

Automatic transmission, 5 speed automatic 01L with Tiptronic,

from June 2003

- **6.0L - Engine - Motronic Multiport Fuel Injection (MFI)/ 309 kW, code BAP**
- **6.0L - Engine - Motronic Multiport Fuel Injection (MFI)/ 331 kW, code BRP**

Note:

Information for

- ◆ *Relay and fuse arrangements*
- ◆ *Connector arrangements*
- ◆ *Control Modules and Relays*
- ◆ *Ground connections*

⇒ *Component Locations!*

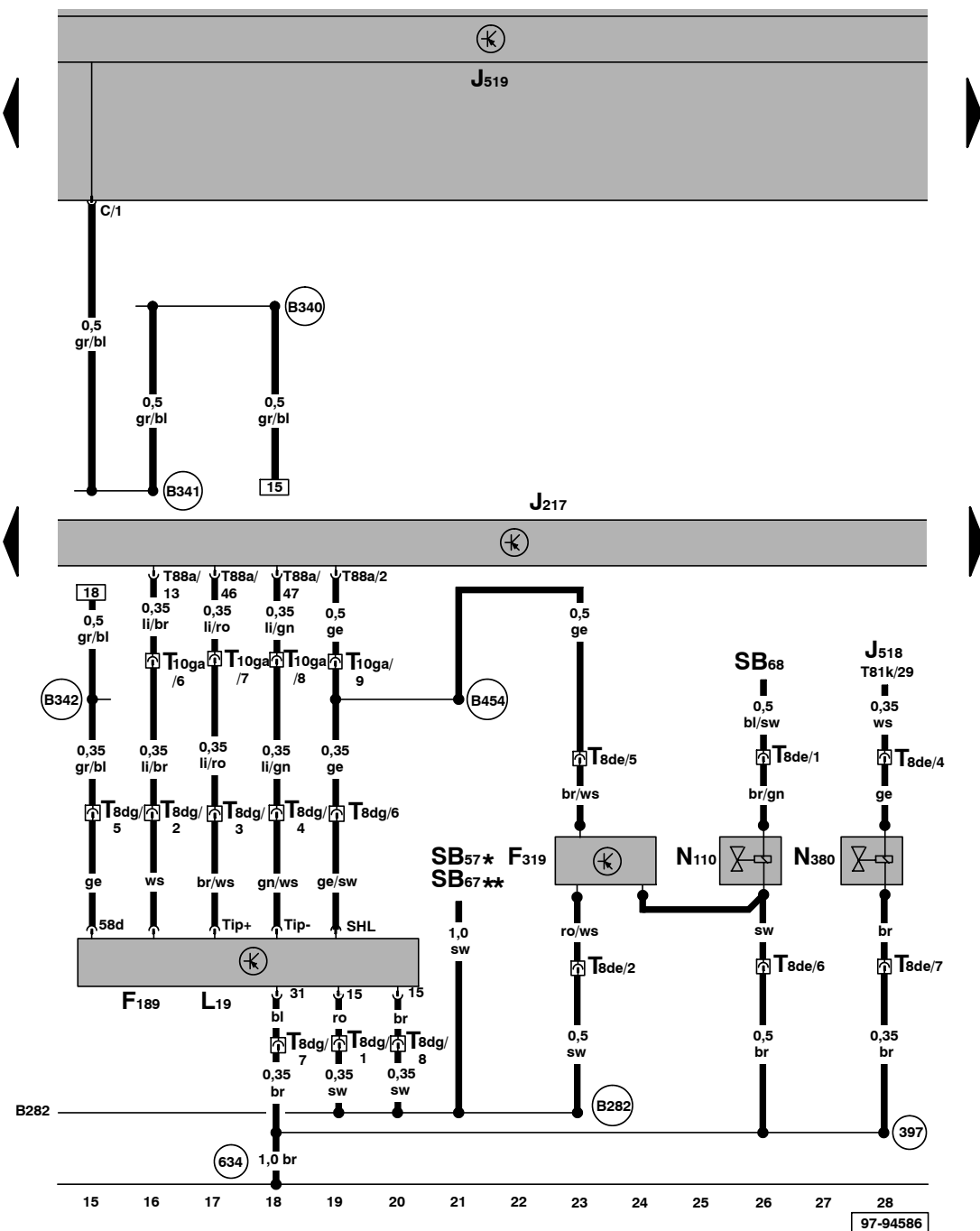
Information for

- ◆ *Troubleshooting Procedures*

⇒ *Guided Fault Finding using VAS 5051/5052*



* - From November 2003
* * - Through October 2003

Transmission Control Module (TCM), Tiptronic Switch, Selector Lever Park Position Lock Switch, Shift Lock 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 Illumination
- N110 - Shift Lock Solenoid
