

GENERAL INFORMATION

CIP Programming - Overview

CIP PROGRAMMING

CIP PROGRAMMING SCREENS

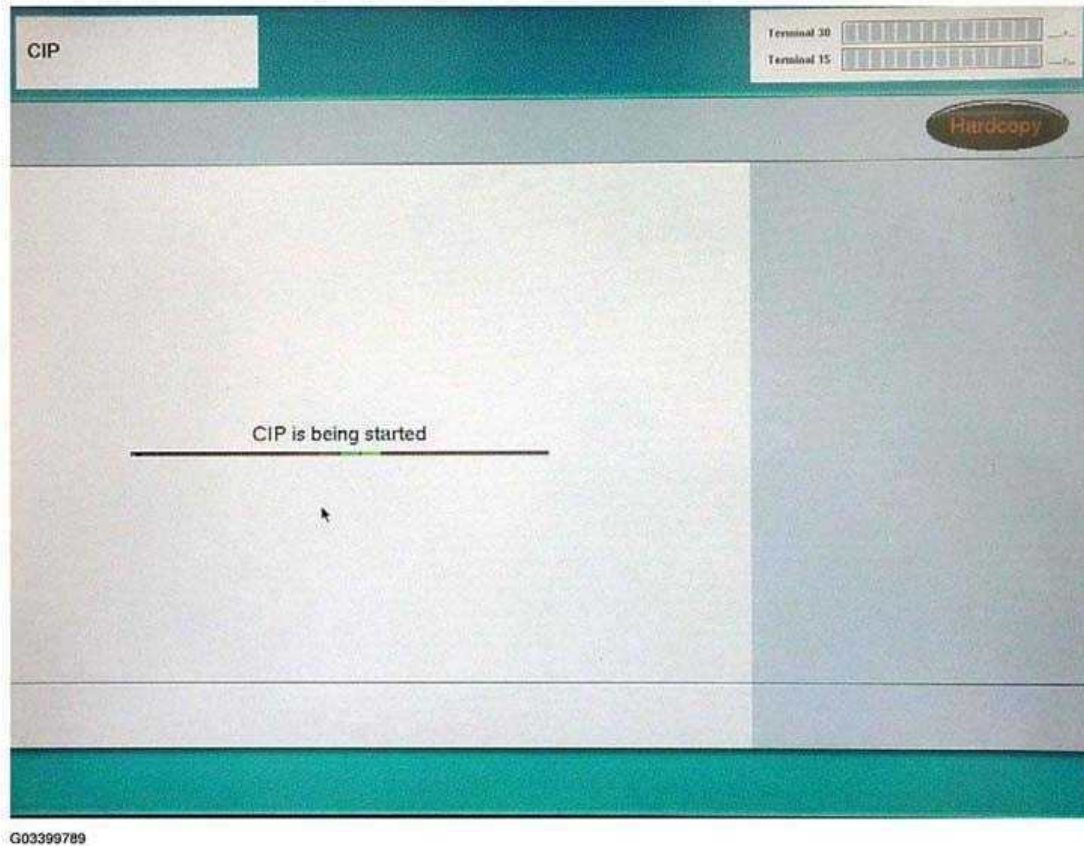
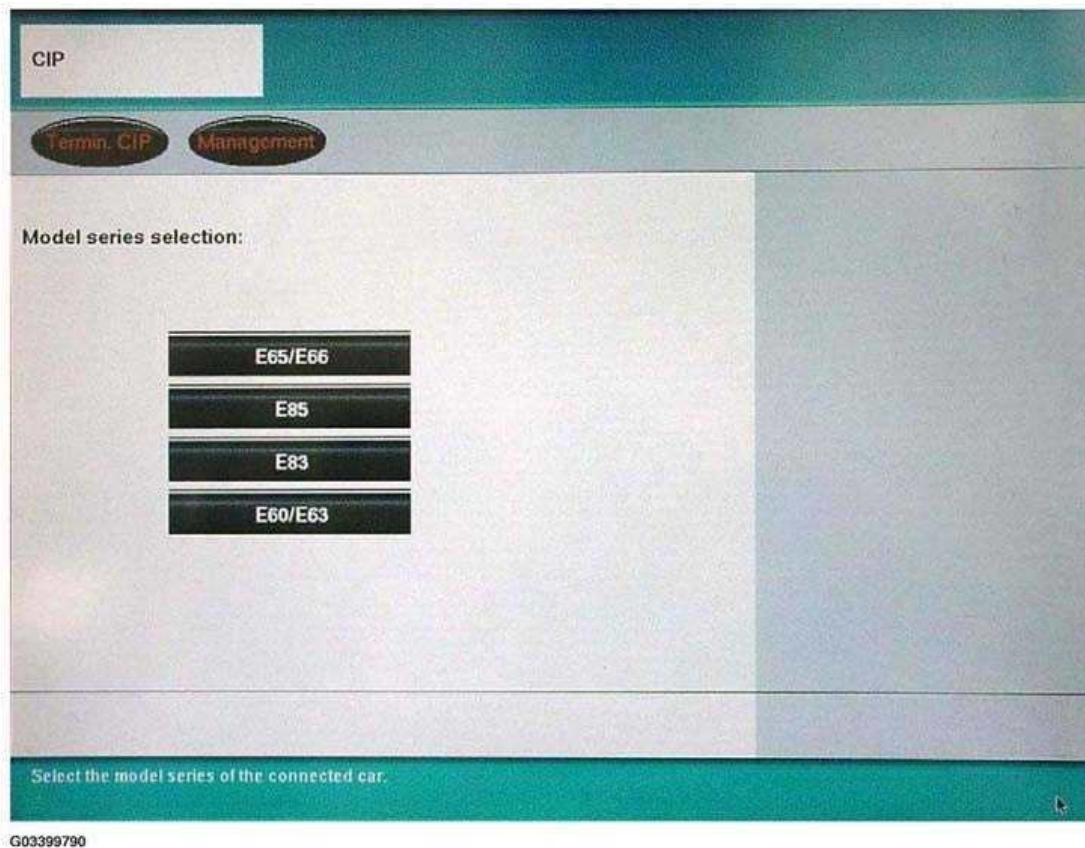


Fig. 1: CIP Programming Screen
Courtesy of BMW OF NORTH AMERICA, INC.

