

Mexican Beetle Circuit Diagrams Translation

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Wiring Diagrams Translation:-

Fuse Colour Codes:-

8A = White

16A = Red

25A = Blue

Wiring Colour Codes:-

ws = White

sw = Black

ro = Red

br = Brown

gn = Green

bl = Blue

gr = Grey

li = Purple

ge = Yellow

Relays:-

J17 - Fuel Pump Relay - Relay 80

J176 - Digifant Control Unit Relay - Relay 30

NOTES:

The numbers in quotes indicate the terminal number written on the relay.

Relays 30 and 80 are located behind the instrument panel next to the fusebox

Relays in Fusebox:-

NOTE: The relays below are numbered from left to right

1. Indicators Relay
2. Not used
3. Alarm System
4. Intermittant Windscreen Wipers

Wiring Symbols and Terminals Letters:-

Symbol / Terminal	Description	Location (if applicable)
A	Battery	
B	Starter Motor	
C	Alternator	
C1	Voltage Regulator	Part of Alternator
D	Starter and Ignition Switch	
E1	Lights Switch	
E2	Indicators Switch	
E3	Hazzard Warning Lights Switch	
E4	Headlight Dip/Beam Switch	
E20	Instrument Panel Lights Dimmer	
E22	Windscreen Wipers Switch	
E75	Alarm System Switch	
F	Brake Lights Switch	
F2	Courtesy Light Door Switch - Left	
F3	Courtesy Light Door Switch - Right	
F4	Reverse Gear Lights Switch	
F120	Front Boot Alarm Switch	
F266	Rear Engine Cover Alarm Switch	
G	Fuel Gauge Sender	
G1	Fuel Gauge	
G10	Low Oil Pressure Switch	
G23	Fuel Pump	
G27	Engine Temperature Sensor	
G39	Lamda Sensor	
G40	Hall Sensor	
G42	Air Temperature and Air Flow Sensor	
G88	Throttle Butterfly Potentiometer	
H	Horn Switch	
H1	Horn / Dual Tone Horn	
H8	Alarm Activated Siren	
J2	Indicators Relay	
J17	Fuel Pump Relay	
J31	Intermittant Windscreen Wipers Relay	
J85	Alarm System Control Unit	
J169	Digifant Control Unit (Engine Management)	
J176	Digifant Control Unit Power Relay (via terminal 30)	
J362	Immobiliser Control Unit	
K	Instrument Panel Lights (Headlights Switch ?)	
K1	High Beam Warning Light	
K2	Alternator Warning Light	
K3	Oil Pressure Warning Light	
K5	Indicators Warning Light	
K6	Hazzard Lights Warning Light	
K7	Dual Braking Circuit and Handbrake Warning Light	
K115	Immobiliser Activated Light	
L1	Front Left Headlight (Dip and Beam)	
L2	Front Right Headlight (Dip and Beam)	
L9	Courtesy Door Light and Courtesy Door Light's Switch	
L10	Instrument Panel Illumination Lights	
M6	Rear Indicator - Left	
M8	Rear Indicator - Right	
M16	Reverse Gear Light - Left	
M17	Reverse Gear Light - Right	
M21	Rear Left Brake and Rear Lights	
M22	Rear Right Brake and Rear Lights	
M35	Front Indicator - Left	
M36	Front Indicator - Right	

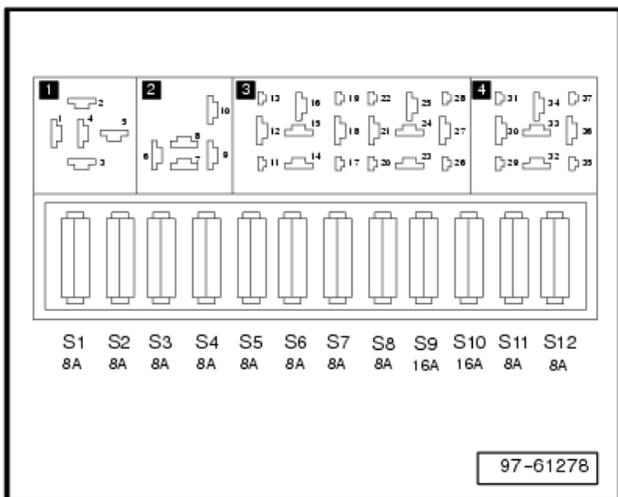
Symbol / Terminal	Description	Location (if applicable)
N14	Dual Circuit Braking - Electronic Device Connection	
N30	Cylinder 1 Injector	
N31	Cylinder 2 Injector	
N32	Cylinder 3 Injector	
N33	Cylinder 4 Injector	
N71	Idle speed stabilization valve	
N80	Electronic valve for the Active Carbon Filter	
N152	Ignition Transformer	
N157	Ignition Coil Transformer - Final Stage	
O	Distributor	
P	Spark Plug Covers	
Q	Spark Plugs	
S1		
S2		
S3		
S4		
S5		
S6		
S7		
S8		
S9		
S10		
S11		
S12		
S81	Fuel Pump Fuse	
T1a	Black 1 pin Connector	Underneath Rear Seat, Left Hand Side
T1b	Black 1 pin Connector	Underneath Rear Seat, Left Hand Side
T1c	Black 1 pin Connector	
T1d	Black 1 pin Connector	
T1e	Red 1 pin Connector	
T1g	White 1 pin Connector	Behind the Instrument Cluster
T1h	White 1 pin Connector	
T2	Grey 2 pin Connector	Behind the Instrument Cluster
T2a	White 2 pin Connector	Engine Compartment
T2c	Black 2 pin Connector	Engine Compartment - Centre
T2d	Red 2 pin Connector	Behind the Instrument Cluster
T2e	Black 2 pin Connector	Behind the Instrument Cluster
T2f	Black 2 pin Connector	Front Boot
T2g	White 2 pin Connector	Front Boot, Left Hand Side
T2h	Black 2 pin Connector	
T3	Black 3 pin Connector - Diagnostics Socket	Engine Compartment, Left Hand Side
T3a	Black 3 pin Connector	Engine Compartment
T3b	3 pin Connector	
T4	Black 4 pin Connector	Engine Compartment
T5a	Black 5 pin Connector	
T5b	Black 5 pin Connector	
T5c	Black 5 pin Connector	Steering Column
T6	6 pin Connector	Behind the Instrument Cluster
T6a	6 pin Connector	Behind the Instrument Cluster
T7	Black 7 pin Connector	Steering Column
T8	Black 8 pin Connector	Behind the Dashboard
T8a	Black 8 pin Connector	Behind the Instrument Cluster - Centre
T8b	White 8 pin Connector	Behind the Instrument Cluster - Centre
T8c	Black 8 pin Connector	Steering Column
T10	White 10 pin Connector	Underneath Rear Seat, Left Hand Side
T25	25 pin Connector	Underneath Rear Seat, Left Hand Side
T28	28 pin Connector (Round)	Engine Compartment, Left Hand Side
V	Wiper Motor	
V36	Fuel Pump	
W16	Courtesy Light	
X	Number Plate Light	

Symbol / Terminal Circled Numbers	Description	Location (if applicable)
30	Connection point	Next to relay plate
39	Connection point	Underneath Rear Seat - Left Hand Side
40	Connection point	Underneath Rear Seat - Centre (?)
42	Connection point	Next to Steering Column
74	Connection point	Inside the head-lining
81	Connection point 1	Instrument Cluster Wiring Harness
94	Connection point 1	In Digifant's Wiring Harness
110	Connection point 2	Instrument Cluster Wiring Harness
199	Connection point 3	Instrument Cluster Wiring Harness
A2	Positive Connection - Terminal 15	Instrument Cluster Wiring Harness
A40	Positive Connection - Terminal 58b	Instrument Cluster Wiring Harness
A17	Terminal 61	Wiring loom behind the instrument cluster
A20	Terminal 15a	Connection Point - Behind Instrument Clus
A24	Braking System Connection	Behind Instrument Cluster
A32	Positive Connection - Terminal 30	Instrument Cluster Wiring Harness
A40	Positive Connection - Terminal 30	Instrument Cluster Wiring Harness
A61	Positive Connection - X	Behind Instrument Cluster
A89	Connection Point 2 - Terminal 54	Behind Instrument Cluster
A99	Connection Point 1 - Terminal 87	Instrument Cluster Wiring Harness
A138	Connection Point 2	Instrument Cluster Wiring Harness
A157	Terminal 49a	Instrument Cluster Wiring Harness
A158	Terminal T	Instrument Cluster Wiring Harness
A159	Terminal L	Instrument Cluster Wiring Harness
B102	Connection point	Interior - Front Left
B108	Connection point	Interior - Rear Right (?)
B109	Connection point	Interior Wiring Harness - Rear Left
B131	Terminal 54	Interior Wiring Harness
B143	Positive Connection - Terminal 54 and Terminal 58R (Positive)	Interior Wiring Harness
B146	Conneciton point 1 - Terminal 87	Interior Wiring Harness
B158	Connection - Terminal S	Interior Wiring Harness
B169	Terminal 30 (+ Battery)	Interior - Wiring Harness
B239	Positive Connection - Terminal 50	Connection Point - Interior
G3	Positive Connection	Fuel Injection Cables
G4	Negative Connection	Fuel Injection Cables
G6	Positive Connection - Terminal 15	Digifant ECU's Wiring Harness
D132	Terminal RF	Engine bay wiring harness

Digifant fuel injection system, engine code ACD (Mexico)

from October 1998

Deviate relay location and fuseplacements as well as the locations of multiple connectors see section “component locations”



Relay location:

- J17** - Fuel pump relay (80)
- J176** - Digifant engine control module power supply relay (30)

Fuse locations, fuse S81:

S81 - Fuel Pump (FP) Fuse, blue, 10A *

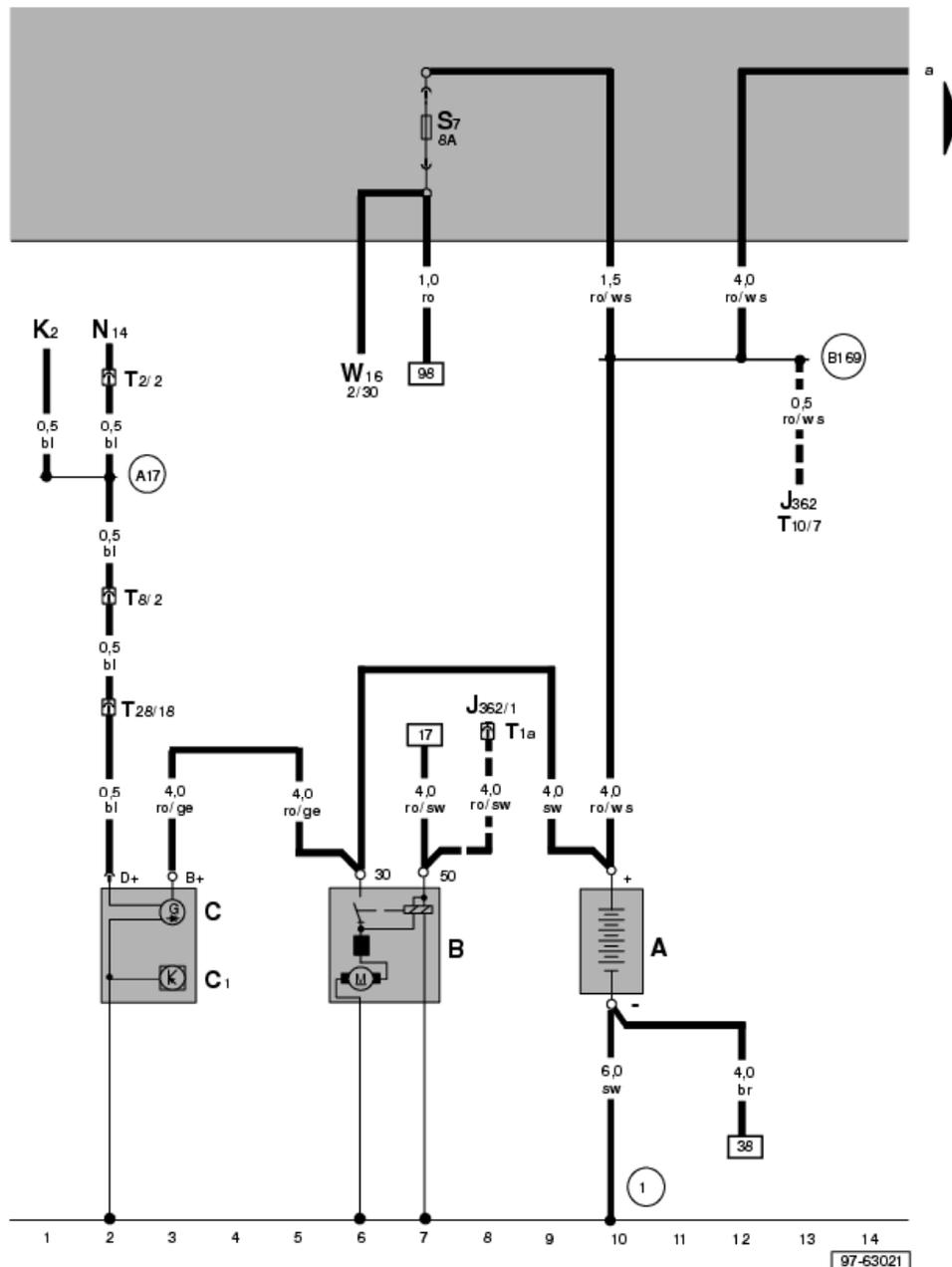
Nota:

Number in parenthesis indicates production control number stamped on the relay house.

