AUTOLAND SCIENTECH

AUTOLAND ePaper

Total Diagnostic Solutions / Exceed Your Expectations

No.**33**
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🔶 展覽訊息

2012 TAIPEI AMPA
April 11 - April 14, 2012
TWTC Nanggang Exhibition Center, Taipei, Taiwan
Booth Number: N0428

We look forward to greeting you there!

🔶 Latest Versions (March, 2012)

Software	Version	Language	Release date
iSCAN-II BMW Diag	V2.08	USEN/TWCH/JPJP/KRKR	2012/2/13
iSCAN-II BMW Diag E Series	V4.05/3.09	USEN/TWCH/JPJP/KRKR	2012/2/13
iSCAN-II CITROEN	V4.00/3.02/2.03	USEN/TWCH/JPJP/MXSP	2012/2/13
iSCAN-II HONDA	V4.00SP1/3.05/2.03	USEN/TWCH/JPJP	2012/2/16
iSCAN-II IMS2-FORD/LANDROVER/JAGUAR	V4.03	USEN/TWCH	2012/2/18
iSCAN-II KIA	V4.01/3.02SP3/2.02SP4	USEN/TWCH	2012/2/16
iSCAN-II LANDROVER	V4.02	USEN/TWCH/JPJP	2012/2/13
iSCAN-II MAZDA	V1.01	USEN/TWCH/JPJP	2012/2/13
iSCAN-II MB1/MB2/MB3	V5.00/4.02	USEN/TWCH/JPJP	2012/2/13
iSCAN-II PEUGEOT	V4.00/3.02/2.03	USEN/TWCH/JPJP/MXSP	2012/2/13
iSCAN-II PORSCHE	V4.01SP1/3.04SP1	USEN/TWCH/JPJP	2012/2/13
iSCAN-II RENAULT	V4.00/3.02/2.02	USEN/TWCH/JPJP	2012/2/13
iSCAN-II SUBARU	V4.01/3.01	USEN/TWCH/JPJP	2012/2/13
iSCAN-II TOYOTA	V5.05/4.06/3.06	USEN/TWCH/JPJP	2012/2/13
iSCAN-II VOLVO	V4.01/3.03	USEN/TWCH/JPJP	2012/2/13
IMS2-FORD/LANDROVER/JAGUAR	V4.03	USEN/TWCH	2012/2/18
IMS2-VASS AddOn	V2.02		2012/2/16
BMW Diag E Series	2012.01	USEN/TWCH/JPJP/KRKR	2012/2/13
BMW Diag F Series	V4.05/3.09	USEN/TWCH/JPJP/KRKR	2012/2/13
BMW Diag F Series	2012.01	USEN/TWCH/JPJP/KRKR	2012/2/13
CITROEN	2011.12	USEN/TWCH/JPJP	2012/2/13
HONDA	2012.02	USEN/TWCH/JPJP	2012/2/16
KIA	2012.02	USEN/TWCH	2012/2/16
LANDROVER	2012.01	USEN/TWCH/JPJP	2012/2/13
MAZDA	2012.01	USEN/TWCH/JPJP	2012/2/13
MB1/MB2/MB3	2012.01	USEN/TWCH/JPJP	2012/2/13

PEUGEOT	2011.12	USEN/TWCH/JPJP	2012/2/13
PORSCHE	2011.12	USEN/TWCH/JPJP	2012/2/13
RENAULT	2011.12	USEN/TWCH/JPJP	2012/2/13
SUBARU	2012.01	USEN/TWCH/JPJP	2012/2/13
TOYOTA	2012.01	USEN/TWCH/JPJP	2012/2/13
VOLVO	2012.01	USEN/TWCH/JPJP	2012/2/13
D91 HONDA	V5.00SP1/4.05/3.03	USEN/TWCH/JPJP	2012/2/16
D91 KIA	V7.01/6.02SP3/5.02SP4	USEN/TWCH	2012/2/16
D91 SUBARU	V5.01/4.01	USEN/TWCH/JPJP	2012/2/13
D91 TOYOTA	V8.05	USEN/TWCH/JPJP	2012/2/13

VeDiS-II Yearly Update Project (YUP) Software

Software releases monthly for VeDiS-II EURO PRO YUP 2012 / VeDiS-II ASIAN PRO YUP 2012 YUP customers, please get the updates from website.

