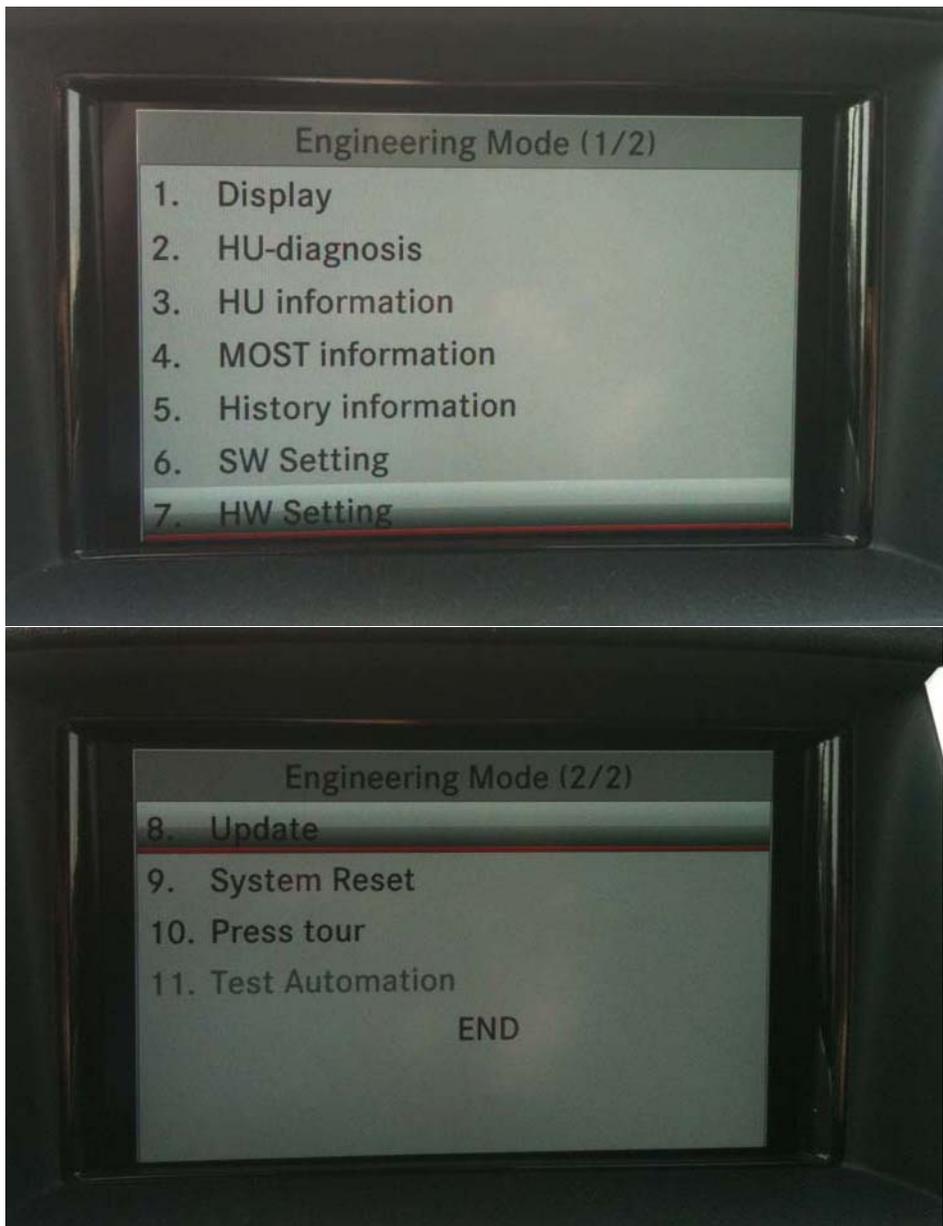
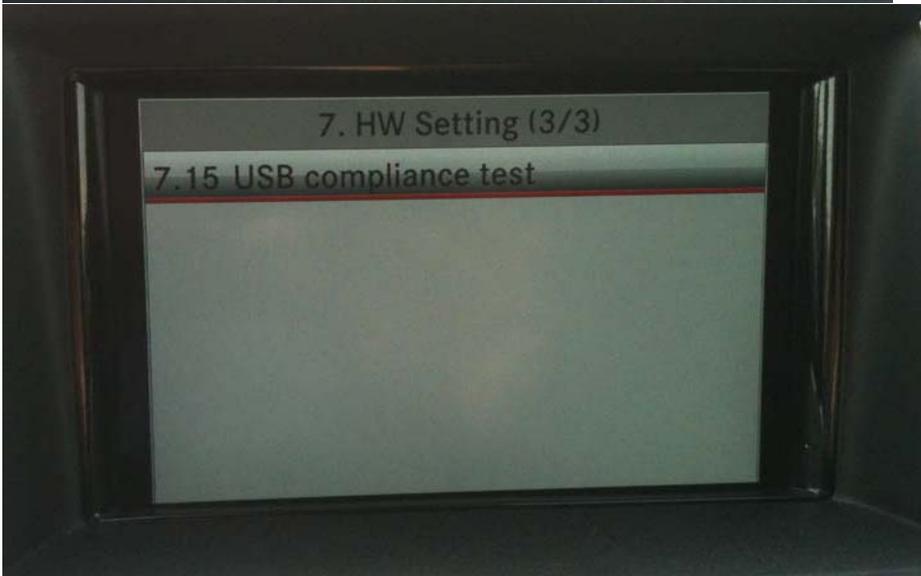
