SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-15E17-501	DATE : 2015-10-20
SUBJECT : Error in writing of the troubleshooting of Auto Stop & Go(AS&G)		<DESTINATION/MODEL> (EU/RUSSIA) <M/Y> 16
GROUP : Gr:17(Emission Control)		L200(KJ0T/KL0T/KK0T)

1. Description :

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

- Correction of the confirmation of the ambient temperature.
- Deletion of the No.15 “Ambient temperature” in the data list reference table.

2. Affected service manuals :

Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
2016 L200 Workshop Manual	CKTE16E1-CD(ENG) CKTF16E1-CD(FRE) CKTG16E1-CD(GER) CKTS16E1-CD(SPA) CKTI16E1-CD(ITA) RUSSIA:N/A	AS&G SYSTEM ABNORMAL (AUTO STOP NOT CARRIED OUT) (M177-00-280-24700-01)	Attached sheet 1
		DATA LIST REFERENCE TABLE (M177-00-330-17100-01)	Attached sheet 2

3. About the details :

Please refer to the attached document (Attached sheets 1-2)

YES : Go to Step 5.
NO : Perform the troubleshooting of the seat belt reminder function circuit (Refer to GROUP 54A – Combination Meter – Symptom Procedures – Seat Belt Reminder Function Does Not Work Normally).

STEP 5. M.U.T.-III data list
- Item 4: Engine hood

OK:
Close (Hood: Closed)
Open (Hood: Opened)

NOTE: If the engine hood is opened, the AS&G indicator/display in the combination meter should blink.

Q: Is the check result normal?
YES : Go to Step 6.
NO : Perform the troubleshooting of the engine hood latch switch circuit (Refer to GROUP 54A – ETACS – Input Signal Procedures – The hood latch switch signal is not received).

STEP 6. M.U.T.-III data list
- Refer to Data List Reference Table .
  a. Item 6: Clutch switch (upper)
  b. Item 7: Clutch interlock switch (bottom)
  c. Item 8: Neutral position switch
  d. Item 14: Brake vacuum sensor
  e. Item 16: Atmospheric pressure

Q: Are the check results normal?
YES : Go to Step 7.
NO : Perform the troubleshooting for the item that has an abnormal value (Refer to).

STEP 7. M.U.T.-III data list
- Refer to Data List Reference Table .
  a. Item 18: Accelerator pedal position

Q: Is the check result normal?
YES : Go to Step 8.
NO : Perform the troubleshooting of the accelerator pedal position sensor (Refer to GROUP 13A – Troubleshooting – Inspection Chart for Diagnosis Code).

STEP 8. M.U.T.-III data list
- Refer to Data List Reference Table .
  a. Item 17: Vehicle speed

Q: Is the check result normal?
YES : Go to Step 9.
NO : Perform the troubleshooting of the ASTC-ECU (Refer to GROUP 35C – Troubleshooting – Diagnosis Code Chart).

STEP 9. M.U.T.-III data list
- Refer to Data List Reference Table .
  a. Item 44: G sensor signal

Q: Is the check result normal?
YES : Go to Step 10.
NO : Perform the troubleshooting of the ASTC-ECU (Refer to GROUP 35C – Troubleshooting – Diagnosis Code Chart).

<Incorrect>

STEP 10. M.U.T.-III data list
- Item 15: Ambient temperature

OK: At ambient temperature (atmospheric temperature) or equivalent

Q: Is the check result normal?
YES : Go to Step 11.
NO : Perform the troubleshooting of the ambient temperature sensor (Refer to GROUP 55B – Troubleshooting – Symptom Procedure).

STEP 11. M.U.T.-III data list
- Check the data lists of the engine-ECU (Refer to GROUP 13A – Troubleshooting – Data List Reference Table).
- Item 7: Engine coolant temperature sensor

OK:
Engine cold state: At ambient temperature (atmospheric temperature) or equivalent.
Engine hot state: At 80 – 120°C

Q: Is the check result normal?
YES : Go to Step 12.
NO : Perform the troubleshooting of the engine coolant temperature sensor (Refer to GROUP 13A – Troubleshooting – Inspection Chart for Diagnosis Code).

<Correct>

STEP 10. Confirm the ambient temperature
- Check the ambient temperature information in combination meter

Attached sheet 2

<Deleted>

Item No.	Inspection Item	Inspection condition		Normal condition
15	Ambient temperature	Ignition switch: ON or engine running	Ambient temperature: – 20°C	– 20°C
			Ambient temperature: 0°C	0°C
			Ambient temperature: 20°C	20°C
			Ambient temperature: 40°C	40°C
			Ambient temperature: 80°C	80°C
16	Atmospheric pressure	Ignition switch: ON	Altitude: 0 m	101 kPa
			Altitude: 600 m	95 kPa
			Altitude: 1,200 m	88 kPa
			Altitude: 1,800 m	81 kPa
17	Vehicle speed	Running at 40 km/h		Approximately 40 km/h
18	Accelerator pedal position	Ignition switch: ON	Release the accelerator pedal	0 %
			Depress the accelerator pedal	Increases in response to the accelerator pedal depression stroke
			Depress the accelerator pedal fully	98 % or more
19	Starter relay (output)	At auto start		ON
		Except auto start status		OFF
20	Starter cut relay (output)	Ignition switch: ON (includes auto stop status)		ON
		Engine: Cranking (includes the cranking of auto start status)		OFF
21	DC/DC converter control signal	Change vehicle status to auto stop status.*6	Clutch pedal: Depressed (this allows the engine to achieve the auto start status)	At auto start, display status "OFF" is changed to "ON" for a second.
22	Idle stop enable (vehicle speed)	Drive the vehicle after the engine start, including the engine start of the auto start.		When vehicle speed exceeds 5 km/h, display status "Disabled" should be changed to "Enable"
23	Idle stop flag	Change vehicle status to auto stop status.*6		ON
		Except auto stop status		OFF
24	AS&G OFF indicator lamp (output)*7	Ignition switch: ON	Press the AS&G OFF switch to turn OFF the AS&G system	Turn on
			From the AS&G system OFF status, press the AS&G OFF switch to turn ON the AS&G system	Turn off