

# SERVICE INFORMATION BULLETIN

Bulletin Number: 14-007

Models: FE/FG

Issue Date: April 2014

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**NOTE:** The information contained in this document is intended for use by trained, professional technicians with the knowledge, tools, and equipment to properly and safely perform diagnoses and repairs. It informs service technicians about conditions that may occur in some vehicles, or provides information that could assist in proper vehicle diagnosis, service, or repair, and does not indicate that a defect is present. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or that a described repair applies to any particular vehicle. There can be multiple causes resulting in the same symptoms or conditions, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis.

**SUBJECT:**

Introduction of the Idle Limiting System

**POTENTIALLY AFFECTED MODELS:**

2012 M/Y and newer FEC52, FEC72, FEC92, and FGB72 Canter vehicles

**DESCRIPTION:**

An idle limiting system can be enabled which will limit the amount of time a vehicle can remain parked with the engine running. With this system enabled, a warning time limit and a shut down time limit will be set in the EEC. When the warning time limit is reached, the driver will be alerted by an audible alarm. Once the shut down time limit has been reached, the system will shut down the engine. The system can be programmed to function with or without the parking brake applied. Engine operating temperature must reach at least 160°F (71°C) for this system to become active. The attached instructions will guide technicians through programming and enabling this system. When complete, affix an ILS label as shown below.

**IMPORTANT!** Fuso Diagnostics version FDS-R13-1.2 or later must be installed to program and enable this system.



Please initial and route to the following personnel before filing.

Service Mgr.		Warranty Mgr.		Service Technicians - Initial in boxes below.								
Shop Foreman		Parts Mgr.										



## Idle Limiting System

Note: Before starting any reprogramming, make sure that Fuso Diagnostics (FD) and the vehicle's batteries are fully charged.

1 - Connect FD to the vehicle. Check the version of the XENTRY diagnostic program to ensure that version **FDS-R13-1.2 or higher** is installed. Click the Gear icon (1). Click System and data version of Xentry diagnostics (2). Check for Version FDS-R13-1.2 or higher.

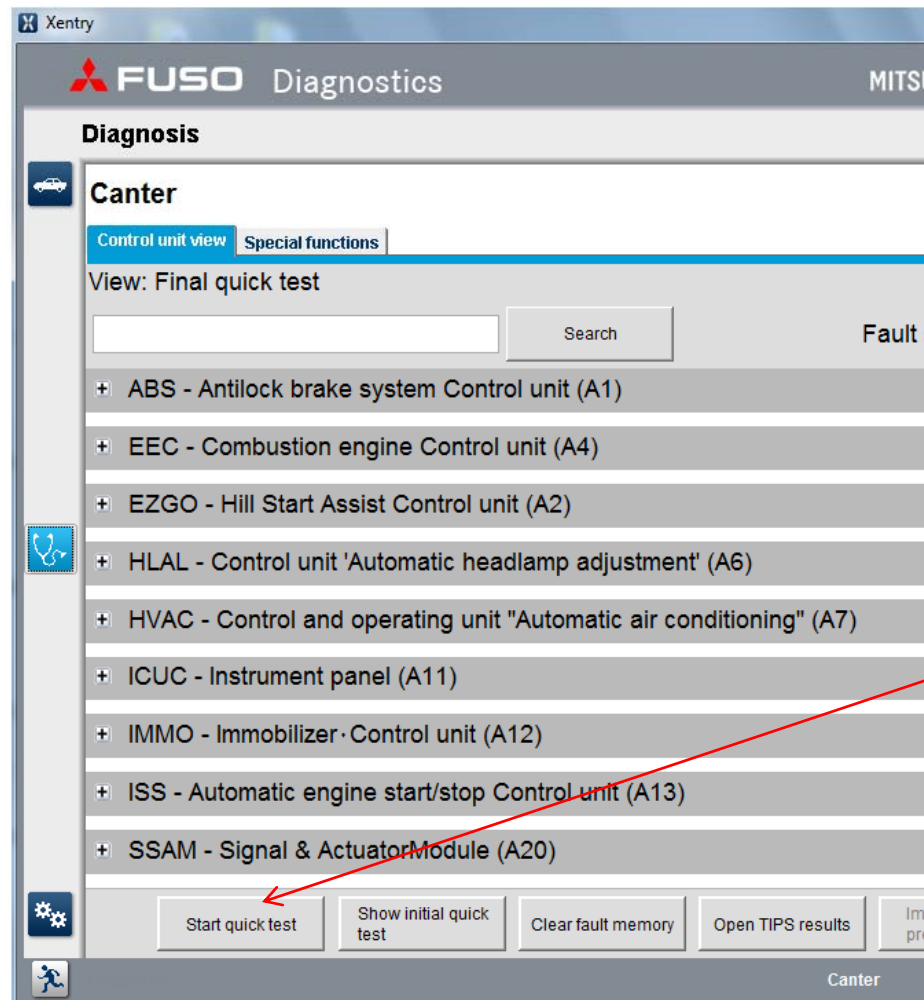
The screenshot shows the Xentry diagnostic software interface. The top bar displays the FUSO logo and 'MITSUBISHI FUSO TRUCK & BUS'. The main window is titled 'System settings' and contains a list of settings. A red circle labeled '1' points to the gear icon in the bottom left corner. A red circle labeled '2' points to the 'System and data version of XENTRY diagnostics' setting. The details for this setting are shown in a table below:

Selection	System and data version of XENTRY diagnostics
General	12.0.5.0 XENTRY diagnostics version
Setting date and time format	FDS-R13-1.2 Data release of XENTRY Diagnostics
Setting language	1.2.10.4 Software version of ASAM server
System and data version of XENTRY diagnostics	8.2.63 Software version of ASAM server
Setting unit system	
Activation of text ID display	
Setting the paper format	
Vehicle determination	

A red arrow points from the 'FDS-R13-1.2' value in the table to the text 'FDS-R13-1.2' below the table.