- N380 - Selector Lever Park Position Solenoid
- SB57 - Fuse 57 (on fuse panel B)
- SB67 - Fuse 67 (on fuse panel B)
- SB68 - Fuse 68 (on fuse panel B)
- T8de - 8-Pin Connector, black, on automatic transmission console
- T8dg - 8-Pin Connector, blue, on tiptronic switch
- T10ga - 10-Pin Connector, connector station 1/ transmission
- T81k - 81-Pin Connector
- T88 - 88-Pin Connector

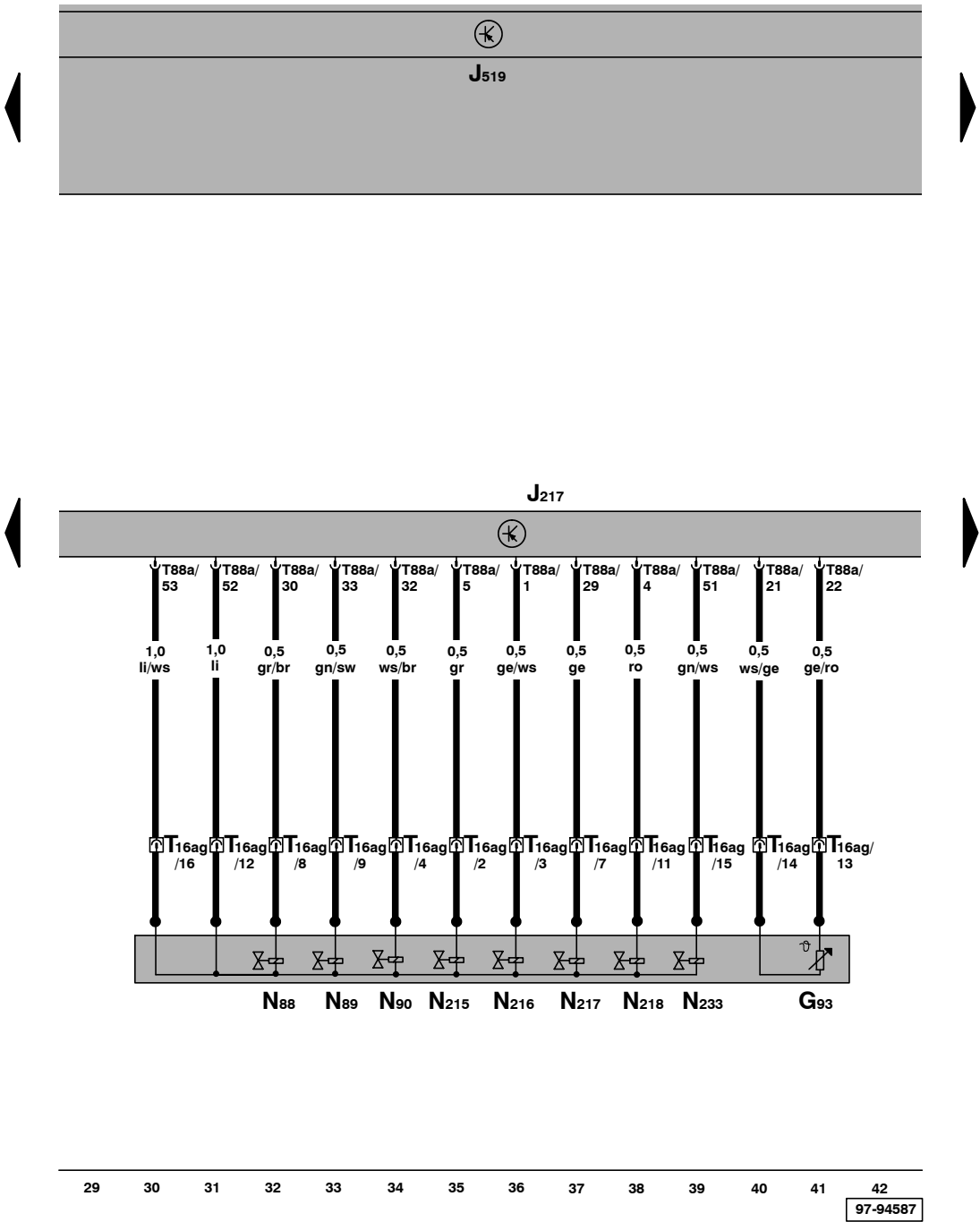
- (397) - Ground Connection 32 (in main wiring harness)
- (634) - Driver's Seat Control Module Ground Connection
- (B282) - Plus Connection 6 (15a) (in main wiring harness)
- (B340) - Connection 1 (58d) (in main wiring harness)
- (B341) - Connection 2 (58d) (in main wiring harness)
- (B342) - Connection 3 (58d) (in main wiring harness)
- (B454) - Shift-lock Connection (in main wiring harness)

