

Transporter

Current Flow Diagram

No. 135 / 1

Edition 01.2006

Trailer operation

from January 2006

Notes:

For information concerning

- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

→ List of Fitting Locations!

For information concerning

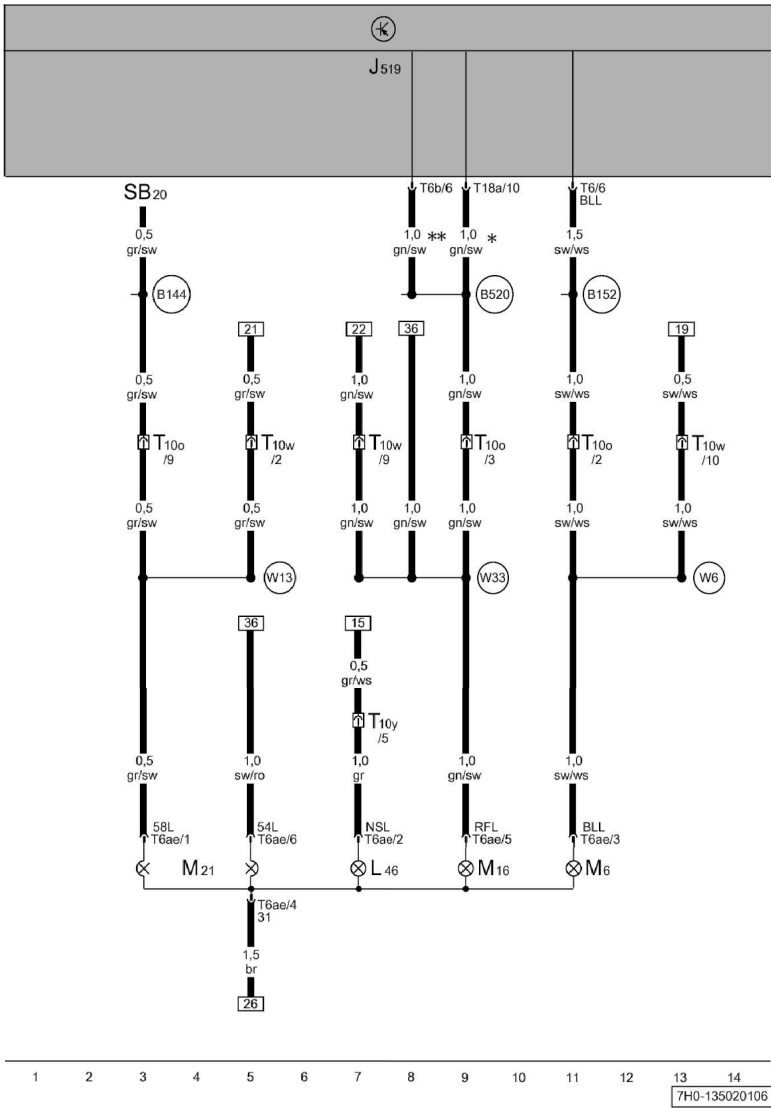
- ◆ Fault Finding Programs

→ guided fault finding

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Current Flow Diagram

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Left brake and tail light bulb, rear left fog light bulb, rear left turn signal bulb, left reversing light bulb

- J519 - Onboard supply control unit
- L46 - Rear left fog light bulb
- M6 - Rear left turn signal bulb
- M16 - Left reversing light bulb
- M21 - Left brake and tail light bulb
- SB20 - Fuse 20 on fuse holder B
- T6 - 6-pin connector, black
- T6b - 6-pin connector, red
- T6ae - 6-pin connector
- T10o - 10-pin connector, light-green, coupling station under driver seat
- T10w - 10-pin connector, orange, coupling station on left of D-pillar
- T10y - 10-pin connector, yellow, coupling station on left of D-pillar
- T18a - 18-pin connector, brown
- B144 - Positive connection (58L), in interior wiring harness
- B152 - Connection (BL), in interior wiring harness
- B520 - Connection (RL), in main wiring harness
- W6 - Connection (left turn signal), in rear wiring harness
- W13 - Connection (58L), in rear wiring harness
- W33 - Connection (reversing light), in rear lid wiring harness
- * - for models with manual gearbox only
- ** - for models with automatic gearbox only, signal output

