SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-14EXML00-501	DATE : 2014-01-16
SUBJECT : VEHICLE IDENTIFICATION NUMBER		<DESTINATION/MODEL> As per attached sheet 1 <M/Y> 13-14
GROUP : GENERAL(Gr:00)		OUTLANDER/OUTLANDERPHEV (GF0W)

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 5-9)

【For overseas market】

<MMNA>

Applicable manual	Pub. No.	Applicable title (INFO-ID)	Content
2014 OUTLANDER Service manual	MSCD-007B-2014	HOW TO PERFORM VEHICLE IDENTIFICATION NUMBER (VIN) WRITING (M001-01-140-83600-01)	Attached sheet 5

<EU/RUSSIA>

Applicable manual	Pub. No.	Applicable title (INFO-ID)	Contents
2013 OUTLANDER WORKSHOP MANUAL	CGFE13E1-CD(ENG) CGFF13E1-CD(FRE) CGFG13E1-CD(GER) CGFS13E1-CD(SPA) CGFI13E1-CD(ITA) RUSSIA:N/A	HOW TO PERFORM CHASSIS NUMBER (CHASSIS NO.) (M001-01-140-83600-01)	Attached sheet 6
2014 OUTLANDER/OUTLANDER PHEV WORKSHOP MANUAL	CGFE14E2-CD(ENG) CGFF14E2-CD(FRE) CGFG14E2-CD(GER) CGFS14E2-CD(SPA) CGFI14E2-CD(ITA) RUSSIA:N/A	HOW TO PERFORM CHASSIS NUMBER (CHASSIS NO.) <EXCEPT PHEV> (M001-01-140-93300-01)	Attached sheet 7
		HOW TO PERFORM CHASSIS NUMBER (CHASSIS NO.) <PHEV> (M001-01-140-88101-01)	Attached sheet 8

<G.EXP/GCC>

Applicable manual	Pub. No.	Applicable title (INFO-ID)	Content
2014 OUTLANDER WORKSHOP MANUAL	PWRE1303R(ENG) PWRS1304R(SPA)	HOW TO PERFORM CHASSIS NUMBER (CHASSIS NO.) (M001-01-140-83601-01)	Attached sheet 6

<MMAL/NZ/CHINA>

Applicable manual	Pub. No.	Applicable title (INFO-ID)	Content
2013 OUTLANDER WORKSHOP MANUAL	AU900304 NZ/CHINA:DRAFT	HOW TO PERFORM CHASSIS NUMBER (CHASSIS NO.) (M001-01-140-83600-01)	Attached sheet 6

<MMAL/NZ>

Applicable manual	Pub. No.	Applicable title (INFO-ID)	Content
2014 OUTLANDER/OUTLANDER PHEV WORKSHOP MANUAL	AU900408 NZ:DRAFT	HOW TO PERFORM CHASSIS NUMBER (CHASSIS NO.) (M001-01-140-94400-01)	Attached sheet 9

Attached sheet 5

NOTE: For details on how to use the scan tool (M.U.T.-III), refer to the "M.U.T.-III Owner's Manual."

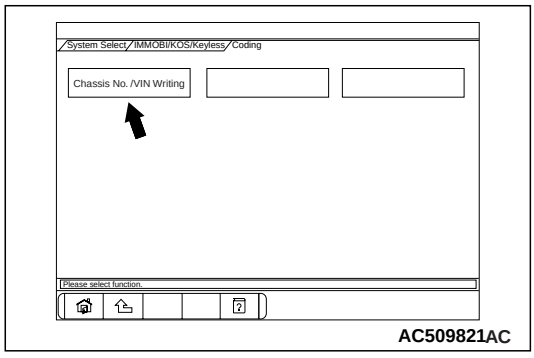
1. Start up the personal computer.
2. Connect special tool MB992747/M992748 or special tool MB991827 to special tool MB992744 or special tool MB991824 and the personal computer.
3. Connect special tool MB992745 or special tool MB991910 to special tool MB992744 or special tool MB991824.
4. Connect special tool MB992745 or special tool MB991910 to the data link connector.