* Relays number (30), (80) and fuse S81 are placed in relay support, next to electric central, behind instrument panel

Fuse colors

- 8 A - white
- 16A - red



Battery, Starter, Generator (GEN), Voltage Regulator (VR)

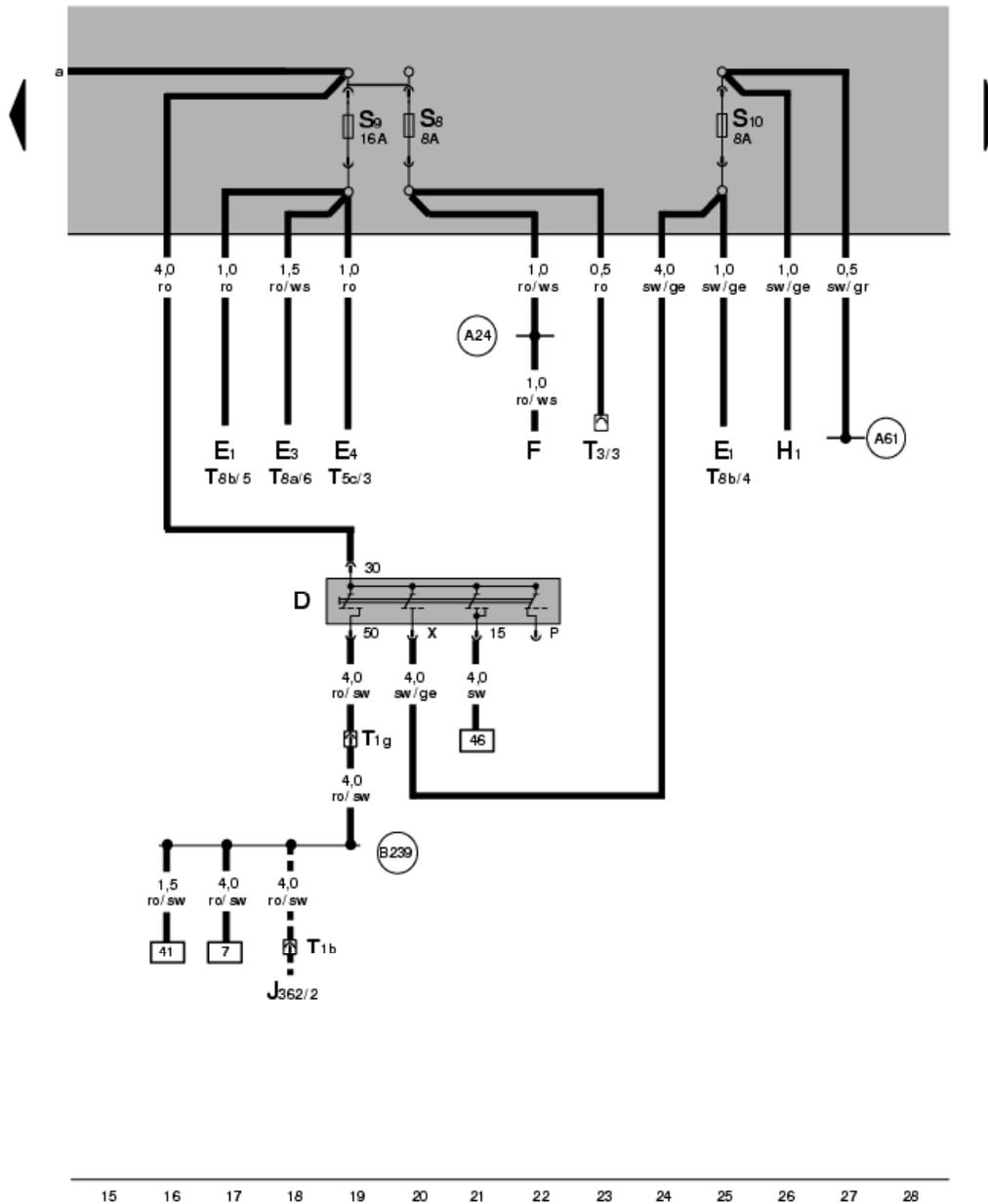
- A - Battery
 - B - Starter
 - C - Generator (GEN)
 - C1 - Voltage Regulator (VR)
 - J362 - Control module for anti-theft immobilizer
 - K2 - Generator (GEN) Warning Light
 - N14 - Brake/Parking Brake Control Module
 - T1a - Black Single Connector below rear seat, left
 - T2 - Grey Double Connector behind instrument panel
 - T8 - Black 8-Pin Connector behind instrument panel
 - T10 - White 10-Pin Connector below rear seat, left
 - T28 - 28-Pin Connector in engine compartment, left
 - W16 - Left Interior Light
- (1) - Ground strap, battery to body
 - (A17) - Antenna Booster Power Supply
 - (B169) - Positive connection 1 (30) in passenger compartment wiring harness
 - - Only vehicles with immobilizer for digital key (To May 2002)

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

97-63021

Ignition/ Starter Sw itch

- D - Ignition/Starter Switch
- E1 - Light switch
- E3 - Emergency Flasher Switch
- E4 - Headlight Dimmer/Flasher Switch
- F - Brake Light Switch
- H1 - Signal horn/dual tone horn
- J362 - Control module for anti-theft immobilizer
- T1b - Black Single Connector below rear seat, left
- T1g - White Single Connector
- T3 - Black 3-Pin Connector (OBD) in engine compartment, left
- T5c - Black 5-Pin Connector on steering column
- T8a - Black 8-Pin Connector behind instrument panel
- T8b - White 8-Pin Connector behind instrument panel, center
- (A24) - wire connection (brake system monitoring), in instrument panel wiring harness
- (A61) - Plus Connection (X), in Instrument cluster wiring harness
- (B239) - Plus Connection 1 (50) (in interior wiring harness)
- - Only vehicles with immobilizer for digital key (To May 2002)



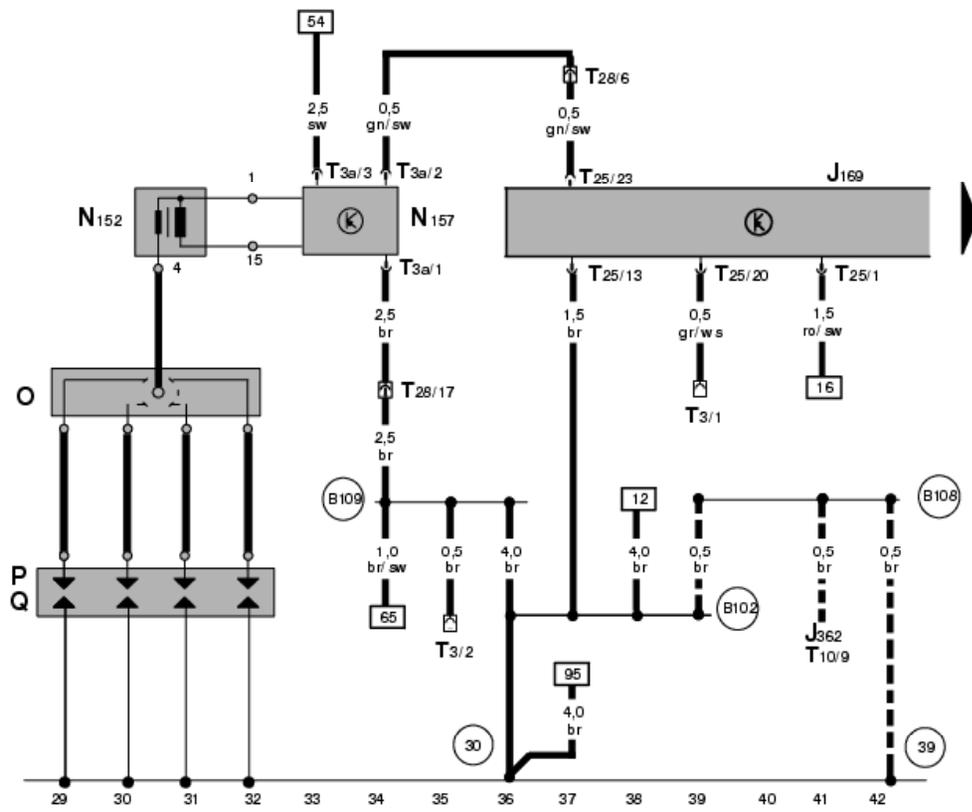
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 ge = yellow

15 16 17 18 19 20 21 22 23 24 25 26 27 28

Digifant Engine Control Module (ECM), Ignition Coil, Ignition Coil Power Output Stage

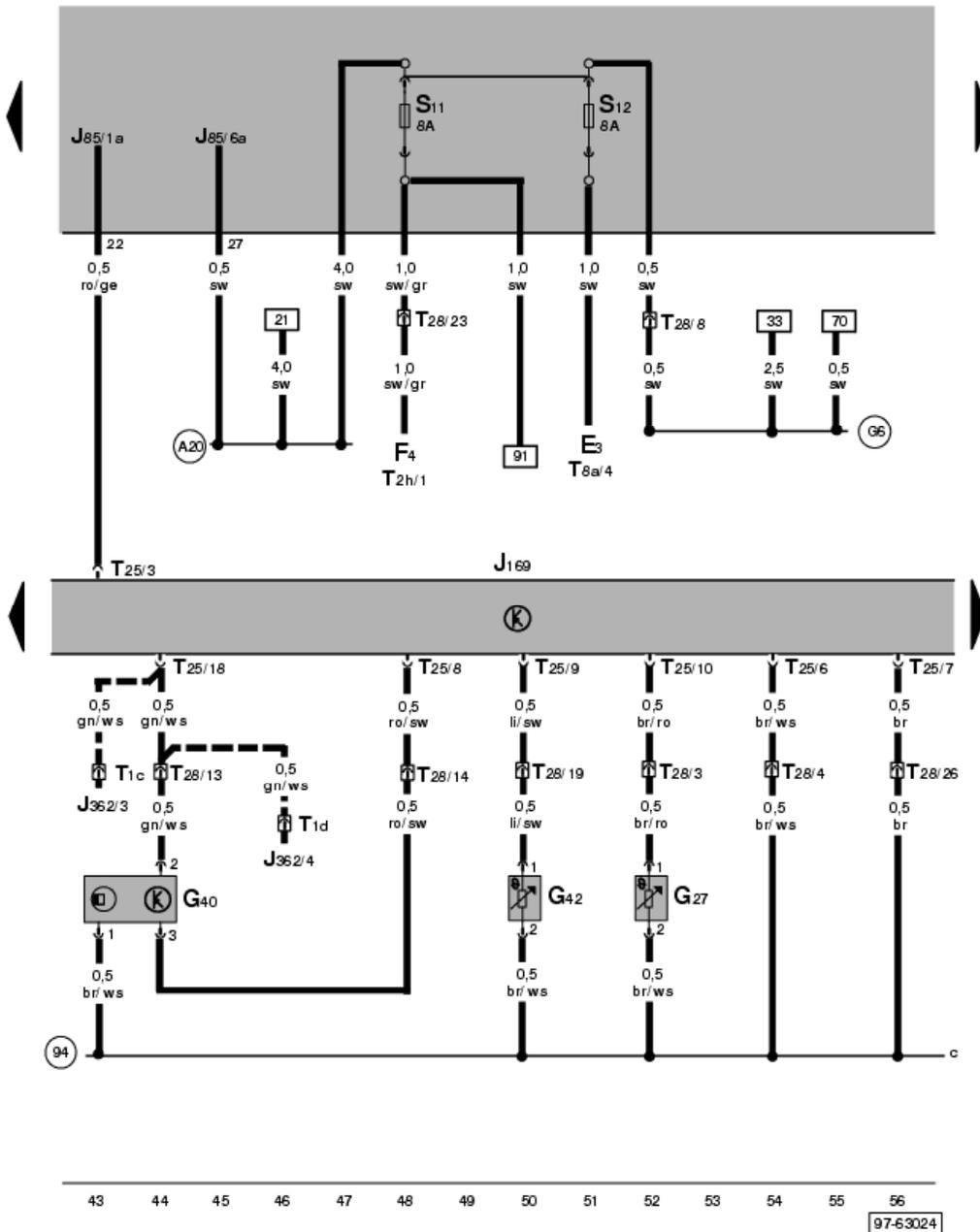
- J169 - Digifant Engine Control Module (ECM)
- J362 - Control module for anti-theft immobilizer
- N152 - Ignition Coil
- N157 - Ignition Coil Power Output Stage
- O - Ignition Distributor
- P - Spark Plug Connectors
- Q - Spark Plugs
- T3 - Black 3-Pin Connector (OBD) in engine compartment, left
- T3a - Black 3-Pin Connector in engine compartment
- T10 - White 10-Pin Connector below rear seat, left
- T25 - 25-Pin Connector below rear seat, left
- T28 - 28-Pin Connector in engine compartment, left

- (30) - Ground connection, -1-, beside fuse/relay panel
- (39) - Ground connection, below rear seat bench, left
- (B102) - Ground connection, in transmission wiring harness
- (B108) - Ground connection -2-, in left front wiring harness
- (B109) - Ground connection, in airbag wiring harness
- - Only vehicles with immobilizer for digital key (To May 2002)



ws = white
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 ro = red
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 gn = green
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 gr = grey
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 ge = yellow

Digifant Engine Control Module (ECM), Camshaft Position (CMP) Sensor, Sensor for engine temperature, Intake Air Temperature (IAT) Sensor

