Wiring diagrams

● The wiring diagrams are assigned to the familiar function groups 00-91. To more easily locate individual wiring diagrams, the systems are listed alphabetically in the "Search aid through all wiring diagram groups"
OV00.01-P-1901DA or A3 (paper version), with an indication of the function group/ function subgroup.

● The wiring diagrams are filed in the relevant function group, arranged according to the PE number,
e.g.: PE07.61-P-2101DA
PE07.61-P-2101DB

For filing supplements and as a check that the volume is complete, refer to the tables of contents of the relevant function group for the order of the filed wiring diagrams,
e.g.: PE07.00-P-1100DA Survey of wiring diagrams....

● The wiring diagrams are generated as system block diagrams or control module diagrams and the layout is as follows:
-System block diagrams
All the control modules belonging to the system (e.g. ESP), are shown as a block. Components and signals which influence the control modules as a result of the systems or functions, are shown with direction arrows.

-Control module diagrams
Control modules are shown complete with all connected components. The feed of the control modules is shown at the front. The wiring diagrams also contain linkages of possible variants and functions.
Linkages, recognizable as variants, are shown within a frame and provided with an abbreviated designation/ abbreviation.
In the event of a phased-in modification the variants are designated with 1
and 2.

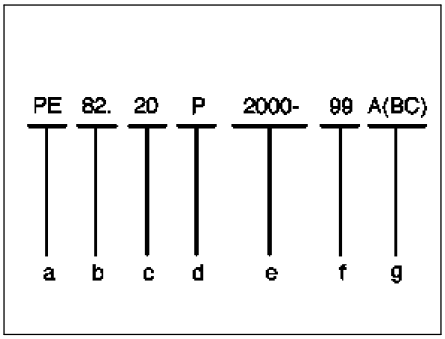
● The variants marked with the abbreviated designation "U..." are listed in the legends. Explanations regarding identifications of variants with abbreviations such as ESP can be found "Abbreviations for workshop literature"
OV00.01-P-1001-27A *(A4).
The signal and circuit designations used are explained in "Abbreviations of signal and circuit designations for wiring diagrams"
OV00.01-P-1001-28DA *(A5).

● The vehicle ident end numbers or production break point dates stated, apply to the commencement of standard production. Pre-series vehicles may have a lower vehicle ident end number or an earlier production break point date.

● Cable cross-sections may differ from that shown in the wiring diagrams.

Wiring diagram number

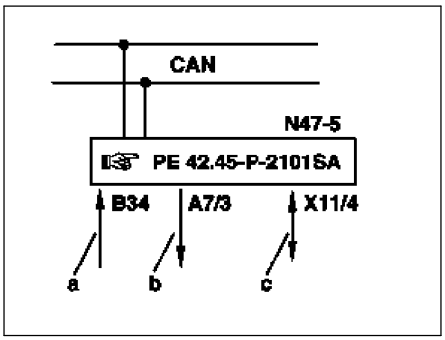
a Information type
b Function group
c Function subgroup
d Generator ID
e Record number
f Information unit number
g Validity letter(s)



P00.19-0401-01

System block diagram

a Input signal from component B34 into control module N47-5
b Output signal from control module N47-5 into component A7/3
c Bidirectional signal

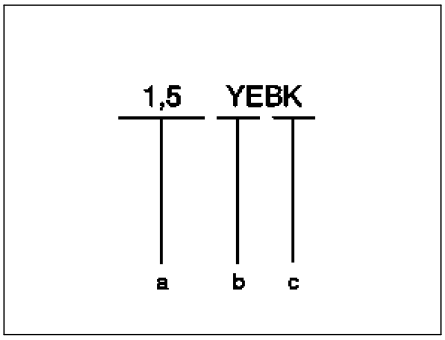


P00.19-2070-01

Cable identification

a Cable cross-section in mm2
b Basic color
c Identification color

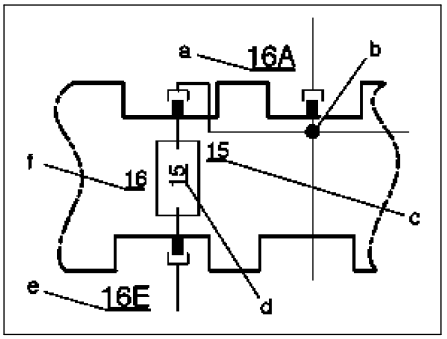
i The slash between basic color and identification color is discontinued.



P00.19-2306-01

Fuse blocks

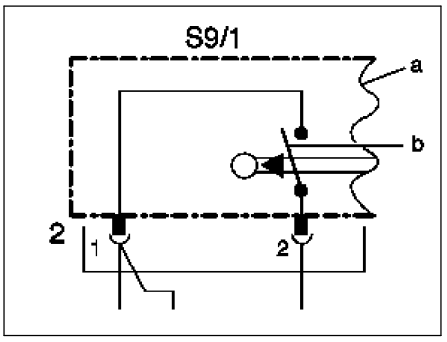
a Plug position numbering output (A, B, C or D)
b Cable jumper
c Circuit designation
d Fuse rating in amperes
e Plug position numbering input (E)
f Fuse number



P00.19-0405-01

Components and switches

a Components which are not illustrated in full, are shown partially.
b Switch contacts are shown in the off position.



P00.19-0406-01

Cable colors:

BK	=	black	=	schwarz
BN	=	brown	=	braun
BU	=	blue	=	blau
GN	=	green	=	grün
GY	=	grey	=	grau
PK	=	pink	=	rosa
RD	=	red	=	rot
TR	=	transparent	=	naturfarben
VT	=	violet	=	violett
WH	=	white	=	weiß
YE	=	yellow	=	gelb

● The feed of the Z connector sleeves is shown by an arrow pointing to the left, the outputs by arrows pointing to the right, as follows:

			←	**G2** **Battery**
→	N3/10	ME control module	1/10	

● Special features for WIS display

In contrast to the paper version, it is possible in the WIS to select certain areas (red surround) and to thus jump to other documents or wiring diagrams.

- Selection of connectors	→	document: Location and assignment of connectors
- Selection of ground points	→	document: Location and assignment of ground points
- Selection of Z connector sleeves	→	document: Location and assignment of Z connector sleeves
- Selection of PE hand symbol	→	reference to connecting wiring diagrams
- Selection of Component designations	→	document: abbreviations of signal and circuit designations

The symbol ☞ **PE . .** refers to connecting wiring diagrams or block diagrams.