Mercedes-Benz
The best or nothing.

star bulletin

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Order No.: S-B-58.40/162
Group: 58

SUBJECT: **MY-All, Models All**
Multiplexer

There are variations in the way certain multiplexers work with various models. For all vehicles up to model 222 S-Class Star Diagnosis Basic[2] (Figure 2) (3) with multiplexer (Part D3) (figure 1) (1), Star Diagnosis Compact[3] w (Figure 2) (4) with multiplexers SDconnect (Figure 1) (2), or Part D3 (Figure 1) (1), and Star Diagnosis Compact[4] (Figure 2) (5), with multiplexers SDconnect (Figure 1) (2), or Part D3 (Figure 1) (1), can be used as well as XENTRY Connect Kit (Figures 3-4) (6-7).

NOTE: XENTRY Tab (Figure 3) (6) can only work with XENTRY Connect (Figure 4) (7).

1 Part D3
2 SDconnect

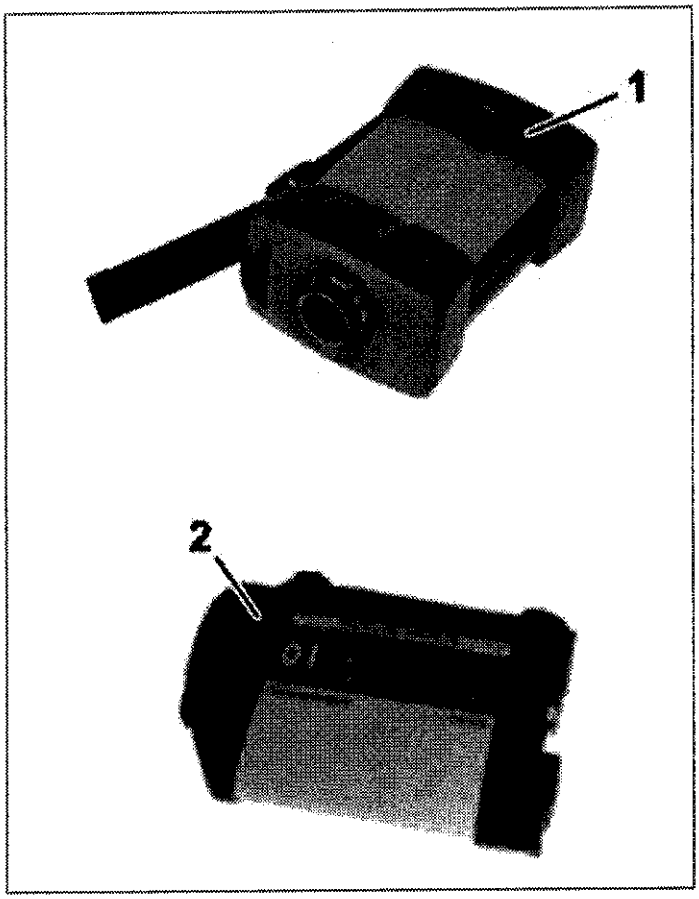


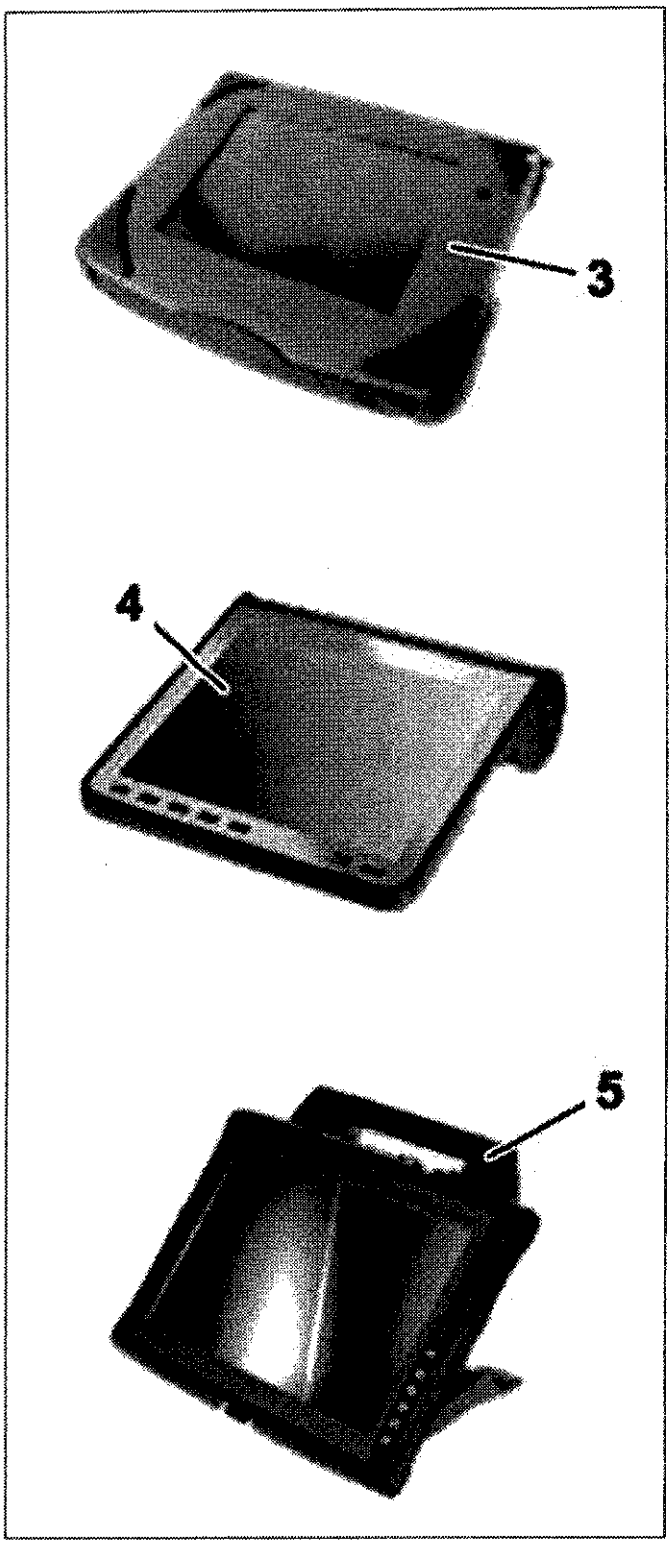
Figure 1. P58.40-2121-02

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For the new S-Class (model 222) only the Star Diagnosis Compact4 (Figure 2) (5), with SDconnect DoIP may be used (recognizable by the Star Diagnosis system number 170000 ff., delivery as of November 2010) or XENTRY Kit (Figures 3-4) (6-7).