   NOTE: When the special tool MB992745 is connected to the data link connector, the special tool MB992744 indicator light will be illuminated in a green color.
5. Turn the power switch of special tool MB991824 to the "ON" position. <When using the special tool MB991824>

   NOTE: When special tool MB991824 is energized, special tool MB991824 indicator light will be illuminated in a green color.

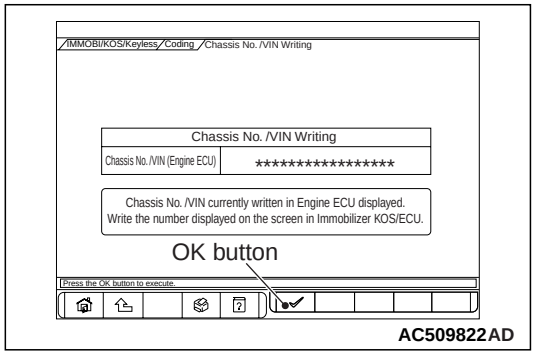
<Incorrect>

6. ~~Start the M.U.T.-III system on the personal computer and turn the ignition switch to the "ON" position.~~
7. Select "F.A.S.T./IMMO/Keyless" button from the "System Select" screen. Then, select the applicable option code item and push the OK button.
   - For vehicles with KOS, select "IMMOBI&F.A.S.T." For vehicles without KOS, select "Immobi&Keyless."
8. Select "Coding" on the next screen.



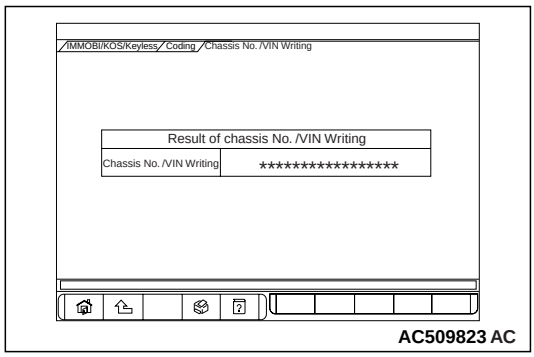
AC509821AC

9. Select "Chassis No. /VIN Writing" on "Coding" screen.



AC509822AD

10. Push the OK button after the Chassis No./VIN written in the ECM is displayed.
11. Push the OK button after "Chassis No./VIN Writing will start. Are you sure?" is displayed.
12. Push the OK button after "Completed." is displayed.



AC509823AC

13. Result of Chassis No./VIN writing is displayed.
14. Resister the other ID code. (Refer to GROUP 42A, On-vehicle service – ID Codes Registration Procedure <Vehicles without KOS>, GROUP 42B, On-vehicle service – ID Codes Registration Procedure <Vehicles with KOS> or GROUP 54A, On-vehicle service – ID Codes Registration Procedure <Vehicles without KOS>.)

<Correct>

Start the M.U.T.-III system on the personal computer.

<Correct>
Start the M.U.T.-III system on the personal computer.

Attached sheet 6

4. Connect the V.C.I.-Lite main harness A or M.U.T.-III main harness A to the diagnosis connector of the vehicle.

   NOTE: When the V.C.I.-Lite is connected to the diagnosis connector, the V.C.I.-Lite indicator lamp will be illuminated in a green colour.

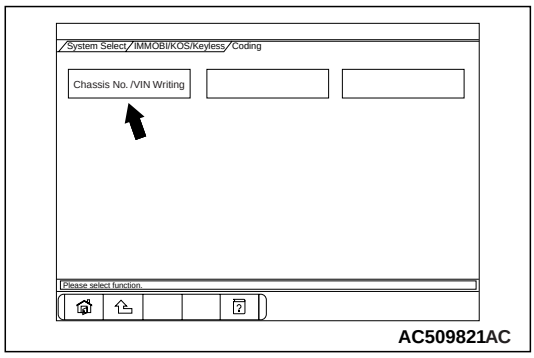
5. Turn the V.C.I. power switch to the "ON" position. <When using the V.C.I.>

   NOTE: When the V.C.I. is energized, the V.C.I. indicator lamp will be illuminated in a green colour. <Incorrect>

6. ~~Start the M.U.T.-III system on the personal computer and turn the ignition switch to the "ON" position.~~