2. Start the program and then navigate to the home screen which shows all the vehicle's control units. Perform a **“Quick Test”** on the vehicle's Electronic Control Units (ECU) . It is not advisable to reprogram any ECU with Diagnostic Trouble Codes (DTC) present in the system.





3. Open the **EEC (Electronic Engine Control)** & check the Software version on the vehicle's EEC – it must be Paaa4 to enable the Idle Limiting System. If it is not, follow the steps to reprogram the EEC.

The screenshot shows the FUSO Diagnostics interface for a Mitsubishi Fuso truck. The main menu is 'Diagnosis > Control unit'. The selected unit is 'EEC - Combustion engine Control unit (A4)'. The 'Version' tab is active, displaying a list of parameters and their values. The 'SCN (software calibration number) (CAL ID)' is 'F1CE3481H\*Paaa3', which is circled in red. A red box with an arrow points to this value, with the text 'Check Software version'.

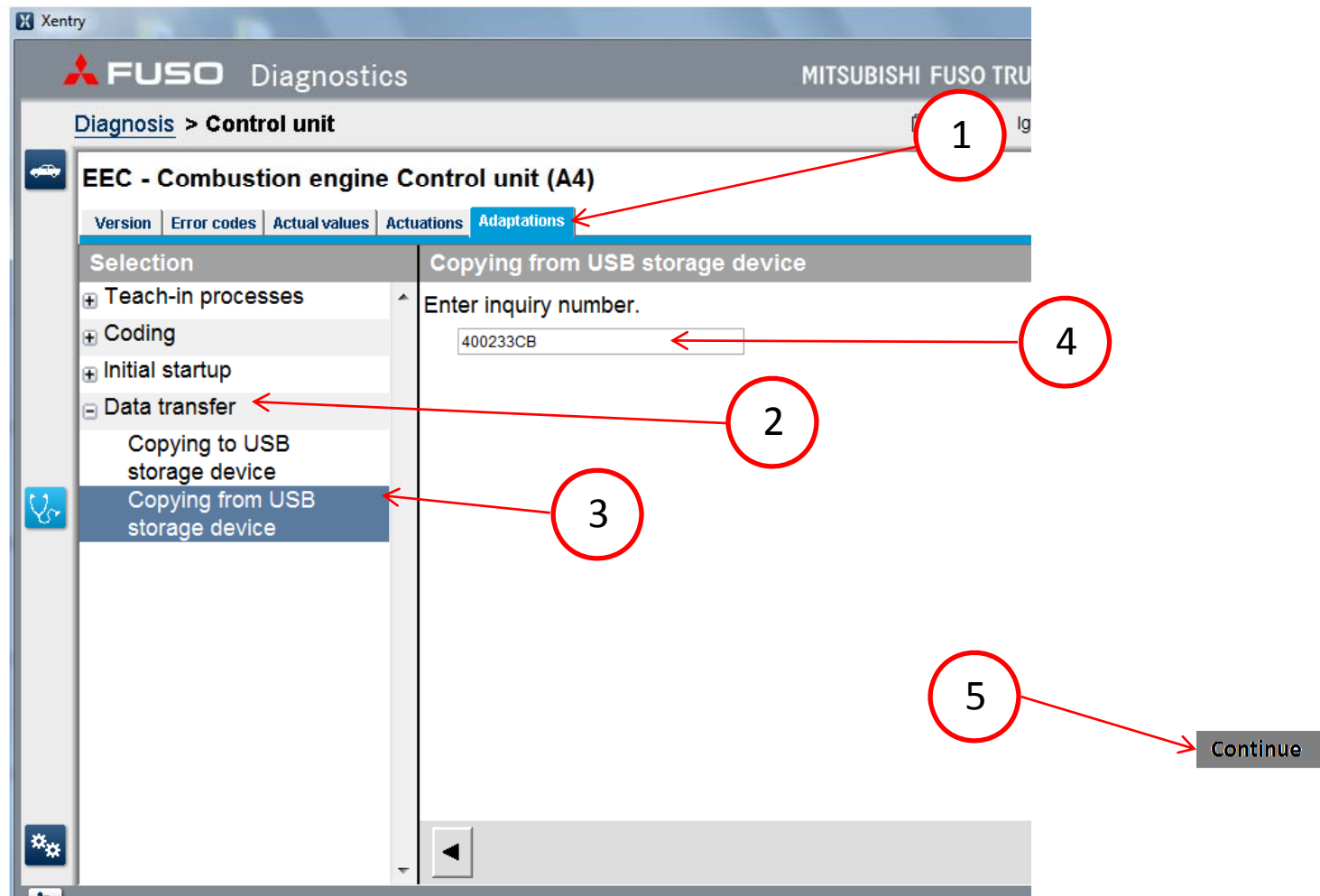
Parameter	Value
EEC - Combustion engine Control unit (A4)	
Boot software version	10/23 00
Hardware supplier	Bosch
Software supplier	Bosch
Software supplier	Bosch
Software supplier	Bosch
Control unit variant	App_020A
FUSO object number for hardware	MK667731
FUSO object number for software	0154484440001
FUSO object number for software ( Boot software version )	0114485140001
FUSO object number for software ( Number of data record )	0164480940001
Original vehicle identification number	JL6CRE1A3DK001040
Current VIN	JL6CRE1A3DK001040
SCN (software calibration number) (CAL ID)	F1CE3481H*Paaa3
CVN (calibration verification number) (CVN)	DE 2D 5B DE



