The Electrical Troubleshooting Manual is composed of system diagrams. The layout of the system diagram contains all components of the system (ie: control modules, sensors, voltage supply, fuse connection, etc.).

The system diagrams are arranged in the familiar group system (00 - 91).

For easier comprehension, the system diagrams in Group 07, Engine Fuel Systems, are depicted on several consecutive pages. Consecutive pages are denoted with roman numerals (I, II, III, etc.). For example, the system diagram of Engine 119 is depicted on two pages (07-5.00/I, 07-5.00/II).

Also found on consecutive page diagrams are wire leads which direct you to a different page within that system.
For example: ↓
X4/25 (2)
II

This indicates that the wire continues to component X4/25, pin 2 and that this component and it´s wiring may be found on consecutive page no. II.

Variations in wiring or componentry which are model specific, or due to engine variations or equipment levels are enclosed by a dashed box.

Components/wiring for California vehicles are indicated by the callout U2 in the upper left hand corner of a dashed box. The callout U2 is then referenced in the legend as Valid for (USA) California.

Connector sleeves (Z) are replaced by a twin-connection when applicable.
Actual cross section of wire may differ from values shown in wiring diagram.
Changes in cross section of wire will be shown framed.

Vehicles Identification Numbers are valid for vehicles built during main production run.
Vehicles built during production phase-in or production start-up may have lower
Vehicle Identification Numbers.

Coordination of acronym to function is listed in group 00-A.3 .

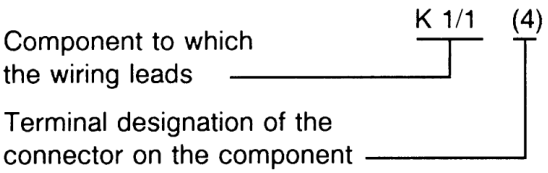
Components which include a slash mark in their description, (ie: N47-1 ASR/SPS control module) indicates that the component is applicable to either both systems or just one of the systems.

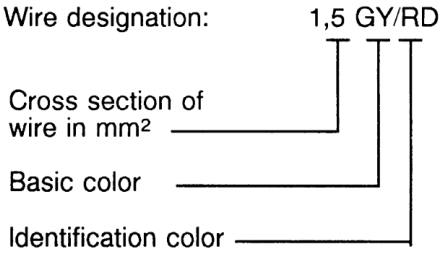
Example: N47-1 ASR/SPS control module

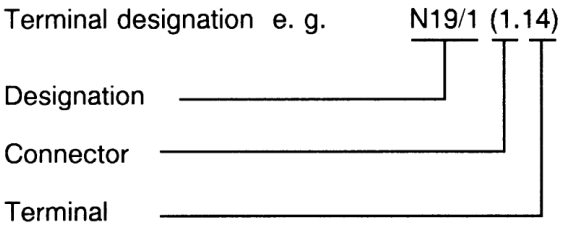
Model 124 is not equipped with SPS, therefore the control module is applicable only for ASR.

Model 140 is equipped with SPS, therefore the control module is applicable for both ASR and SPS.

Explanations:







Driving direction: →X

This symbol ☞ **PE** . . refers to the group, in which further function diagrams can be found.

The following acronyms may be found in the wiring diagrams within the manual.

Acronym	System/Description
4MATIC	Automatically controlled four-wheel drive
A/C (Automatic)	**A**ir **C**onditioning (Automatic)
A/C (Tempmatic)	**A**ir **C**onditioning (Tempmatic)
AB	**A**ir**B**ag
ABS	**A**nti-lock **B**rake **S**ystem
ADM	**A**utomatic **D**imming inside rearview **M**irror
ADS	**A**daptive **D**amping **S**ystem
AIR	Secondary **AIR** injection
AP	**A**ccelerator **P**edal
AS	**A**ntenna **S**ystem
ASD	Automatic locking differential
ASR	**A**cceleration **S**lip **R**egulation
AT	**A**utomatic **T**ransmission
ATA	**A**nti-**T**heft **A**larm
BA	**B**ackup **A**ssist
BARO	**BARO**metric pressure
BCAPC	**B**arometric pressure-**C**harge **A**ir **P**ressure **C**ompensation
BDC	**B**ottom **D**ead **C**enter
BM	**B**ase **M**odule
BPC	**B**arometric **P**ressure **C**ompensation
CA	**C**losing **A**ssist
CAN	**C**ontroller **A**rea **N**etwork
CC	**C**ruise **C**ontrol
CDC	**CD C**hanger
CF	**C**onveniece **F**eature
CFI	**C**ontinuous **F**uel **I**njection system (electronic)

The following acronyms may be found in the wiring diagrams within the manual.