The opening screen when CIP is started.

Choose which vehicle you will be programming.



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Fig. 2: Vehicle Selecting Programming Screen
Courtesy of BMW OF NORTH AMERICA, INC.

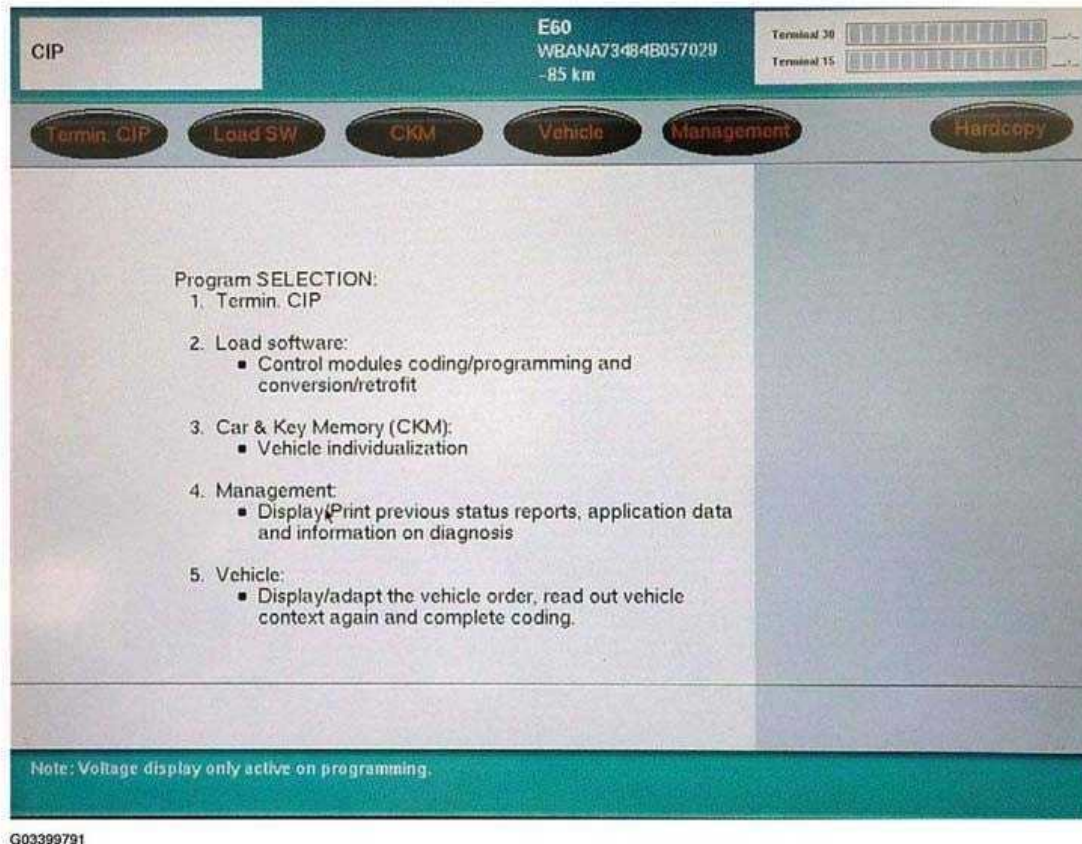


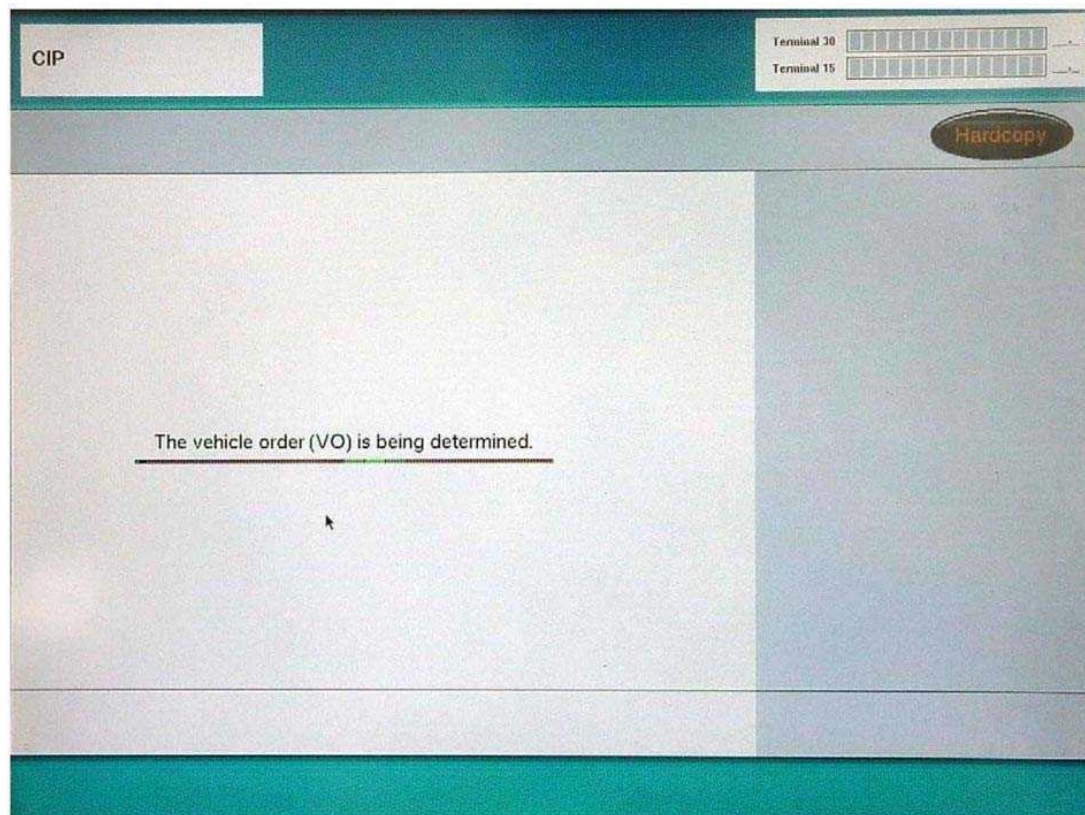
Fig. 3: Programming Screen - Retrofit Select
Courtesy of BMW OF NORTH AMERICA, INC.