4. If the vehicle's software needs to be upgraded, follow the Reprogramming steps below.

5. Download an inquiry number and password from MFTBC's EOL website for the EEC. Load the file to a USB memory device.

6. Connect the USB memory device to the FD computer. Follow steps below. 1. Click **Adaptations** 2. Click **"Data transfer"**. (3) Click **"Copying from USB storage device"**. (4) Enter the **Inquiry number**. (5) Click **Continue**.



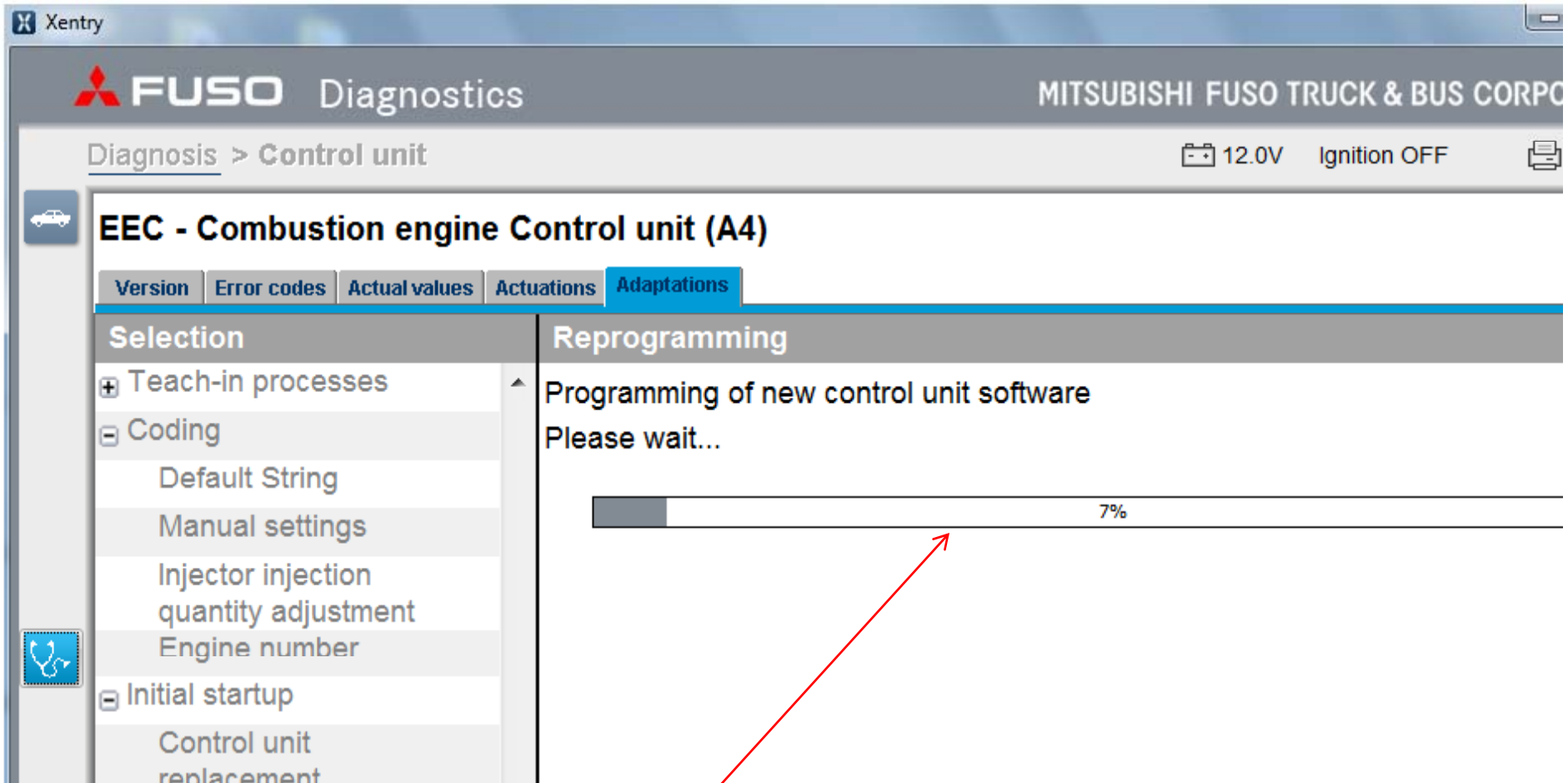


7. When the file has successfully transferred, (1) Open the + symbol next to Initial startup. (2) Click Reprogramming. The screen will display that **“A new software version is available and can be installed.”**(3) Click Yes, when prompted - Enter the Inquiry number and Password.

