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Vehicle: Electrical Diagrams

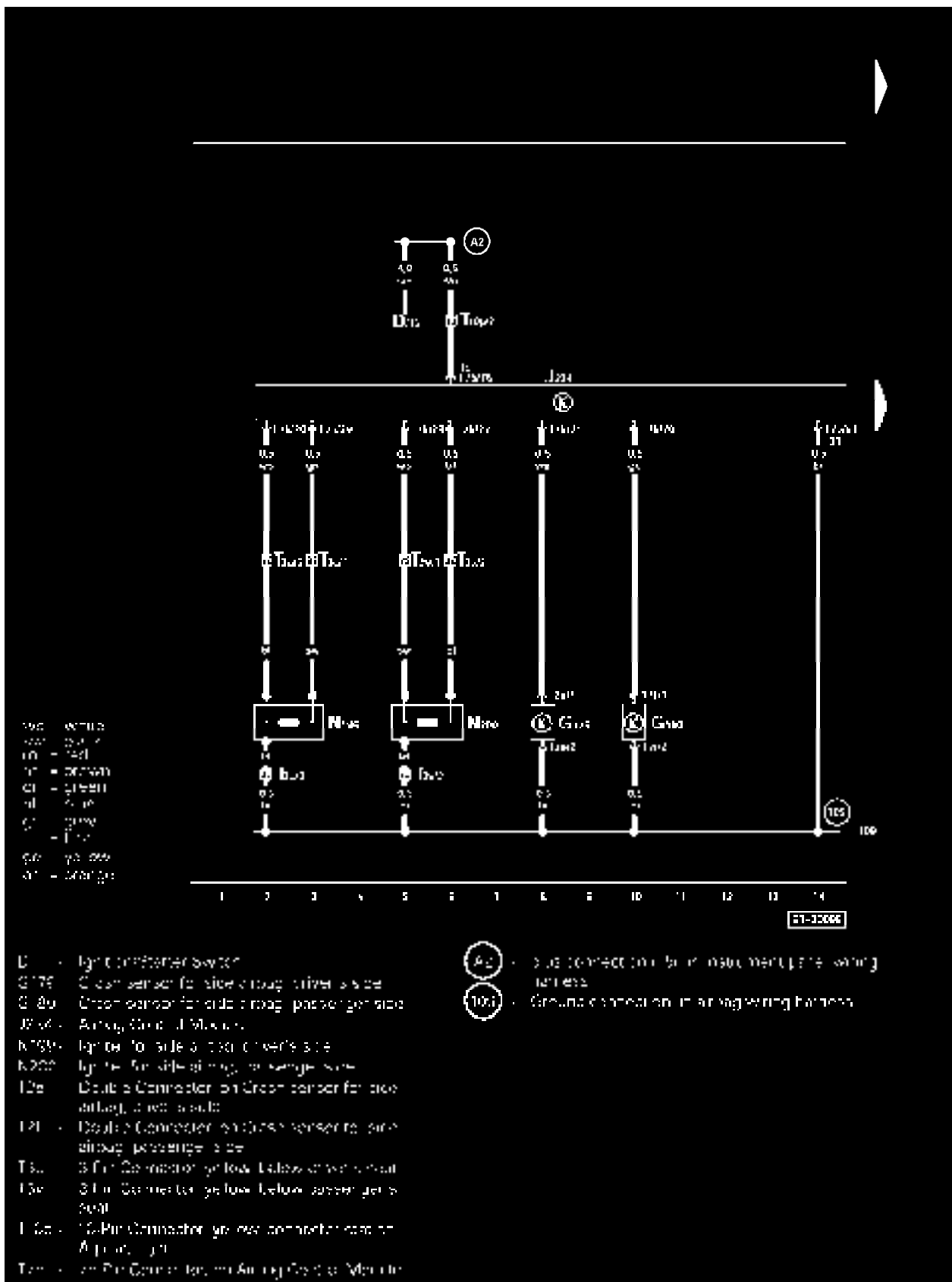
Air Bag Systems

Airbag Systems from June 2001

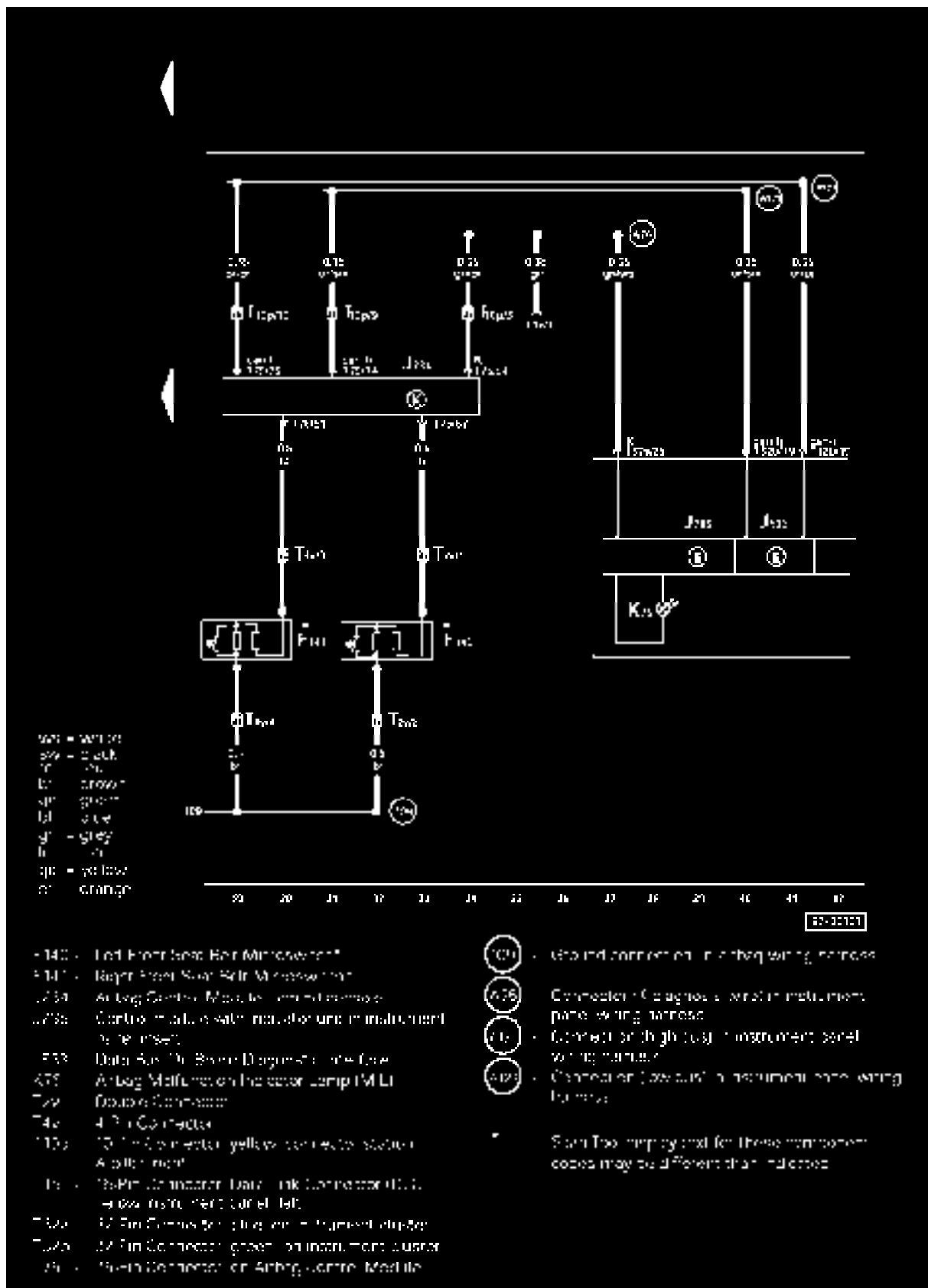
IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 1-14