Current Flow Diagram

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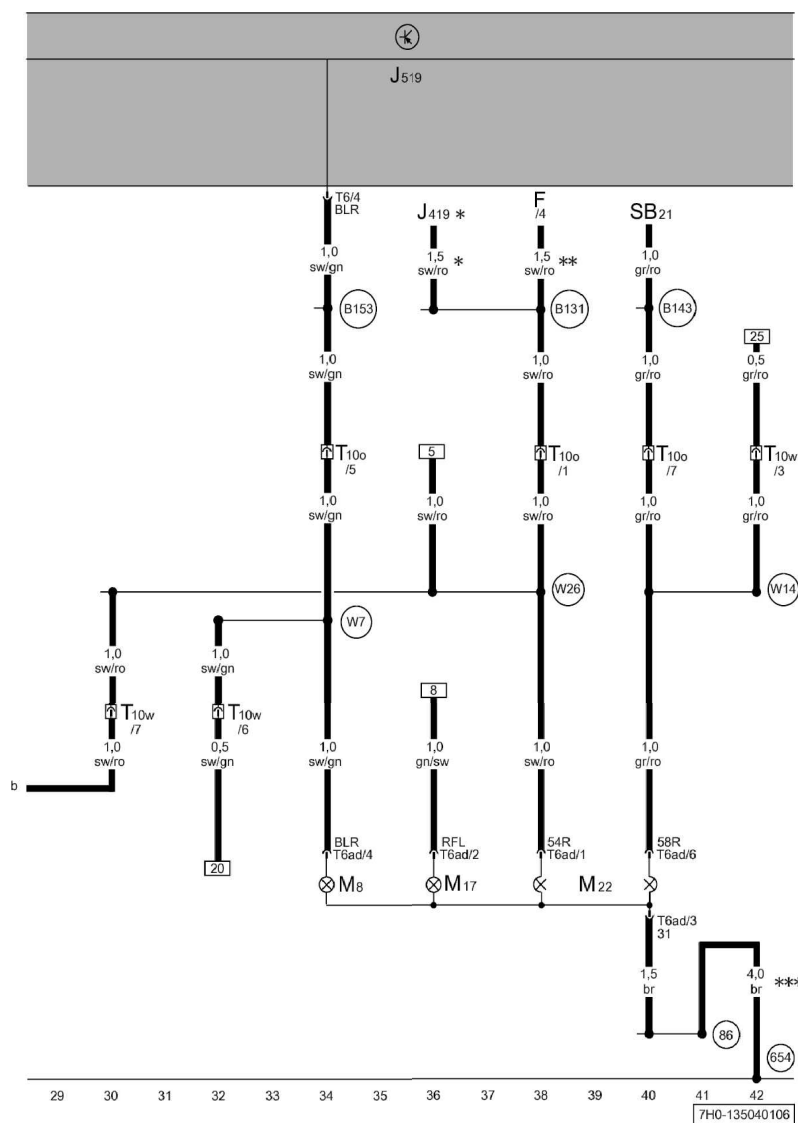


- | | |
|------|---|
| F216 | - Rear fog light cut-out contact switch |
| J446 | - Parking aid control unit |
| J519 | - Onboard supply control unit |
| SA2 | - Fuse 2 on fuse holder A |
| SC1 | - Fuse 1 on fuse holder C |
| T3 | - 3-pin connector |
| T10o | - 10-pin connector, light-green, coupling station under driver seat  |
| T10t | - 10-pin connector, black, coupling station under driver seat  |
| T10w | - 10-pin connector, orange, coupling station on left of D-pillar  |
| T10y | - 10-pin connector, yellow, coupling station on left of D-pillar  |
| T13 | - 13-pin connector |
| T16h | - 16-pin connector, brown |
| U10 | - Trailer socket |
| 87 | - Earth connection 2, in rear wiring harness |
| 428 | - Earth connection 4, in left rear end wiring harness |
| 653 | - Earth point, left D-pillar  |
| B298 | - Positive connection 2 (30), in main wiring harness |
| B301 | - Positive connection 5 (30), in main wiring harness |
| B305 | - Positive connection 9 (30), in main wiring harness |
| * | - for models with parking aid only |
| ** | - cross section are equipment dependant |