Technical Guidance

Mercedes-Benz PSE setting

1. PSE (Pneumatic System Equipment)

The door and trunk release/locking mechanisms were primarily manual, cable transmission or mechanical key driven.
Nearly every vehicle model Mercedes Benz offers today is equipped with Central Locking
driven by a pneumatic pump. Mercedes-Benz S series W220 is an example of such systems, this chassis not only covers the central locking but also controls shoulder area, side bolsters, lumbar support and up and down speed of headrest by using pump provided pressure or vacuum. Easily release and lock the trunk using radio frequency signal to send the command. The settings can be changedthru the pneumatic PSE setting on the Pneumatic System.
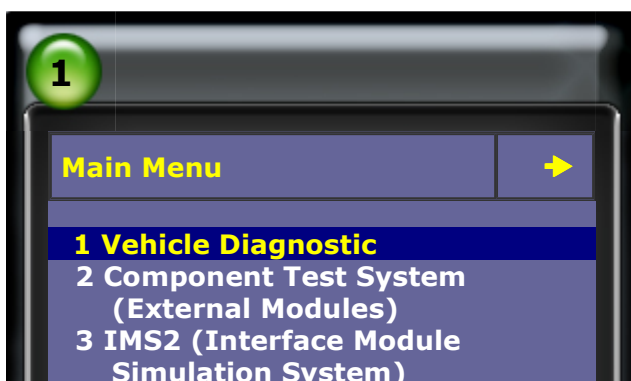
2. Example of PSE setting

a. Remote trunk lid release with rear switch
b. Lock automatically when the car reaches a certain vehicle speed.

How to perform these functions utilizing iScan-II wt

Example a. Remote trunk lid release with rear switch

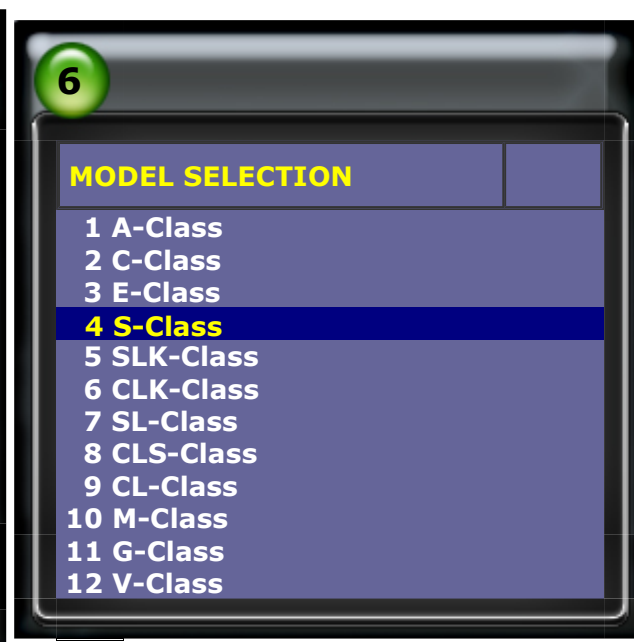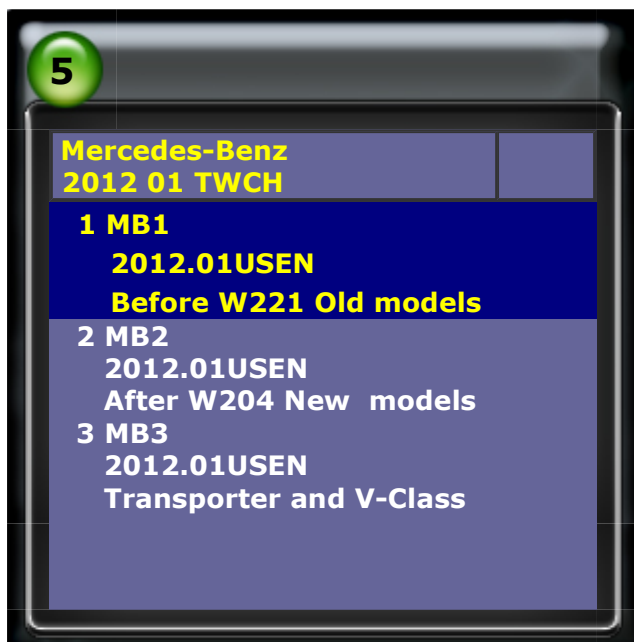- **Select Vehicle Diagnostic-> EUROPEAN**