Track 29-42

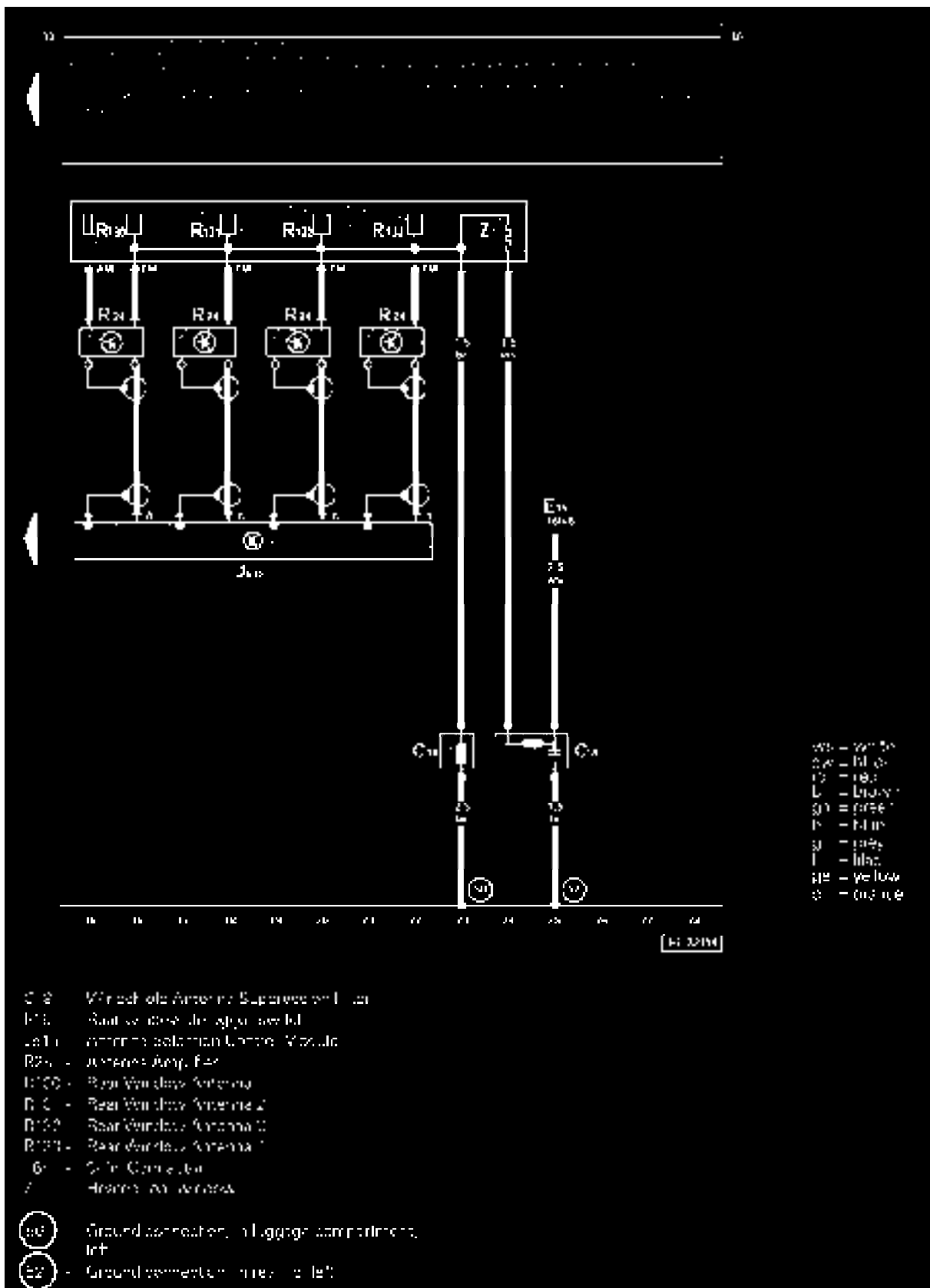
Antenna

Diversity Antenna System, from January 2002

IMPORTANT NOTE

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Track 15-28

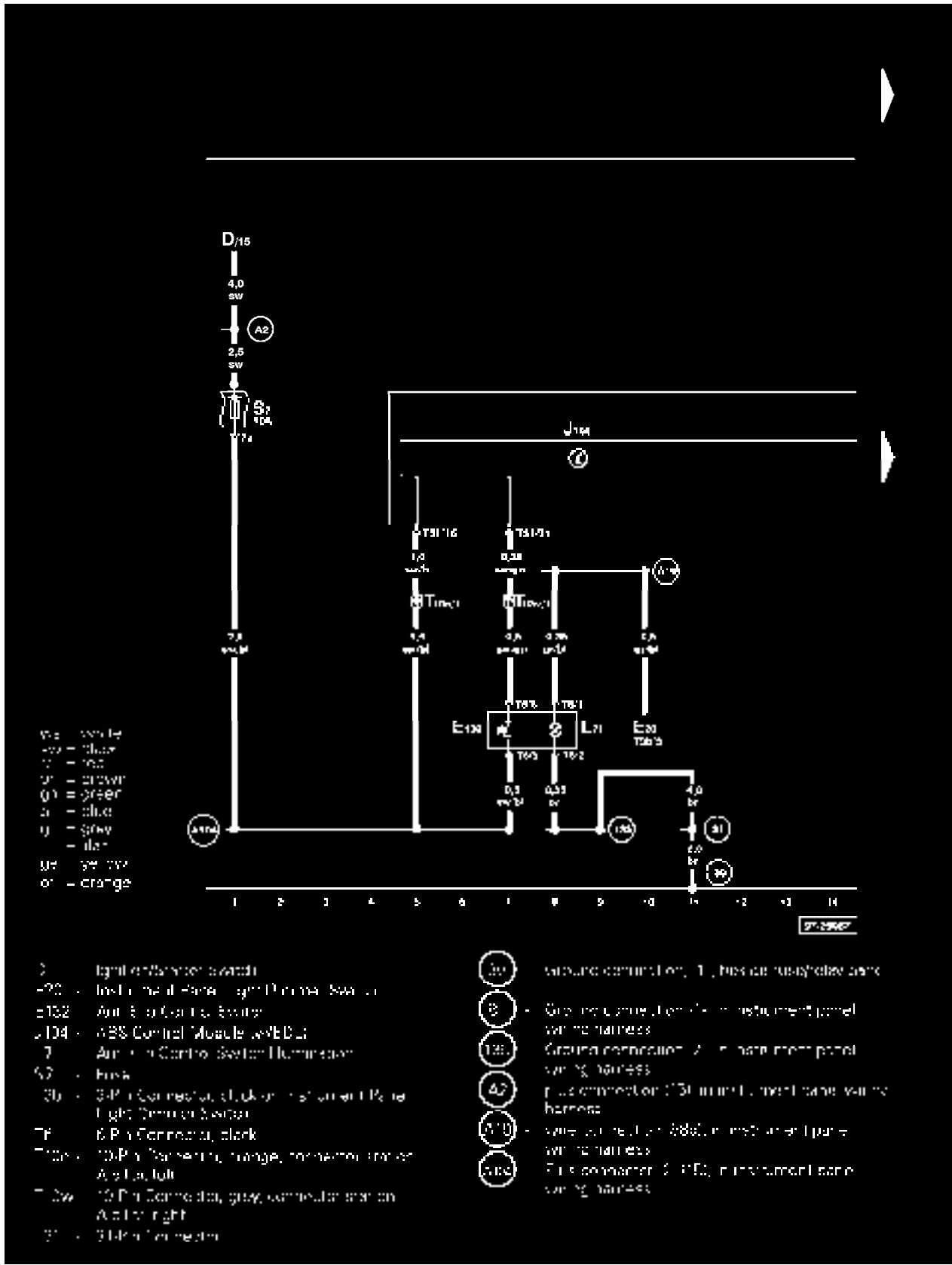
ABS With EDL and ASC, Front Wheel Drive Only From October 2000

Anti-lock brake system (ABS) with electronic differential lock (EDL) and anti-slip control (ASC), front wheel drive only from October 2000