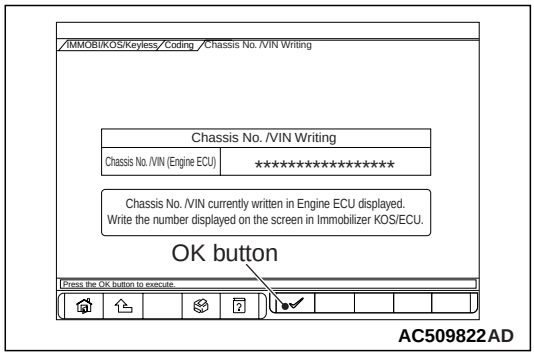
7. Select "KOS/IMMO/Keyless" button from the "System Select" screen. Then, select the applicable option code item and push the OK button.
   - For vehicles with KOS, select "KOS&Immobi." For vehicles without KOS, select "Immobi&Keyless."

8. Select "Coding" on the next screen.



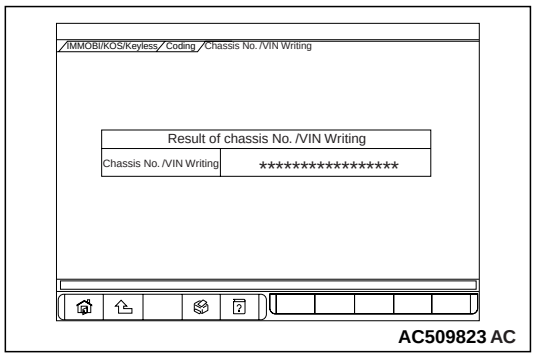
AC509821AC

9. Select "Chassis No. /VIN Writing" on "Coding" screen.



AC509822AD

10. Push the OK button after the Chassis No./VIN written in the engine-ECU is displayed.
11. Push the OK button after "Chassis No./VIN Writing will start. Are you sure?" is displayed.
12. Push the OK button after "Completed." is displayed.



AC509823 AC

13. Result of Chassis No./VIN writing is displayed.
14. Resister the other ID code. (Refer to GROUP 42A, On-vehicle service – ID Codes Registration Procedure <Vehicles without KOS>, GROUP 42B, On-vehicle service – ID Codes Registration Procedure <Vehicles with KOS> or GROUP 54A, On-vehicle service – ID Codes Registration Procedure <Vehicles without KOS>.)

CODING LIST

M1001015001929

⚠ CAUTION

With the ETACS functions being customised, if any of the ETACS-ECU variant coding and option coding items are changed, the customised contents are reset. In such case, the functions need to be recustomised.

Before troubleshooting, check that the coding data written into the engine-ECU, SRS-ECU and ETACS-ECU are normal. If they are not the same as the initial settings, various functions and systems do not work normally.

VARIANT CODING

The coding data can be checked by operating M.U.T.-III.

<Correct>
Start the M.U.T.-III system on the personal computer.

Attached sheet 7

4. Connect the V.C.I.-Lite main harness A or M.U.T.-III main harness A to the diagnosis connector of the vehicle.

   NOTE: When the V.C.I.-Lite is connected to the diagnosis connector, the V.C.I.-Lite indicator lamp will be illuminated in a green colour.

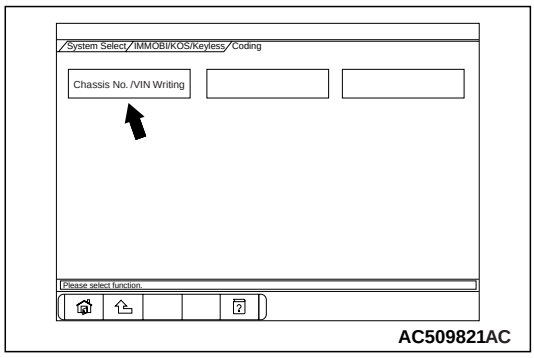
5. Turn the V.C.I. power switch to the "ON" position. <When using the V.C.I.>

   NOTE: When the V.C.I. is energised, the V.C.I. indicator lamp will be illuminated in a green colour. <Incorrect>

6. ~~Start the M.U.T.-III system on the personal computer and turn the ignition switch to the "ON" position.~~