The screenshot shows the FUSO Diagnostics software interface. The title bar reads "Xentry" and "FUSO Diagnostics MITSUBISHI FUSO TRUCK & BUS". The main window displays "Diagnosis > Control unit" with a battery icon showing "12.0V" and "Ignition OFF". The selected unit is "EEC - Combustion engine Control unit (A4)". The "Adaptations" tab is active, showing a tree view on the left and a main content area on the right. The tree view includes "Teach-in processes", "Coding", "Initial startup", "Reprogramming", and "Data transfer". The "Reprogramming" option is selected and highlighted. The main content area displays a message: "A new software version is available and can be installed. Available software packages: Flashware 0174486240\_001. Do you want to install the new software version?". A "Yes" button is visible at the bottom right. Red circles and arrows indicate the steps: (1) clicking the plus sign next to "Initial startup", (2) clicking "Reprogramming", and (3) clicking the "Yes" button.



8. As the program is loading, a status bar will be displayed.



Wait for the program to load. The status will reach 100% when complete.



9. When this portion of the reprogramming finishes, you are prompted to turn the starter switch OFF and click **Continue**.

The screenshot shows the FUSO Diagnostics software interface. The main window title is 'Xentry' and the application title is 'FUSO Diagnostics'. The vehicle information is 'MITSUBISHI FUSO T'. The navigation path is 'Diagnosis > Control unit'. The current view is for the 'EEC - Combustion engine Control unit (A4)'. The 'Adaptations' tab is selected, showing a list of options: 'Teach-in processes', 'Coding', 'Default String', 'Manual settings', 'Injector injection quantity adjustment', 'Engine number', 'Initial startup', 'Control unit replacement', 'Reprogramming', and 'Reset of coding'. The 'Reprogramming' option is selected, and the instruction 'Switch off ignition. Press button 'Continue' to continue.' is displayed. A red circle highlights this instruction, and a red arrow points to the 'Continue' button at the bottom right.

Selection	Reprogramming
⊕ Teach-in processes	Switch off ignition.
⊖ Coding	Press button 'Continue' to continue.
Default String	
Manual settings	
Injector injection quantity adjustment	
Engine number	
⊖ Initial startup	
Control unit replacement	
Reprogramming	
Reset of coding	





9. More of the new program is loaded with the starter switch in the OFF position.

Xentry

**FUSO** Diagnostics MITSUBISHI FUSO TRUCK & BUS CORPORATION

Diagnosis > Control unit 11.9V Ignition OFF

### EEC - Combustion engine Control unit (A4)

Version | Error codes | Actual values | Actuators | Adaptations

**Selection**

- + Teach-in processes
- Coding
  - Default String
  - Manual settings
  - Injector injection quantity adjustment
  - Engine number
- Initial startup

**Reprogramming**

0s

Await run-on time.

Wait for the status bar to reach the end.



10. Turn the starter switch to ON, click **Continue**.

Xentry

**FUSO** Diagnostics MITSUBIS

Diagnosis > **Control unit**

**EEC - Combustion engine Control unit (A4)**

Version | Error codes | Actual values | Actuations | **Adaptations**

Selection	Reprogramming
+ Teach-in processes	Switch on ignition.
- Coding	Press button 'Continue' to continue.
Default String	
Manual settings	
Injector injection quantity adjustment	
Engine number	
- Initial startup	
Control unit replacement	
<b>Reprogramming</b>	
Reset of coding	

Continue



11. As the program loads, a progress bar is displayed.

The screenshot shows the FUSO Diagnostics interface. At the top, it says 'FUSO Diagnostics' and 'MITSUBISHI FUSO TRUCK & BUS'. Below that, the navigation path is 'Diagnosis > Control unit'. The main title is 'EEC - Combustion engine Control unit (A4)'. There are tabs for 'Version', 'Error codes', 'Actual values', 'Actuations', and 'Adaptations'. The 'Adaptations' tab is active, showing a 'Reprogramming' section. A progress bar is displayed with a green bar that is approximately 75% full. The text '0s' is shown above the bar, and 'Please wait...' is shown below it. A red arrow points to the end of the progress bar. On the left side, there is a 'Selection' list with items like 'Teach-in processes', 'Coding', 'Default String', 'Manual settings', 'Injector injection quantity adjustment', 'Engine number', 'Initial startup', 'Control unit replacement', and 'Reprogramming'. The 'Reprogramming' item is highlighted.

Selection

- + Teach-in processes
- Coding
  - Default String
  - Manual settings
  - Injector injection quantity adjustment
  - Engine number
- Initial startup
  - Control unit replacement
  - Reprogramming

Reprogramming

0s

Please wait...

Wait for the status bar to reach the end.