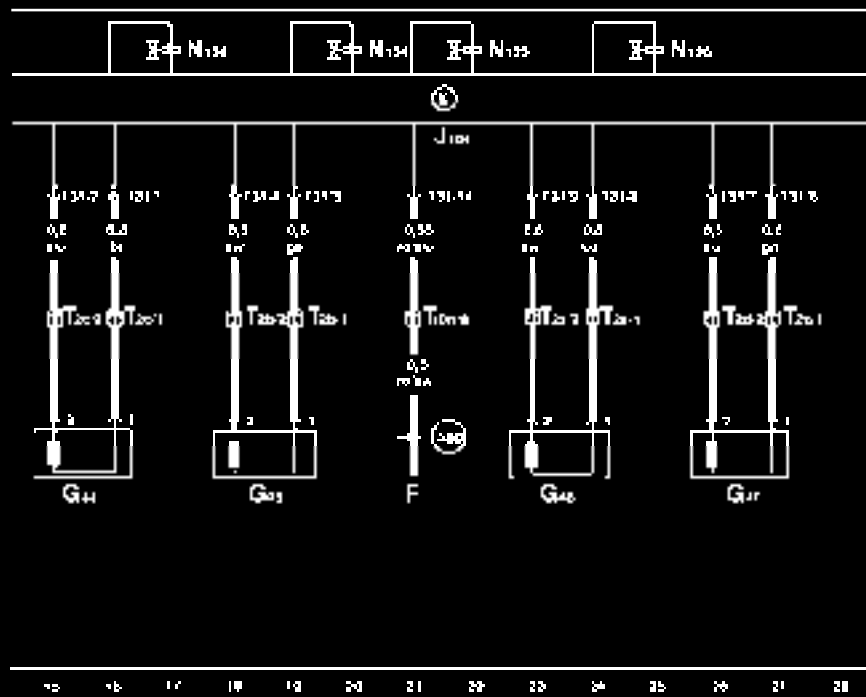
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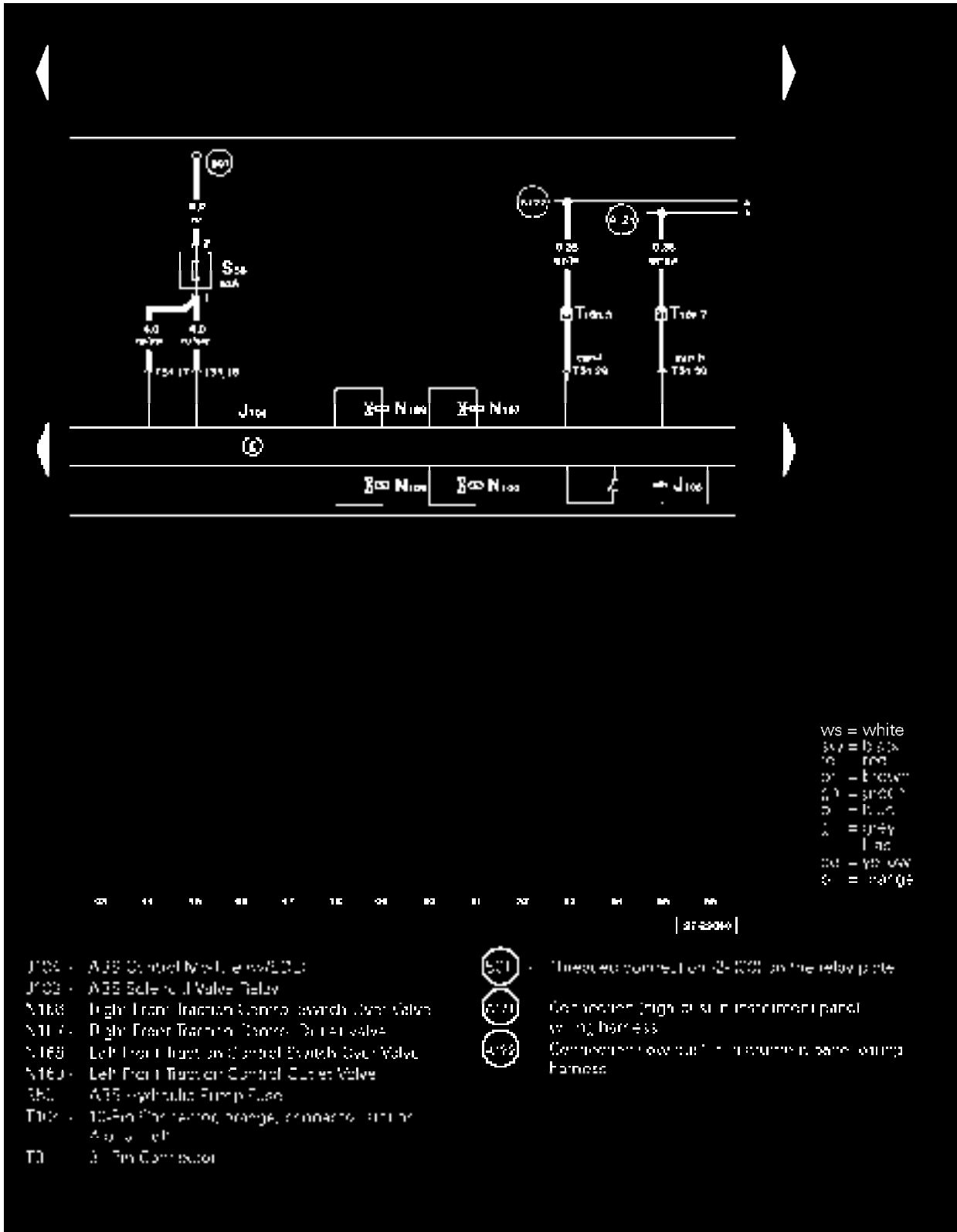
Track 1-14



- wa - white
- bl - black
- b - blue
- br - brown
- gr - grey
- g - green
- y - yellow
- o - orange

- I - Brake Light Switch
- G44 - Right Rear ABS Wheel Speed Sensor
- G45 - Right Front ABS Wheel Speed Sensor
- G46 - Left Rear ABS Wheel Speed Sensor
- G47 - Left Front ABS Wheel Speed Sensor
- J134 - ABS Control Module (w/ DL)
- N134 - Right Rear ABS Inlet Valve
- N134 - Left Rear ABS Inlet Valve
- N135 - Right Rear ABS Outlet Valve
- N136 - Left Rear ABS Outlet Valve
- T2a - Double Connector (under rear seat)
- T2b - Double Connector (right front wheel well)
- T2c - Double Connector (under front seat)
- T2d - Double Connector (left front wheel well)
- T16 - IG Pin Connector (orange, connector location As shown)

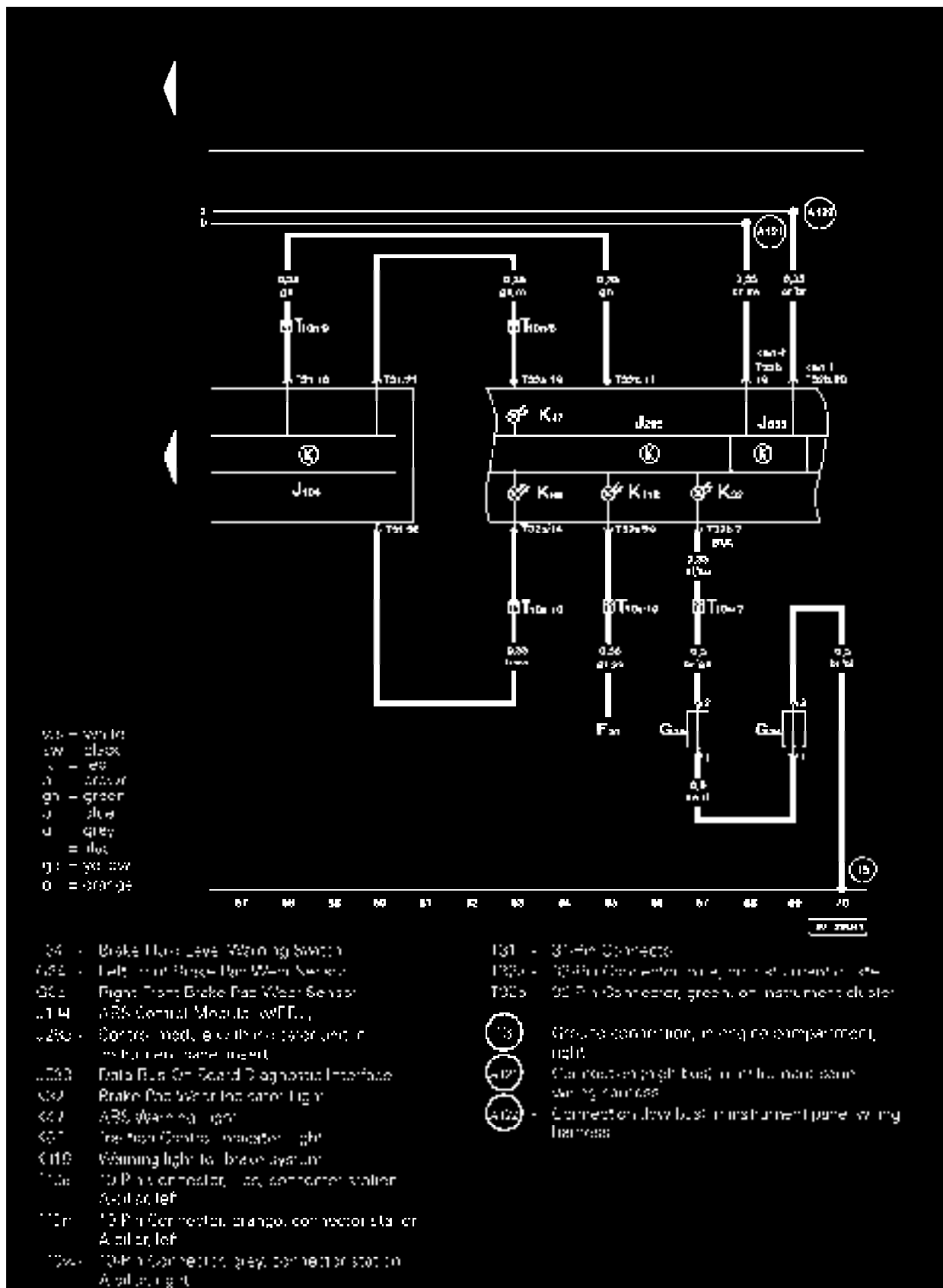
- 16 - ABS Pin Connector
- ABS - Connector 16 Pin (in front of front panel wiring harness)



ws = white
 bk = black
 rd = red
 br = brown
 gn = green
 bl = blue
 y = grey
 lg = light green
 pu = purple
 o = orange

- | | | | | | | | | | | | | | |
|----------|---|----|----|----|----|----|----|----|----|----|----|----|----|
| 20 | 44 | 16 | 48 | 47 | 10 | 28 | 22 | 11 | 27 | 23 | 31 | 30 | 36 |
| at arrow | | | | | | | | | | | | | |
| J101 | - ABS Control Module (w/BDL) | | | | | | | | | | | | |
| J102 | - ABS Solenoid Valve Relay | | | | | | | | | | | | |
| N100 | - High Trans. Traction Control Control Valve | | | | | | | | | | | | |
| N101 | - High Trans. Traction Control Control Valve | | | | | | | | | | | | |
| N108 | - Left Front Trans. Control Switch Over Valve | | | | | | | | | | | | |
| N109 | - Left Front Trans. Control Switch Valve | | | | | | | | | | | | |
| 30 | - ABS Hydraulic Pump Fuse | | | | | | | | | | | | |
| T101 | - 10 Pin Diagnostic, orange, connector, front of Assembly | | | | | | | | | | | | |
| T1 | - 3 Pin Connector | | | | | | | | | | | | |