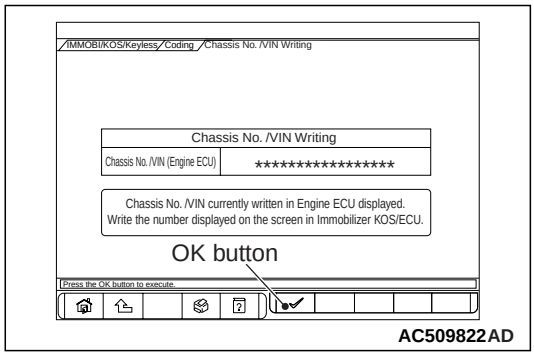
7. Select "KOS/IMMO/Keyless" button from the "System Select" screen. Then, select the applicable option code item and push the OK button.
   - For vehicles with KOS, select "KOS&Immobi."
     For vehicles without KOS, select "Immobi&Keyless."

8. Select "Coding" on the next screen.



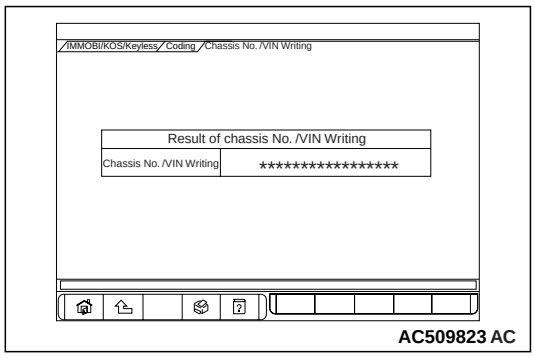
AC509821AC

9. Select "Chassis No. /VIN Writing" on "Coding" screen.



AC509822AD

10. Push the OK button after the Chassis No./VIN written in the engine-ECU is displayed.
11. Push the OK button after "Chassis No./VIN Writing will start. Are you sure?" is displayed.
12. Push the OK button after "Completed." is displayed.



AC509823 AC

13. Result of Chassis No./VIN writing is displayed.
14. Resister the other ID code. (Refer to GROUP 42A, On-vehicle service – ID Codes Registration Procedure <Vehicles without KOS>, GROUP 42B, On-vehicle service – ID Codes Registration Procedure <Vehicles with KOS> or GROUP 54A, On-vehicle service – ID Codes Registration Procedure <Vehicles without KOS>.)

CODING LIST <EXCEPT PHEV>

M1001015002483

⚠ CAUTION

With the ETACS functions being customised, if any of the ETACS-ECU variant coding and option coding items are changed, the customised contents are reset. In such case, the functions need to be recustomised.

Before troubleshooting, check that the coding data written into the engine-ECU, SRS-ECU and ETACS-ECU are normal. If they are not the same as the initial settings, various functions and systems do not work normally.

VARIANT CODING

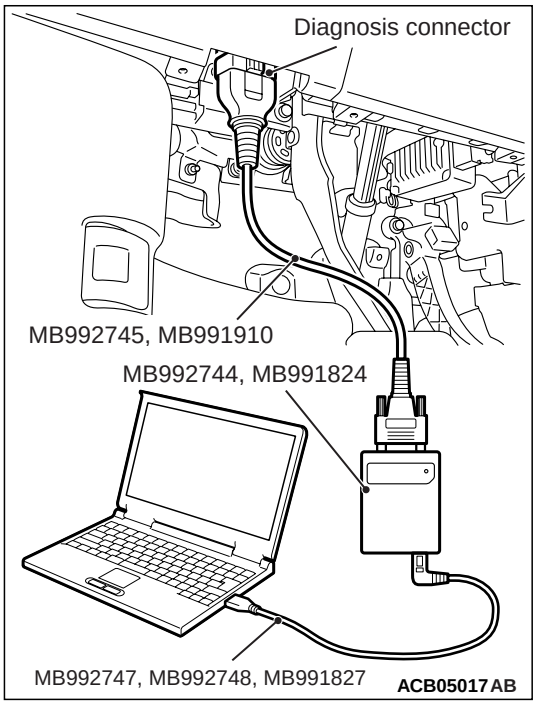
The coding data can be checked by operating M.U.T.-III.

