

**Automatic transmission, 6 speed automatic (09F/09L) with Tiptronic,
● 4.2L - Engine - Motronic Multiport Fuel Injection (MFI)/246 kW, code BGJ, BGH**

from June 2003

Note:

Information for

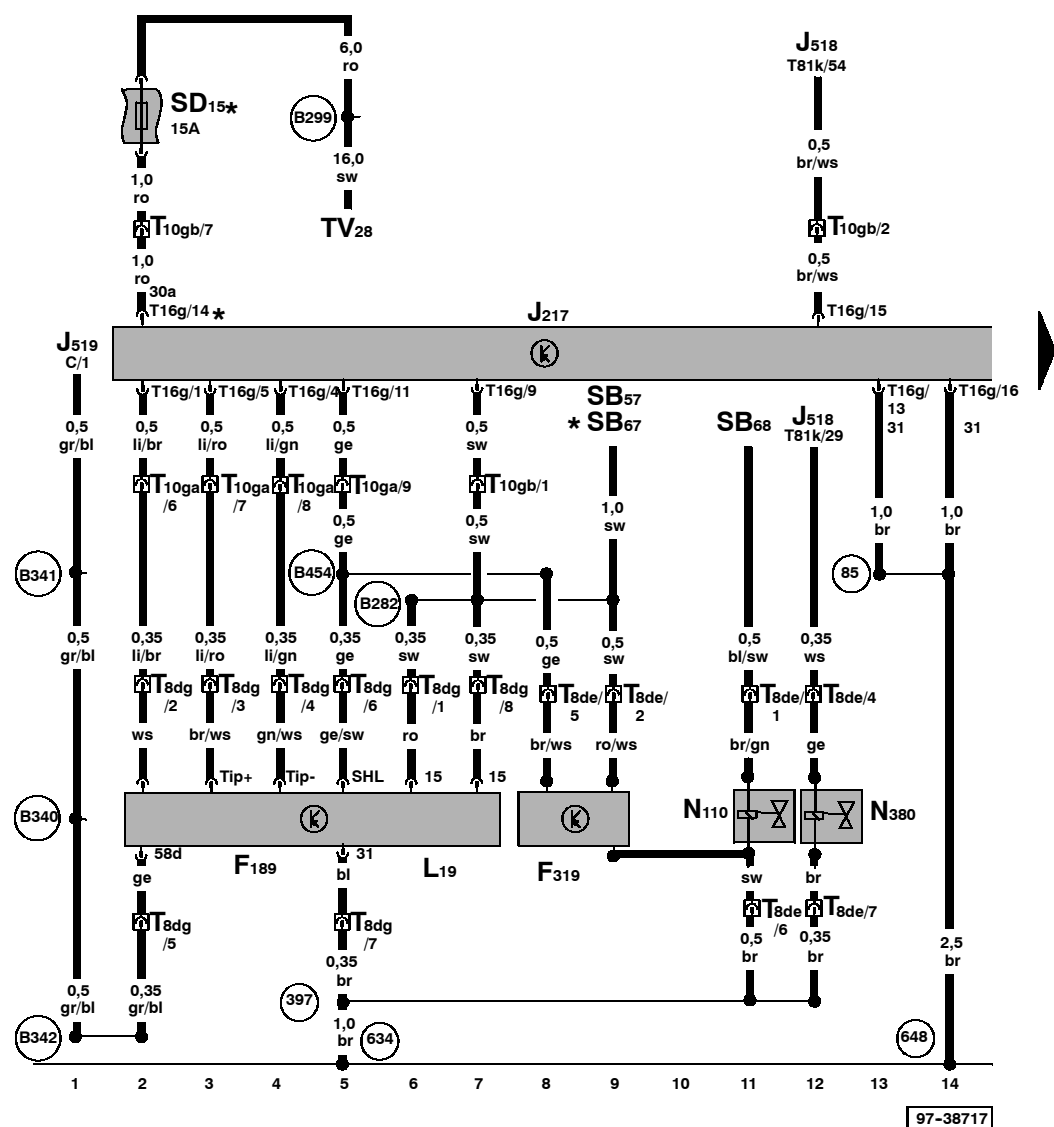
- ◆ *Relay and fuse arrangements*
- ◆ *Connector arrangements*
- ◆ *Control Modules and Relays*
- ◆ *Ground connections*
- ⇒ *Component Locations!*

Information for

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

Transmission Control Module, Tiptronic Switch, Selector Lever Park Position Lock Switch and Solenoid

- F189 - Tiptronic Switch
 F319 - Selector Lever Park Position Lock Switch
 J217 - Transmission Control Module (TCM)
 J518 - Access/Start Control Module
 J519 - Vehicle Electrical System Control Module
 L19 - Automatic Transmission Console Light
 N110 - Shift Lock Solenoid
 N380 - Selector Lever Park Position Solenoid
 SB57 - Fuse 57 (in fuse holder)
 SB67 - Fuse 67 (in fuse holder)
 SB68 - Fuse 68 (in fuse holder)
 SD15 - Fuse 15 (on fuse holder) *
 T8de - 8-Pin connector, black
 T8dg - 8-Pin connector, blue
 T10ga - 10-Pin connector, black, connector station 1 / transmission
 T10gb - 10-Pin connector, black, connector station 2 / transmission
 T16g - 16-Pin Connector
 T81k - 81-Pin connector
 TV28 - Wire junction 3 for terminal 30
 (85) - Ground connection -1-, in engine compartment wiring harness
 (397) - Ground Connection 32 (in main wiring harness)
 (634) - Ground Connection (driver's seat control module)
 (648) - Ground Connection 4 (on firewall)
 (B282) - Plus Connection 6 (15a) (in main wiring harness)
 (B299) - Plus Connection 3 (30) (in main wiring harness)
 (B340) - Connection 1 (58d) (in main wiring harness)
 (B341) - Connection 2 (58d) (in main wiring harness)
 (B342) - Connection 3 (58d) (in main wiring harness)
 (B454) - Shift-lock Connection (in main wiring harness)
 * - through October 2003



Transmission Control Module, Control module with indicator unit in instrument panel insert, Steering Column Electronic Systems Control Module, Tiptronic Upshift and Downshift Button

- E438 - Tiptronic Upshift Button (in steering wheel)
 E439 - Tiptronic Downshift Buttons (on steering wheel)
 J... - Engine Control Module (ECM)
 J217 - Transmission Control Module (TCM)
 J271 - Motronic Engine Control Module (ECM) Power Supply Relay *
 J285 - Control module with indicator unit in instrument panel insert
 J527 - Steering Column Electronic Systems Control Module
 J533 - Data Bus On Board Diagnostic Interface
 SB20 - Fuse 20 (in fuse holder) *
 T5af - 5-Pin connector
 T10ga- 10-Pin connector, black, connector station 1 / transmission
 T10gb- 10-Pin connector, black, connector station 2 / transmission
 T16 - 16-Pin Connector, black, Data Link Connector (DLC), behind instrument panel, left
 T16g - 16-Pin Connector
 T17c - 17-Pin Connector, black, behind instrument panel, left
 T17e - 17-Pin connector, blue, behind instrument panel, left
 T32a - 32-Pin connector, blue, on instrument cluster
 T32b - 32-Pin connector, green, on instrument cluster

- (B308) - Plus Connection 12 (30) (in main wiring harness)
 (B386) - Powertrain CAN-Bus High Connection 4 (in main wiring harness)
 (B393) - Powertrain CAN-Bus Low Connection 4 (in main wiring harness)
 (B444) - OBD Connection 1 (in main wiring harness)

* - from November 2003

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