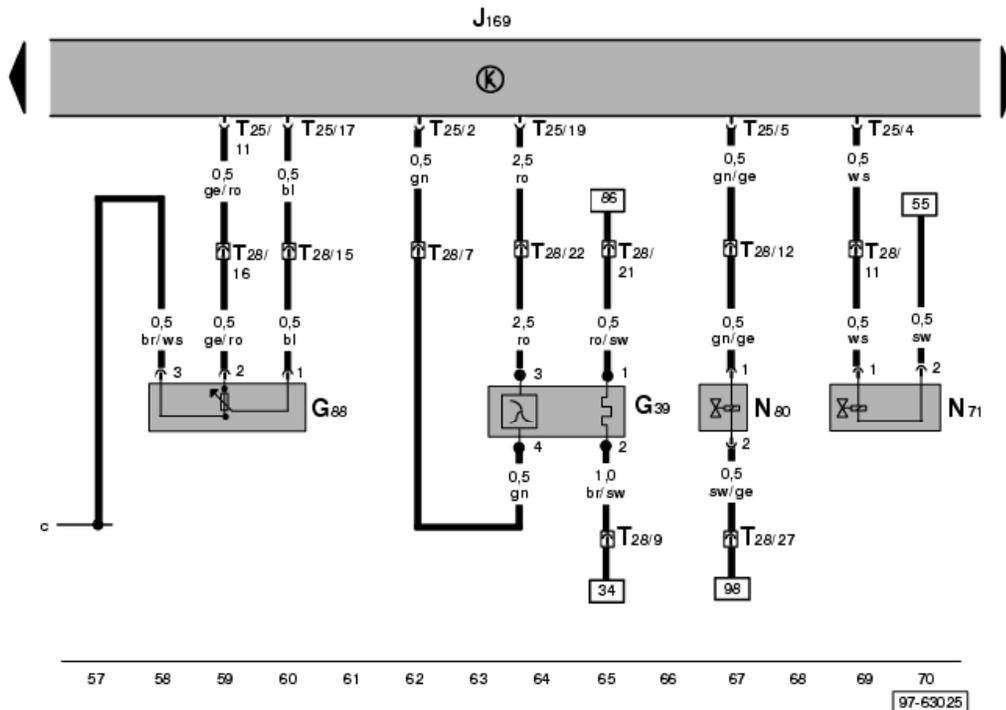


- E3 - Emergency Flasher Switch
- F4 - Back-Up Light Switch
- J85 - Alarm System Control Module
- G27 - Sensor for engine temperature
- G40 - Camshaft Position (CMP) Sensor
- G42 - Intake Air Temperature (IAT) Sensor
- G71 - Manifold Absolute Pressure (MAP) Sensor
- J169 - Digifant Engine Control Module (ECM)
- J362 - Control module for anti-theft immobilizer
- T1c - Black Single Connector
- T1d - Black Single Connector
- T2h - Black Double Connector
- T8a - Back 8-Pin Connector behind instrument panel, center
- T25 - 25-Pin Connector below rear seat, left
- T28 - Conector de 28 polos in engine compartment, left
- 94 - Ground connection -1-, in Digifant Multiport Fuel Injection (MFI) wiring harness
- A20 - Plus Connection (15a) (in instrument panel wiring harness)
- G6 - Plus connection (15), in Digifant Multiport Fuel Injection (MFI) wiring harness
- - Only vehicles with immobilizer for digital key (To May 2002)

Digifant Engine Control Module (ECM), Heated Oxygen Sensor (HO2S), Throttle Position (TP) Sensor, Idle Air Control (IAC) Valve

- G39 - Heated Oxygen Sensor (HO2S)
- G88 - Throttle Position (TP) Sensor
- J169 - Digifant Engine Control Module (ECM)
- N71 - Idle Air Control (IAC) Valve
- N80 - Evaporative Emission (EVAP) Canister Purge Regulator Valve
- T25 - 25-Pin Connector below rear seat, left
- T28 - 28-Pin Connector in engine compartment, left

2007.11.01 wiring lambda probe corrected by 1600i.de



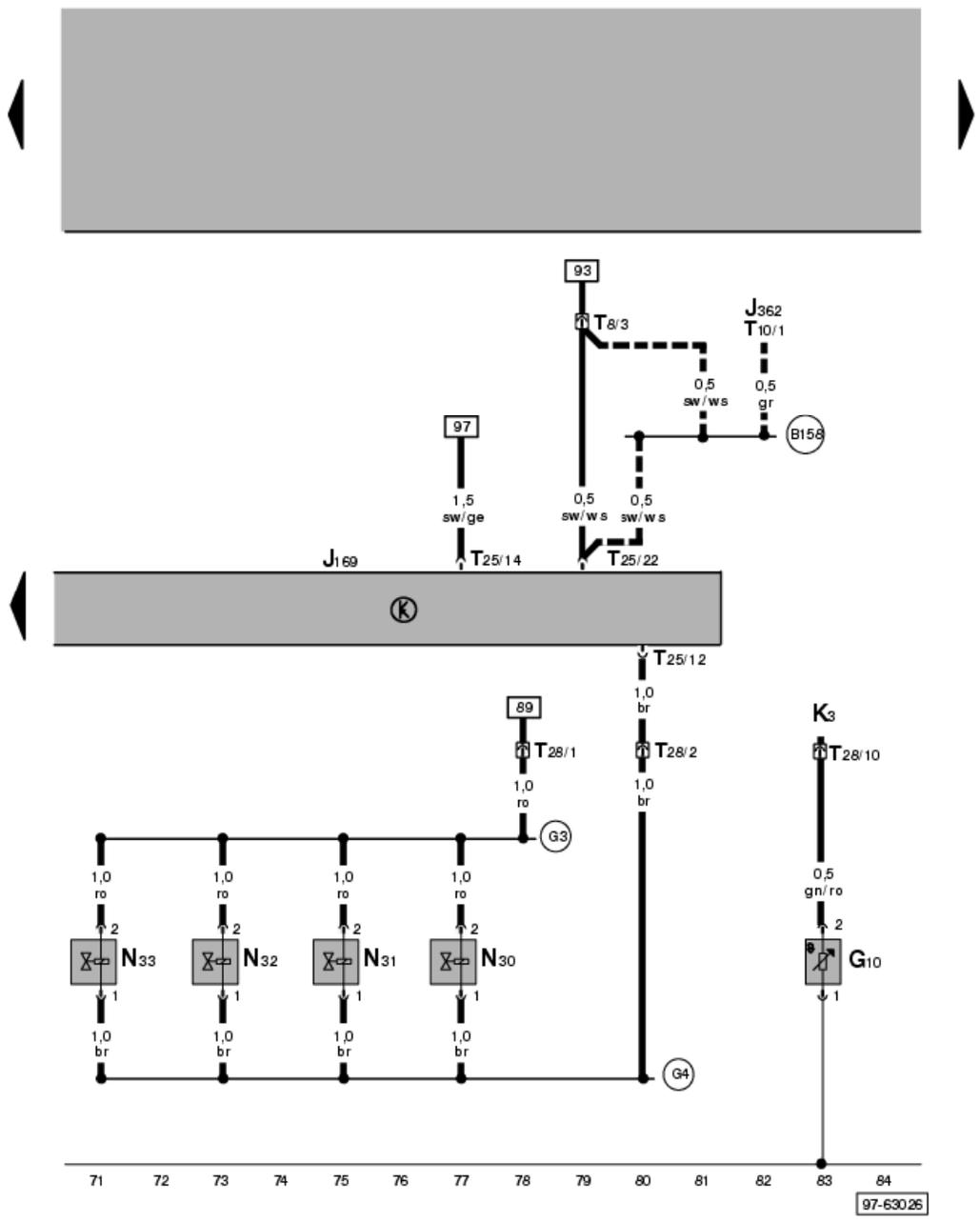
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = violet
- ge = yellow

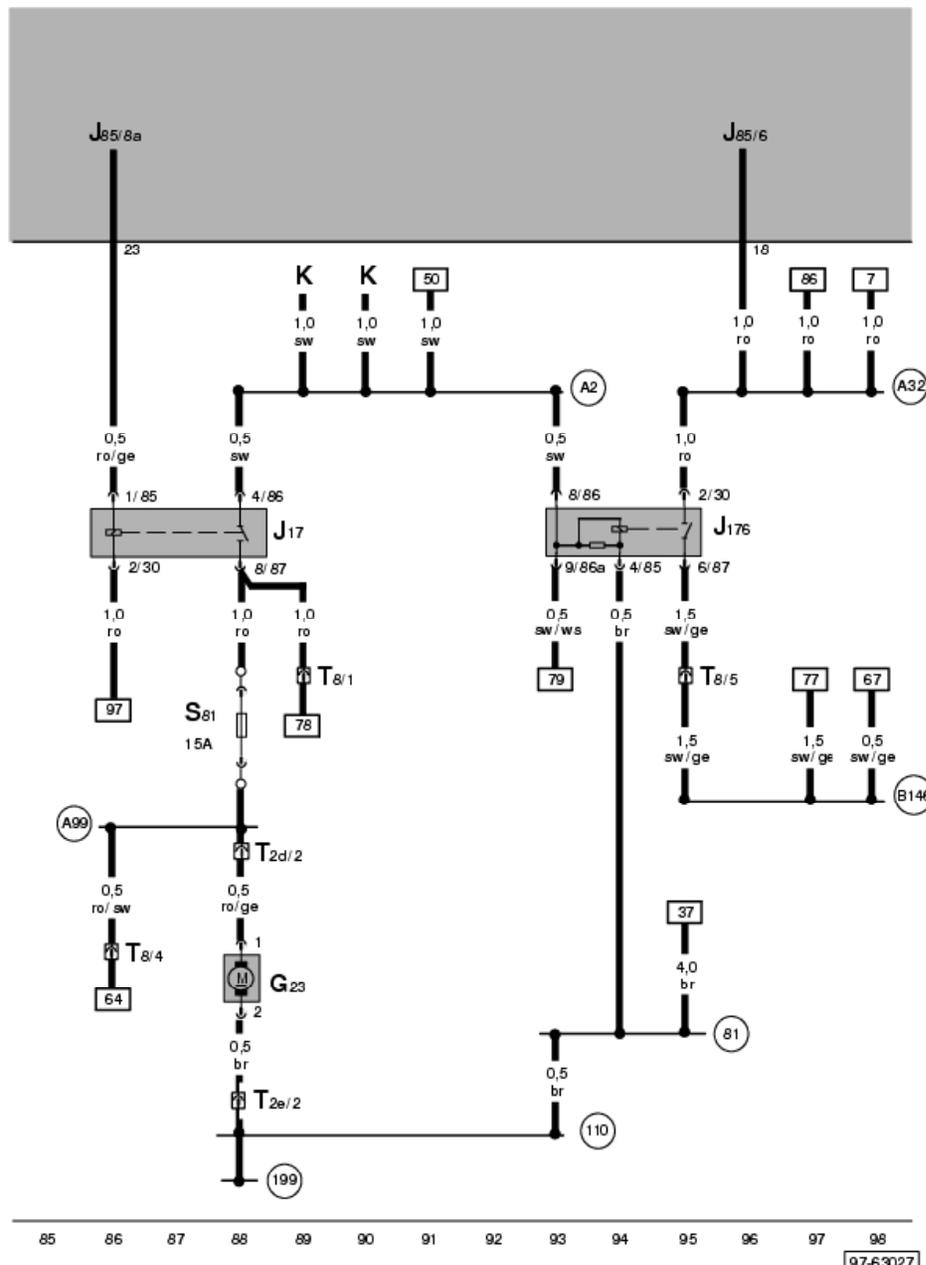
Digifant Engine Control Module (ECM), Fuel Injectors, Engine Oil Pressure Sensor, Oil Pressure Warning Light

- G10 - Engine Oil Pressure Sensor
- K3 - Oil Pressure Warning Light
- N30 - Cylinder 1 Fuel Injector
- N31 - Cylinder 2 Fuel Injector
- N32 - Cylinder 3 Fuel Injector
- N33 - Cylinder 4 Fuel Injector
- J169 - Digifant Engine Control Module (ECM)
- J362 - Control module for anti-theft immobilizer
- T8 - Black 8-Pin Connector behind instrument panel
- T10 - White 10-Pin Connector below rear seat, left
- T25 - 25-Pin Connector below rear seat, left
- T28 - 28-Pin Connector in engine compartment, left

- (B158) - Connector (S) in wiring harness interior
- (G3) - plus connection, in injector wiring harness
- (G4) - wire connection, in injector wiring harness
- - Only vehicles with immobilizer for digital key (To May 2002))

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- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = violet
- ge = yellow





Fuel Pump (FP) Relay, Transfer Fuel Pump (FP), Digifant Engine Control Module (ECM) Power Supply Relay

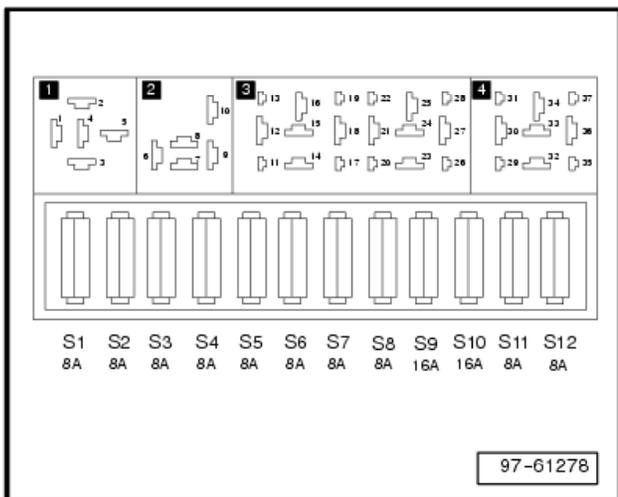
- G23 - Transfer Fuel Pump (FP)
- J17 - Fuel Pump (FP) Relay
- J85 - Alarm System Control Module
- J176 - Digifant Engine Control Module (ECM) Power Supply Relay
- K - Instrument Cluster
- S81 - Fuel Pump (FP) Fuse , blue, behind rele (80) fuse/relay panel
- T2d - Red Double Connector behind instrument panel
- T2e - Black Double Connector behind instrument panel
- T8 - Black 8-Pin Connector , detrás del tablero de instrumentos
- (81) - Ground connection -1-, in instrument panel wiring harness
- (110) - Ground connection -2-, in instrument panel wiring harness
- (199) - Ground connection -2-, in instrument panel wiring harness
- (A2) - plus connection (15), in instrument panel wiring harness
- (A32) - plus connection (30), in instrument panel wiring harness
- (A99) - Connector -1- (87), in instrument panel wiring harness
- (B146) - Plus connector -1- (87), in wiring harness interior

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

Double Circuit Brake System (Mexico)

from July 1998

Deviate relay location and fuseplacements as well as the locations of multiple connectors see section “component locations”



Relay location:

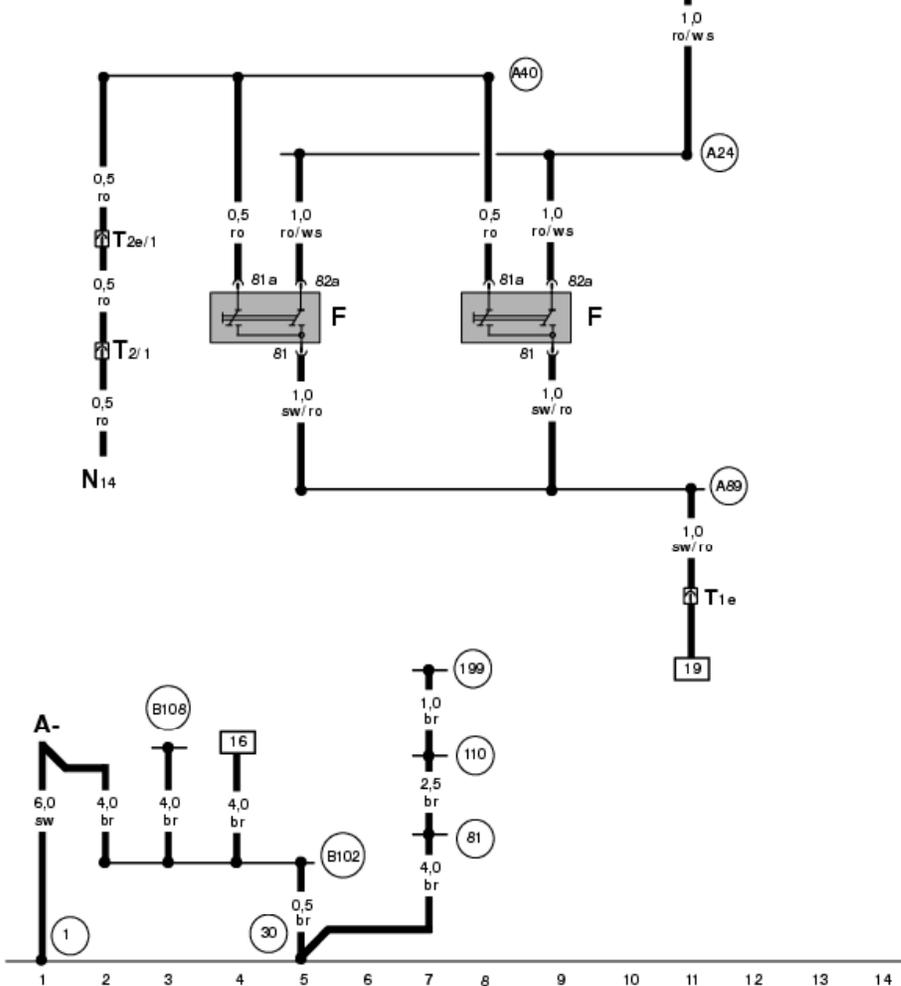
- 1** - Emergency Flasher Relay
- 2** - Free
- 3** - Alarm System Control Module
- 4** - Windshield wiper washer intermittent relay

Note:

Number in parenthesis indicates production control number stamped on the relay house.

Fuse colors

8 A - white
16A - red



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

Brake Light Switch

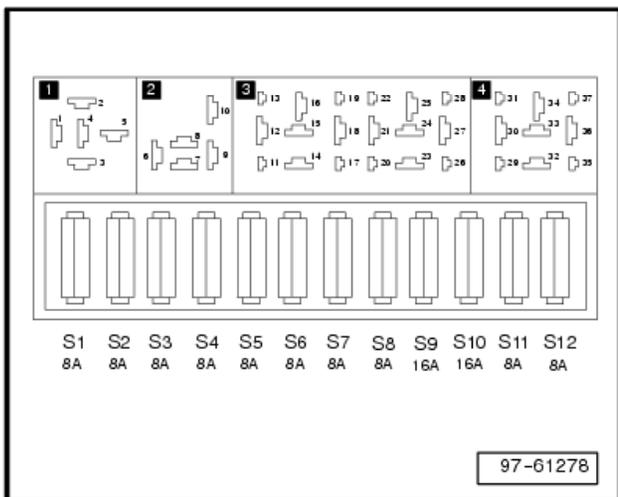
- A - Battery
- F - Brake Light Switch
- N14 - Brake/Parking Brake Control Module
- T1e - Red Single Connector behind instrument panel
- T2 - Gray Double Connector behind instrument panel
- T2e - Black Double Connector behind instrument panel

- 1 - Ground strap, battery to body
- 30 - Ground connection, -1-, beside fuse/relay panel
- 81 - Ground connection -1-, in instrument panel wiring harness
- 110 - Ground connection -2-, in instrument panel wiring harness
- 199 - Ground connection -3-, in instrument panel wiring harness
- A40 - plus connection -1- (30), in instrument cluster wiring harness
- A89 - Connection 2 (54) (in instrument panel wiring harness)
- A24 - wire connection (brake system monitoring), in instrument panel wiring harness
- B102 - Ground connector, in wiring harness, interior, front left
- B108 - Ground connector, in wiring harness interior, right, rear

Anti-theft alarm system with key (Mexico)

from July 1998

Deviate relay location and fuseplacements as well as the locations of multiple connectors see section “component locations”



Relay location:

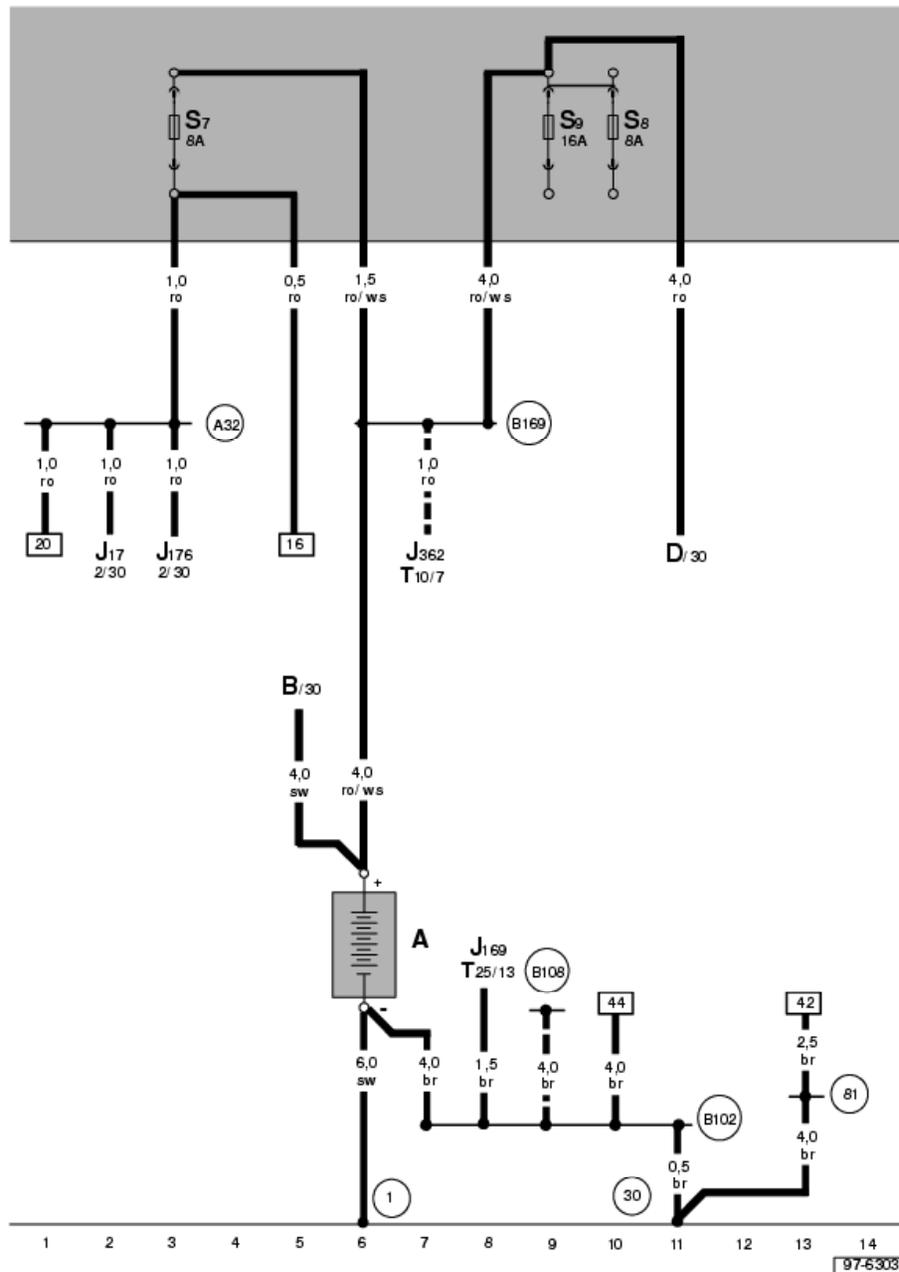
- 1** - Emergency Flasher Relay
- 2** - Free
- 3** - Alarm System Control Module
- 4** - Windshield wiper washer intermittent relay

Nota:

Number in parenthesis indicates production control number stamped on the relay house.

Fuse colors

8 A - white
16A - red



Battery

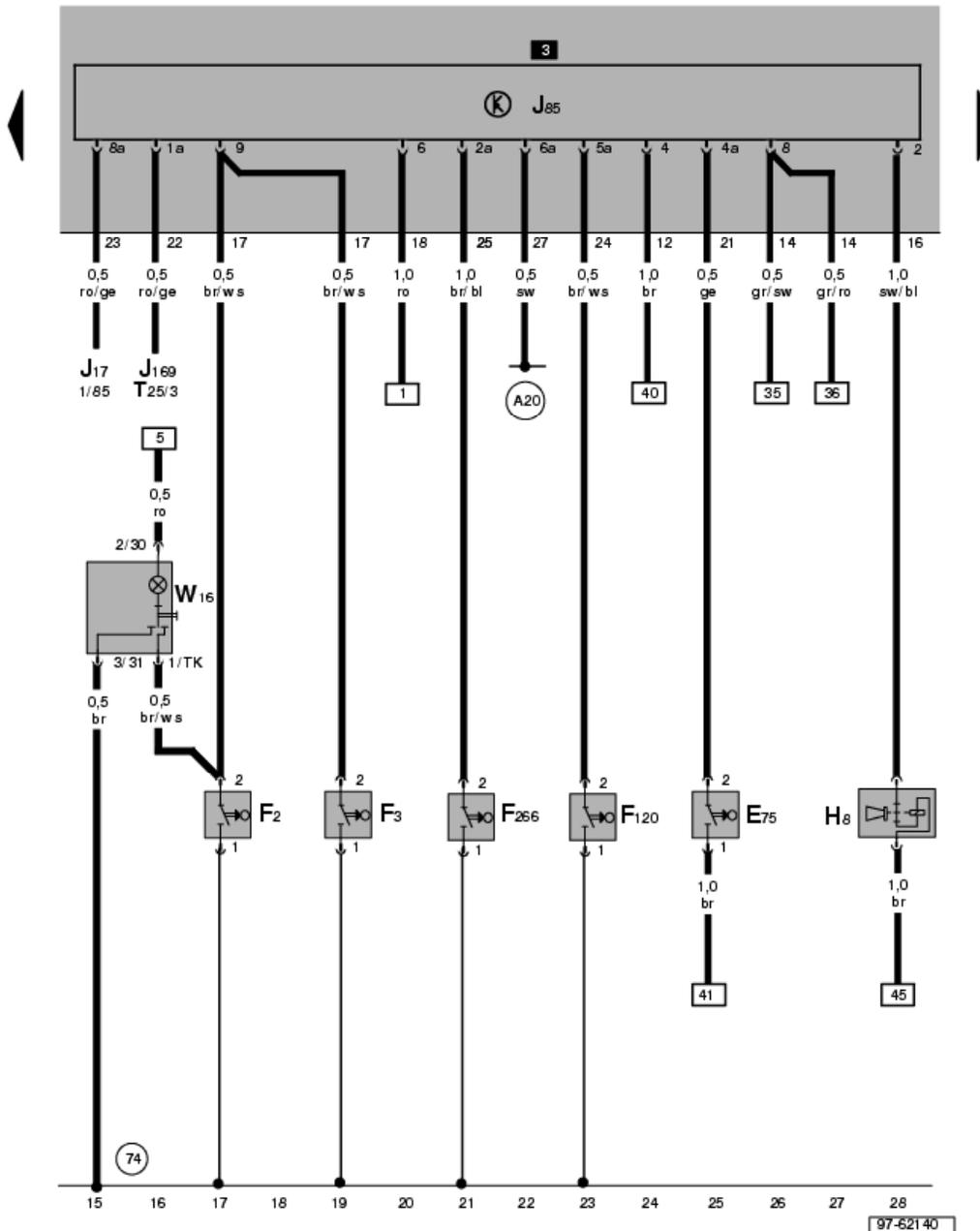
- A - Battery
- B - Starter
- D - Ignition/Starter Switch
- J17 - Fuel Pump (FP) Relay
- J169 - Digifant Engine Control Module (ECM)
- J176 - Digifant Engine Control Module (ECM) Power Supply Relay
- J362 - Control module for anti-theft immobilizer
- T10 - White 10-Pin Connector below rear seat, left
- T25 - 25-Pin Connector below rear seat, left
- (1) - Ground strap, battery to body
- (30) - Ground connection -1-, beside fuse/relay panel
- (81) - Ground connection -1-, in instrument panel wiring harness
- (A32) - plus connection (30), in instrument panel wiring harness
- (B102) - Ground connector, in wiring harness, interior, front left
- (B108) - Ground connector, in wiring harness interior, right, rear
- (B169) - Positive connection 1 (30) in passenger compartment wiring harness
- - Only vehicles with immobilizer for digital key (To May 2002)

ws = white
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

Alarm System Control Module

- E75 - Alarm System Switch
- F2 - Door contact Switch - Driver's side
- F3 - Door contact switch-Passenger side
- F120 - Hood Alarm Switch
- F266 - Front Hood Switch
- H8 - Alarm Horn
- J17 - Fuel Pump (FP) Relay
- J85 - Alarm System Control Module
- J169 - Digifant Engine Control Module (ECM)
- T25 - 25-Pin Connector below rear seat, left
- W16 - Left Interior Light

- (74) - Ground connection, under roof headliner
- (A20) - Plus Connection (15a) (in instrument panel wiring harness)