- * - From November 2003
- ** - Through October 2003

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

Transmission Control Module (TCM), Transmission Fluid Temperature Sensor, Solenoid Valve 1-3, Automatic Transmission Pressure Regulating Valve 1-5

- G93 - Transmission Fluid Temperature Sensor
- J217 - Transmission Control Module (TCM)
- J519 - Vehicle Electrical System Control Module
- N88 - Solenoid Valve 1
- N89 - Solenoid Valve 2
- N90 - Solenoid Valve 3
- N215- Automatic Transmission Pressure Regulating Valve 1
- N216- Automatic Transmission Pressure Regulating Valve 2
- N217 - Automatic Transmission Pressure Regulating Valve 3
- N218- Automatic Transmission Pressure Regulating Valve 4
- N233- Automatic Transmission Pressure Regulating Valve 5
- T16ag- 16-Pin Connector, on transmission
- T88 - 88-Pin Connector



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

Transmission Control Module (TCM), Tiptronic Upshift Button, Tiptronic Downshift Button, Transmission Input Speed (RPM) Sensor, Transmission Output Speed (RPM) Sensor

- E479 - Tiptronic Upshift Button
 E480 - Tiptronic Downshift Button
 G182 - Transmission Input Speed (RPM) Sensor
 G195 - Transmission Output Speed (RPM) Sensor
 J217 - Transmission Control Module (TCM)
 J285 - Instrument Cluster Control Module
 J519 - Vehicle Electrical System Control Module
 J527 - Steering Column Electronic Systems Control Module
 T5f - 5-Pin Connector
 T10ga- 10-Pin Connector, connector station 1/ transmission
 T16ag- 16-Pin Connector, on transmission
 T17c - 17-Pin Connector, below instrument panel, left
 T17e - 17-Pin Connector, below instrument panel, left
 T32a - 32-Pin Connector, green
 T88 - 88-Pin Connector

- (B383) - Powertrain CAN-Bus High Connection 1 (in main wiring harness)
 (B385) - Powertrain CAN-Bus High Connection 3 (in main wiring harness)
 (B386) - Powertrain CAN-Bus High Connection 4 (in main wiring harness)
 (B390) - Powertrain CAN-Bus Low Connection 1 (in main wiring harness)
 (B392) - Powertrain CAN-Bus Low Connection 3 (in main wiring harness)
 (B393) - Powertrain CAN-Bus Low Connection 4 (in main wiring harness)

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