1

Main Menu	➡

1 Vehicle Diagnostic
2 Component Test System
   (External Modules)
3 IMS2 (Interface Module
   Simulation System)

2

Vehicle Diagnostic	

1 EUROPEAN
2 AMERICAN
3 ASIAN

80 OBDII Standard Compliant Diagnostic
81 J2534 (passthru)
82 DOL Mode (Diagnostic On-Line)

- **Select Mercedes-Benz ->Mercedes-Benz 2012.01USEN**

3

EUROPEAN	▶

1 BMW
2 MERCEDES-BENZ
3 JAGUAR
4 SMART
5 VOLVO
6 FIAT
7 LANDROVER
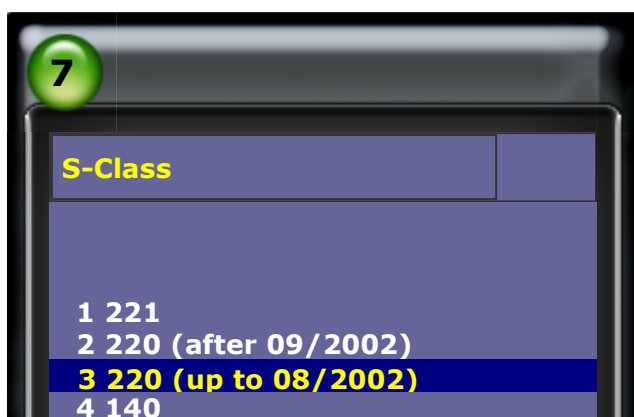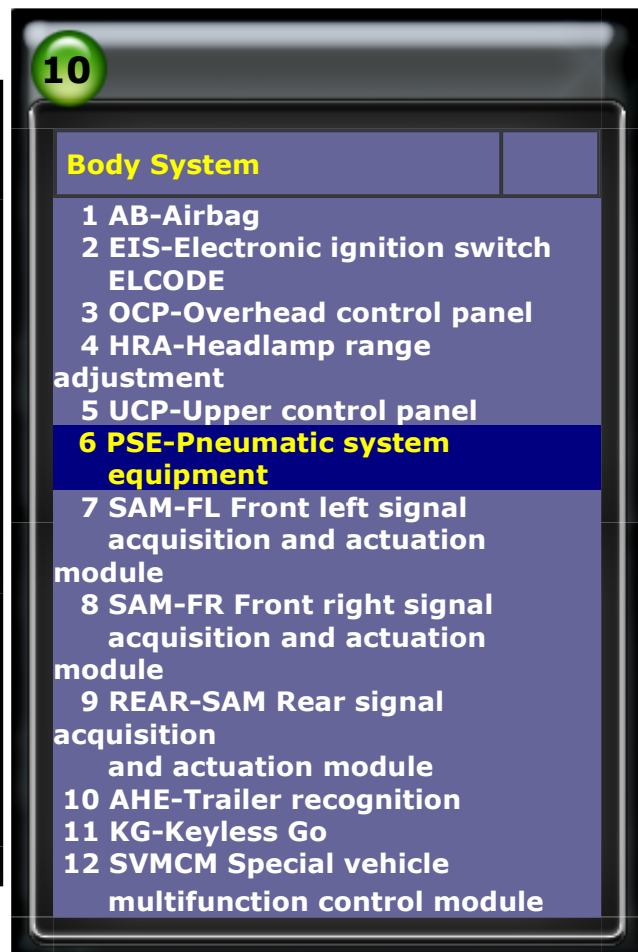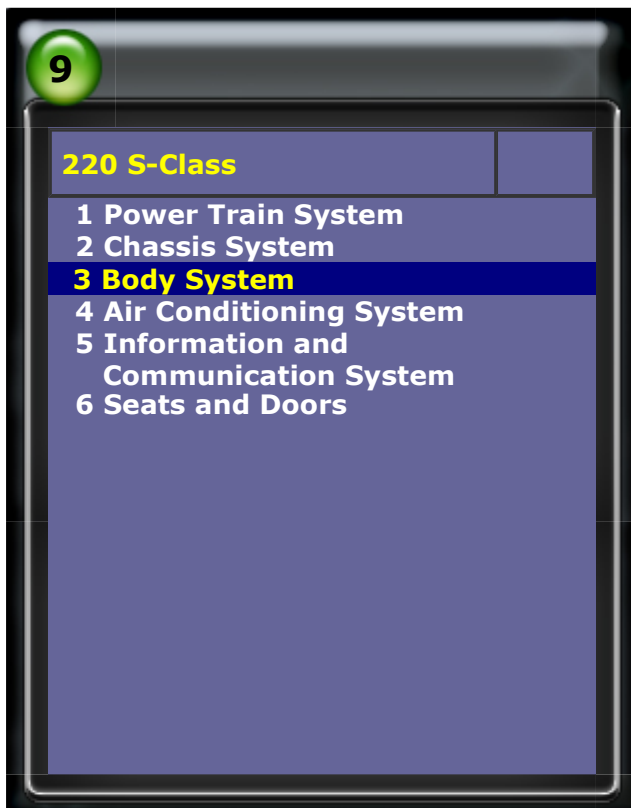**8 OPEL**
9 SAAB
10 VW/AUDI/SKODA/SEAT