Select depending upon programming required.

To retrofit select **Load SW**.

To update a vehicle select **Vehicle**.

Selecting Vehicle will ensure that complete encoding is performed.



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Fig. 4: Programming Screen - Load Software
Courtesy of BMW OF NORTH AMERICA, INC.

Regardless of whether you have selected Load SW or Vehicle, the VO will be determined.

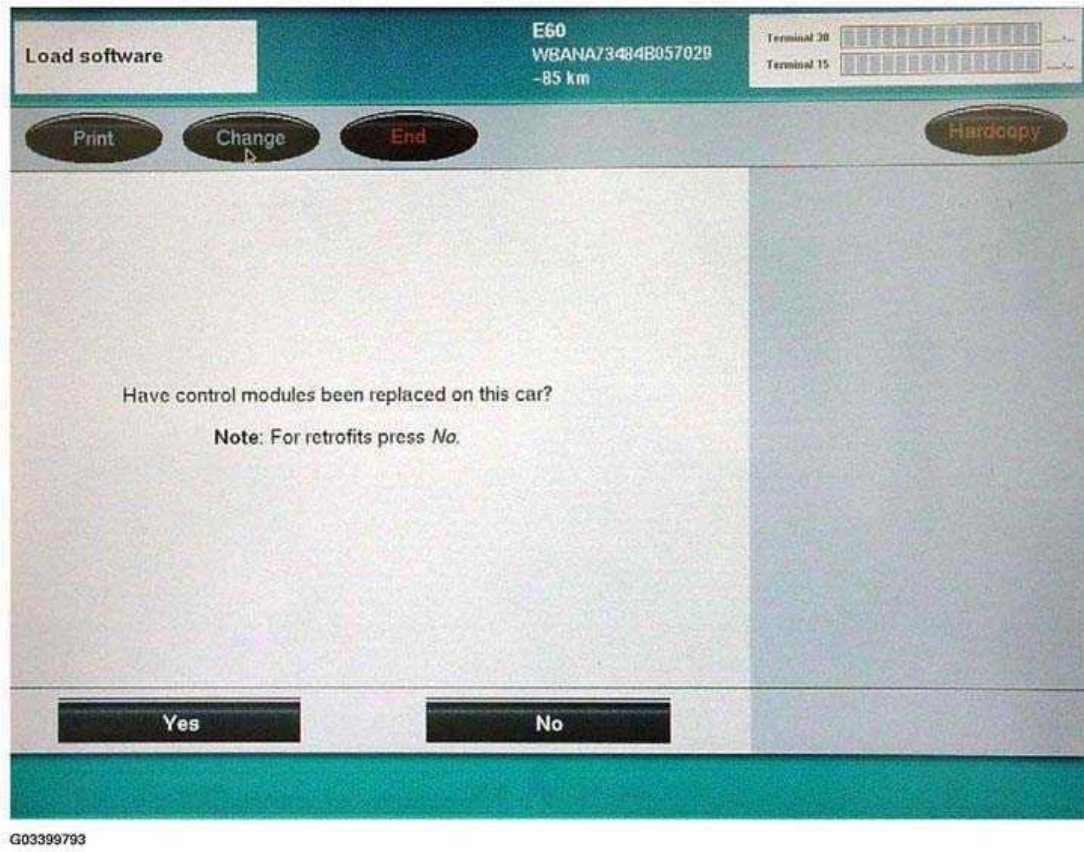


Fig. 5: Programming Screen - Determine
Courtesy of BMW OF NORTH AMERICA, INC.

A **YES** selection will lead you to choose which control module(s) have been replaced.

A **NO** selection will lead you to **Retrofits** .

