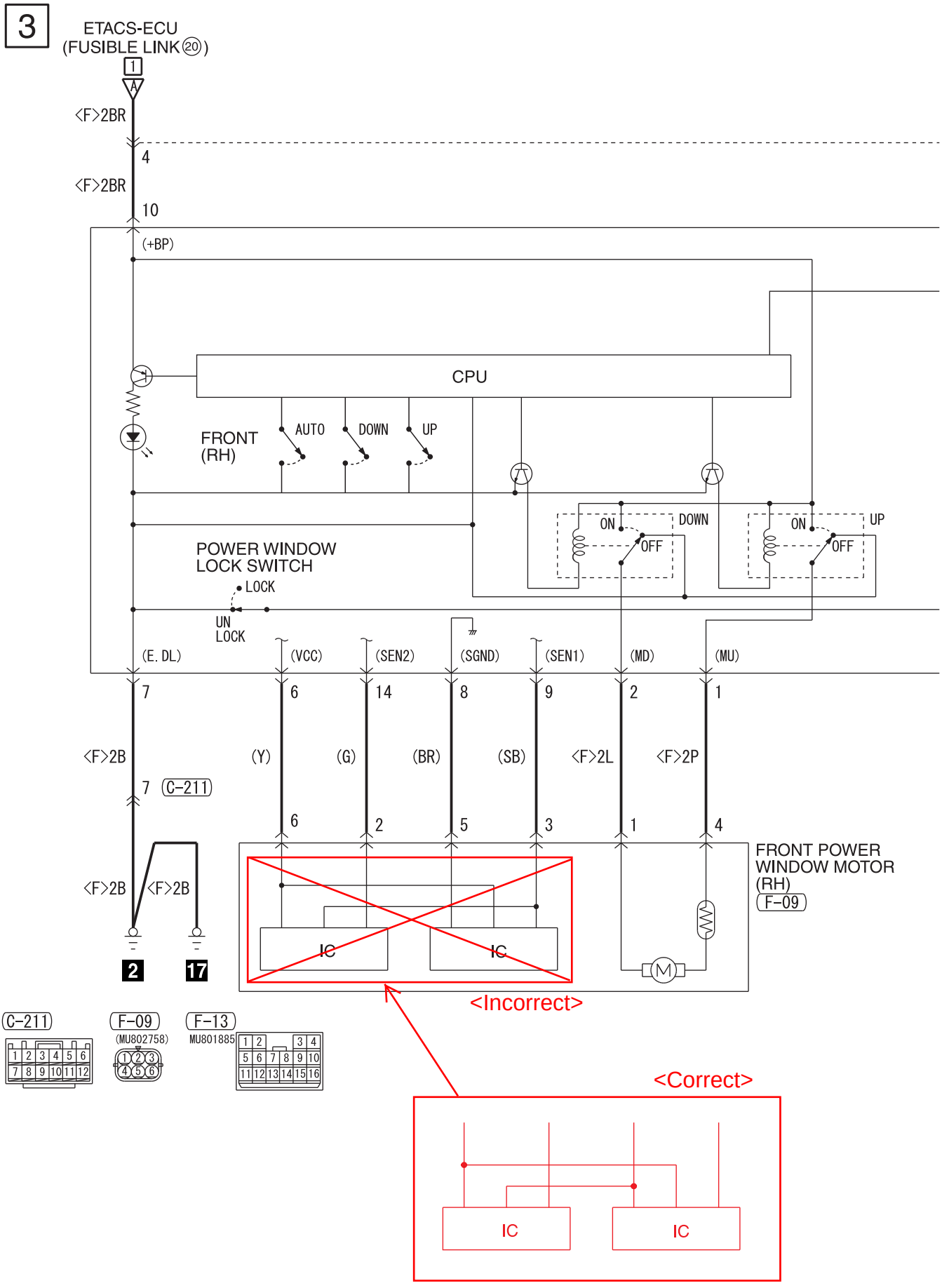
Terminal No.	Terminal code	Check item	Check condition	Normal condition
1	D.AS	Output to power window motor (Passenger's side)	The front passenger's window lowers	System voltage
			The front passenger's window rises	1 V or less
2	U.AS	Output to power window motor (Passenger's side)	The front passenger's window rises	System voltage
			The front passenger's window lowers	1 V or less
3	MU	Output to power window motor (Driver's side)	The driver's window rises	1 V or less
			The driver's window lowers	System voltage
3	MD	Output to power window motor (Driver's side)	The driver's window lowers	1 V or less
			The driver's window rises	System voltage
4	MD	Output to power window motor (Driver's side)	The driver's window lowers	1 V or less
			The driver's window rises	System voltage
4	MU	Output to power window motor (Driver's side)	The driver's window rises	1 V or less
			The driver's window lowers	System voltage
5	+BP	Power supply	Always	System voltage
6	SGND	Input from power window motor (pulse sensor earth)	–	1 V or less
6	SEN1	Input from power window motor (pulse sensor signal)	When the power windows are operating	0 to 5 V (pulse signal)
7	VCC	Input from power window motor (power supply to pulse sensor)	When the power windows are operating	5 V
7	SGND	Input from power window motor (pulse sensor earth)	–	1 V or less
8	E.DL	Earth	Always	1 V or less
9	SEN1	Input from power window motor (pulse sensor signal)	When the power windows are operating	0 to 5 V (pulse signal)
9	VCC	Input from power window motor (power supply to pulse sensor)	When the power windows are operating	5 V
10	+B	Power supply	Ignition switch: ON	Battery positive voltage

Attached sheet 5



Attached sheet 6




3
ETACS-ECU
(FUSIBLE LINK 20)
1
A
<F>2BR
4
<F>2BR
10
(+BP)
CPU
FRONT
(RH)
AUTO
DOWN
UP
ON
DOWN
OFF
ON
UP
OFF
POWER WINDOW
LOCK SWITCH
LOCK
UN
LOCK
(E. DL)
(VCC)
(SEN2)
(SGND)
(SEN1)
(MD)
(MU)
7
6
14
8
9
2
1
<F>2B
(Y)
(G)
(BR)
(SB)
<F>2L
<F>2P
7
C-211
6
2
5
3
1
4
<F>2B
<F>2B
2
17
IC
IC
FRONT POWER
WINDOW MOTOR
(RH)
F-09
<Incorrect>
C-211
F-09
(MU802758)
F-13
MU801885
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IC
IC