4

MERCEDES-BENZ

1 Mercedes-Benz 2012.01USEN

- **Select MB1 2012.01USEN Before W221 Old models ->S-Class**

5

Mercedes-Benz
2012 01 TWCH

1 MB1
2012.01USEN
Before W221 Old models
2 MB2
2012.01USEN
After W204 New models
3 MB3
2012.01USEN
Transporter and V-Class

6

MODEL SELECTION

1 A-Class
2 C-Class
3 E-Class
4 S-Class
5 SLK-Class
6 CLK-Class
7 SL-Class
8 CLS-Class
9 CL-Class
10 M-Class
11 G-Class
12 V-Class

- **Select 220 (up to 08/2002) → Individual System Search**

7

S-Class

1 221
2 220 (after 09/2002)
3 220 (up to 08/2002)
4 140

8

S-Class 220

1 Whole System Search
2 Individual System Search
3 Quick Service

5 126
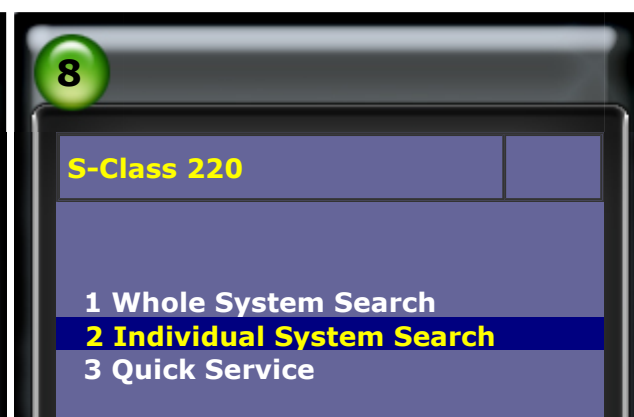
● **Select Body System → PSE-Pneumatic system equipment**

9

220 S-Class

1 Power Train System
2 Chassis System
3 Body System
4 Air Conditioning System
5 Information and
   Communication System
6 Seats and Doors

10

Body System

  1 AB-Airbag
  2 EIS-Electronic ignition switch
    ELCODE
  3 OCP-Overhead control panel
  4 HRA-Headlamp range
adjustment
  5 UCP-Upper control panel
  6 PSE-Pneumatic system
    equipment
  7 SAM-FL Front left signal
    acquisition and actuation
module
  8 SAM-FR Front right signal
    acquisition and actuation
module
  9 REAR-SAM Rear signal
acquisition
    and actuation module
 10 AHE-Trailer recognition
 11 KG-Keyless Go
 12 SVMCM Special vehicle
    multifunction control module

● **Please select "Adaptation"**

11

PSE

MB No. 220 800 05 48
Supplier BOSCH
Hardware date 34/99
Software date 49/99
Diagnosis index 0/02