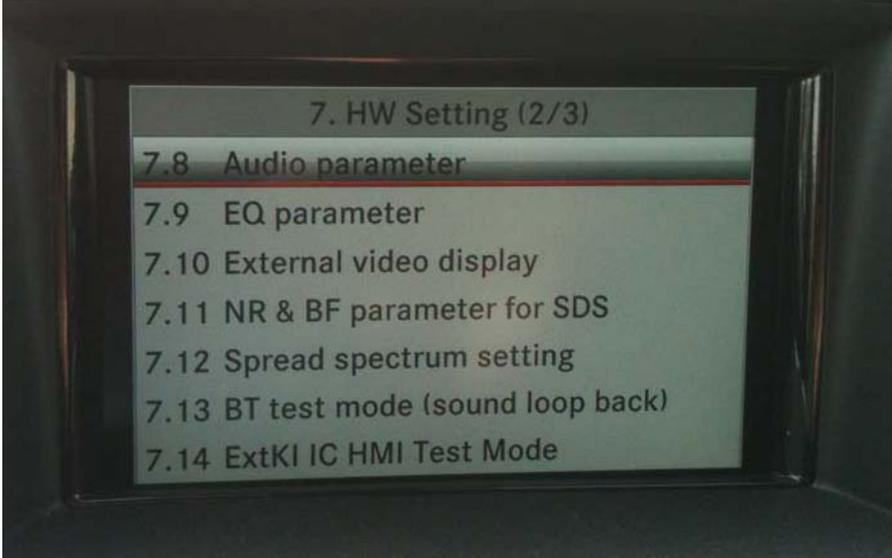
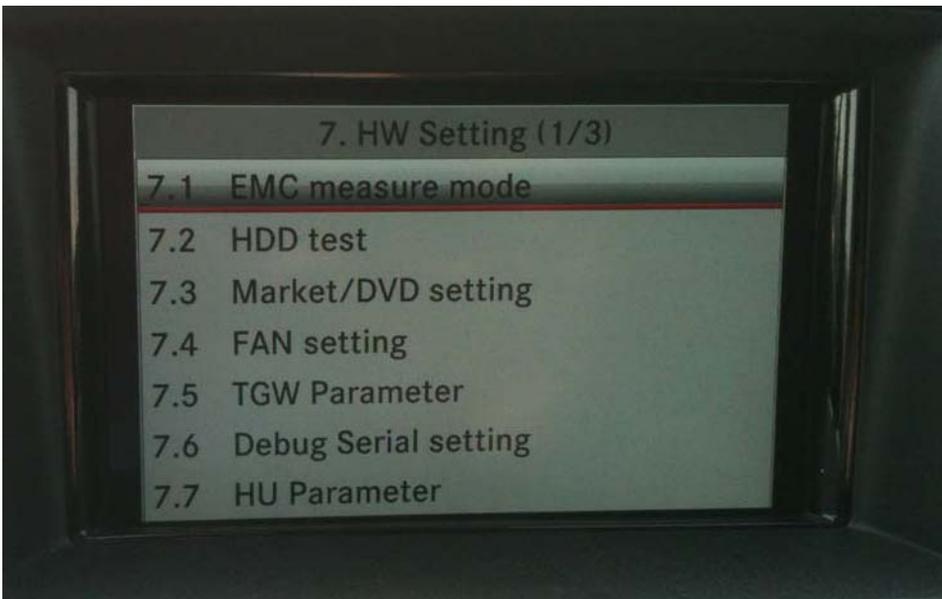