How to write the chassis number to the KOS-ECU

⚠ CAUTION

- **Check that B2416 "ECU internal error (EEPROM)" is not stored. When diagnosis code No. B2416 "ECU internal error (EEPROM)" is stored, even if you attempt to write the chassis number, it cannot be stored. Therefore, when this diagnosis code is stored, perform troubleshooting and repair a defective component, and then write the chassis number to the KOS-ECU.**

<Incorrect>



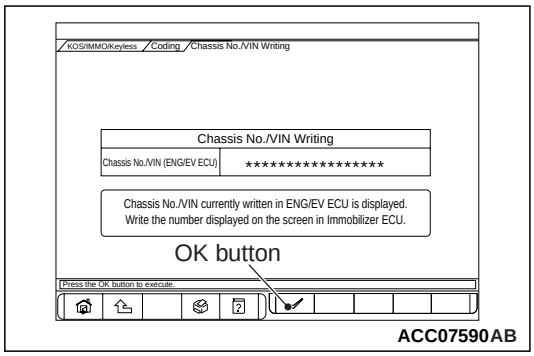
Connect the M.U.T.-III to the 16-pin diagnosis connector as follows.

NOTE: For details on how to use the M.U.T.-III, refer to the "M.U.T.-III operation manual."

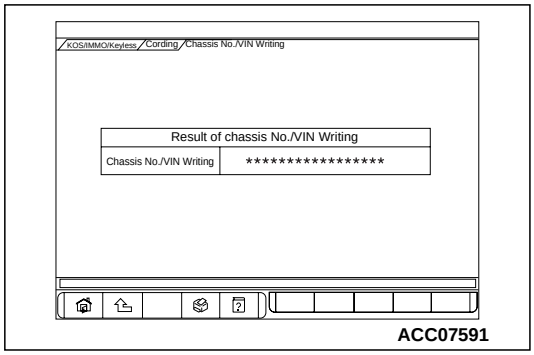
1. The power supply mode of the electric motor switch should be turned off.
2. Start up the personal computer.
3. Connect the special tool V.C.I.-Lite USB cable (MB992747/MB992748) or the M.U.T.-III USB cable (MB991827) to the vehicle communication interface lite (V.C.I.-Lite) (MB992744) or the vehicle communication interface (V.C.I.)(MB991824) and the PC.
4. Connect the special tool V.C.I.-Lite man wiring harness A or the M.U.T.-III main wiring harness A (MB991910) to the V.C.I.-Lite or the V.C.I.
5. Connect the V.C.I.-Lite man wiring harness A or the M.U.T.-III main wiring harness A (MB991910) to the vehicle diagnosis connector.

   NOTE: When the V.C.I.-Lite is connected to the diagnosis connector, the indicator lamp on the V.C.I.-Lite will illuminate in green.
6. Turn the V.C.I. power switch to the "ON" position <when using the V.C.I.>.

   NOTE: When the V.C.I. is turned ON, the V.C.I. indicator lamp will be illuminated in green.
7. Start the M.U.T.-III system on the PC and turn on the power supply mode of the electric motor switch.
8. Select "KOS/IMMO/Keyless" on "System selection" screen.
9. On the next screen, select "Coding".
10. On the "Coding" screen, select "Chassis number writing."



11. When the chassis number written to engine-ECU is displayed, press the OK button.
12. "Write the chassis number. Are you OK?" will be displayed. Then press the OK button.
13. When "Completed" is displayed, press the OK button.



14. Chassis number writing result is displayed.
15. Register the other ID codes. (Refer to GROUP 42B, On-vehicle Service – How to register an keyless operation key)

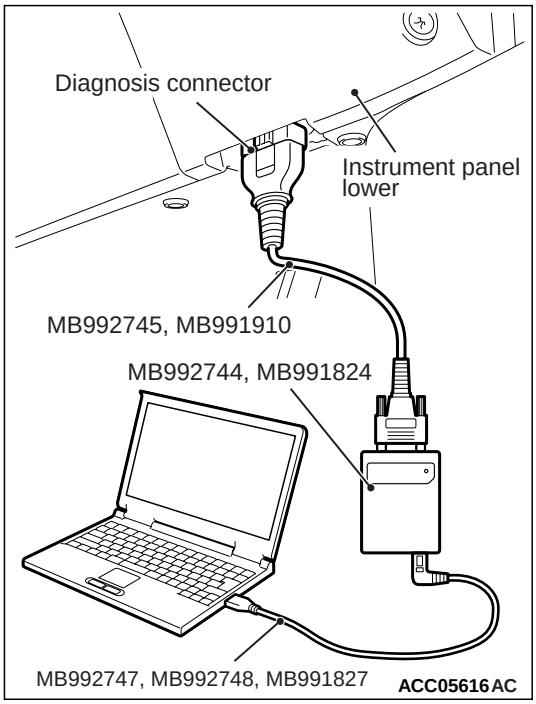
Attached sheet 9

<Correct> Start the M.U.T.-III system on the PC.