12

PSE

1 System Information
2 Read Fault Code
3 Clear Fault Code
4 Data Stream
5 Activation
6 Adaptation
7 Initial startup
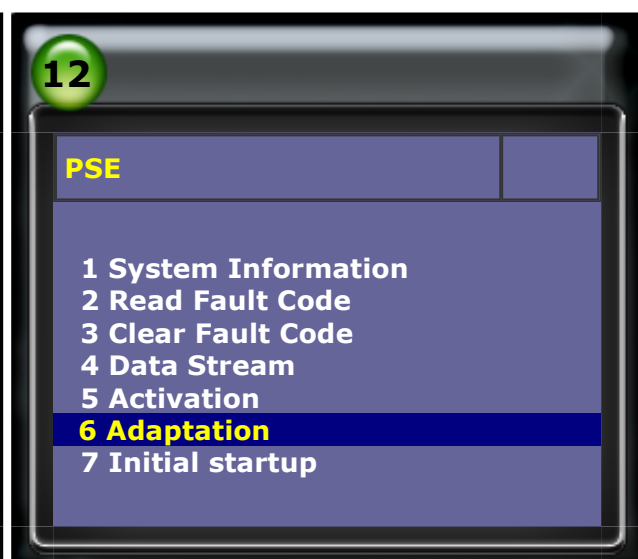
● **Please select "Read coding and change"**

13

14
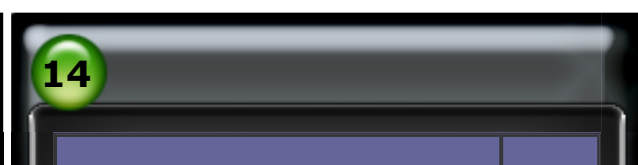
Adaptation

1 Read coding and change
2 Factory setting

Read and change coding

1 Trunk lid remote release
2 Head restraint adjustment
3 Multicontour backrests
4 Central locking
5 Power locking
6 Childproof locks
7 Emergency opening

- **ACTIVE "Remote trunk lid release with rear switch"**

15

Read and change coding

1 Remote trunk lid release with remote control
2 Remote trunk lid release with rear switch
3 Remote trunk lid release with RTR interior switch
4 Lock trunk lid after closing
5 Selective opening for trunk lid
6 Delay time of RTR interior switch

16

Read and change coding

Remote trunk lid release with rear switch **NOT ACTIVE**

1 ACTIVE
2 NOT ACTIVE

17

Read and change coding

Remote trunk lid release with rear switch Set to ACTIVE

18

Read and change coding

Remote trunk lid release with rear switch **ACTIVE**

1 ACTIVE
2 NOT ACTIVE

Example b. Activate Locks automatically when the car reaches a certain vehicle speed

- **Select Central locking → Automatic locking through vehicle speed signal**

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Read and change coding

20

Read and change coding

1 Automatic relocking after 40s

1 Trunk lid remote release
2 Head restraint adjustment
3 Multicontour backrests
4 Central locking
5 Power locking
6 Childproof locks
7 Emergency opening

2 Central locking
3 Lock trunk lid after closing
4 Automatic locking through
vehicle speed signal
5 Selective opening for driver door
6 Selective opening for front passenger door
7 Selective opening for left rear door
8 Selective opening for right rear door
9 Selective opening for trunk lid
10 Selective opening for fuel filler flap
11 Vehicle speed signal threshold for automatic locking

21

Read and change coding

Automatic locking through vehicle speed signal **NOT ACTIVE**

1 ACTIVE
2 NOT ACTIVE

22

Read and change coding

Automatic locking through vehicle speed signal Set to ACTIVE

23

Read and change coding

Automatic locking through vehicle speed signal **ACTIVE**

1 ACTIVE
2 NOT ACTIVE

24

Read and change coding

1 Automatic relocking after 40s
2 Central locking
3 Lock trunk lid after closing
4 Automatic locking through vehicle speed signal
5 Selective opening for driver door
6 Selective opening for front passenger door
7 Selective opening for left rear door
8 Selective opening for right rear door
9 Selective opening for trunk lid
10 Selective opening for fuel filler flap
11 Vehicle speed signal threshold for automatic locking

- **Factory default value 15 km/h (It may change by customer demand.)**

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Read and change coding

Vehicle speed signal threshold for automatic locking 15 km/h

1 5 km/h
2 10 km/h
3 15 km/h
4 20 km/h
5 25 km/h