12. When the **Order log** screen is displayed, (1)Click **Continue**, and (2) click the **Version** tab.

The screenshot shows the FUSO Diagnostics software interface. The main window title is "Xentry" and the application title is "FUSO Diagnostics". The breadcrumb navigation shows "Diagnosis > Control unit". The current control unit is "EEC - Combustion engine Control unit (A4)". The "Version" tab is selected and highlighted with a red circle labeled "1". The "Order log" section is expanded, showing a warning message: "Control unit programming can cause faults in the fault memories of other control units. Vehicle data". Below this, there is a table for "Control unit information" and another table for "New control unit software version:". The "Continue" button is located at the bottom right of the screen and is highlighted with a red circle labeled "2".

Designation	Value
Control unit designation	
MB object number for hardware	MK667731
Procedure carried out	Control unit programming
Serial number	

Designation	Value
MB object number for software (code)	
MB object number for software (code)	
MB object number for software (code)	0



13. Check the calibration numbers. Turn the starter switch to the OFF position. Wait at least one minute for the ECU to complete its after run process.

The screenshot shows the FUSO Diagnostics interface for the EEC - Combustion engine Control unit (A4). The 'Version' tab is selected, displaying various calibration and identification numbers. The 'SCN (software calibration number) (CAL ID)' is highlighted with a red circle and a red arrow pointing to it.

Parameter	Value
EEC - Combustion engine Control unit (A4)	
Boot software version	T0/23 00
Hardware supplier	Bosch
Software supplier	Bosch
Software supplier	Bosch
Software supplier	Bosch
Control unit variant	App_0212
FUSO object number for hardware	MK667731
FUSO object number for software	0154484640001
FUSO object number for software ( Boot software version )	0114485140001
FUSO object number for software ( Number of data record )	0174486240001
Original vehicle identification number	JL6AMG1A0EK003105
Current VIN	JL6AMG1A0EK003105
SCN (software calibration number) (CAL ID)	F1CE3481H*Raaa3
CVN (calibration verification number) (CVN)	4F 9C 99 23



14. Turn the starter switch to the ON position. Navigate to the **EEC** menu. (1) Click on the **Adaptations** tab. (2) Click Coding. (3) Click Manual settings. (4) Enter the Inquiry number & password. (5) Click Continue.

The screenshot displays the FUSO Diagnostics software interface. The main window title is "FUSO Diagnostics" with "MITSUBISHI FUSO" on the right. The navigation path is "Diagnosis > Control unit". The selected unit is "EEC - Combustion engine Control unit (A4)".

The interface is divided into two main sections: "Selection" on the left and "Manual settings" on the right.

**Selection Section:**

- Teach-in processes
- Coding (Step 2)
- Manual settings (Step 3)
- Injector injection quantity adjustment
- Engine number
- Initial startup
- Data transfer

**Manual settings Section:**

**Authentication**

Enter inquiry number. (Step 4)

  
  
Enter password. (Step 4)  
  
 (Step 5)

At the bottom right, the word "Canter" is visible.



15. Open the “**Manual settings**” list and scroll down. If an item in the list is found to be red, change the item to the first item that appears in the drop down box. Check all items in the list (see the following page), changing the items that appear in red.

**FUSO Diagnostics** MITSUBISHI FUSO TRUCK & BUS CORP

Diagnosis > Control unit 15.1V Ignition OFF

### EEC - Combustion engine Control unit (A4)

Version | Error codes | Actual values | Actuations | **Adaptations**

Selection	Manual settings		
	No.	Name	Value
⊕ Teach-in processes		'Power take-off	
⊖ Coding	007	Power take-off	INVALID
Default String	008	Maximum vehicle speed limit	320km/h
<b>Manual settings</b>	009	Power take-off Type of controller	#1
Injector injection quantity adjustment	010	Power take-off Setting of specified rpm 1	
Engine number	011	Power take-off Setting of specified rpm 2	1000rpm ←
⊖ Initial startup			1010rpm
Control unit replacement			1020rpm
Reprogramming			1030rpm
Reset of coding			1040rpm
⊖ Data transfer			1050rpm
Copying to USB storage device			1060rpm
Copying from USB storage device			1070rpm

Information

009 Power take-off Type of controller : #2

Continue

Any the 1<sup>st</sup> value in the list.



16. Items #022, 023, 024, & 025 may also be red. Change them by dropping down the selection box and choosing the 1<sup>st</sup> listed value. When all of the items that show a red value have been changed, click apply changes. When the programming completes, click the version tab. When the information appears on the version screen, turn the starter switch to the Lock position for at least one minute to let the EEC complete its after run procedure.

**EEC - Combustion engine Control unit (A4)**

Version | Error codes | Actual values | Actuations | Adaptations

Selection	Manual settings		
	No.	Name	Value
Teach-in processes			
Coding			
Default String			
Manual settings	022	ISD1 Warning Working period ( Parking brake ON )	[Red]
Injector injection quantity adjustment	023	ISD2 Engine off time ( Parking brake ON )	1185 Second ←
Engine number	024	ISD1 Warning Working period ( Parking brake OFF )	165 Second
Initial startup	025	ISD2 Engine off time ( Parking brake OFF )	1785 Second
Control unit replacement			285 Second
Reprogramming			585 Second
Reset of coding			
Data transfer			
Copying to USB storage device			

Information

Any the 1<sup>st</sup> value in the list.