Track 43-56



Track 57-70

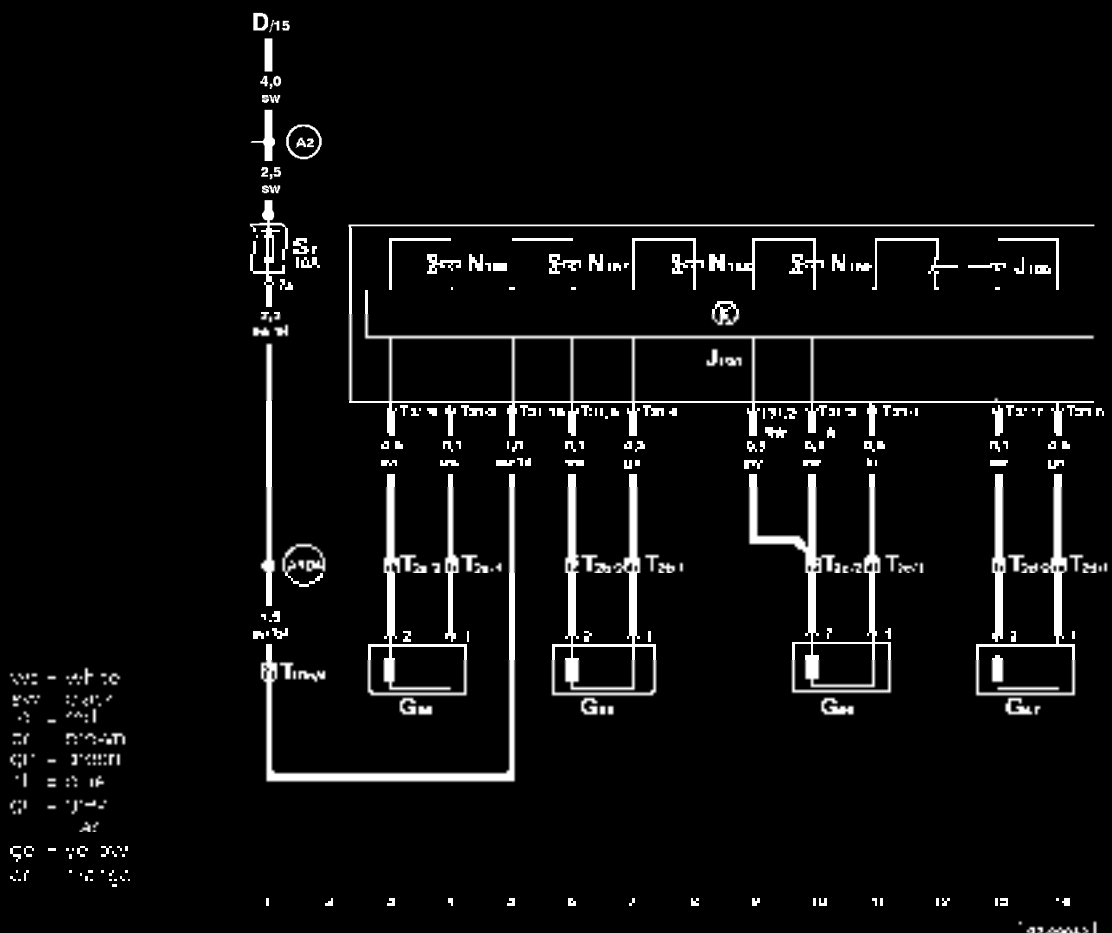
ABS With EDL From October 2000

Anti-lock brake system (ABS) with electronic differential lock (EDL) from October 2000

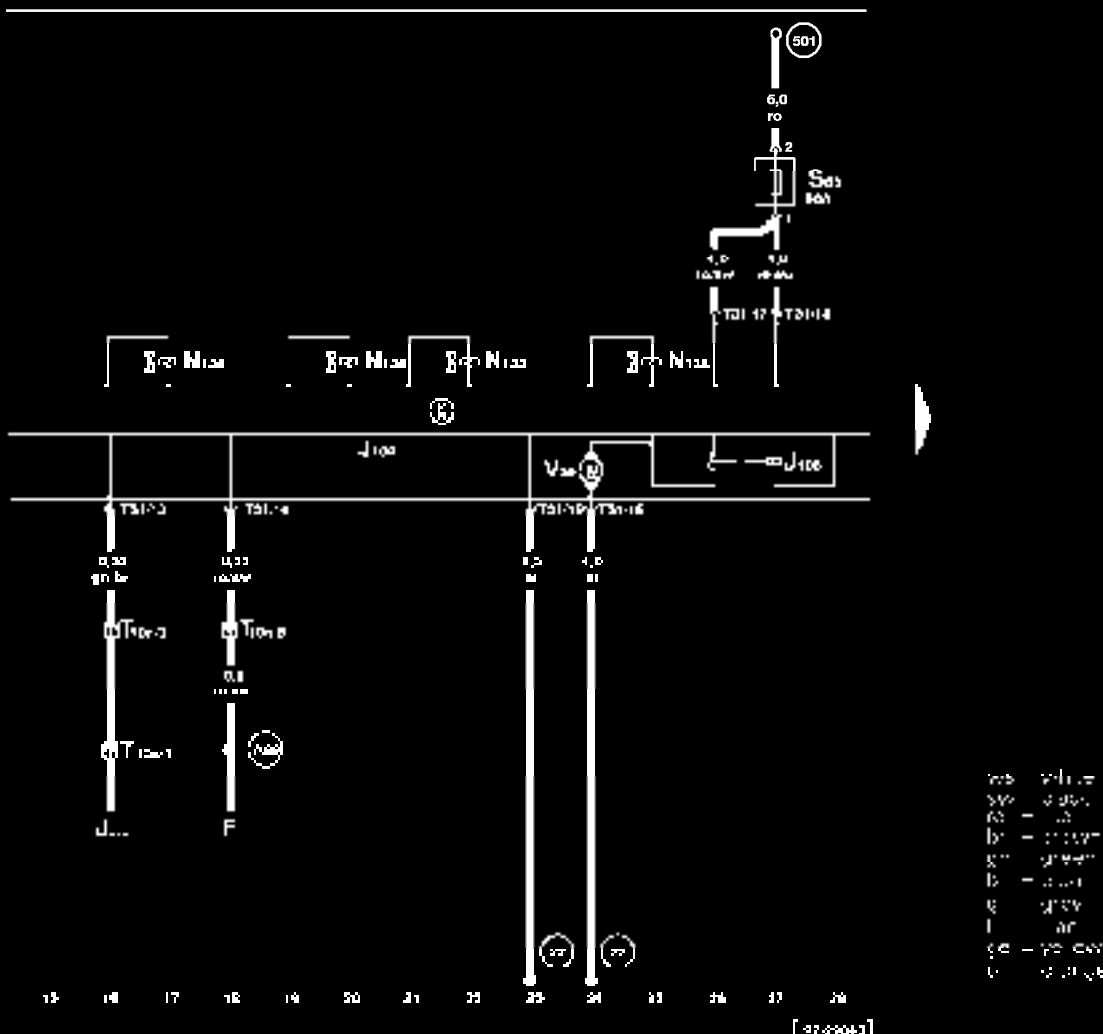
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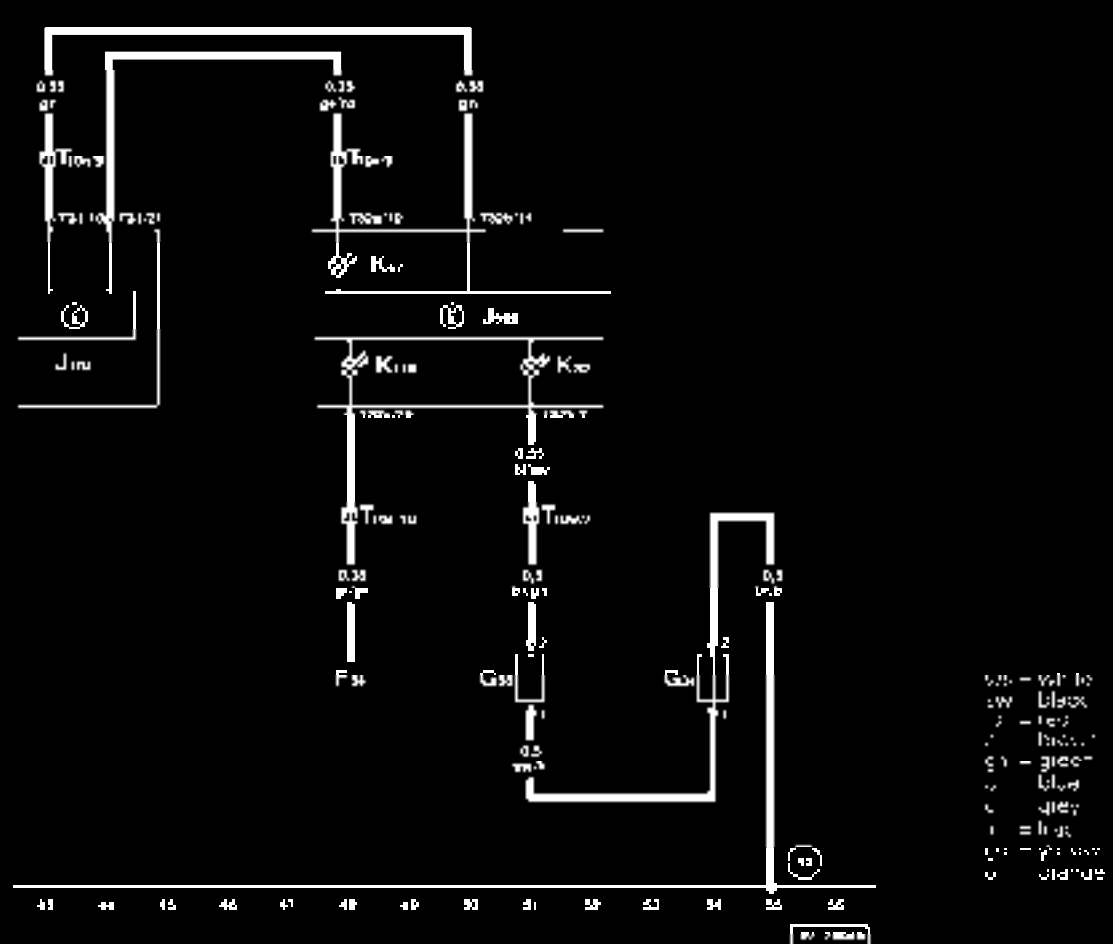
- D - 4-pin ABS Line Sensor
- G44 - Right Rear ABS Wheel Speed Sensor
- G45 - Right Front ABS Wheel Speed Sensor
- G46 - Left Rear ABS Wheel Speed Sensor
- G47 - Left Front ABS Wheel Speed Sensor
- J104 - ABS Control Module w/ J106
- J106 - ABS Solenoid Valve Rear
- M166 - Right Front Electron Control Switch/Over Valve
- M167 - Right Front Electron Control Switch/Over Valve
- M168 - Left Front Electron Control Switch/Over Valve
- M169 - Left Front Electron Control Switch/Over Valve
- S7 - Fuse
- 12a - Double Connector (right rear wheel)
- 12b - Double Connector (right front wheel)
- 12c - Double Connector (left rear wheel)
- 12d - Double Connector (left front wheel)
- 10 - 10-pin Car Radio, Alarm, Immobilizer, Latch and Anti-Lock
- 12 - 2-pin Connector
- 15 - Bus connection (15) in instrument panel wiring harness
- 15A - Plus connector (2-pin) in instrument panel wiring harness
- 4 - Left wheel drive only
- 4.0 - 4 Motion only