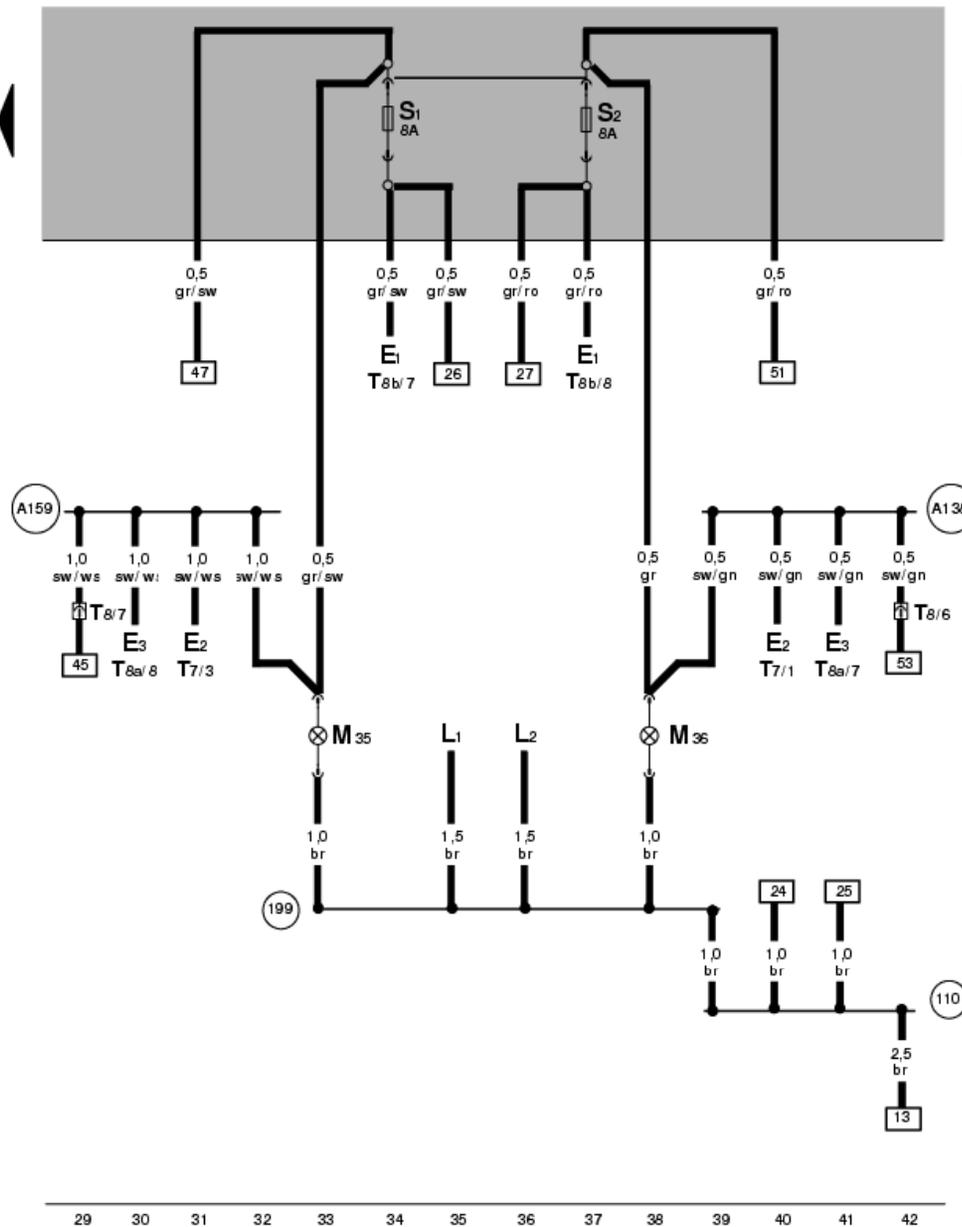
ws = white
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 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

Left Headlight, Right Headlight, Light for turn signal and side marker, front, left, Light for turn signal and side marker, front right

- E1 - Light switch
- E2 - Turn signal switch
- E3 - Emergency Flasher Switch
- L1 - Left Headlight
- L2 - Right Headlight
- M35 - Light for turn signal and side marker, front, left
- M36 - Light for turn signal and side marker, front right
- T7 - Black 7-Pin Connector on steering column
- T8 - Black 8-Pin Connector behind instrument panel
- T8a - Black 8-Pin Connector behind instrument panel, center
- T8b - Whit 8-Pin Connector behind instrument panel, center

- (110) - Ground connection -2-, in instrument panel wiring harness
- (199) - Ground connection -3-, in instrument panel wiring harness
- (A138) - Connection 2 (in instrument panel wiring harness)
- (A159) - Connection (L) (in instrument panel wiring harness)

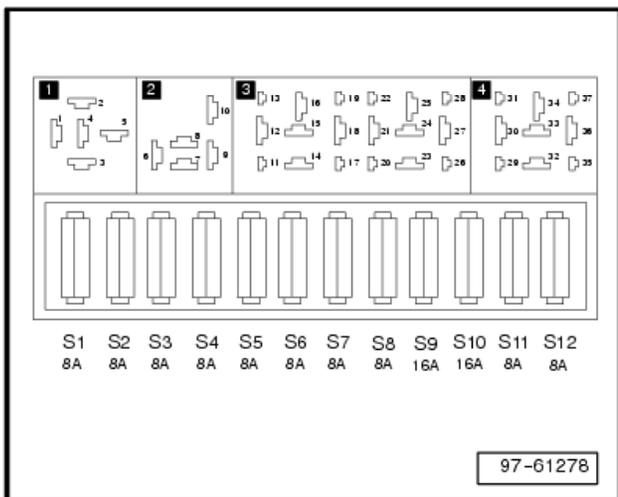
ws = white
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 bl = blue
 gr = grey
 li = violet
 ge = yellow



Imobilizer with read unit for digital key (Mexico)

from September 1998 to May 2002

Deviate relay location and fuseplacements as well as the locations of multiple connectors see section “component locations”



Relay location:

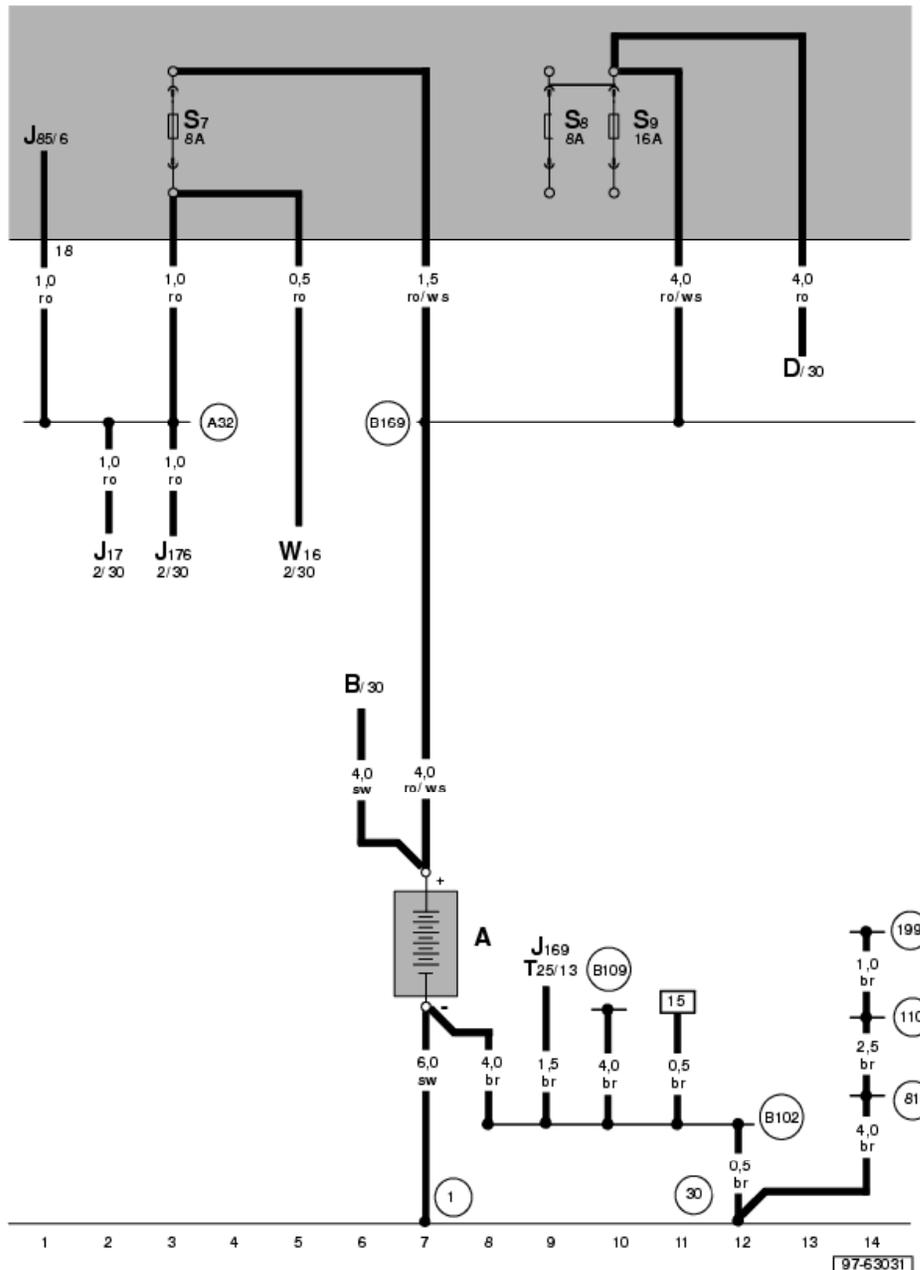
- 1** - Emergency Flasher Relay
- 2** - Free
- 3** - Alarm System Control Module
- 4** - Windshield wiper washer intermittent relay

Note:

Number in parenthesis indicates production control number stamped on the relay house.

Fuse colors

- 8 A - white
- 16A - red



Battery

- A - Battery
 - B - Starter
 - D - Ignition/Starter Switch
 - J17 - Fuel Pump (FP) Relay (80)
 - J85 - Alarm System Control Module
 - J169 - Digifant Engine Control Module (ECM)
 - J176 - Digifant Engine Control Module (ECM) Power Supply Relay (30)
 - T25 - 25-Pin Connector, below rear seat, left
 - W16 - Left Interior Light
- (1) - Ground strap, battery to body
 - (30) - Ground connection -1-, beside fuse/relay panel
 - (81) - Ground connection -1-, in instrument panel wiring harness
 - (110) - Ground connection -2-, in instrument panel wiring harness
 - (199) - Ground connection -3-, in instrument panel wiring harness
 - (A32) - plus connection (30), in instrument panel wiring harness
 - (B102) - Ground connector, in wiring harness, interior, front left
 - (B109) - Ground connection, in wiring harness interior left, rear
 - (B169) - Positive connection 1 (30) in passenger compartment wiring harness

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

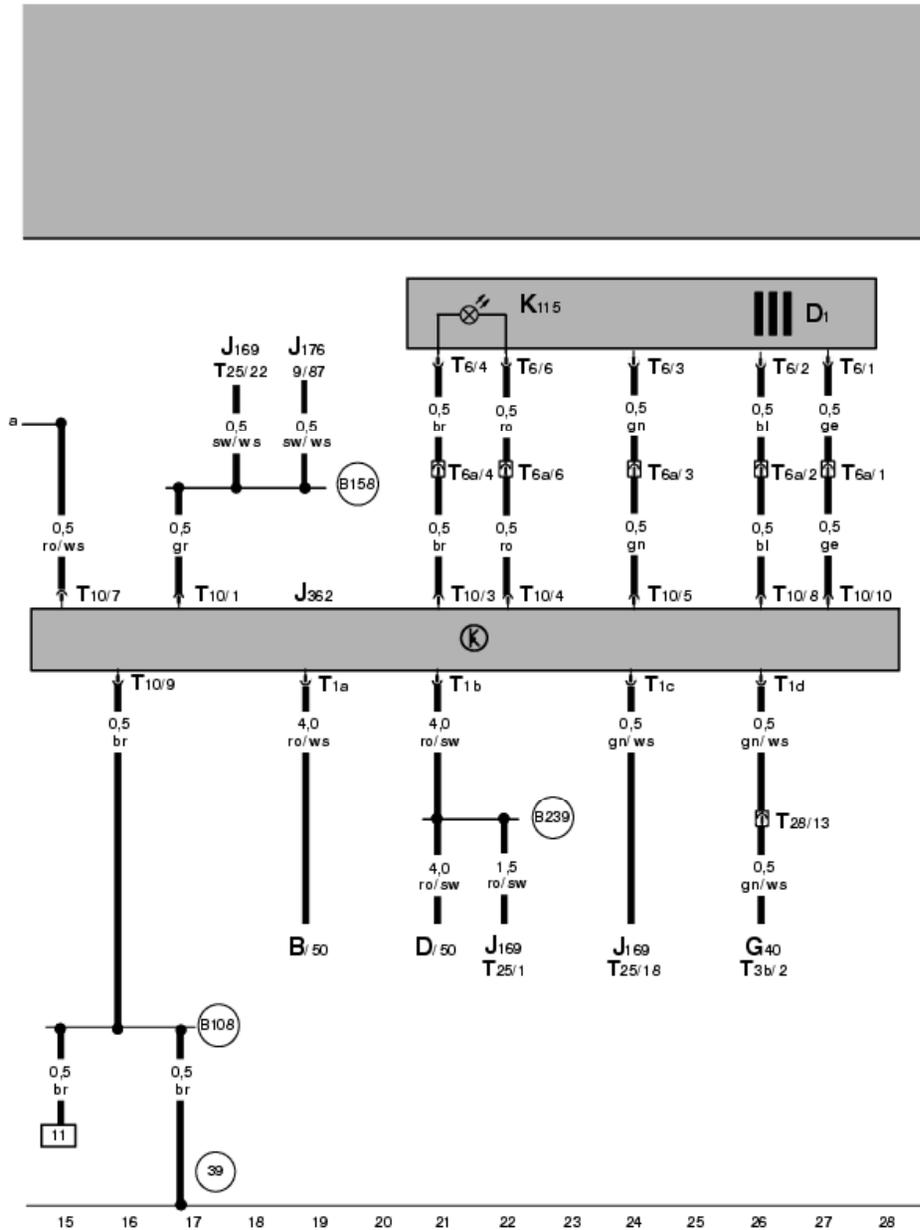
97-63031

Control module for anti-theft immobilizer, Anti-Theft Engine Disable Indicator Light, Anti-Theft Engine Disable Sensor