17. Turn the starter switch to the ON position. Navigate back to the EEC program. (1) Click on the **Adaptations** tab. (2) Click **“Coding”**, (3) click the **“Manual settings”**. When prompted, enter the **Inquiry number** and **Password**.

EEC - Combustion engine Control unit (A4)

Version | Error codes | Actual values | Actuators | Adaptations

Selection

- + Teach-in processes
- Coding
- Default String
- Manual settings
- Injector injection quantity adjustment
- Engine number
- + Initial startup
- + Data transfer

Manual settings

No.	Name	Value
013	Switchover of function 'PTO' ( EEC Internal )	Customer setting
014	Limitation of engine torque ( DUONIC / 1st Gear )	300Nm
015	EPS ( Engine protection function )	INVALID
016	Switchover of function 'EPS Working period' ( EEC Internal )	Default setting
017	ISD ( Idle speed SHUT DOWN Function )	INVALID



18. Change item #017 “**ISD (Idle speed SHUT DOWN Function)**” from “**INVALID** to **VALID**”.

Version	Error codes	Actual values	Actuations	Adaptations
<b>Selection</b>				
+ Teach-in processes				
- Coding				
Default String				
<b>Manual settings</b>				
Injector injection quantity adjustment				
Engine number				
+ Initial startup				
+ Data transfer				
<b>Manual settings</b>				
No.	Name	Value		
013	Switchover of function 'PTO' ( EEC Internal )	Customer setting		
014	Limitation of engine torque ( DUONIC / 1st Gear )	300Nm		
015	EPS ( Engine protection function )	INVALID		
016	Switchover of function 'EPS Working period' ( EEC Internal )	Default setting		
017	<b>ISD ( Idle speed SHUT DOWN Function )</b>	INVALID		
018	Switchover of function 'ISD1 ( Parking brake ON )' ( EEC Internal )	INVALID		
		<b>VALID</b>		

19. Change item #018 “**Switchover of function ‘ISD1(Parking brake ON)’ (EEC Internal)**” from “**Default setting**” to “**Customer setting**”.

Version	Error codes	Actual values	Actuations	Adaptations
<b>EEC - Combustion engine Control unit (A4)</b>				
<b>Selection</b>				
+ Teach-in processes				
- Coding				
Default String				
<b>Manual settings</b>				
Injector injection quantity adjustment				
Engine number				
+ Initial startup				
+ Data transfer				
<b>Manual settings</b>				
No.	Name	Value		
013	Switchover of function 'PTO' ( EEC Internal )	Customer setting		
014	Limitation of engine torque ( DUONIC / 1st Gear )	300Nm		
015	EPS ( Engine protection function )	INVALID		
016	Switchover of function 'EPS Working period' ( EEC Internal )	Default setting		
017	ISD ( Idle speed SHUT DOWN Function )	INVALID		
018	<b>Switchover of function 'ISD1 ( Parking brake ON )' ( EEC Internal )</b>	Default setting		
		<b>Customer setting</b>		
		Default setting		
<b>Information</b>				
		Customer setting		



20. Change item #019 “Switchover of function ‘ISD2(Parking brake ON)’ (EEC Internal)” from “Default setting” to “Customer setting”.

No.	Name	Value
016	Switchover of function 'EPS Working period' ( EEC Internal )	Default setting
017	ISD ( Idle speed SHUT DOWN Function )	INVALID
018	Switchover of function 'ISD1 ( Parking brake ON )' ( EEC Internal )	Default setting
019	Switchover of function 'ISD2 ( Parking brake ON )' ( EEC Internal )	Default setting
020	Switchover of function 'ISD1 ( Parking brake OFF )' ( EEC Internal )	Customer setting

21. Change item #020 “Switchover of function ‘ISD1(Parking brake OFF)’ (EEC Internal)” from “Default setting” to “Customer setting”.

No.	Name	Value
020	Switchover of function 'ISD1 ( Parking brake OFF )' ( EEC Internal )	Default setting
021	Switchover of function 'ISD2 ( Parking brake OFF )' ( EEC Internal )	Customer setting



22. Change item #021 “Switchover of function ‘ISD2(Parking brake OFF)’ (EEC Internal)” from “Default setting” to “Customer setting”.

Selection		Manual settings	
No.	Name	Value	
U20	Switchover of function 'ISD1 ( Parking brake OFF )' ( EEC Internal )	Default setting	
021	Switchover of function 'ISD2 ( Parking brake OFF )' ( EEC Internal )	Default setting	
022	ISD1 Warning Working period ( Parking brake ON )	Customer setting	
023	ISD2 Engine off time ( Parking brake ON )	Default setting	Customer setting

23. Change item #022 “ISD2 Warning Working period(Parking brake On)” to a setting desired. **NOTE 1185 Seconds = 19 minutes, 45 seconds, 165 Seconds = 2 minutes, 45 seconds, 1785 seconds = 29 minutes, 45 seconds, 285 seconds = 4 minutes, 45 seconds, 585 seconds = 9 minutes, 45 seconds.**