W166 (2013 ML350) COMAND Online Engineering Menu

To enter the menu: press the combination “**end call + # + 1**” together for about 10 sec. There are 2 screens for Engineering Mode:



Go to “HW Settings”. There are 3 screens for settings under “HW Settings”



Then go to "HU Parameters". The menu has 16 screens for different settings "HU parameters" look like this:

7.7 HU Parameter (1/16)

1	BT contact plate	: not installed
2	PASS	: -
3	BT Audio	: on
4	Audio AUX	: off
5	Video AUX	: on
6	Navi	: installed
7	Bluetooth	: on

BT refers to Bluetooth

7.7 HU Parameter (2/16)

8	RDS Functions	: activated
9	SDS lang for french	: -
10	IC Asia	: not installed
11	Rear camera cover	: not available
12	Navi Data Base	: activated
13	RIZ signal source	: reverse gear
14	Retrofit Navi	: not installed

7.7 HU Parameter (3/16)

15	Musicserver	: activated
16	Basic telephone	: activated
17	Addressbook	: activated
18	SDS/TTS	: activated
19	DVD Video	: on
20	Browser	: on
21	RVC Trailer Mode	: off

7.7 HU Parameter (4/16)

22 Rearview camera : RVC2.0
23 Track recording : active
24 Track guidance : active
25 Attention Assist : installed
26 Nightview : not installed
27 Remote Control : disable
28 Rear Seat : off(RSE0)

7.7 HU Parameter (5/16)

29 IC MP3 FS(CD/DVD) : 20(MFS2)
30 IC MP3 FS(UCI) : 20(MFS2)
31 IC MP3 FS(HDD) : 20(MFS2)
32 IC MP3 FS(SD/USB) : 20(MFS2)
33 Aircondition : advance
34 HDD equipped : yes
35 MPC speed limit : off

7.7 HU Parameter (6/16)

36 Recircul Air Icon : SUV
37 Airvolume Position : left
38 Hybrid AvgCons : off
39 Hybrid Status : CNG consumpti
40 Hybrid NumBars : 30
41 Compass Type : SUV
42 Use of HOV lanes : off

7.7 HU Parameter (7/16)

43 Use of Express lanes: on

44 Split View : on

45 MB Services : on

46 Analog Clock : Type 1

47 Speaker Control : Balance and Fa

48 USB Port : on

49 Steering Type : left-hand drive

7.7 HU Parameter (8/16)

50 Tel SAP Module : off

51 Telephone RFP : off

52 vCard Charset : default

53 BT_Debugging : off

54 WA Tabular :-

55 WA Graphical :-

56 Internet Connect :-

7.7 HU Parameter (9/16)

57 VPN Encryption : on

58 Favorite Func(CCE) : 2 favorite keys

59 Compass Statusline :-

60 Navi Trail Func : not installed

61 MAP Profile Support : activated

62 Digital manual : enable

63 HVAC Variant : 2-Zone

7.7 HU Parameter (10/16)

64 Arabic support : none
65 HEV Drive : All wheel drive
66 SDS-Music-Search : on
67 Wheel Imp src : WHL_STAT_TGW
68 Map Horizon I/F : SLA
69 Map Horizon Data : BASIC
70 Hybrid Unit : km/l

7.7 HU Parameter (11/16)

71 Vehicle Body Style : W - Sedan
72 Offroad Body Style : W166
73 MCS : off
74 DS Thickness : on
75 DS Side Seat Pad : off
76 DS Side Rest Pad : on
77 DS Lumbar Pad : on

7.7 HU Parameter (12/16)

78 DS Lumbar Pad ECU : MCMS
79 DS Shoulder Pad : off
80 DS Massage : on
81 DS Dynamic seat : off
82 DS Reset All : on
83 DS Heating Balance : off
84 PS Thickness : on