- B - Starter
- D - Ignition/Starter Switch
- D1 - Anti-Theft Engine Disable Sensor
- G40 - Camshaft Position (CMP) Sensor
- J169 - Digifant Engine Control Module (ECM)
- J176 - Digifant Engine Control Module (ECM) Power Supply Relay
- J362 - Control module for anti-theft immobilizer
- K115 - Anti-Theft Engine Disable Indicator Light
- T1a - Black Single Connector
- T1b - Black Single Connector
- T1c - Black Single Connector
- T1d - Black Single Connector
- T3b - 3-Pin Connector
- T6 - 6-Pin Connector behind instrument panel
- T6a - 6-Pin Connector behind instrument panel
- T10 - White 10-Pin Connector below rear seat, left
- T25 - 25-Pin Connector below rear seat, left
- T28 - 28-Pin Connector in engine compartment, left

- (39) - Ground connection, below rear seat bench, left
- (B108) - Ground connector, in wiring harness interior, right, rear
- (B158) - Connector (S) in wiring harness interior
- (B239) - Plus Connection 1 (50) (in interior wiring harness)

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

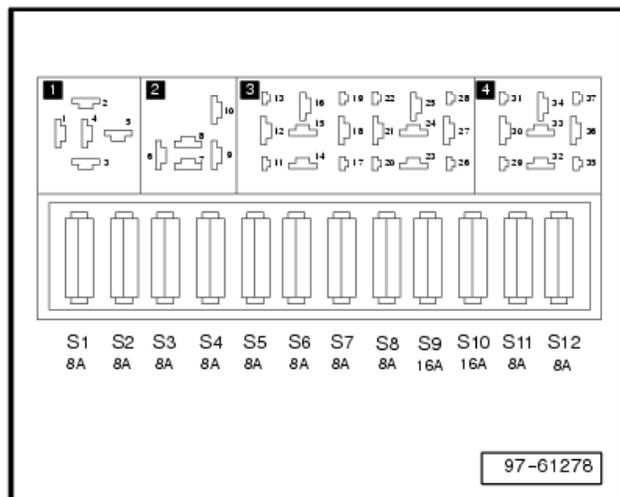


97-63032

Standard Equipment (Mexico)

from July 1998

Deviate relay location and fuseplacements as well as the locations of multiple connectors see section “component locations”



Relay location:

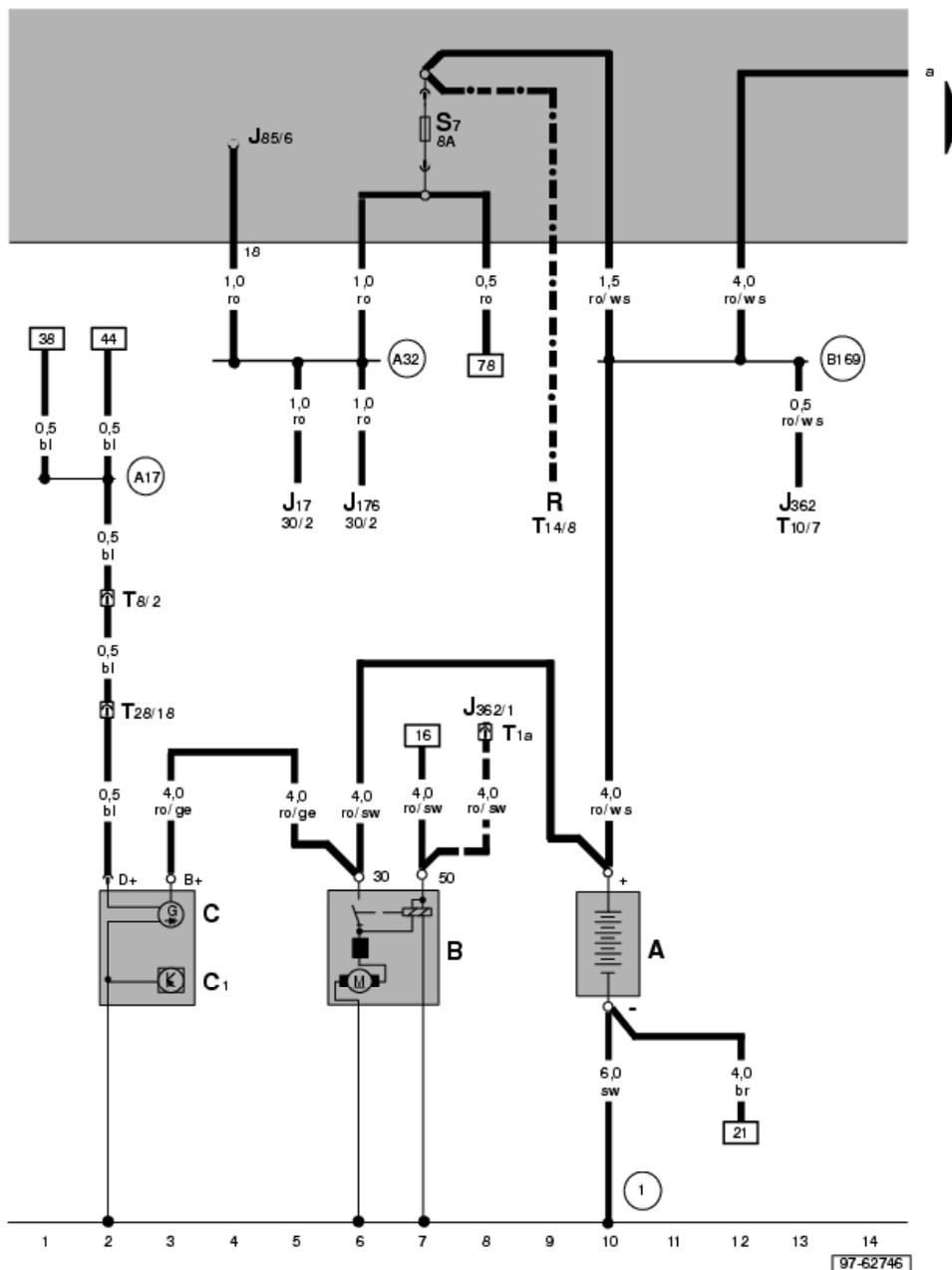
- 1** - Emergency Flasher Relay
- 2** - Free
- 3** - Alarm System Control Module
- 4** - Windshield wiper washer intermittent relay

Note:

Number in parenthesis indicates production control number stamped on the relay house.

Fuse colors

- 8 A - white
- 16A - red

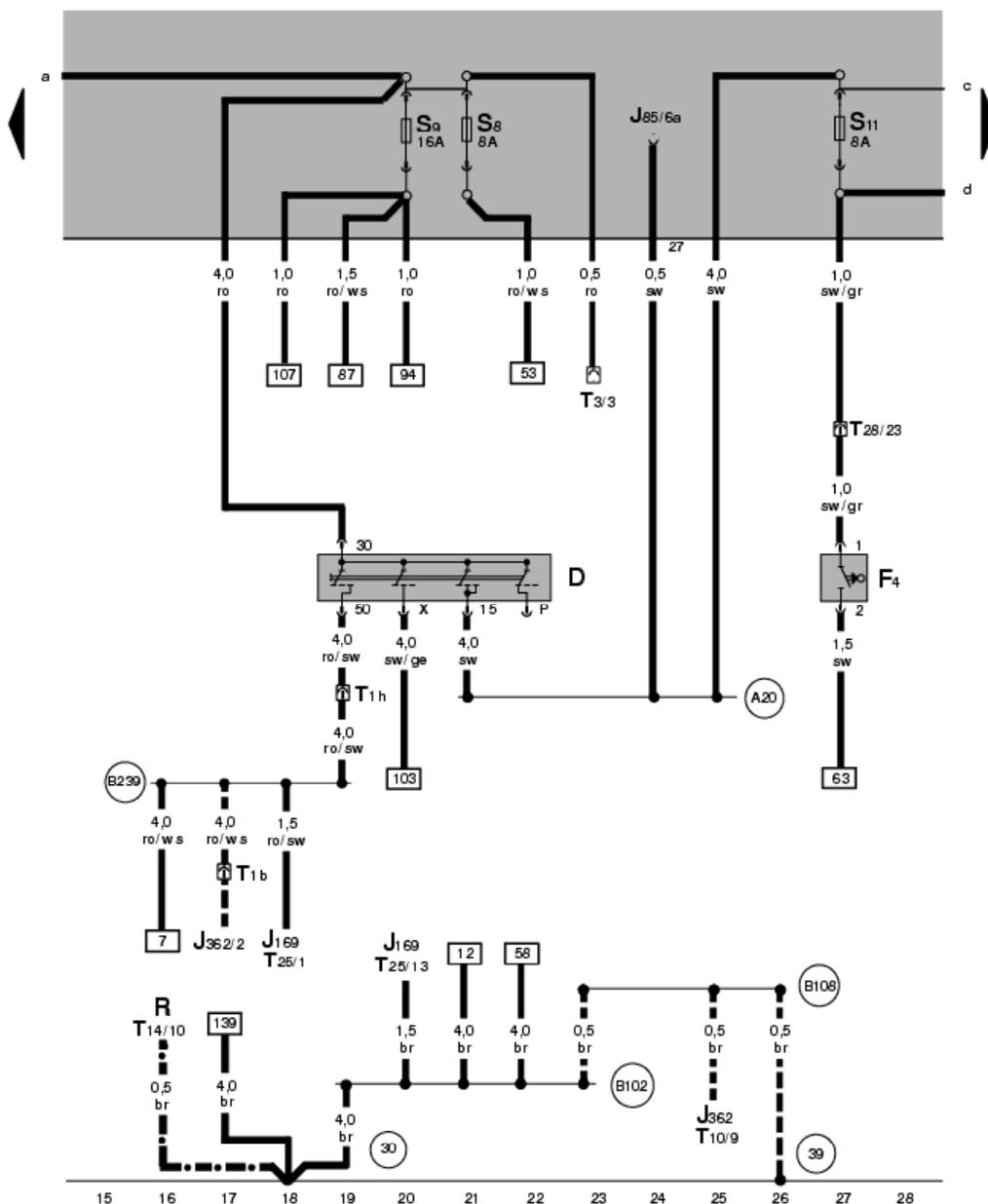


Battery , Starter, Generator (GEN), Voltage Regulator (VR)

- A - Battery
 - B - Starter
 - C - Generator (GEN)
 - C1 - Voltage Regulator (VR)
 - J17 - Fuel Pump (FP) Relay
 - J85 - Alarm System Control Module
 - J176 - Digifant Engine Control Module (ECM) Power Supply Relay
 - J362 - Control module for anti-theft immobilizer
 - R - Radio
 - T1a - Black Single Connector below rear seat, left
 - T8 - Black 8-Pin Connector behind instrument panel
 - T10 - White 10-Pin Connector below rear seat, left
 - T14 - 14-Pin Connector behind instrument panel, center
 - T28 - 28-Pin Connector in engine compartment, left
- (1) - Ground strap, battery to body
 - (A17) - wire connection (61), in instrument panel wiring harness
 - (A32) - plus connection (30), in instrument panel wiring harness
 - (B169) - Positive connection 1 (30) in passenger compartment wiring harness
- - - - Only vehicles with immobilizer for digital key (To May 2002)
 - - - - Only vehicle Model Year 2004

ws = white
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 bl = blue
 gr = grey
 li = violet
 ge = yellow

Ignition/ Starter Switch, Back-Up Light Switch



- D - Ignition/Starter Switch
- F4 - Back-Up Light Switch
- J85 - Alarm System Control Module
- J169 - Digifant Engine Control Module (ECM)
- J362 - Control module for anti-theft immobilizer
- R - Radio
- T1b - Black Single Connector, below rear seat, left
- T1h - White Single Connector
- T3 - Black 3-Pin Connector (OBD) in engine compartment, left
- T10 - White 10-Pin Connector below rear seat, left
- T14 - 14-Pin Connector behind instrument panel, center
- T25 - 25-Pin Connector below rear seat, left
- T28 - 28-Pin Connector in engine compartment, left
- (30) - Ground connection, -, beside fuse/relay panel
- (39) - Ground connection, below rear seat bench, left
- (A20) - Plus Connection (15a) (in instrument panel wiring harness)
- (B102) - Ground connector, in wiring harness, interior, front left
- (B108) - Ground connector, in wiring harness interior, right, rear
- (B239) - Plus Connection 1 (50) (in interior wiring harness)

--- - Only vehicles with immobilizer for digital key (To May 2002)