- J108 - Engine Control Module (ECM)
- F - Brake Light Switch
- J106 - ABS Control Module (BCM)
- J108 - ABS Return Flow Pump Relay
- N132 - Front Rear ABS Inlet Valve
- N134 - Left Rear ABS Solenoid Valve
- N136 - Right Rear ABS Solenoid Valve
- N138 - Left Rear ABS Outlet Valve
- V38 - ABS Hydraulic Pump/Flase
- J106 - 10 Pin Connector, orange, connector station: A-caller, 48
- J108 - 12 Pin Connector, red
- J106 - 10 Pin Connector
- N138 - ABS Return Flow Pump

- (22) - Ground connection, on hydraulic pump
- (10) - Terminal connection (10-100) on the relay base
- (AGS) - Connection 2.5% of instrument panel wiring harness

Track 15-28



- T101 - Brake Pad Wear Warning Sensor
- T102 - Left Front Brake Pad Wear Sensor
- T103 - Right Front Brake Pad Wear Sensor
- J117 - ABS Control Module (see 01)
- T104 - Control Module with transducer in the instrument panel area
- K12 - Brake Pad Wear Indicator Light
- K17 - ABS Warning Light
- K10 - Warning Lamp for brake system
- T105 - 10-pin Connector (blue), connector station
- T106 - 10-pin Connector (blue), connector station
- T107 - 10-pin Connector (grey), connector station
- T108 - 10-pin Connector
- T109 - 10-pin Connector
- T110 - 10-pin Connector
- T109a - 20-pin Connector, blue, on instrument cluster
- T109b - 20-pin Connector, green, on instrument cluster
- 3 - ground connection, in engine compartment, front

Track 43-56

ABS With EDL, ASR, and ESP From January 2002

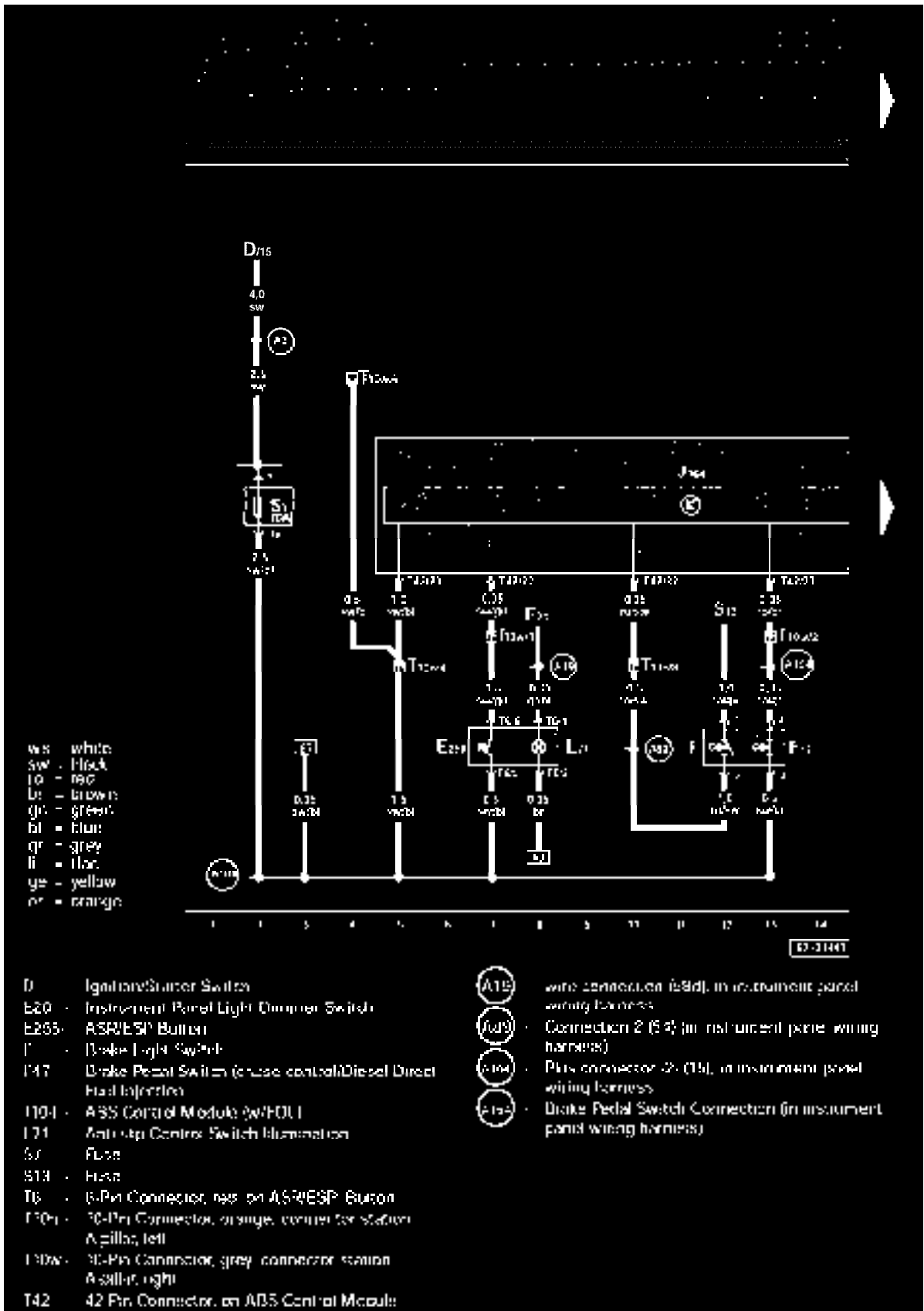
Anti-lock brake system (ABS) with electronic differential lock (EDL), anti-slip regulation (ASR) and traction control (ESP) from January 2002

