SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-15EXL54-501	DATE : 2015-02-24
SUBJECT : Error in writing of the troubleshooting regarding CAN		<DESTINATION/MODEL> (EU/RUSSIA/G.EXP/GCC/ MMAL/NZ) <M/Y> 15
GROUP : Gr:54(Chassis Electrical)		Pajero/Montero(V80/90)

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 :

Applicable manual	Pub. No.	Applicable title (INFO ID)
2015 PAJERO/MONTERO Workshop Manual	CVWE15E1-CD (Eng) CVWF15E1-CD (Fre) CVWG15E1-CD (Ger) CVWS15E1-CD (Spa) CVWI15E1-CD (Ita) RUSSIA:N/A	Diagnosis Item 3: Diagnose shorts between CAN_H and L lines. (M548-30-083-08900-01)
2015 PAJERO/MONTERO Workshop Manual	PWJE1401R (Eng) PWJS1402R (Spa)	Diagnosis Item 3: Diagnose shorts between CAN_H and L lines. (M548-30-083-06700-01)
2015 PAJERO Workshop Manual	AU900422 NZ:DRAFT	Diagnosis Item 3: Diagnose shorts between CAN_H and L lines. (M548-30-083-06700-01)

3. About the details :

Please refer to the attached document (Attached sheet1-2)
<For EU/RUSSIA> Attached sheet 1
<For G.EXP/GCC/MMAL/NZ> Attached sheet 2

Attached sheet 1

STEP 9. Resistance measurement at D-216 <3000-A/T, 3800> or engine-ECU connector D-245 <3000-M/T> or D-215 <3200> connector.

⚠ CAUTION

A digital multimeter should be used. For details refer to P.54D-4.

(1) Remove the engine-ECU, and measure at the equipment side.

(2) Resistance between D-216 <3000-A/T, 3800> or engine-ECU connector D-245 <3000-M/T> connector terminal Nos.61 and 62 <3000, 3800>

OK: 1 kΩ or more

(3) Resistance between D-215 engine-ECU connector terminal Nos.108 and 109 <3200>

OK: 120 ± 20 Ω

⚠ CAUTION

Strictly observe the specified wiring harness repair procedure. For details refer to P.54D-4.

Q: Is the check result normal?

YES : <1 kΩ or more> Repair the wiring harness between joint connector (CAN2) and the engine-A/T-ECU connector <3000-A/T, 3800> or engine-ECU connector <3000-M/T, 3200>.

NO : <Less than 1 kΩ> Check the engine-A/T-ECU connector <3000-A/T, 3800> or engine-ECU connector <3000-M/T, 3200>, and repair if necessary. If the engine-A/T-ECU connector <3000-A/T, 3800> or engine-ECU connector <3000-M/T, 3200> is in good condition, replace the engine-A/T-ECU ~~connector~~ <3000-A/T, 3800> or engine-ECU ~~connector~~ <3000-M/T, 3200>.

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Attached sheet 2

STEP 15. Resistance measurement at D-215 <3200> or D-245 <3000 M/T> engine-ECU connector or D-216 engine-A/T-ECU connector <3000 A/T, 3500 or 3800>.

⚠ CAUTION
A digital multimeter should be used.

(1) Remove the engine-ECU <3000 M/T or 3200> or engine-A/T-ECU <3000 A/T, 3500 or 3800>, and measure at the equipment side.
(2) Resistance between D-215 engine-ECU connector terminal Nos.108 and 109 <3200>
OK: 1 kΩ or more
(3) Resistance between D-245 engine-ECU connector terminal Nos.61 and 62 <3000 M/T>
OK: 1 kΩ or more
(4) Resistance between D-216 engine-A/T-ECU connector terminal Nos.61 and 62 <3000 A/T, 3500 or 3800>
OK: 1 kΩ or more

⚠ CAUTION
Strictly observe the specified wiring harness repair procedure.

Q: Is the check result normal?

<Incorrect>

YES : <1 kΩ or more> Repair the wiring harness between joint connector (CAN2) and the engine-ECU <3000 M/T or 3200> or engine-A/T-ECU <3000 A/T, 3500 or 3800>.
NO : <Less than 1 kΩ> Check the engine-ECU <3000 M/T or 3200> or engine-A/T-ECU <3000 A/T, 3500 or 3800>, and repair if necessary. If the engine-ECU <3000 M/T or 3200> or engine-A/T-ECU <3000 A/T, 3500 or 3800> is in good condition, replace the engine-ECU <3000 M/T or 3200> or engine-A/T-ECU <3000 A/T, 3500 or 3800>.

<Correct>

YES: <1kΩ or more> Repair the wiring harness between joint connector (CAN2) and the engine-ECU connector <3000 M/T or 3200> or engine-A/T-ECU connector <3000 A/T, 3500 or 3800>.
NO: <Less than 1kΩ> Check the engine-ECU connector <3000 M/T or 3200> or engine-A/T-ECU connector <3000 A/T, 3500 or 3800>, and repair if necessary. If the engine-ECU connector <3000 M/T or 3200> or engine-A/T-ECU connector <3000 A/T, 3500 or 3800> is in good condition, replace the engine-ECU <3000 M/T or 3200> or engine-A/T-ECU <3000 A/T, 3500 or 3800>.