How to write the chassis number to the KOS-ECU

⚠ CAUTION

- **Check that B2416 "ECU internal error (EEPROM)" is not stored. When diagnosis code No. B2416 "ECU internal error (EEPROM)" is stored, even if you attempt to write the chassis number, it cannot be stored. Therefore, when this diagnosis code is stored, perform troubleshooting and repair a defective component, and then write the chassis number to the KOS-ECU.**



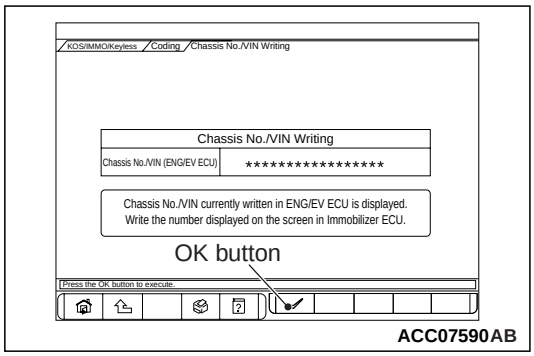
Connect the M.U.T.-III to the 16-pin diagnosis connector as follows.

NOTE: For details on how to use the M.U.T.-III, refer to the "M.U.T.-III operation manual."

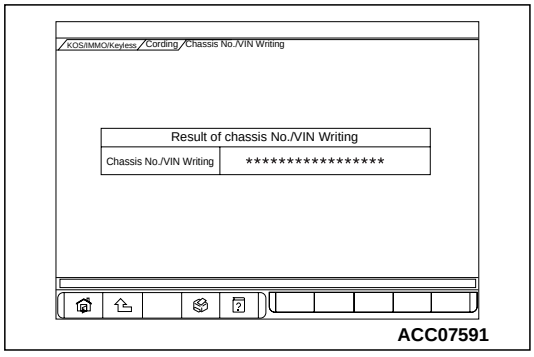
1. The power supply mode of the electric motor switch should be turned off.
2. Start up the personal computer.
3. Connect the special tool V.C.I.-Lite USB cable (MB992747/MB992748) or the M.U.T.-III USB cable (MB991827) to the vehicle communication interface lite (V.C.I.-Lite) (MB992744) or the vehicle communication interface (V.C.I.)(MB991824) and the PC.
4. Connect the special tool V.C.I.-Lite man wiring harness A or the M.U.T.-III main wiring harness A (MB991910) to the V.C.I.-Lite or the V.C.I.
5. Connect the V.C.I.-Lite man wiring harness A or the M.U.T.-III main wiring harness A (MB991910) to the vehicle diagnosis connector.

   NOTE: When the V.C.I.-Lite is connected to the diagnosis connector, the indicator lamp on the V.C.I.-Lite will illuminate in green.
6. Turn the V.C.I. power switch to the "ON" position <when using the V.C.I.>.

   NOTE: When the V.C.I. is turned ON, the V.C.I. indicator lamp will be illuminated in green.
7. ~~Start the M.U.T.-III system on the PC and turn on the power supply mode of the electric motor switch.~~
8. Select "KOS/IMMO/Keyless" on "System selection" screen. <Incorrect>
9. On the next screen, select "Coding".
10. On the "Coding" screen, select "Chassis number writing."



11. When the chassis number written to engine-ECU is displayed, press the OK button.
12. "Write the chassis number. Are you OK?" will be displayed. Then press the OK button.
13. When "Completed" is displayed, press the OK button.



14. Chassis number writing result is displayed.
15. Register the other ID codes. (Refer to GROUP 42B, On-vehicle Service – How to register an keyless operation key)