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Current Flow Diagram

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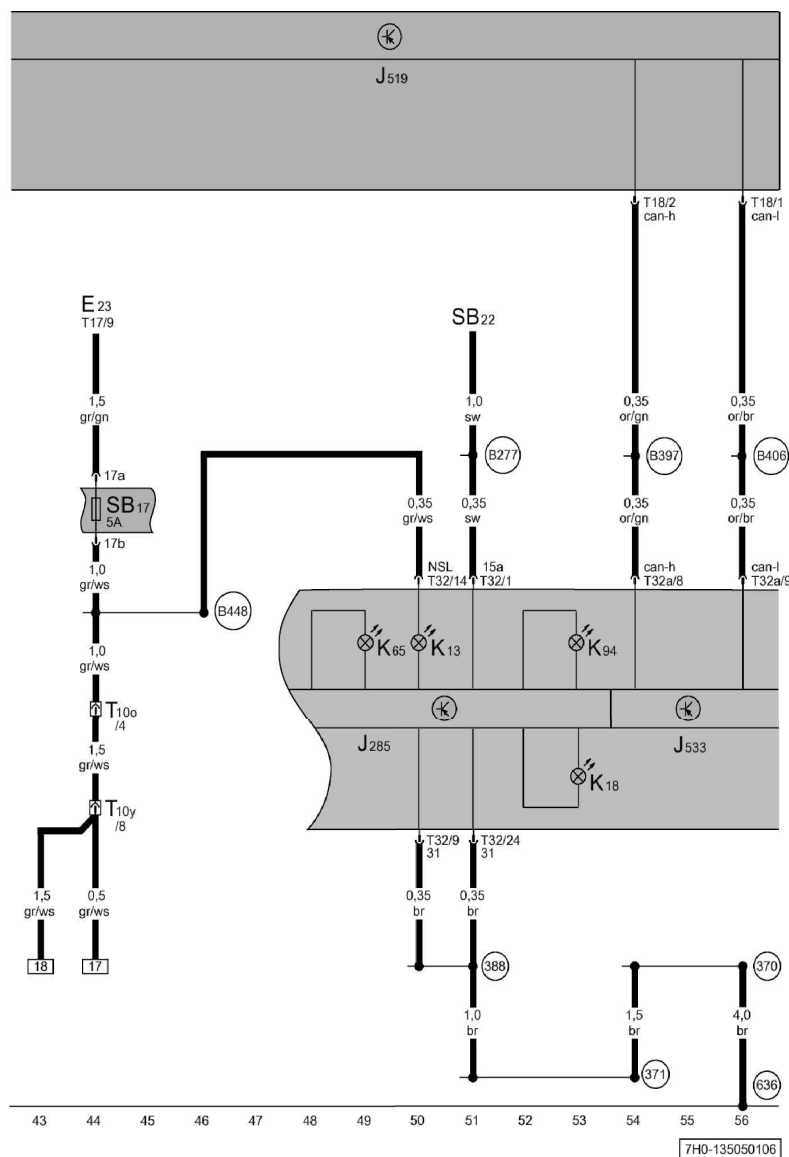
Right brake and tail light bulb, rear right turn signal bulb, right reversing light bulb

- F - Brake light switch
- J419 - Brake light additional relay
- J519 - Onboard supply control unit
- M8 - Rear right turn signal bulb
- M17 - Right reversing light bulb
- M22 - Right brake and tail light bulb
- SB21 - Fuse 21 on fuse holder B
- T6 - 6-pin connector, black
- T6ad - 6-pin connector
- T10o - 10-pin connector, light-green, coupling station under driver seat
- T10w - 10-pin connector, orange, coupling station on left of D-pillar
- 86 - Earth connection 1, in rear wiring harness
- 654 - Earth point, right D-pillar
- B131 - Connection (54), in interior wiring harness
- B143 - Positive connection (58R), in interior wiring harness
- B153 - Connection (RTS), in interior wiring harness
- W7 - Connection (right turn signal), in rear wiring harness
- W14 - Connection (58R), in rear wiring harness
- W26 - Positive connection (54), in tail light wiring harness
- * - for models with ESP only, Ø ABS Current Flow Diagram
- ** - for models without ESP only
- *** - cross section are equipment dependant

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Current Flow Diagram

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Control unit in dash panel insert, warning lamps

- E23 - Front and rear fog light switch
- J285 - Control unit in dash panel insert
- J519 - Onboard supply control unit
- J533 - Data bus diagnostic interface
- K13 - Rear fog light warning lamp
- K18 - Trailer operation warning lamp
- K65 - Left turn signal warning lamp
- K94 - Right turn signal warning lamp
- SB17 - Fuse 17 on fuse holder B
- SB22 - Fuse 22 on fuse holder B
- T10o - 10-pin connector, light-green, coupling station under driver seat
- T10y - 10-pin connector, yellow, coupling station on left of D-pillar
- T17 - 17-pin connector
- T18 - 18-pin connector, black
- T32 - 32-pin connector, blue
- T32a - 32-pin connector, green
- 370 - Earth connection 5, in main wiring harness
- 371 - Earth connection 6, in main wiring harness
- 388 - Earth connection 23, in main wiring harness
- 636 - Earth point, onboard supply control unit
- B277 - Positive connection 1 (15a), in main wiring harness
- B397 - Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 - Connection 1 (convenience CAN bus, low), in main wiring harness
- B448 - Connection (rear fog light), in main wiring harness