IMPORTANT NOTE

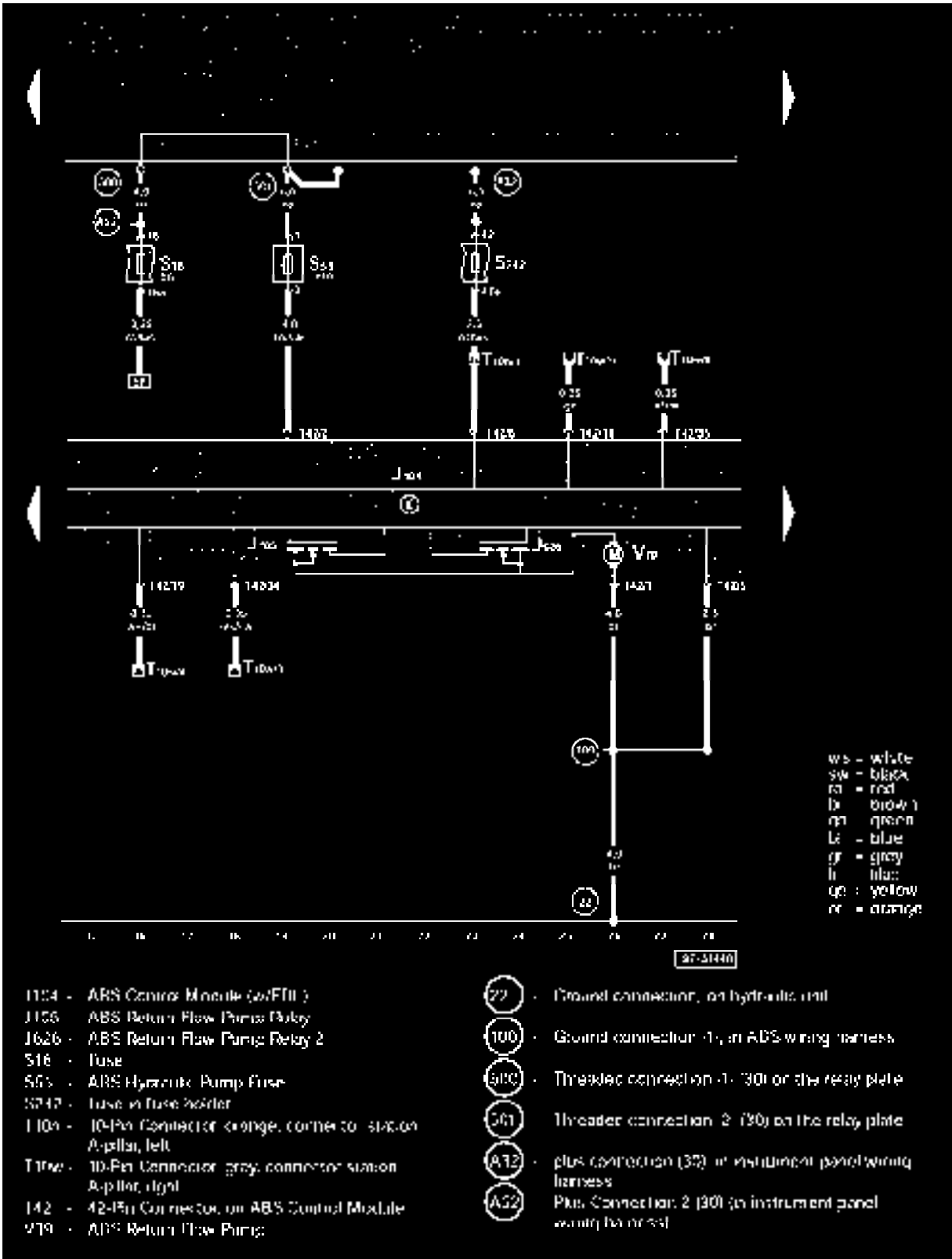
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Instructions