3 Star Diagnosis Basic[2]
4 Star Diagnosis Compact[3] w
5. Star Diagnosis Compact[4]

Figure 2. P58.40-2122-03

6 XENTRY Tab

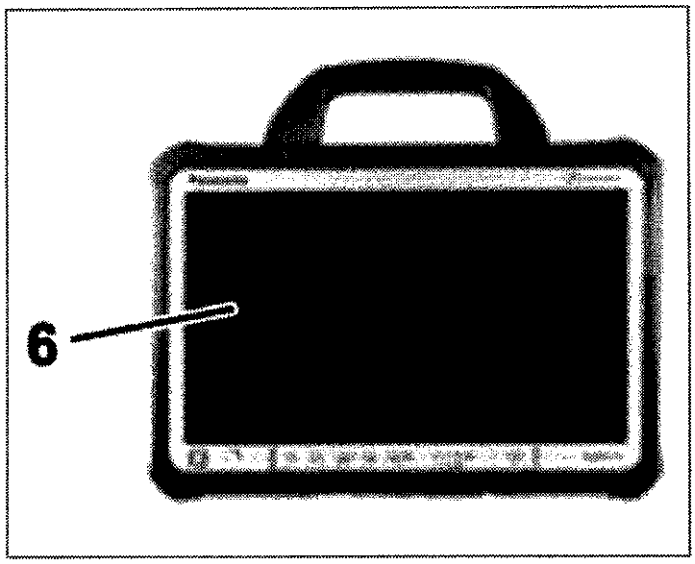


Figure 3. **P58.40-2123-01**

7 XENTRY Connect

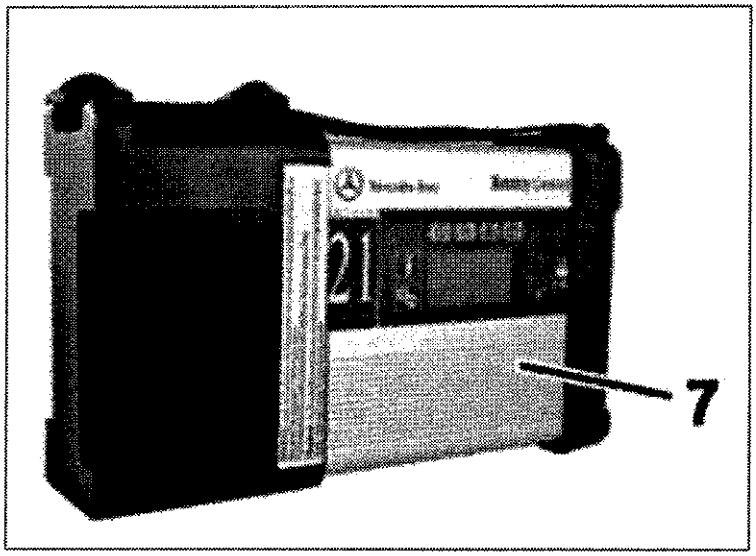


Figure 4. P58.40-2124-01

SDconnect DoIP devices for diagnosis of the model 222 S-Class have "**SDconnect DoIP**" on the model plate of the device (system number 170000 or higher) (Figure 5). SDconnect DoIP includes an Ethernet switch, which switches the TCP/IP messages in the event of DoIP diagnosis to the vehicle side.

Main sticker

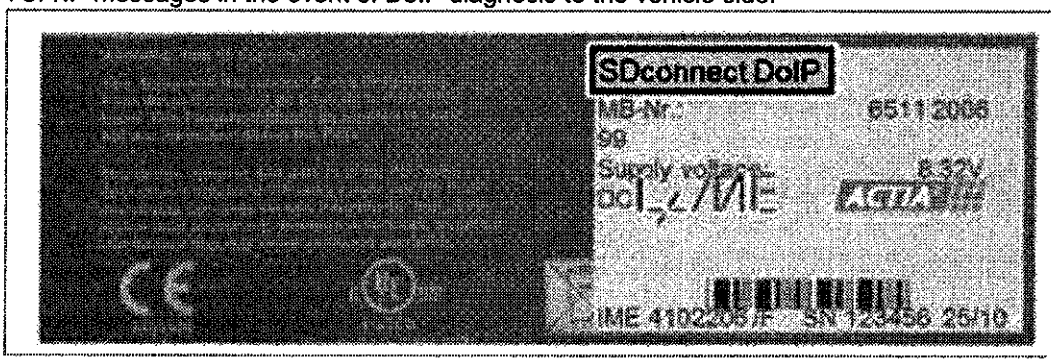


Figure 5. P58.40-2125-10

Electrical Interface	SDcConnect	SDconnect DoIP
K-LINE	yes	yes
CAN	yes	yes
DoIP (Ethernet)	no	yes

DoIP-compatible on-board diagnosis cables have yellow marking tape at both ends and this is the only cable that works with the SDconnect system number 170000 or higher. If the number is illegible on the system number sticker, please look at the main factory sticker (Figure 5) for the wording, "DoIP."