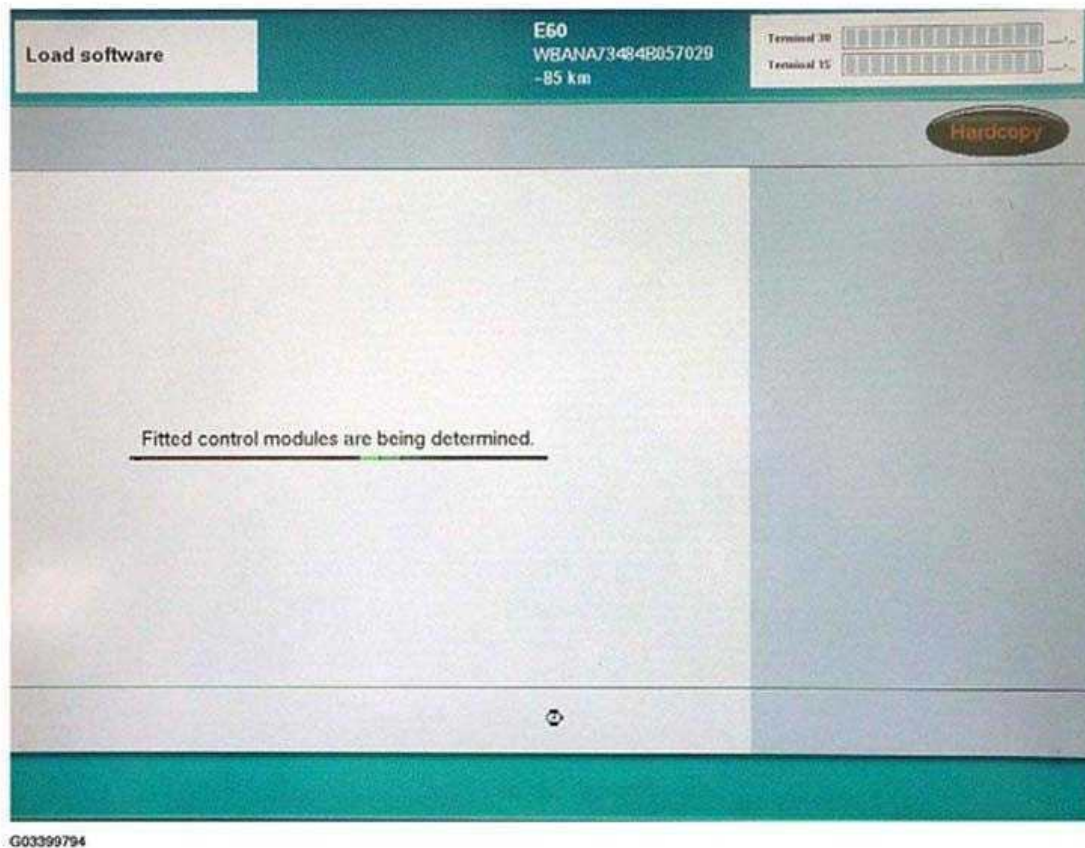


Fig. 6: Programming Screen - Measure Plan
Courtesy of BMW OF NORTH AMERICA, INC.

After selecting YES fitted control modules will be determined.

Load software

E60

WBANA73484B057029

-85 km

Terminal 30

Terminal 15

Print

Change

End

Hardcopy

Select measures plan.

Date / time:

29.01.2004 / 11:56

Model series:

E60

Vehicle ID number:

WBANA73484B057029

Vehicle order:

E60 #0103*NA73%0892&LC5W\$205\$217\$226\$229\$302\$319
 \$339\$354\$403\$415\$416\$423\$430\$431\$436\$441\$442\$459
 \$473\$481\$488\$534\$540\$590\$605\$639\$645\$676\$693\$694
 \$785\$823\$845\$850\$853\$876\$909\$991\$992-B110

Vehicle data status:

E060-03-12-525

Target data status:

E060-03-12-527

1. Program DSC

(via DIAGBUS)

Old part no. progr. ctrl mod.

6767698

New part no. progr. ctrl mod.

6768616

DSC can still be programmed 12 times.

Accept

Print or copy out the desired measures plan.

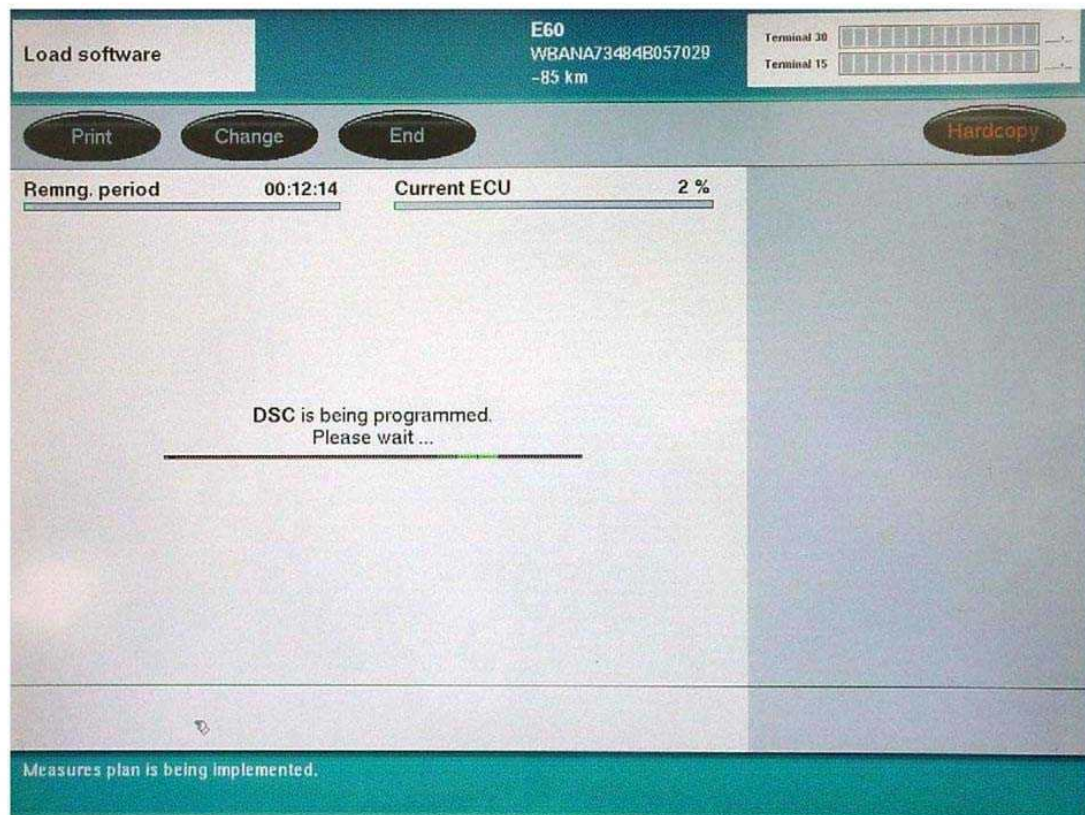
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Fig. 7: Programming Screen - Control Modules
Courtesy of BMW OF NORTH AMERICA, INC.

After determining the fitted modules, a measures plan will be made. At this point you will be notified if control modules need to be replaced.

Control module replacement is required if the hardware level in a module can not be upgraded to a high enough software level.

In the case above no modules need replacement, in fact on the DSC needs to be reprogrammed.



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Fig. 8: Programming Screen - DSC Being
Courtesy of BMW OF NORTH AMERICA, INC.

