

# How to Match Mercedes-Benz W220 Instrument (ICM)

Launch Software Benz Engineer Zhanwei

All kinds of monitor gauges, such as tachometer, oil pressure, water temperature, fuel storage, light, working status and travel meter locate on Instrument Cluster. And we can promptly obtain the correlation information from the display board.

When the automobile locates different region, we can set the distance unit, temperature unit, country language that displayed on instrument cluster. When the automobile achieved maintenance time/distance interval, it needs reset oil service indicator. Here how to use Launch X431 for matching Benz W220 instrument cluster is discussed.

Enter instrument system (ICM), the screen will display as Fig. 1. Select control unit adaptations to enter the menu as shown in Fig.2. Here, we can set/reset the options: distance unit, temperature unit, language and oil service.

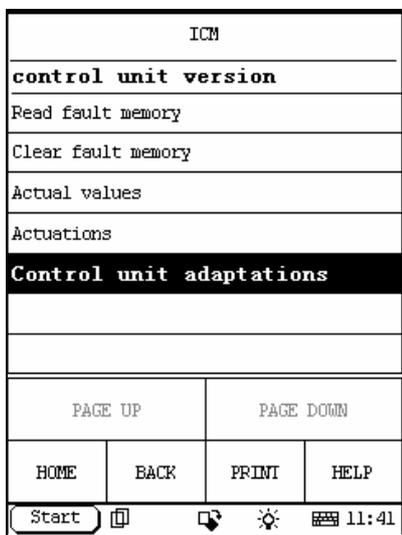


Fig. 1

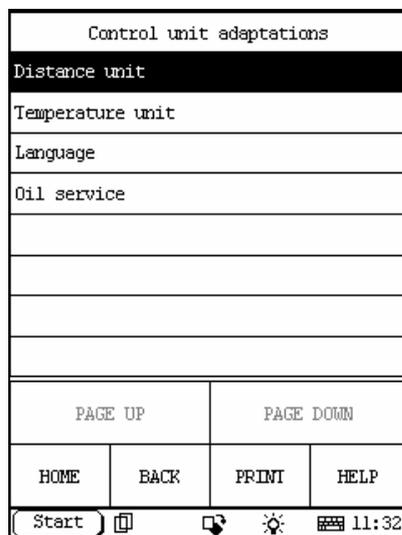


Fig. 2

## 1. Distance unit

We can set the distance unit (kilometer and mile) displayed on the instrument if necessary.

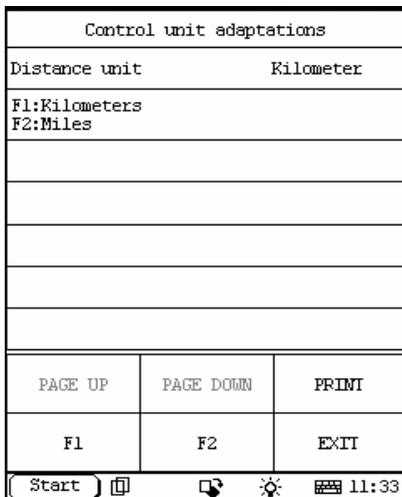


Fig.3

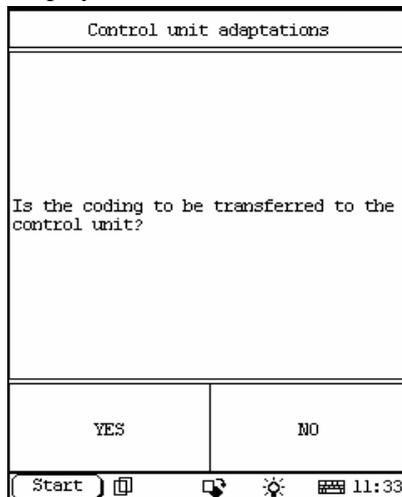


Fig.4

When setting distance unit, select the first menu on Fig.2. Firstly, X431 will read the current distance unit (K.M or mile), and then user can press the button to choose the unit (e.g. F1 for kilometers and F2 for Miles).See fig.3. After confirming the distance unit, the screen will display the interface as shown in fig. 4. Press YES in fig.4, then the unit will display as shown in fig.5.