Selection		Manual settings	
No.	Name	Value	
U20	Switchover of function 'ISD1 ( Parking brake OFF )' ( EEC Internal )	Default setting	
021	Switchover of function 'ISD2 ( Parking brake OFF )' ( EEC Internal )	Default setting	
022	ISD1 Warning Working period ( Parking brake ON )	165 Second	
023	ISD2 Engine off time ( Parking brake ON )	1185 Second	
024	ISD1 Warning Working period ( Parking brake OFF )	165 Second	
025	ISD2 Engine off time ( Parking brake OFF )	1785 Second	165 Second
		285 Second	
		585 Second	



24. Change item #023 “ISD2 Engine off time (Parking brake On)” to a setting desired. **NOTE 1200 Seconds = 20 minutes, 1800 Seconds = 30 minutes, 180 seconds = 3 minutes, 300 seconds = 5 minutes, 600 seconds = 10 minutes.**

No.	Name	Value
020	Switchover of function 'ISD1 ( Parking brake OFF )' ( EEC Internal )	Default setting
021	Switchover of function 'ISD2 ( Parking brake OFF )' ( EEC Internal )	Default setting
022	ISD1 Warning Working period ( Parking brake ON )	165 Second
023	ISD2 Engine off time ( Parking brake ON )	180 Second
024	ISD1 Warning Working period ( Parking brake OFF )	1200 Second
025	ISD2 Engine off time ( Parking brake OFF )	1800 Second
		180 Second
		300 Second
		600 Second

25. Change item #024 “ISD1 Warning Working period(Parking brake On)” to a setting desired. **NOTE 1185 Seconds = 19 minutes, 45 seconds, 165 Seconds = 2 minutes, 45 seconds, 1785 seconds = 29 minutes, 45 seconds, 285 seconds = 4 minutes, 45 seconds, 585 seconds = 9 minutes, 45 seconds.**

No.	Name	Value
020	Switchover of function 'ISD1 ( Parking brake OFF )' ( EEC Internal )	Default setting
021	Switchover of function 'ISD2 ( Parking brake OFF )' ( EEC Internal )	Default setting
022	ISD1 Warning Working period ( Parking brake ON )	165 Second
023	ISD2 Engine off time ( Parking brake ON )	180 Second
024	ISD1 Warning Working period ( Parking brake OFF )	165 Second
025	ISD2 Engine off time ( Parking brake OFF )	1185 Second
		165 Second
		1785 Second
		285 Second
		585 Second



26. Change item #025 “ISD2 Engine off time (Parking brake Off)” to a setting desired. **NOTE** 1200 Seconds = 20 minutes, 1800 Seconds = 30 minutes, 180 seconds = 3 minutes, 300 seconds = 5 minutes, 600 seconds = 10 minutes.

Version | Error codes | Actual values | Actuators | Adaptations

Selection

- Teach-in processes
- Coding
  - Default String
  - Manual settings**
  - Injector injection quantity adjustment
  - Engine number
- Initial startup
- Data transfer

Manual settings

No.	Name	Value
020	Switchover of function 'ISD1 ( Parking brake OFF )' ( EEC Internal )	Default setting
021	Switchover of function 'ISD2 ( Parking brake OFF )' ( EEC Internal )	Default setting
022	ISD1 Warning Working period ( Parking brake ON )	165 Second
023	ISD2 Engine off time ( Parking brake ON )	180 Second
024	ISD1 Warning Working period ( Parking brake OFF )	165 Second
025	ISD2 Engine off time ( Parking brake OFF )	180 Second
		1200 Second
		1800 Second
		180 Second
		300 Second
		600 Second

Information

180 Second

180 Second



27. When all the values have been changed, click **“Apply changes”**.


The screenshot shows the 'Manual settings' tab for the EEC - Combustion engine Control unit (A4). The table below lists the settings:

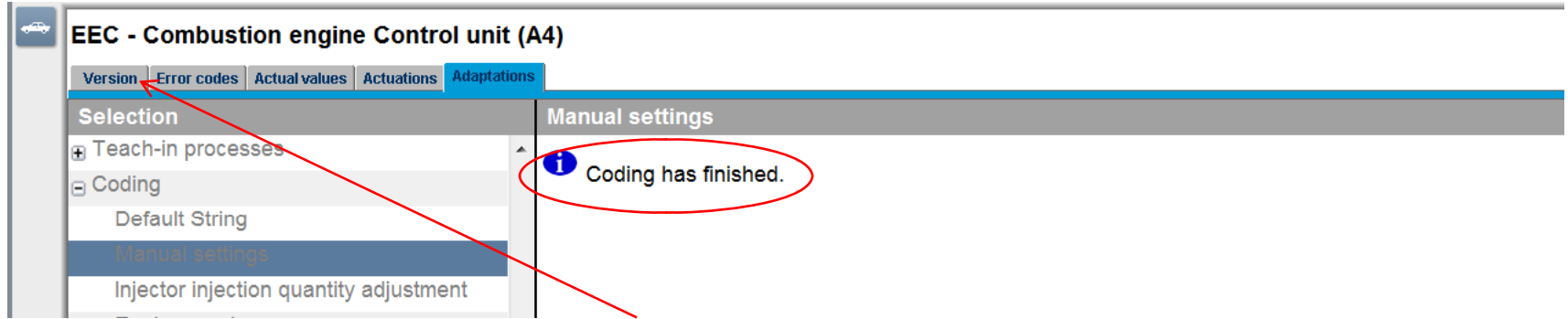
No.	Name	Value
020	Switchover of function 'ISD1 ( Parking brake OFF )' ( EEC Internal )	Customer setting
021	Switchover of function 'ISD2 ( Parking brake OFF )' ( EEC Internal )	Customer setting
022	ISD1 Warning Working period ( Parking brake ON )	165 Second
023	ISD2 Engine off time ( Parking brake ON )	180 Second
024	ISD1 Warning Working period ( Parking brake OFF )	165 Second
025	ISD2 Engine off time ( Parking brake OFF )	180 Second