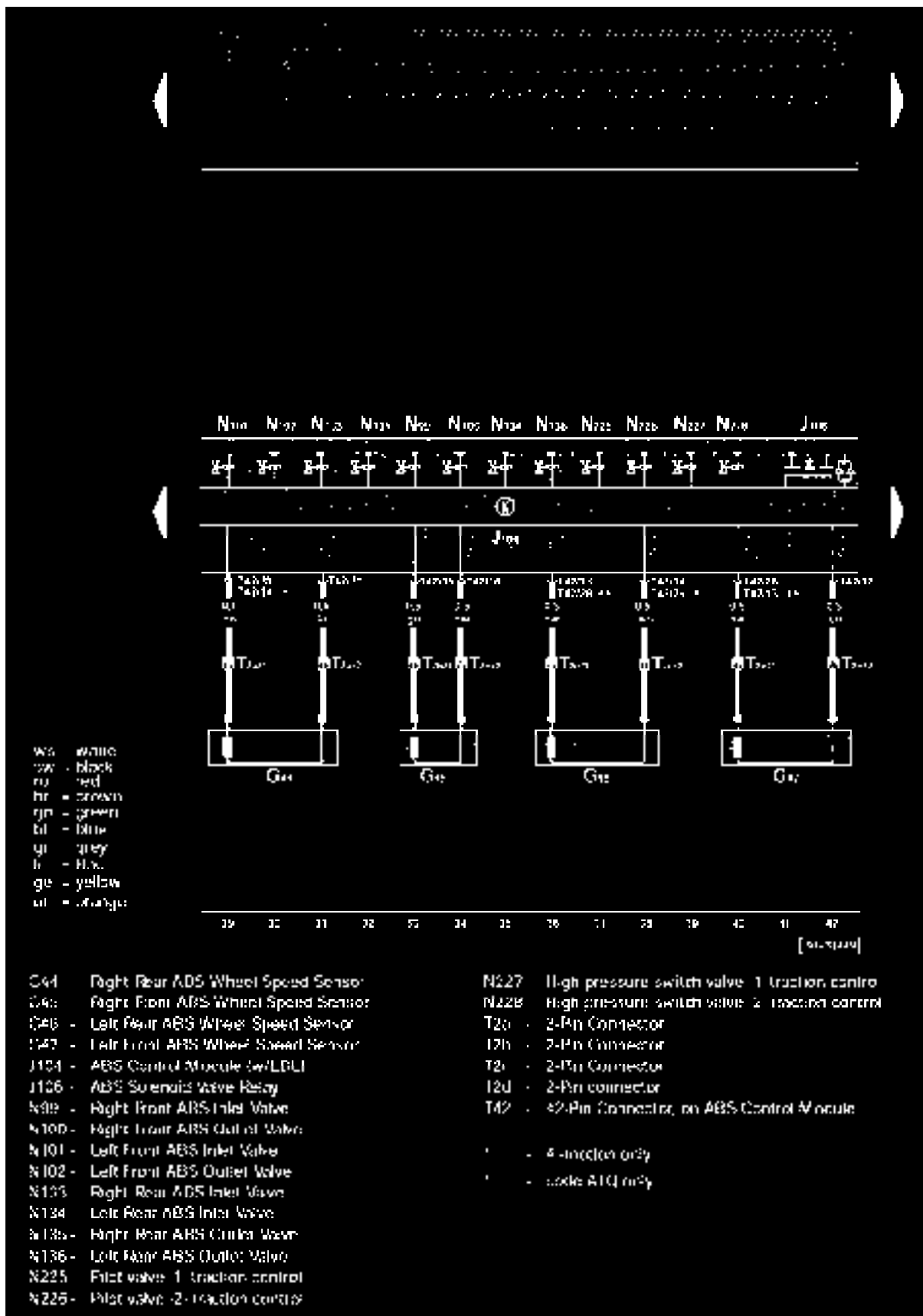
Track 1-14



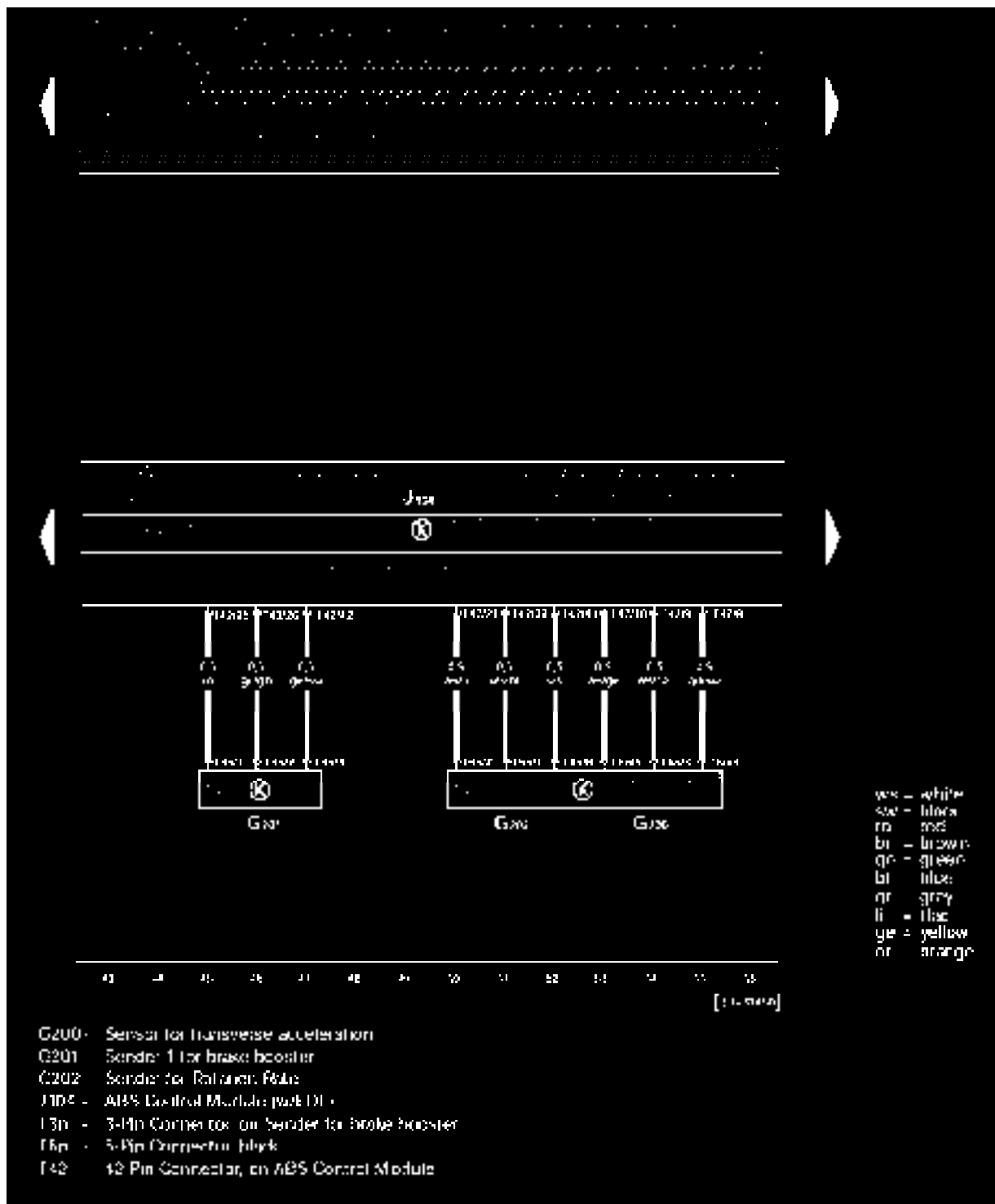
- 1124 - ABS Control Module (w/FTI)
- 1125 - ABS Return Flow Pump Relay
- 1426 - ABS Return Flow Pump Relay 2
- S16 - Fuse
- S53 - ABS Hydraulic Pump Fuse
- S542 - Fuse in fuse holder
- T10a - 10-Pin Connector (orange, connector station A-pillar, left)
- T10a1 - 10-Pin Connector (grey, connector station A-pillar, right)
- 142 - 42-Pin Connector, on ABS Control Module
- 1429 - ABS Return Flow Pump

- 22 - Ground connection, on hydraulic unit
- 100 - Ground connection (1), in ABS wiring harness
- 500 - Threaded connection (1) (30) on the relay plate
- 501 - Threaded connection (2) (30) on the relay plate
- 432 - plus connection (30) in instrument panel wiring harness
- 432 - Plus Connection (2) (30) in instrument panel wiring harness

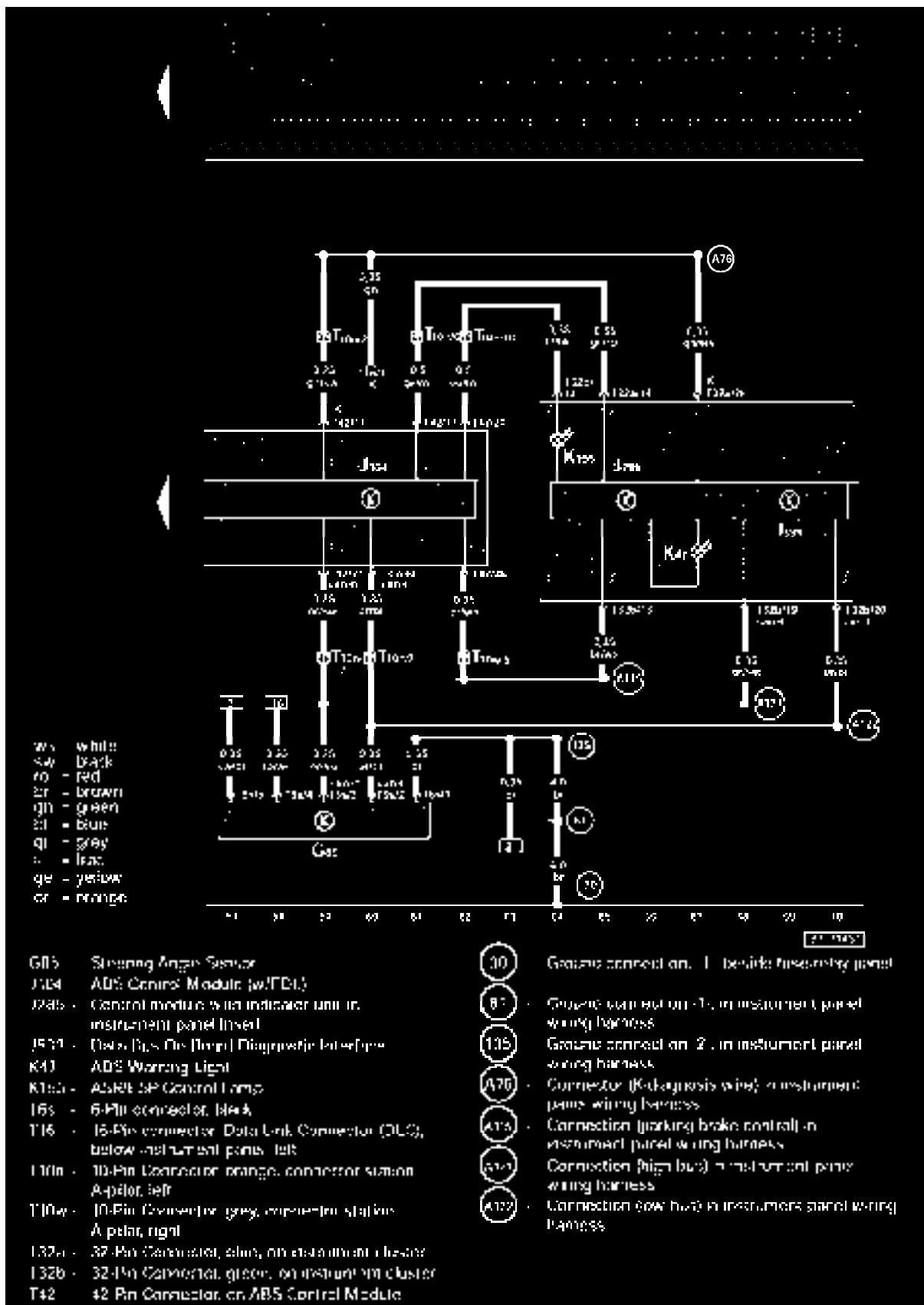
Track 15-28



Track 29-42



Track 43-56



Track 57-70

Antitheft and Alarm Systems

For information regarding diagrams for this system please refer to Body and Frame, Comfort System Diagrams. See: Body and Frame/System Diagram

COMPONENTS	TRACKS
Alarm Switch	197-210
Alarm System and Anti-Theft Engine Disable Fuse	197-210
Central control module for comfort system	155-168, 168-182, 183-196, 197-210, 211-224
Central Locking and Anti-theft Alarm System Antenna	211-224
Control module with indicator unit in instrument panel insert	85-98, 155-168
Decklid Central Locking System Motor	168-182, 183-196
Door control module, driver side	1-14, 15-28, 29-42, 43-56
Door control module, passenger side	85-98, 99-112, 113-126
Door control module, rear, left	71-84
Door control module, rear, right	127-140
Driver's Folding Mirror Contact Switch	29-42
Driver's Side Mirror Adjustment Motor	29-42
Entry light front, left	15-28
Entry light front, right	99-112
Entry light rear, left	71-84
Entry light rear, right	127-140
Front Interior Light	141-154
Heated outside mirror, driver side	29-42
Heated outside mirror, passenger side	113-126
Hood Alarm Switch	197-210

COMPONENTS	TRACKS
Ignition/Starter Switch	43-56, 155-168
Illumination for switch remote unlock	57-70
Left Rear Window Switch. (In LR Door)	71-84
Lighting for switch interior lock	85-98
Lock unit for central locking, driver side	15-28
Lock unit for central locking, passenger side	99-112
Lock unit for central locking, rear, left	71-84
Lock unit for central locking, rear, right	127-140
Locking relay for starter (anti-theft immobilizer)	197-210
Luggage compartment Light	168-182, 183-196
Luggage Compartment Light Switch	168-182, 183-196
Make-Up Mirror Light Switches	141-154
Make-up Mirror Lights	141-154
Mirror Adjusting Switch Light	43-56
Mirror Adjustment Switch	43-56
Mirror Folding Switch	43-56
Mirror Selector Switch	43-56
Motor for fold-in mirror, driver side	29-42
Motor for fold-in mirror, passenger side	113-126
Motor for fuel tank lid unlock	57-70
Motor for mirror adjustment, driver side	29-42
Motor for mirror adjustment, passenger side	113-126
Motor for window regulator, driver side	1-14
Motor for window regulator, passenger side	113-126
Motor for window regulator, rear, left	71-84
Motor for window regulator, rear, right	127-140

