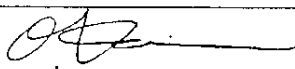




SERVICE BULLETIN

PUBLICATION GROUP, AFTER SALES SERVICE DEP.
MITSUBISHI MOTOR SALES EUROPE BV

SERVICE BULLETIN		No.: ESB-00E54-502	
		Date:2000-07-30	<Model> <M/Y>
Subject: CORRECTION TO SERVICE MODE FOR MULTI-CENTER DISPLAY		(EC)PAJERO PININ/MONTERO io (H60,H70)	00-10
Group: CHASSIS ELECTRICAL	Draftno.: 99SY111917		
INFORMATION/CORRECTION		 O. Kai - E.V.P. & G.M. After Sales Service Dept.	
1. Description: This Service Bulletin informs you that correction has been made to the service mode for the multi-center display (middle grade)			
2. Applicable Manuals:			
Manual		Pub. No.	Language
'00PAJERO PININ Workshop Manual chassis		CKRE00E1	(English)
		CKRF00E1	(French)
		CKRG00E1	(German)
		CKRD00E1	(Dutch)
		CKRI00E1	(Italian)
'00 MONTERO Workshop Manual chassis		CKRS00E1	(Spanish)
3. Details: CHASSIS ELECTRICAL – Multi-center Display <Middle Grade> (page 2,3 and 4)			

4. Service Mode For Multi-center Display

1. Enter and terminate the service mode

- (1) To enter the service mode, turn the ignition switch to ACC
- (2) Press the "H" button twice.
- (3) Press the "SET" button and (A) button at the same time.
- (4) Then the audio unit will enter the service mode.

<Correct>

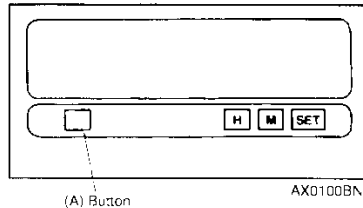
LOCK (OFF)

<Incorrect>

First of all, the service mode will show model identification for the multi center display and the vehicle identification. Then the service mode proceeds to three checks. LCD segment check, Sensor check and Unit check. To switch over these checks, press the "SET" button.

- (5) To terminate the service mode, press any button other than the "SET" button.

<Incorrect>



2. Details of the service mode

The service mode checks the following in that order:

- (1) LCD segment check
This screen is divided into four areas. Each area will be active sequentially whenever the "SET" button is pressed.
When the "SET" button is pressed four times in this screen, the service mode will proceed to the Sensor check.
- (2) Sensor check
This screen shows voltage signals from the outside temperature sensor, the fuel gauge unit, and the ignition switch as well as fuel economy.
When the "SET" button is pressed once in this screen, the service mode will proceed to the Unit check.
- (3) Unit check connected into audio system
This screen shows an audio equipment, air conditioner or MUT-II connected in the system, percentage of system voltage engine speed sent by the engine-ECU, and oscillation of internal clock.
When the "SET" button is pressed once in this screen, the service mode will return to the first screen (model identification screen).

<Correct>

- (2) While pressing (A) button, turn the ignition switch to ON. With (A) button depressed, press "H" button twice.
- (3) Press "SET" button.
- (4) Then the multi-center display will enter the service mode. Each mode will change each time "SET" button is pressed.

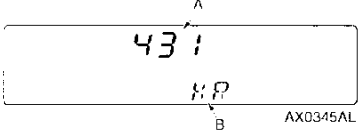
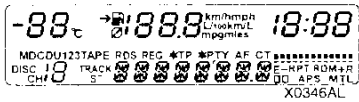

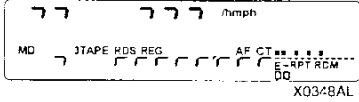
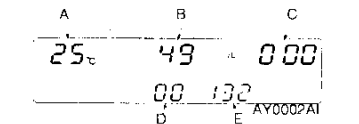
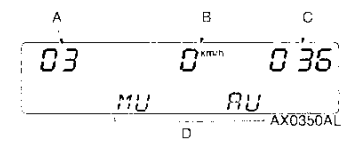
<Incorrect>

Add pages 3-4 of this bulletin here.

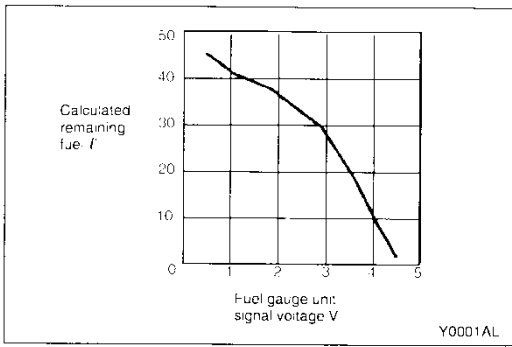
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2. Service mode menu and check procedure.

The service mode display changes by pressing "SET" button by following order. (Next to No.9, the function returns to No.1 and repeats the sequence from No.1.)

No.	Mode and display	Displayed contents	Unit	Checking item
1		A. Display model.	Code	Confirm the display model code. ("431" is displayed for this vehicle)
		B. Vehicle type.	Code	Confirm the vehicle type. ("KR" is displayed for this vehicle.)
2		All segment illuminated.	—	Check defect segments.
3		Back-lamp only. (all segment off)	—	Check damage, dust etc.
4 - 7		Each 1/4 segment illuminate. (4 different displays appear. The left figure shows the first display.)	—	Check short circuit.
8		A. Calculated outside temperature.	°C	Check the displayed value.
		B. Calculated remaining fuel.	ℓ	Check the displayed value.*2
		C. Consumed fuel quantity since.	ℓ	Check the displayed value.
		D. Fuel gauge unit signal voltage.	V*1	Check the displayed value.*2
		E. IG voltage.	V*1	Check the displayed value. (Battery positive voltage)
9		A. Voltage of MUT-II detection input.	%	Connect: more than 80, Disconnect: less than 50.
		B. Calculated vehicle speed.	Km/h	Check the displayed value.
		C. Clock.	Sec	Confirm operating.
		D. Connecting components.	Name	Conform connecte components ("MU": MUT-II< "AU": audio)

<Added>



NOTE

- *¹: Display is made in 0.1 volts.
- *²: The relationship between the calculated remaining fuel and the fuel gauge unit signal voltage is as shown in the left figure