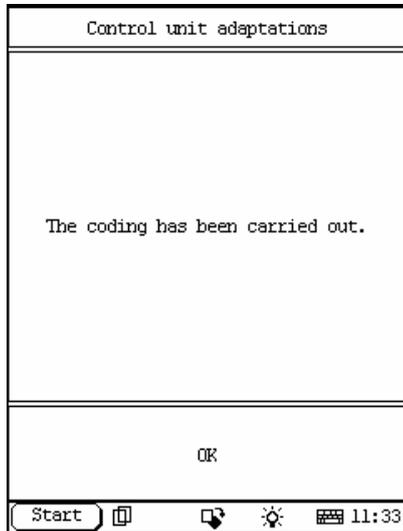


Fig.5

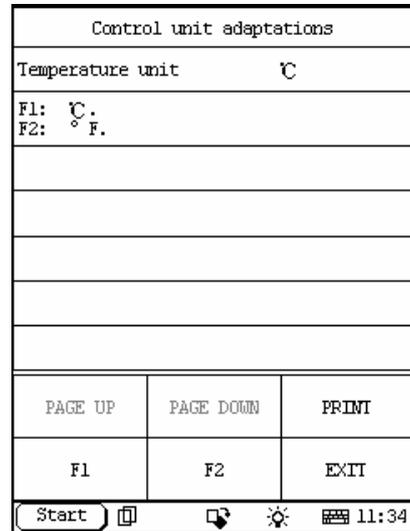


Fig.6

## 2. Temperature unit

We can set the temperature unit( $^{\circ}$  C &  $^{\circ}$  F) if necessary under this option. See fig. 6. Firstly, X431 will read the current temperature unit ( $^{\circ}$  C &  $^{\circ}$  F), and then user can press the button to choose the unit (e.g. F1 for  $^{\circ}$  C and F2 for  $^{\circ}$  F).See fig.6. After confirming the temperature unit, the screen will display the interface as shown in fig. 7. Press YES in fig.7, then the unit will display as shown in fig.8.

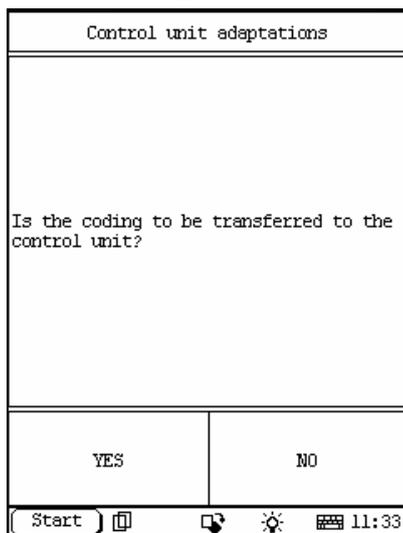


Fig.7

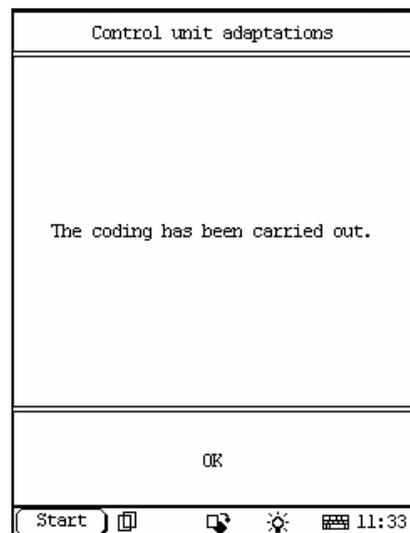


Fig.8

## 3. Language

We can set the display language in instrument cluster. German, English, French, Italian,

Spanish, Japanese and English( version for Japan) can be optioned.