7.7 HU Parameter (13/16)

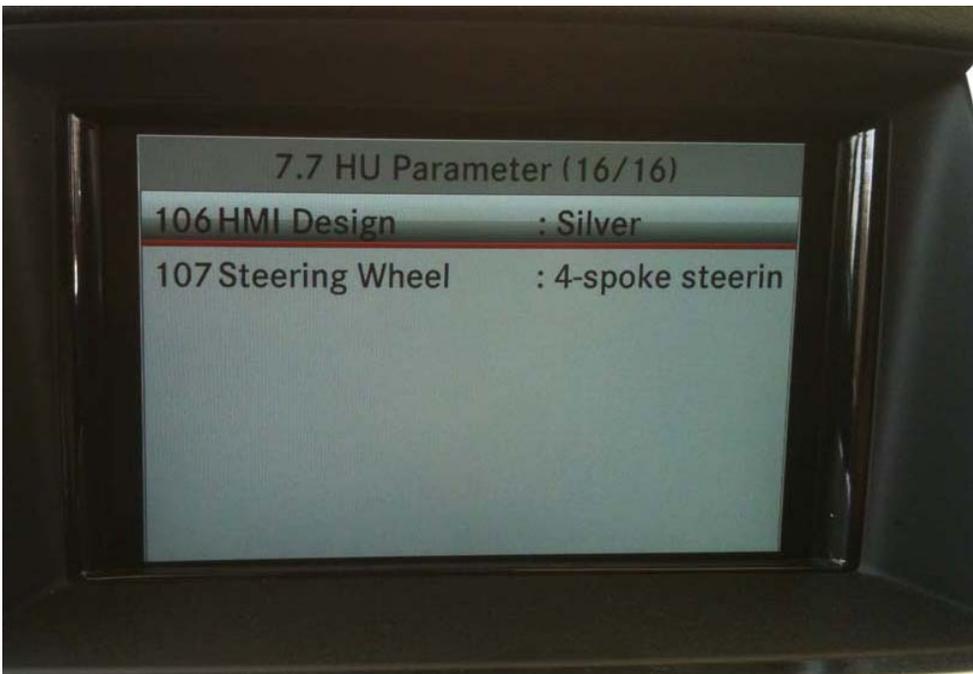
85 PS Side Seat Pad : off
86 PS Side Rest Pad : on
87 PS Lumbar Pad : on
88 PS Lumbar Pad ECU : MCMS
89 PS Shoulder Pad : off
90 PS Massage : on
91 PS Dynamic seat : off

7.7 HU Parameter (14/16)

92 PS Reset All : on
93 PS Heating Balance : off
94 Polish_Czech : available
95 SDS-M Search UCI : on
96 Clock View : disable
97 PPOI Audio : enable
98 Travel Guide : enable

7.7 HU Parameter (15/16)

99 Drive Safety Info :-
100 Travel Guide Protect : enable
101 ABC Illustr : ECE Scale 1
102 V_EntVolCorrection : 0 dB
103 Vehicle Info Scr : none
104 eCall forwarding : enable
105 Maintenance Popup : enable



Many of the settings are clear by the name. Some others are;

39 Hybrid status: Changes option for fuel consumption screen. “Hybrid” option adds a new screen showing the battery level but not much informative except a cool view on the screen as long as the car is a hybrid one. Options are none, fuel, fuel/hybrid/recuperation, fuel/recuperation, CNG Consumption

40 Hybrid numBars: The number of bars in the consumption plot. Values between 5 and 30

41 Compass Type: SUV or non-SUV (there is also China type SUV and non-SUV, whatever it means). SUV compass screen is like below. Non-SUV removes the car picture that shows the turning angel of front wheels (on the left of screen)



Compass screen for “Compass type: SUV” setting

46 Analog clock: Changes the type of clock. There are 3 types as follows:



Type 1 clock



Type 2 clock



Type 3 Clock

70 Hybrid Unit: It changes the unit in the consumption plot. Examples of unit: l/100km, km/l, mpg, km/kg etc

72 Off Road Body Style: It changes the car picture between ML and GL on the ON&OFF ROAD screen (see number

73 MCS: turns on massage screen where different massage options can be selected for driver and passenger front seats. No use if there is no massage seat installed