DSC programming is being carried out.

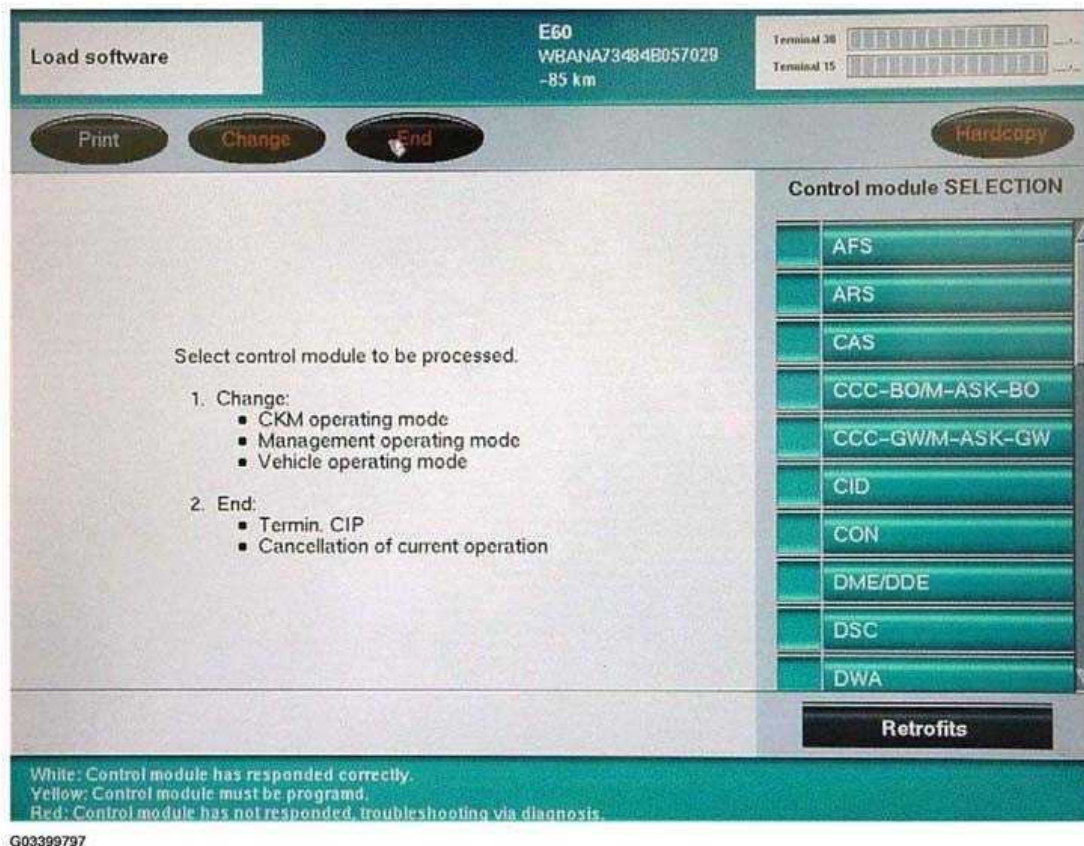


Fig. 9: Programming Screen - Retrofit Programming
Courtesy of BMW OF NORTH AMERICA, INC.

If you selected no earlier (Have any control modules been replaced?) you would come to this screen.

Here selections to reprogram individual modules can be made or entry into retrofit programming.

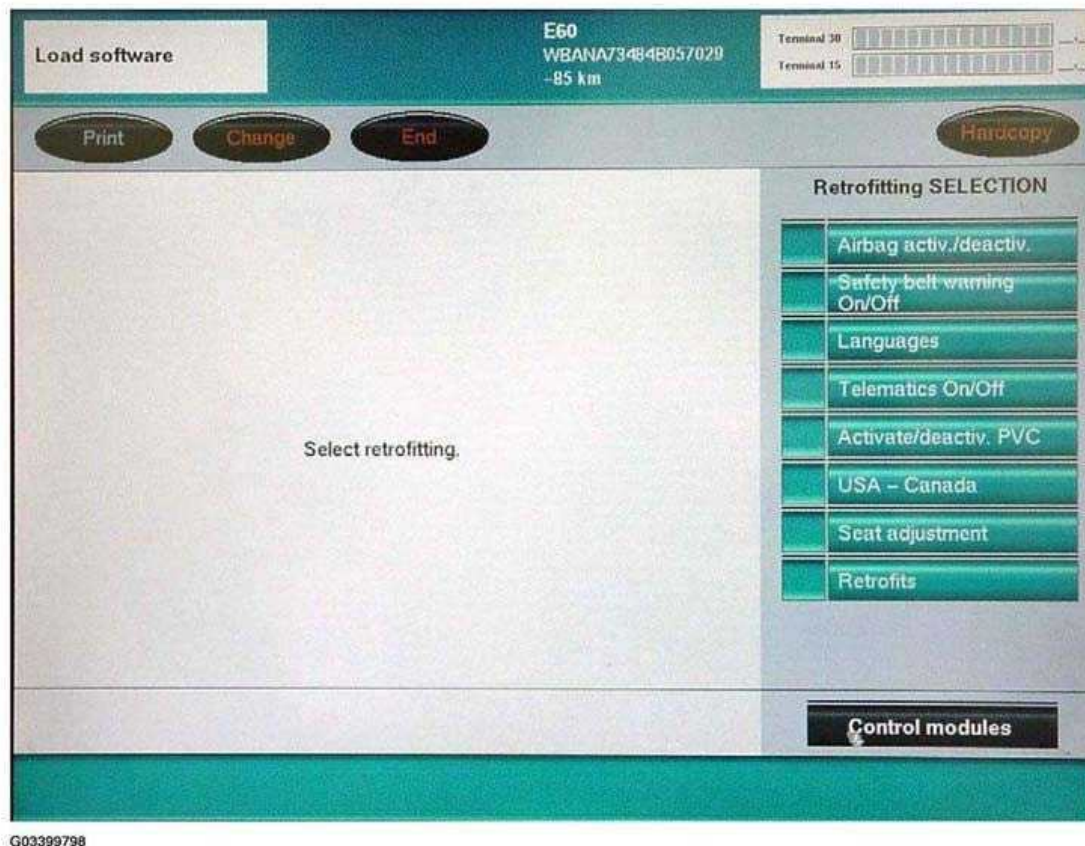


Fig. 10: Programming Screen - Selecting Retrofit
Courtesy of BMW OF NORTH AMERICA, INC.