- - - - Only vehicle Model Year 2004

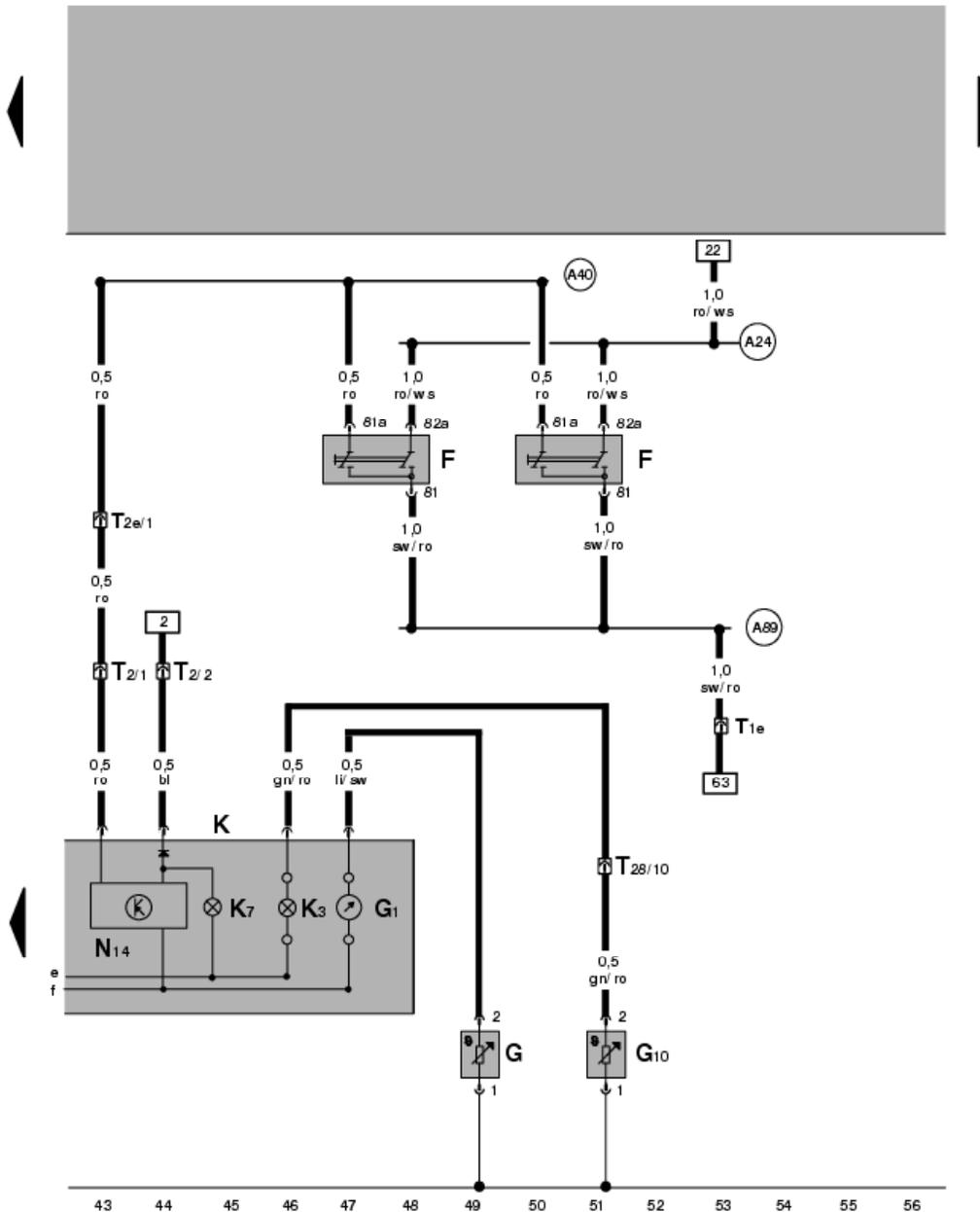
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

97-62747

Instrument Cluster, Brake Light Switch, Sender for fuel gauge, Engine Oil Pressure Sensor

- F - Brake Light Switch
- G - Sender for fuel gauge
- G1 - Fuel Gauge
- G10 - Engine Oil Pressure Sensor
- K - Instrument Cluster
- K3 - Oil Pressure Warning Light
- K7 - Brake and Parking Brake Warning Light
- N14 - Brake/Parking Brake Control Module
- T1e - Red Single Connector behind instrument panel
- T2 - Gray Double Connector behind instrument panel
- T2e - Black Double Connector behind instrument panel
- T28 - 28-Pin Connector in engine compartment, left

- (A24) - wire connection (brake system monitoring), in instrument panel wiring harness
- (A40) - plus connection -1 - (30), in instrument cluster wiring harness
- (A89) - Connection 2 (54) (in instrument panel wiring harness)



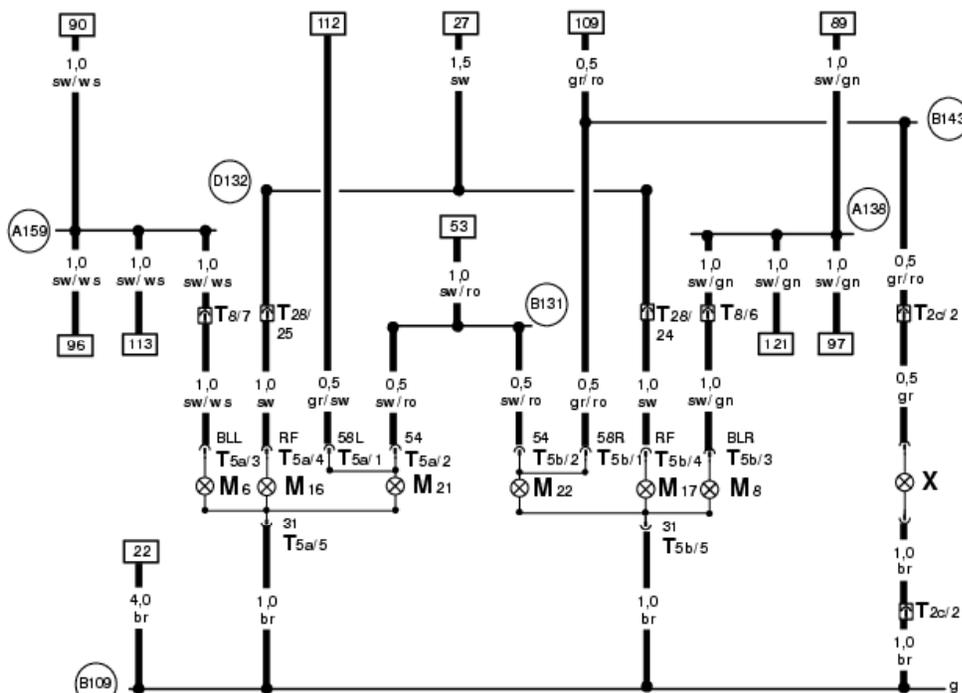
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

Left Rear Turn Signal Light, Right Rear Turn Signal Light, Left Back-Up Light, Right Back-Up Light, Left Brake/Tail Light, Right Brake/Tail Light

- M6 - Left Rear Turn Signal Light
- M8 - Right Rear Turn Signal Light
- M16 - Left Back-Up Light
- M17 - Right Back-Up Light
- M21 - Left Brake/Tail Light
- M22 - Right Brake/Tail Light
- T2c - Black Double Connector in engine compartment, center
- T5a - Black 5-Pin Connector
- T5b - Black 5-Pin Connector
- T8 - Black 8-Pin Connector behind instrument panel
- T28 - 28-Pin Connector in engine compartment, left
- X - License Plate Light

- (A138) - Connection 2 (in instrument panel wiring harness)
- (A159) - Connection (L) (in instrument panel wiring harness)
- (B109) - Ground connection, in wiring harness interior left,rear
- (B131) - Ground connection, in wiring harness interior left,rear
- (B143) - Plus connector (58R), in wiring harness interior
- (D132) - Connector (license plate light) in wiring harness interior

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

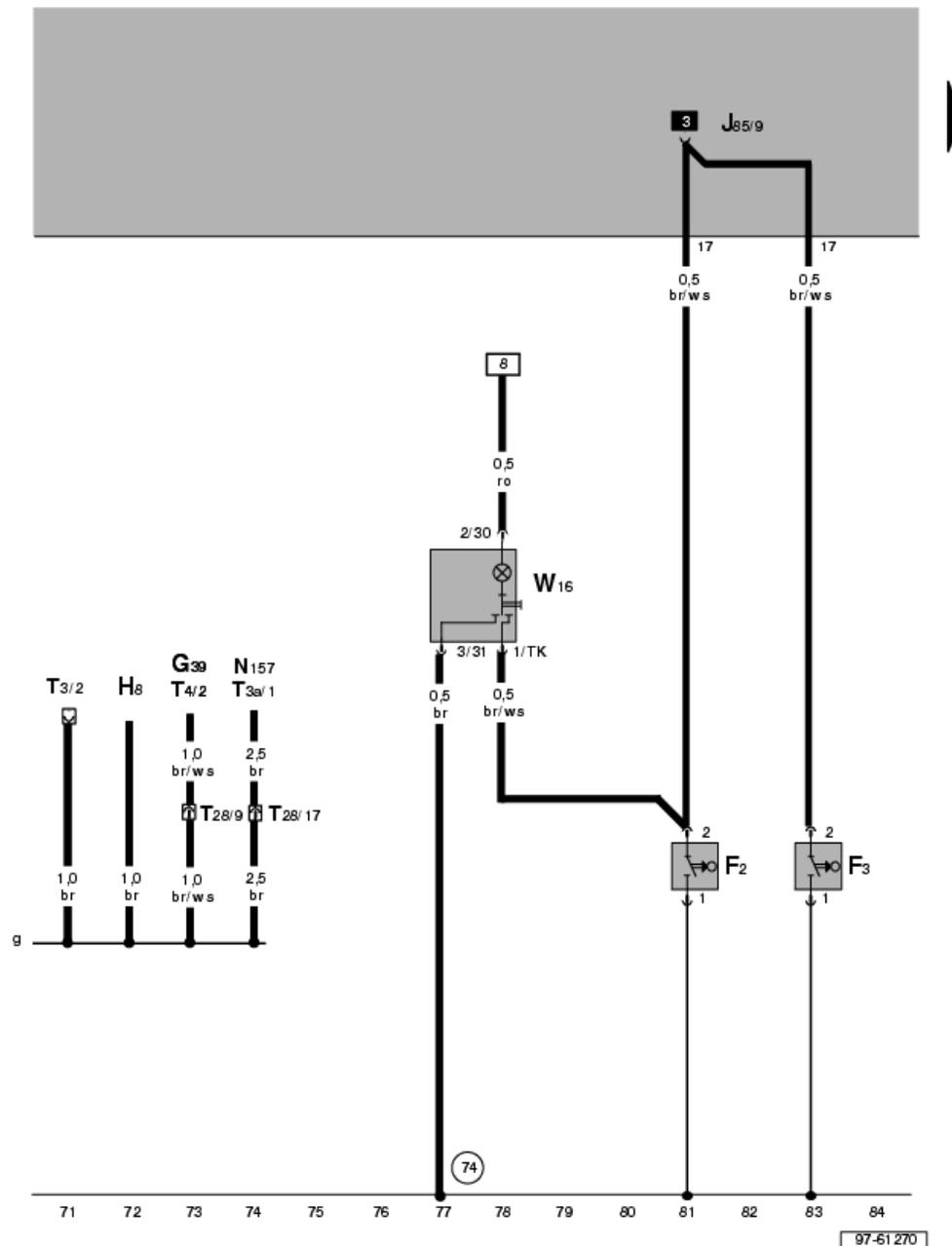


57 58 59 60 61 62 63 64 65 66 67 68 69 70

97-62750

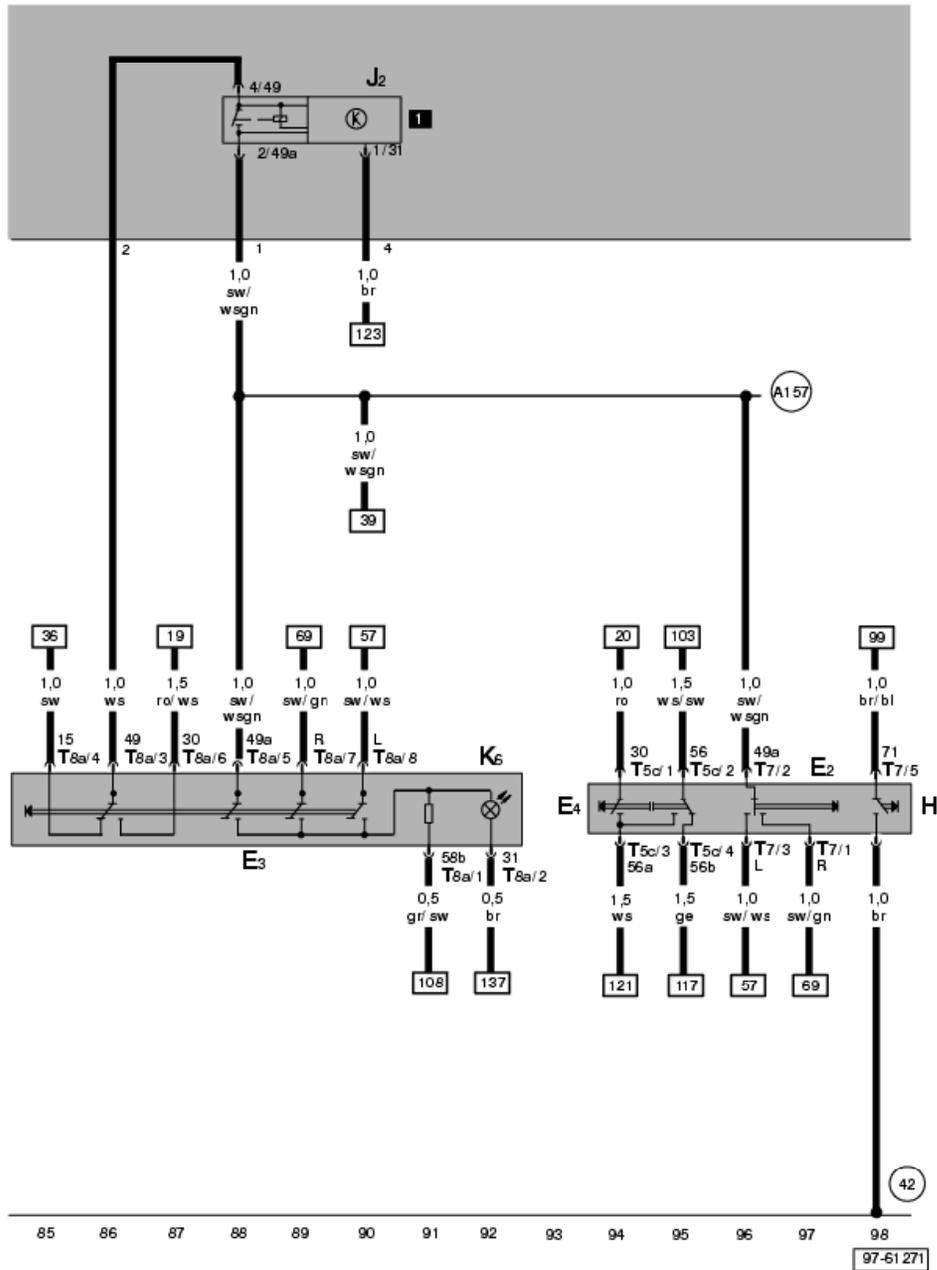
Left Interior Light, Door contact Switch Driver's side, Door contact switch-Passenger side