74-83 Settings for driver seat

84-93 Settings for passenger seat

96 Clock View: It puts a small digital clock on left up corner even if the screen is off

101 ABC Ilustr: changes the unit in ABC screen between ECE and USA

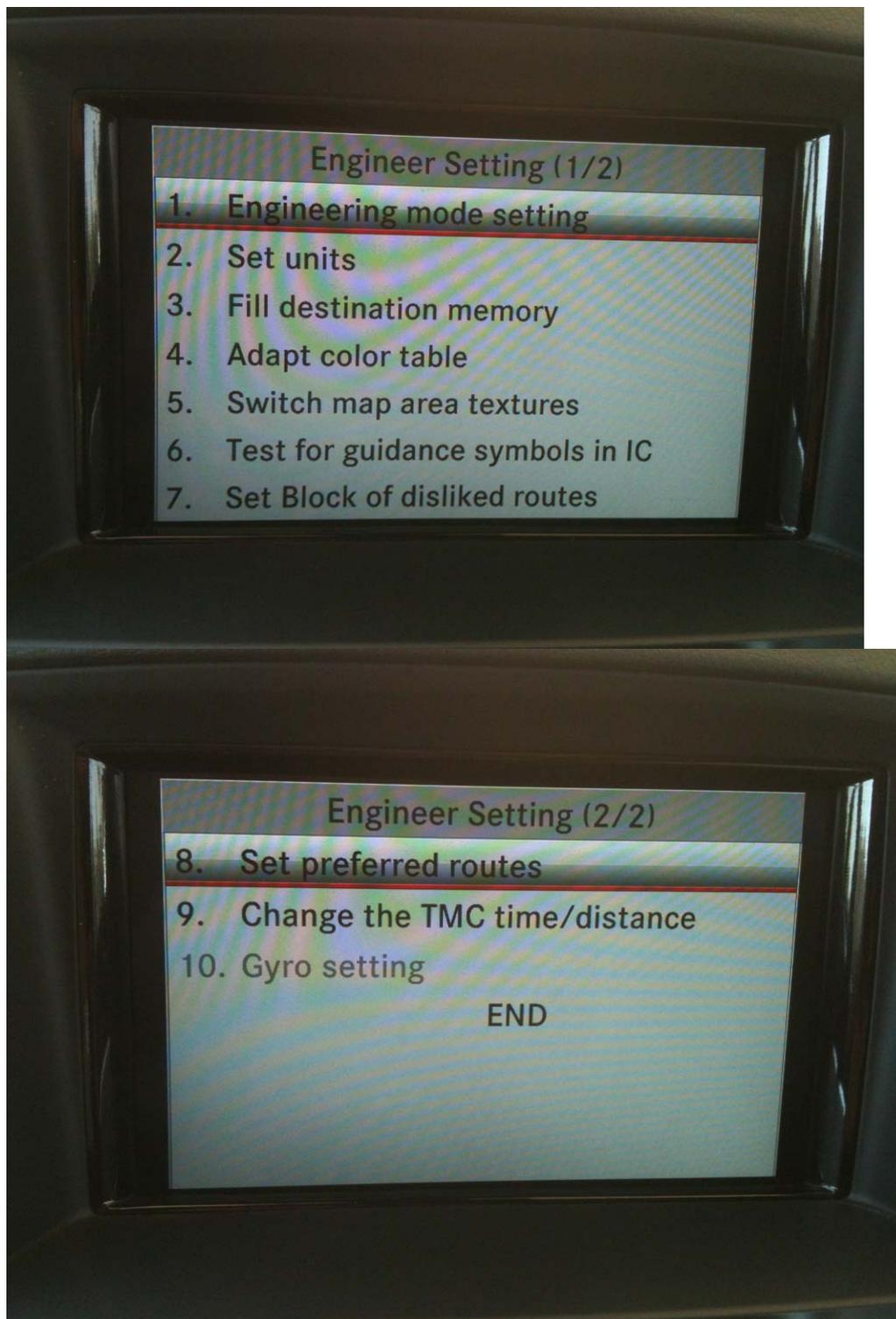
103 Vehicle Info Scr: enables "ON&OFF ROAD" or "ABC" info screen on the COMAND display. Where clock and consumption are shown. Both are cool info screens. Unfortunately they cannot be chosen together.



ABC screen for "103 Vehicle Info Scr" option

ON&OFFROAD screen for "103 Vehicle Info Scr" option

After entering engineering mode as explain above, there is another engineering mode (some calls secret menu). To enter this second engineering mode, press “**end call + 4 + #**” combination for about 10 sec after entering the first engineering mode as explained above. This will bring up the second engineering mode with the following two screens:



Each option in this second engineering menu has the following sub menus:

1. Engineering mode setting

Activated(available at next startup)

Deactivated(not available at next startup)

2. Set units

(a) current = km

Default

km

mile + yard

3. Fill destination memory

Initialize Fill destination memory ?

Yes

No

4. Adapt color table

4.1 Map color

4.2 Line width

4.3 Menu color

5. Switch map area textures

(1) Texture = ON ON -> OFF

6. Test for guidance symbols in IC

6.1 Test for guidance symbols

7. Set Block of disliked routes

- (1) Route = Deact. Deact.->Act.
- (2) Clear



8. Set preferred routes

- (1) Route = Deact. Deact.->Act.
- (2) Clear



9. Change the TMC time/distance

- (1) TMC time/distance setting
- (2) distance < 0.8 > time