Selecting retrofit on the previous screen brings you here.

More selections (such as mobile phone USA) are on the next page, accessed by pressing retrofits on bottom of selection list.

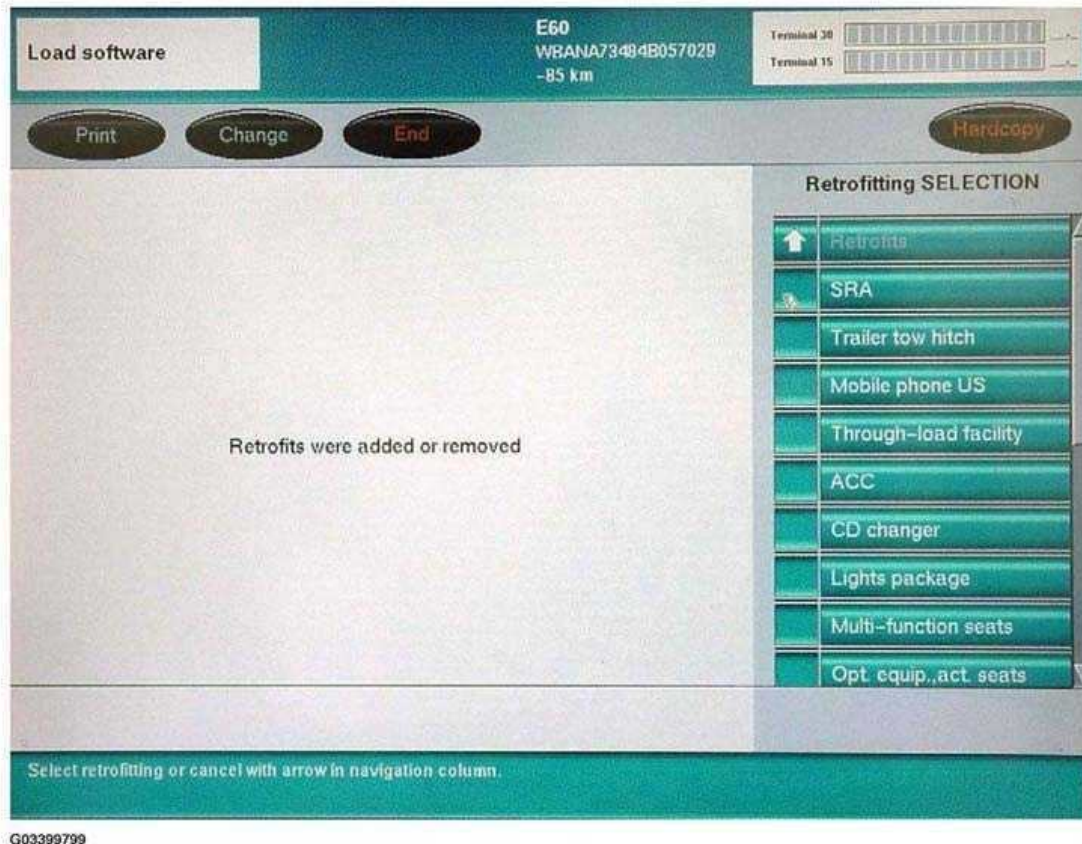
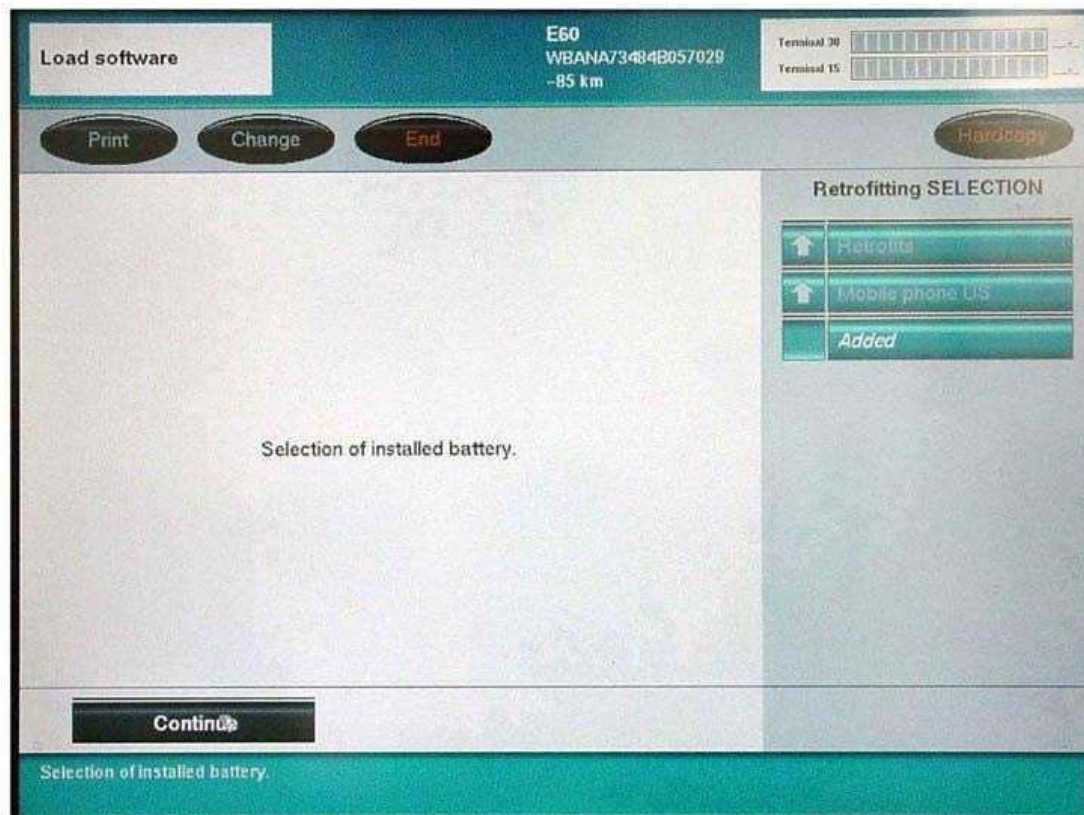


Fig. 11: Programming Screen - Retrofit
Courtesy of BMW OF NORTH AMERICA, INC.