- F2 - Door contact Switch - Driver's side
- F3 - Door contact switch-Passenger side
- G39 - Heated Oxygen Sensor (HO2S)
- H8 - Alarm Horn
- J85 - Alarm System Control Module
- N157 - Ignition Coil Power Output Stage
- T3 - Black 3-Pin Connector (OBD) in engine compartment, left
- T3a - Black 3-Pin Connector in engine compartment
- T4 - Black 4-Pin Connector in engine compartment
- T28 - 28-Pin Connector in engine compartment, left
- W16 - Left Interior Light
- (74) - Ground connection, under roof headliner



97-61 270

Turn signal switch , Emergency Flasher Switch, Headlight Dimmer/ Flasher Switch

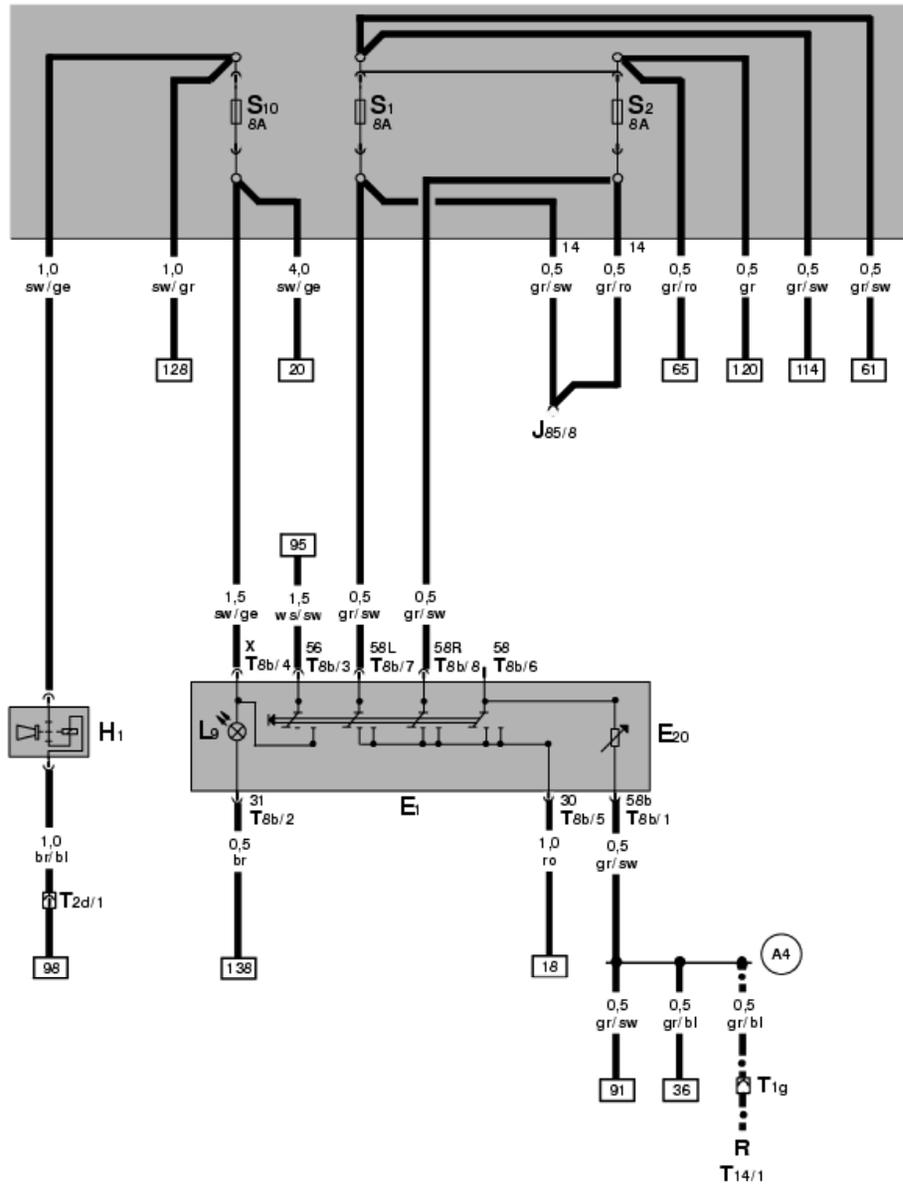


- E2 - Turn signal switch
 - E3 - Emergency Flasher Switch
 - E4 - Headlight Dimmer/Flasher Switch
 - H - Signal horn activation
 - J2 - Emergency Flasher Relay
 - K6 - Indicator light for emergency flasher system
 - T5c - Black 5-Pin Connector on steering column
 - T7 - Black 7-Pin Connector on steering column
 - T8a - Black 8-Pin Connector behind instrument panel, center
-
- (42) - Ground connection, below rear seat bench, right
 - (A157) - Connection (49a) (in instrument panel wiring harness)

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

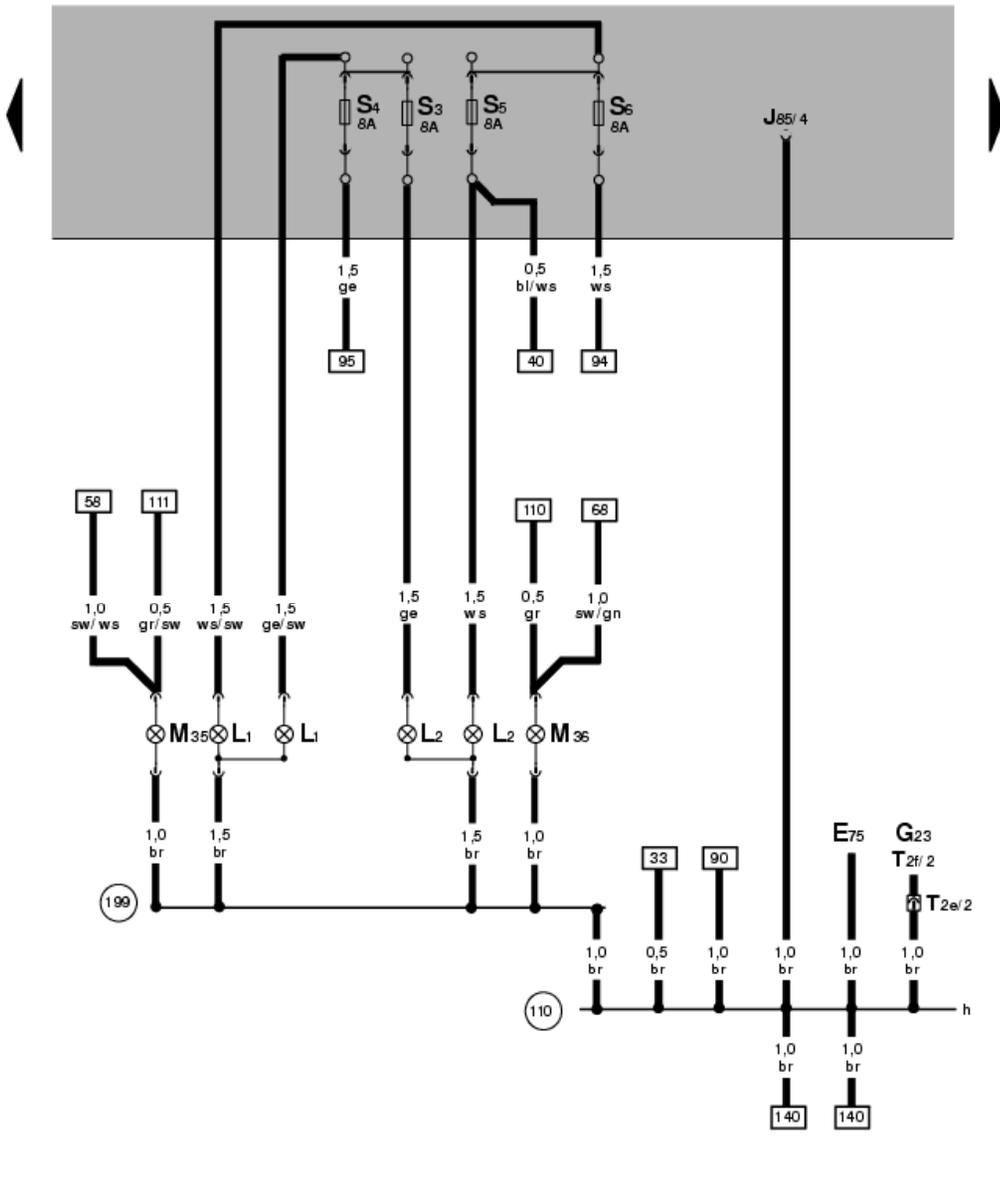
Light switch, Instrument Panel Light Dimmer Switch, Signal horn/ dual tone horn

- E1 - Light switch
 - E20 - Instrument Panel Light Dimmer Switch
 - H1 - Signal horn/dual tone horn
 - J85 - Alarm System Control Module
 - L9 - Headlight Switch Light
 - R - Radio
 - T1g - White Single Connector behind instrument panel
 - T2d - Red Double Connector behind instrument panel
 - T8b - White 8-Pin Connector behind instrument panel, center
 - T14 - 14-Pin Connector behind instrument panel, center
- (A4) - plus connection (58b), in instrument panel wiring harness
- - - - Only vehicles Model Year 2004



- ws = white
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- gn = green
- bl = blue
- gr = grey
- li = violet
- ge = yellow

Left Headlight, Right Headlight, Light for turn signal and side marker, front, left, Light for turn signal and side marker, front right



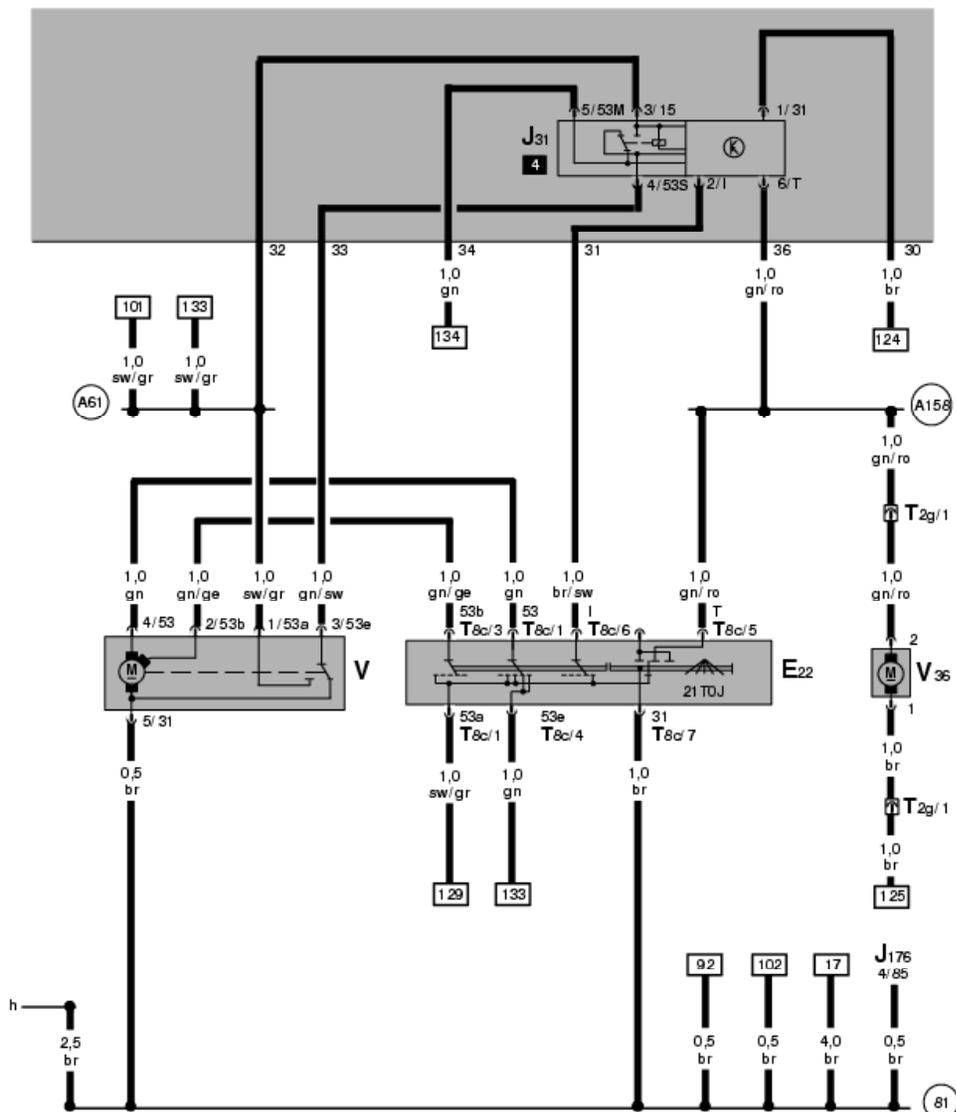
- E75 - Rear right seat lumbar support curvature adjustment switch
- G23 - Transfer Fuel Pump (FP)
- J85 - Alarm System Control Module
- L1 - Left Headlight
- L2 - Right Headlight
- M35 - Light for turn signal and side marker, front, left
- M36 - Light for turn signal and side marker, front right
- T2e - Black Double Connector behind instrument panel
- T2f - Black Double Connector in front compartment
- (110) - Ground connection -2-, in instrument panel wiring harness
- (199) - Ground connection -3-, in instrument panel wiring harness

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 gr = grey
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 ge = yellow

Conmutador limpiaparabrisas p. funcionamiento a intervalos, motor limpiaparabrisas, bomba de agua

- E22 - Windshield Wiper/Washer Switch
- J31 - Wiper/Washer Intermittent Relay
- J176 - Digifant Engine Control Module (ECM) Power Supply Relay
- T2g - White Double Connector on front compartment, left
- T8c - Black 8-Pin Connector on steering column
- V - Windshield Wiper Motor
- V36 - Coolant Pump

- (81) - Ground connection -1-, in instrument panel wiring harness
- (A61) - Plus Connection (X), in Instrument cluster wiring harness
- (A158) - Connection (T) (in instrument panel wiring harness)



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- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = violet
- ge = yellow