

Wiper/washer system, Headlight washer system

from June 2003

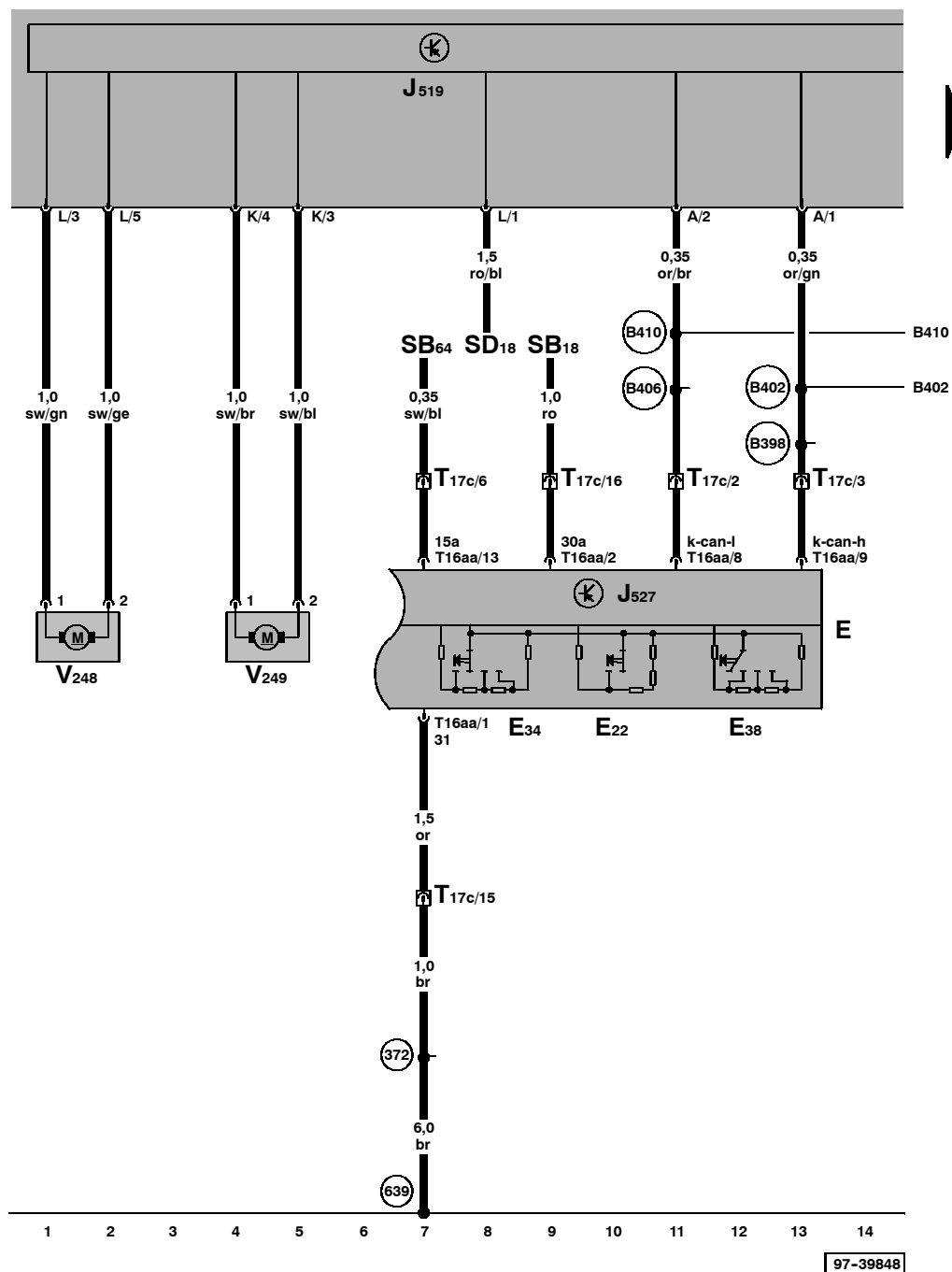
Notes:

Information for

- ◆ *Relay and fuse arrangements*
 - ◆ *Connector arrangements*
 - ◆ *Control Modules and Relays*
 - ◆ *Ground connections*
- ⇒ *Component Locations!*

Information for

- ◆ *Troubleshooting Procedures*
- ⇒ *Guided Fault Finding using VAS 5051/5052*



Steering Column Electronic Systems Control Module, Left and Right Headlight Washer Jet Motor

- E - Windshield Wiper Switch
- E22 - Windshield Wiper/Washer Switch
- E34 - Rear Window Wiper Switch
- E38 - Windshield Wiper Intermittent Regulator
- J519 - Vehicle Electrical System Control Module
- J527 - Steering Column Electronic Systems Control Module
- SB18 - Fuse 18 (in fuse holder)
- SB64 - Fuse 64 (in fuse holder)
- SD18 - Fuse 18 (on fuse holder)
- T16aa - 16-Pin Connector
- T17c - 17-Pin Connector, black, behind instrument panel, left
- V248 - Left Headlight Washer Jet Motor
- V249 - Right Headlight Washer Jet Motor

- 372 - Ground Connection 7 (in main wiring harness)
- 639 - Ground Connection (on left A-pillar)
- B398 - Comfort System CAN-Bus High Connection 2 (in main wiring harness)
- B402 - Comfort System CAN-Bus High Connection 6 (in main wiring harness)
- B406 - Comfort System CAN-Bus Low Connection 1 (in main wiring harness)
- B410 - Comfort System CAN-Bus Low Connection 5 (in main wiring harness)

Control Module for Wiper Motor, Right Windshield Wiper Motor Control Module, Left and right Windshield Wiper Motor

- J39 - Relay for headlamp cleaning system
 J400 - Control module for wiper motor
 J519 - Vehicle Electrical System Control Module
 J582 - Wiper Park Position Heating Relay
 J584 - Right Windshield Wiper Motor Control Module
 SB1 - Fuse 1 (in fuse holder)
 SD11 - Fuse 11 (on fuse holder)
 SD19 - Fuse 19 (on fuse holder)
 SD20 - Fuse 20 (on fuse holder)
 T10l - 10-Pin connector
 T10m - 10-Pin connector
 V11 - Headlight Washer Pump
 V59 - Windshield and Rear Window Washer Pump
 V216 - Left Windshield Wiper Motor
 V217 - Right Windshield Wiper Motor
 Z20 - Left Washer Nozzle Heater
 Z21 - Right Washer Nozzle Heater
 Z56 - Wiper Park Position Heater

- (373) - Ground Connection 8 (in main wiring harness)
 (387) - Ground Connection 22 (in main wiring harness)
 (389) - Ground Connection 24 (in main wiring harness)
 (391) - Ground Connection 26 (in main wiring harness)
 (636) - Ground Connection (power circuit control module)
 (644) - Ground Connection (in engine compartment, right)
 (645) - Ground Connection 1 (on firewall)
 (646) - Ground Connection 2 (on firewall)
 (B348) - Connection 1 (75A) (in main wiring harness)
 (B402) - Comfort System CAN-Bus High Connection 6 (in main wiring harness)
 (B410) - Comfort System CAN-Bus Low Connection 5 (in main wiring harness)

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