Select the retrofit, in this case the Mobile phone USA.



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Fig. 12: Programming Screen - Battery
Courtesy of BMW OF NORTH AMERICA, INC.

You will be asked which battery the car has installed.

Load software

E60

WBANA73484B057020

-85 km

Terminal 30

Terminal 15

Print

Change

End

Hardcopy

Select measures plan

Date / time:

28.01.2004 / 13:58

Model series:

E60

Vehicle ID number:

WBANA73484B057020

Vehicle order:

E60 #0103*NA73%08923LCSW\$205\$217\$226\$229\$302\$319
 \$339\$354\$403\$415\$416\$423\$430\$431\$436\$441\$442\$459
 \$473\$481\$490\$534\$540\$590\$605\$639\$645\$676\$693\$694
 \$785\$823\$845\$850\$853\$876\$899\$991\$992+B110+RASK

Vehicle data status:

E060-03-12-527

Target data status:

E060-03-12-527

1. Program TELJULF
 (via MOST Control)

Old part no. progr. ctrl mod.

6942592

New part no. progr. ctrl mod.

6942592

2. CCC-BD/M-ASK-BD encoding

↑

Reverts

↑

Mobile phone US

Added

Accept

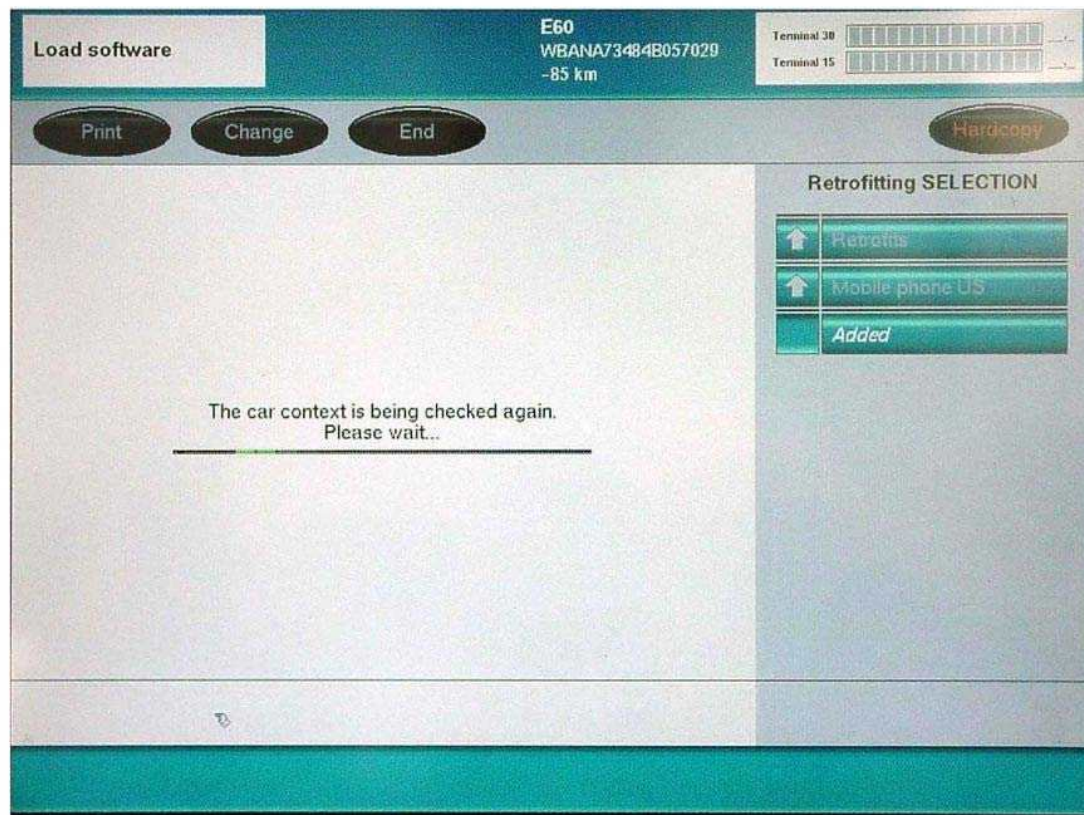
Print or copy out the desired measures plan.

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Fig. 13: Programming Screen - Measures Plan
 Courtesy of BMW OF NORTH AMERICA, INC.

A measures plan will be determined and displayed to accomplish the retrofit.