A red arrow points from the 'Apply changes' button at the bottom right of the settings table to the 'Information' section below it.

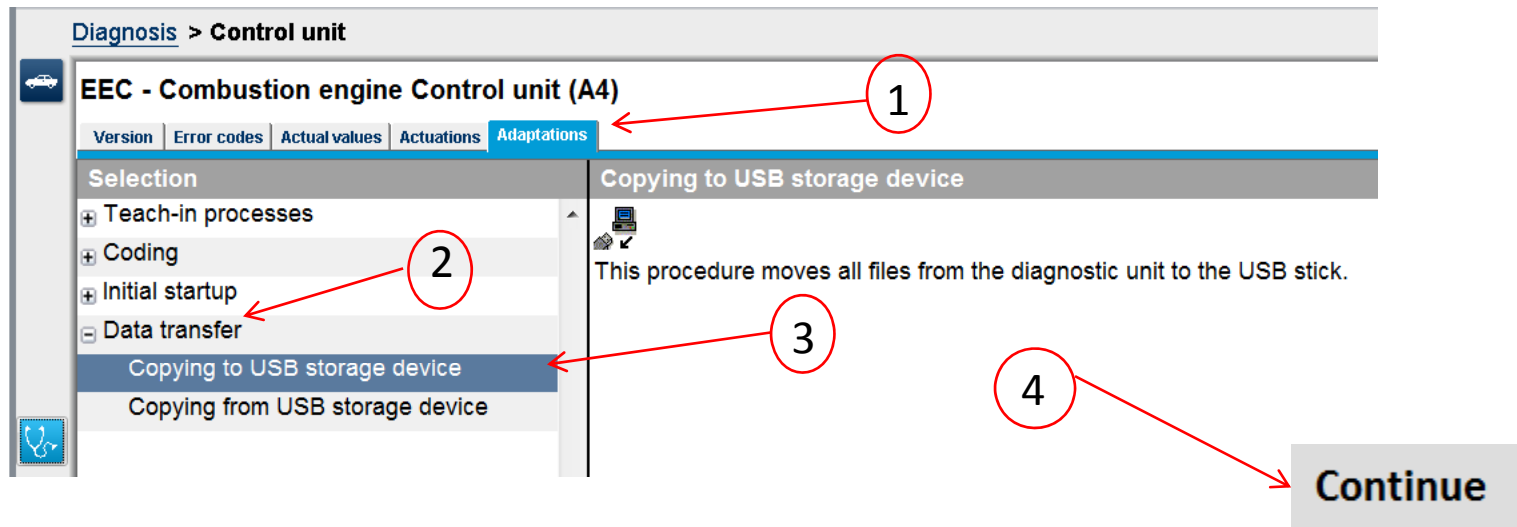
28. Click **YES** to apply the coding changes.

The screenshot shows a confirmation dialog box with the text: "Do you want to continue the coding sequence?". At the bottom right, there are two buttons: "NO" and "YES". A red arrow points from the "YES" button towards the top right of the dialog box.

-  29. When “**Coding has finished**” appears, click the Version tab. When the information on the Version tab loads, turn the starter to the LOCK position. Allow the EEC to finish its after run. This can take one minute.



30. Turn the starter to the ON position. Navigate to the EEC program. Click **Adaptations**. Click “**Data transfer**”. Click Copying to USB storage device. Click **Continue**.



Note: In order to test the Idle Limiting System, the engine coolant temperature must first be raised to 160°F (71°C). When this is reached, check the timer settings that have been programmed.





31. The drive where the USB storage device is shown. Click **Continue**.

The screenshot shows the 'Diagnosis > Control unit' interface for the 'EEC - Combustion engine Control unit (A4)'. The 'Adaptations' tab is active, and the 'Copying to USB storage device' option is selected in the left-hand menu. The main display area shows 'Copying to USB storage device' with a dropdown menu set to 'Removable storage device'. A red circle highlights this dropdown, and a red arrow points from it to a 'Continue' button on the right.

The screenshot shows the same diagnostic tool interface as above, but now the message 'The copying procedure was completed successfully.' is displayed in the main area, indicating that the data has been successfully copied to the USB storage device.

32. The history file containing the coding changes to the EEC is now on the USB storage device. It can be uploaded to the EOL website. NOTE: SEE Service Information Bulletin 14-005 for instructions for **UPLOADING A HISTORY FILE TO THE EOL WEBSITE**.