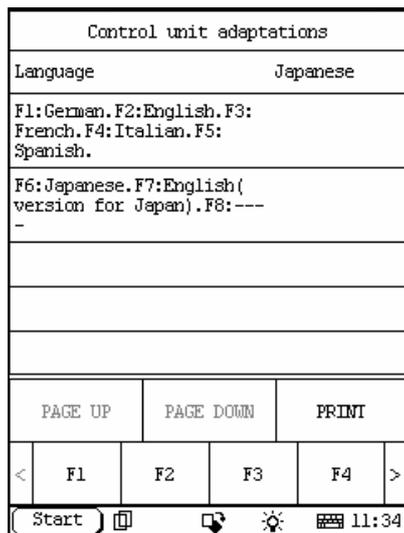


Fig.9

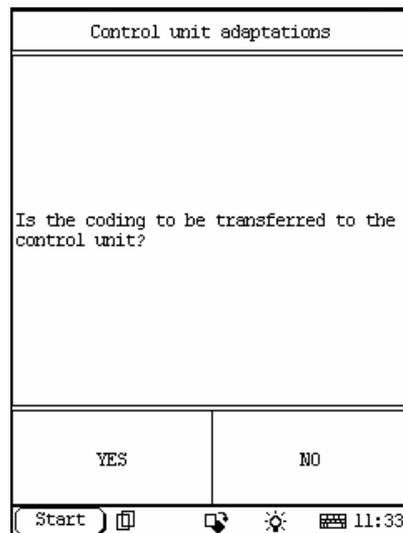


Fig.10

When setting country language, choose the third option in fig.2. X431 can read the current country language and display the other language to select. See fig.9. The operation is as same as that of setting distance unit. See fig.10&fig.11.

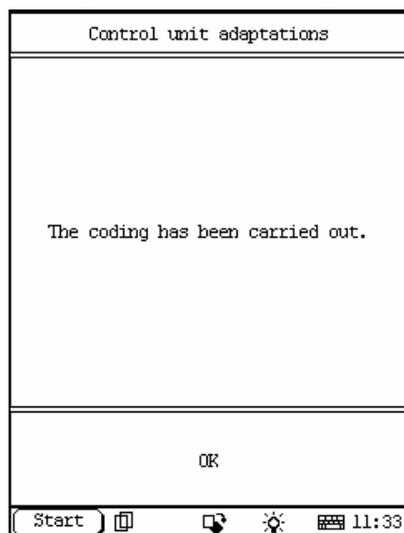


Fig.11

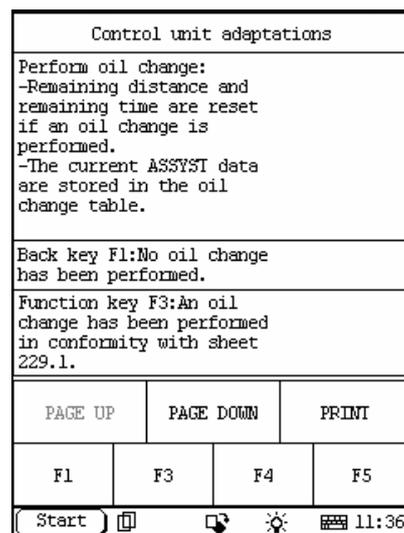


Fig.12

#### 4. Oil service

When a reset symbol occurs on the instrument cluster, it needs to reset oil service indicator. It has 3 options: 229.1, 229.3 and 229.5. See fig.12. Users can choose the different option as the different model and different oil specification. After press OK, X431 will prompt "Has an oil change been carried out? " See fig.13. After confirmation, X431 will reset oil service indicator of itself and the reset symbol on instrument will disappear. It will display new travel course.

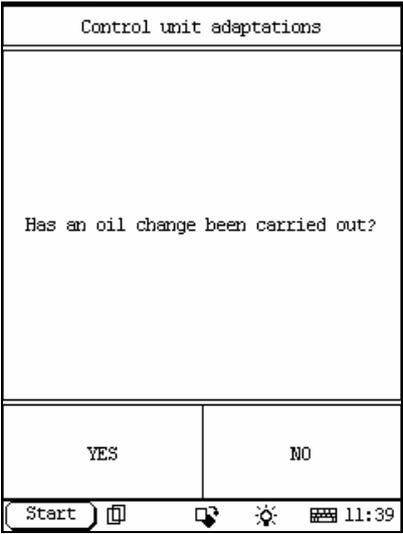


Fig.13

Generally, modern car's instrument divides into two parts: one part is the panel before steering wheel and instrument covers and platform; another is vice panel on the driver 's side channel. We can know the working status of the car and make some corresponding adjustment according to the various information displayed on instrument.