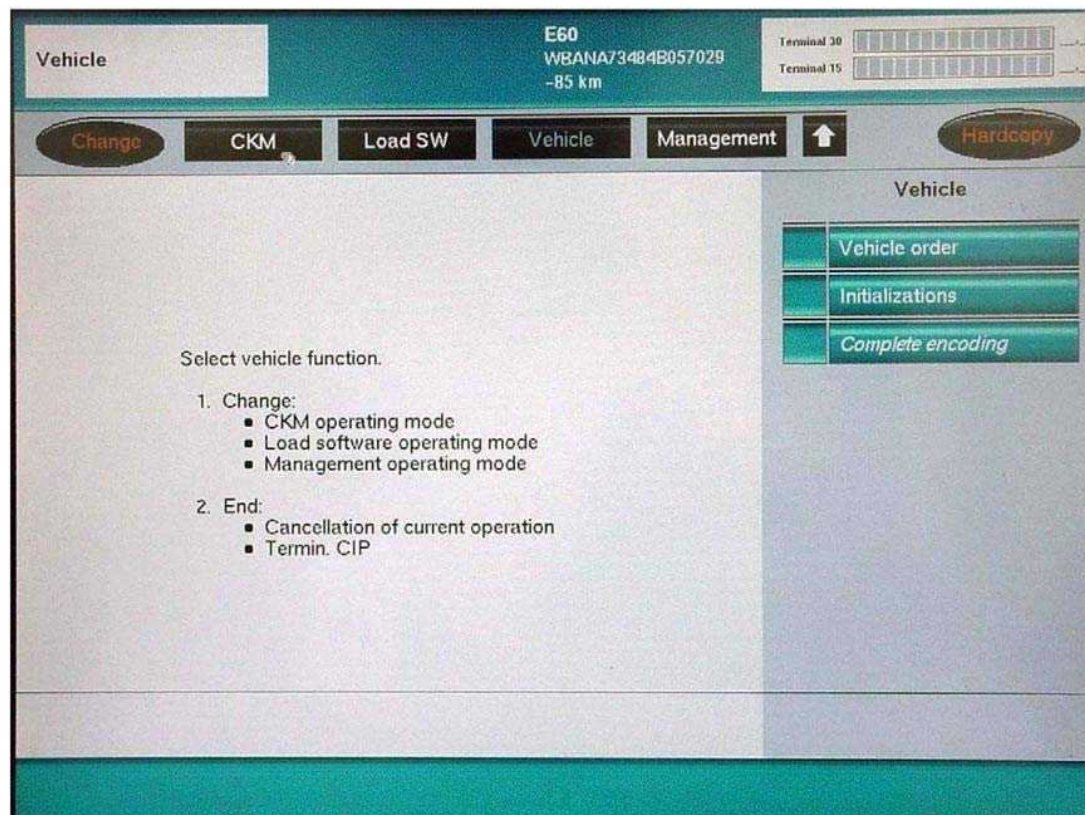
Press Accept.



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Fig. 14: Programming Screen - Retrofit Being Carried Out
Courtesy of BMW OF NORTH AMERICA, INC.

The retrofit is being carried out.



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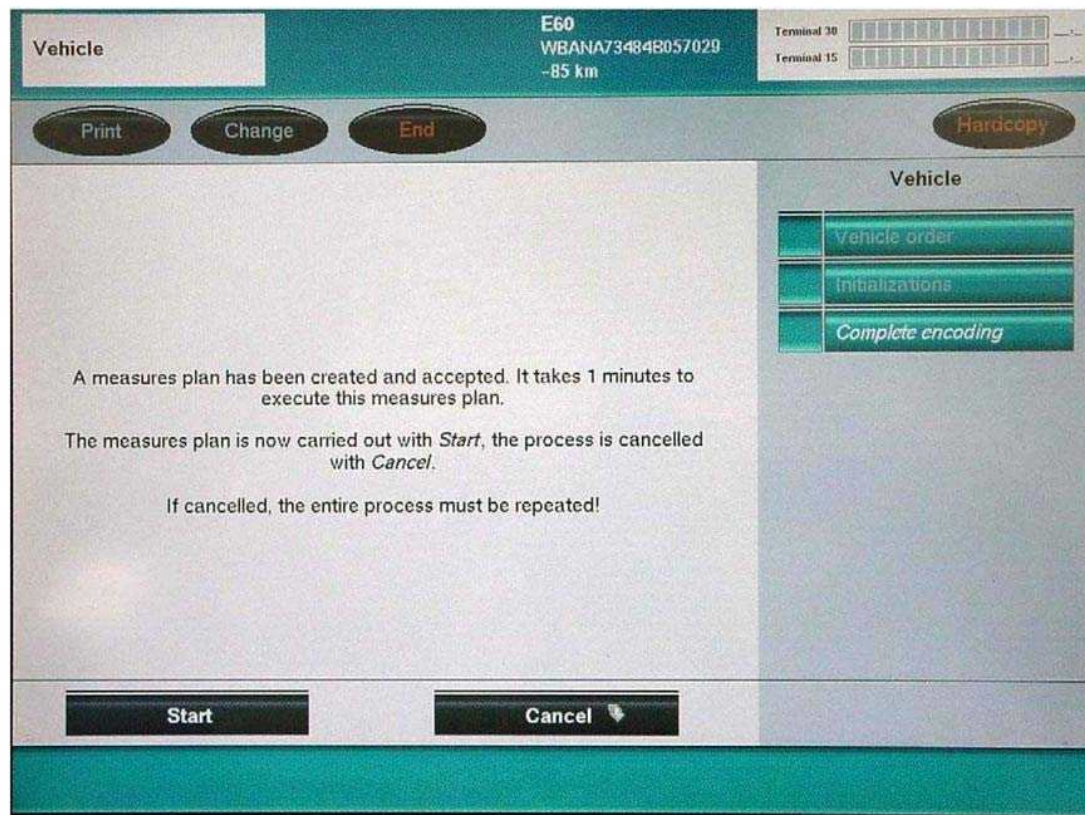
Fig. 15: Programming Screen - Vehicle Function
Courtesy of BMW OF NORTH AMERICA, INC.

By selecting Vehicle initially when entering CIP, you will save time when updating the vehicle.

Updating through Load SW differs from Measures Plan determined through Vehicle.

When updating through Load SW only the module programmed is re-coded. You still need to come to this screen and perform Complete Encoding.

By updating through Vehicle, the entire car is automatically encoded, after the programming is complete.



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Fig. 16: Programming Screen - Pressing Start
Courtesy of BMW OF NORTH AMERICA, INC.

Press start to begin the programming and encoding procedure.