Acronym	System/Description
CKA	**C**ran**K** **A**ngle
CKP	**C**ran**K**shaft **P**osition
CL	**C**entral **L**ocking
CLUS	Instrument **CLUS**ter
CMP	**C**a**M**shaft **P**osition
CST	**C**abriolet **S**oft **T**op
CTEL	**C**ellular **TEL**ephone
CTP	**C**losed **T**hrottle **P**osition (idle)
DI	**D**istributor **I**gnition system
DM	**D**iagnostic **M**odule
DTC	**D**iagnostic **T**rouble **C**ode
EA	**E**lectronic **A**ccelerator
ECL	**E**ngine **C**oolant **L**evel
ECT	**E**ngine **C**oolant **T**emperature
EDC	**E**lectronic **D**iesel **C**ontrol
EDR	**E**lectronic **D**iesel **R**egulation
EDS	**E**lectronic **D**iesel **S**ystem
EGR	**E**xhaust **G**as **R**ecirculation
EIFI	**E**lectronic **I**n-line **F**uel **I**njection
EMSC	**E**lectric **M**irror, **S**teering **C**olumn adjustment, heated mirrors
ESA	**E**lectric **S**eat **A**djustment
ESC	**E**lectric **S**teering **C**olumn adjustment
ESCM	**E**ngine **S**ystems **C**ontrol **M**odule
EATC	**E**lectronic **A**utomatic **T**ransmission **C**ontrol
ETC	**E**lectronic **T**ransmission **C**ontrol
ETR	**E**mergency **T**ensioning **R**etractor
ETS	**E**lectronic **T**raction **S**ystem

The following acronyms may be found in the wiring diagrams within the manual.

Acronym	System/Description
EVAP	**EVAP**orative emission control system
FAN	**FAN**nfare horns
FFS	**F**rame **F**loor **S**ystem
FP	**F**uel **P**ump
GIM	**G**ovenor **I**mpulse **M**ethod
HCS	**H**eadlamp **C**leaning **S**ystem
HFM-SFI	**HFM S**equential multiport **F**uel **I**njection/ignition system
HFS	**H**ands **F**ree **S**ystem
HHT	**H**and-**H**eld **T**ester
HORN	**HORN** signal system
HS	**H**eated **S**eats
IAT	**I**ntake **A**ir **T**emperature
IDC	**I**n-**D**ash **C**ontroller
INFO	**INFO**rmation center
IR	**I**nfra**R**ed
IRCL	**I**nfra**R**ed remote **C**entral **L**ocking
ISC	**I**dle **S**peed **C**ontrol
KS	**K**nock **S**ensor
KSS	**K**nock **S**ensor **S**ystem
LH-SFI	**LH-S**equential multiport **F**uel **I**njection system
LS	**L**oudspeaker **S**ystem
MAF	**M**ass **A**ir **F**low
MAP	**M**anifold **A**bsolute **P**ressure
MIL	**M**alfunktion **I**ndicator **L**amp
MT	**M**anual **T**ransmission
MVA	**M**anifold **V**acuum **A**ssist

The following acronyms may be found in the wiring diagrams within the manual.

Acronym	System/Description
O2S	**O**xyigen (O_2) **S**ensor
OBD	**O**n-**B**oard **D**iagnostics
OC	**O**xidation **C**atalytic converter
OSB	**O**rthopedic **S**eat **B**ackrest
PEC	**P**ressurized **E**ngine **C**ontrol
PL	**P**ower **L**ocking
PMP	**P**artial intake **M**anifold **P**reheater
PNP	**P**ark / **N**eutral **P**osition
PS	**P**ower **S**teering
PSE	**P**neumatic **S**ystem **E**quipment
RB	**R**oll **B**ar
RD	**R**a**D**io
REST	Residual engine heat utilization
RHR	**R**etractable rear **H**ead **R**estraints
RHS	**R**ear **H**eated **S**eats
RPM	**R**evolutions **P**er **M**inute (engine speed)
RST	**R**oadster **S**oft **T**op
RTG	**R**etractable **T**runk lid **G**rip
SBE	**S**eat **B**elt **E**xtender
SLO	**S**tarter **L**ock-**O**ut
SMS	**S**ervice **M**icrofiche **S**ystem
SPS	**S**peed-sensitive **P**ower **S**teering
SR	**S**liding/pop-up **R**oof
SRS	**S**upplemental **R**estraint **S**ystem
TAF	**T**runk lid **A**uxiliary **F**use
TAV	**T**ank **A**eration **V**alve
TB	**T**hrottle **B**ody

The following acronyms may be found in the wiring diagrams within the manual.

Acronym	System/Description
TDC	**T**op **D**ead **C**enter
TIC	**T**ransistorized **I**gnition **C**ontrol
TN	Speed signal
TPC	**T**ire **P**ressure **C**ontrol
TPM	**T**ire **P**ressure **M**onitoring
TRAP	**TRAP** Oxidizer
TRIP	**TRIP** computer
TS	**T**owing **S**ensor
TVV	**T**ank **V**ent **V**alve
TWC	**T**hree **W**ay **C**atalytic converter
VAF	**V**olume **A**ir **F**low
VSS	**V**ehicle **S**peed **S**ensor
WOT	**W**ide **O**pen **T**hrottle (full load)
TC	**T**urbo**C**harger
TCM	**T**ransmission **C**ontrol **M**odule
TD	Speed signal (**T**ime **D**ivision) (EZL)

Wire color code

BK = black
BR = brown
BU = blue
IV = ivory
GN = green
GY = grey
TR = neutral/transparent
OR = orange
PK = pink
RD = red
VI = purple
WT = white
YL = yellow