Diagram Index "Ig - Mo"

COMPONENTS	TRACKS
Passenger Side Interior Lock Switch	85-98
Passenger's Folding Mirror Contact Switch	113-126
Passenger's Side Mirror Adjustment Motor	113-126
Power Sunroof Control Module	211-224
Power Window Switch Light	1-14, 71-84, 113-126, 127-140
Radio	197-210
Raise/Lower Sunroof Switch	211-224
Reading lights	141-154
Rear Reading Lights	141-154
Right Rear Window Switch, (In RR Door)	127-140
Safety switch for window regulator rear	1-14
Sunroof Motor	211-224
Sunroof Regulator	211-224
Switch for Central locking, trunk lid	168-182, 183-196
Switch for interior lock, driver side	1-14
Switch for outside mirror heating	43-56
Switch for remote unlock, rear lid	57-70
Switch for remote/fuel tank door	57-70
Switch for unlocking, rear lid handle	183-196
Switch for window regulator, in passenger door	113-126
Switches for window regulator	1-14
Trunk Lock Alarm/Central Locking Switch	57-70
Turn signal switch	211-224
Warning light for central locking -SAFE-	15-28
Warning light for rear lid unlocked	155-168

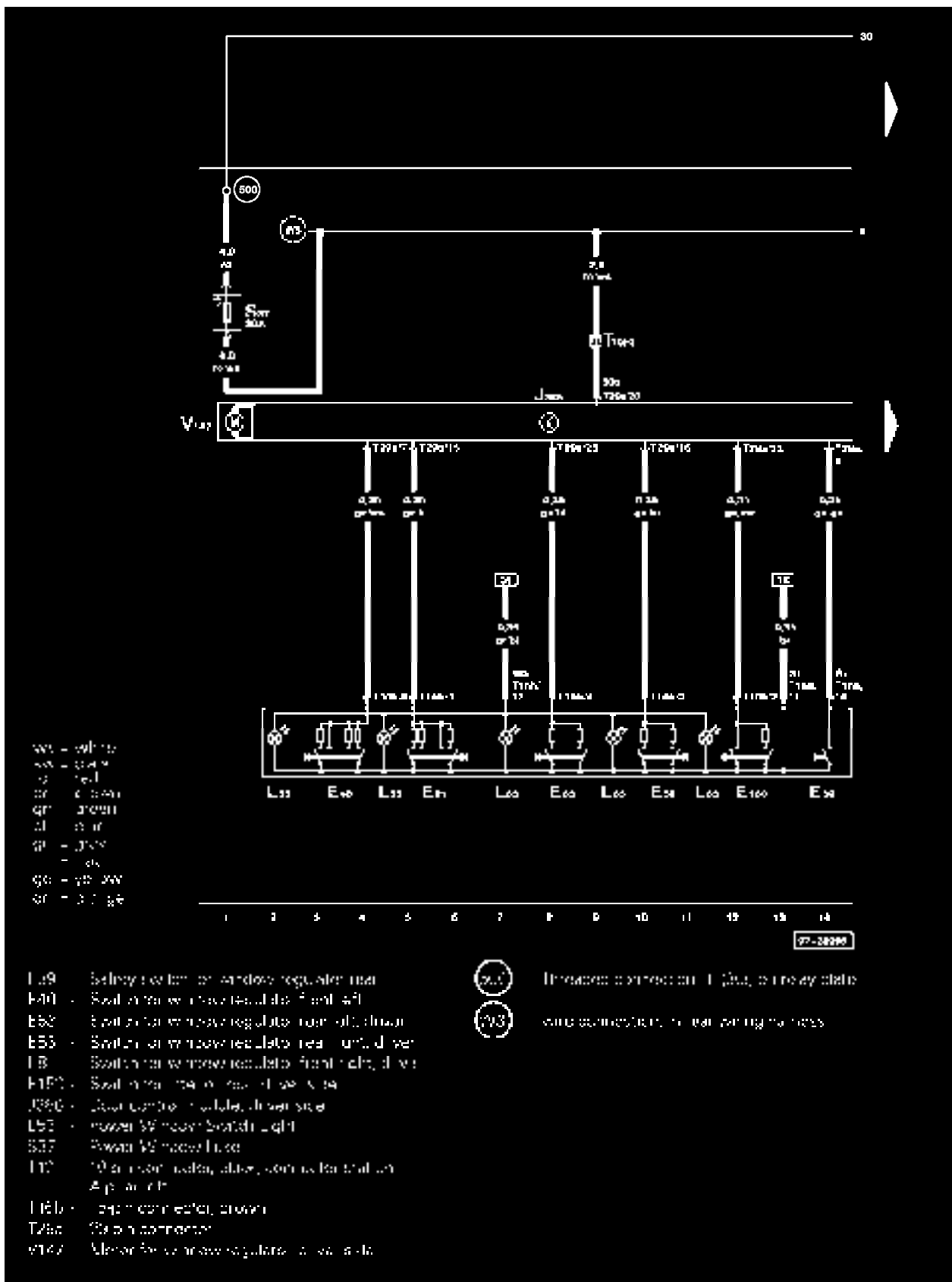
Diagram Index "Pa - Wa"

Track 1-14

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Track 1-14

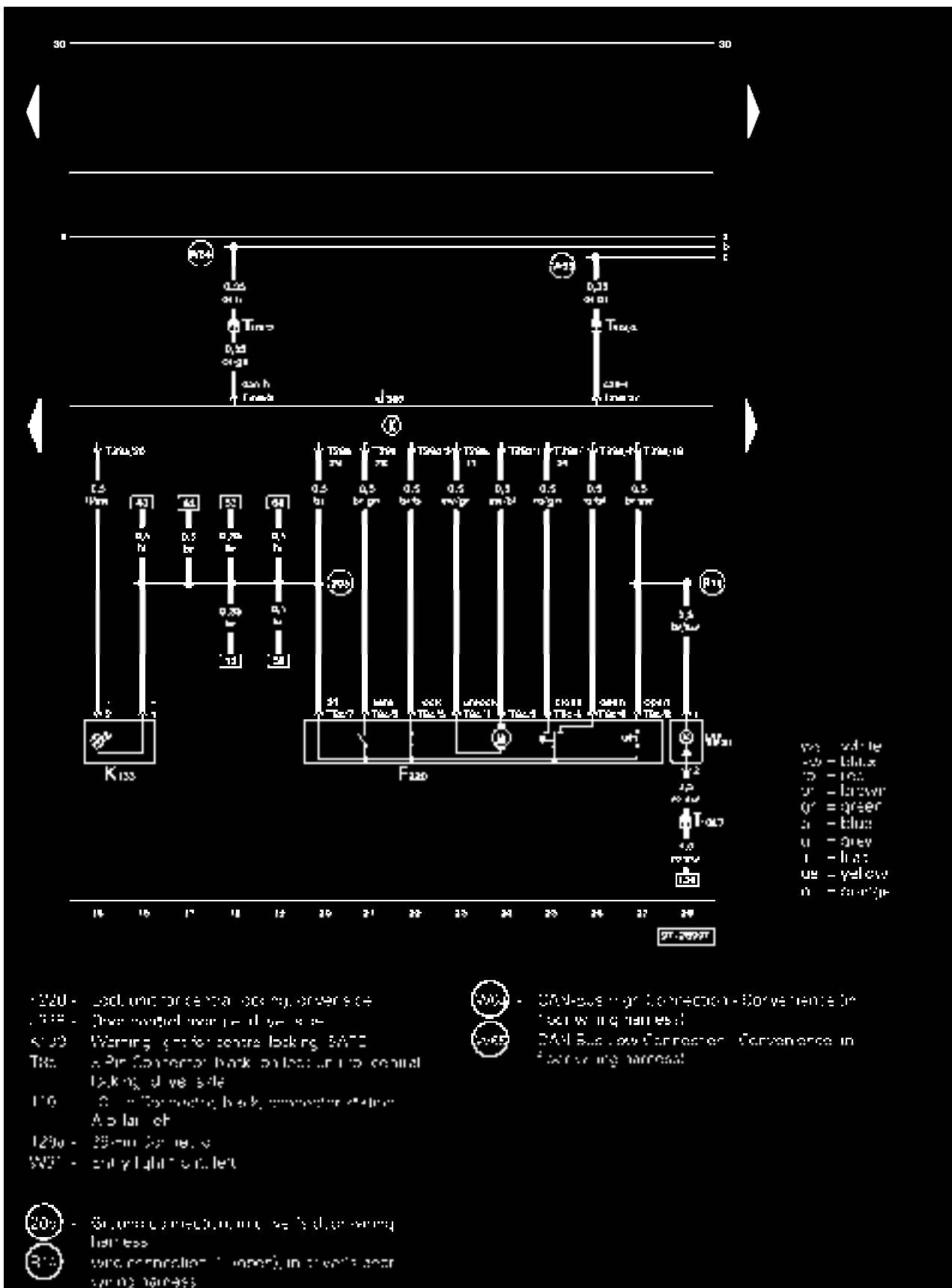
Next Track See: Body and Frame/System Diagram/Track 15-28

Track 15-28

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Track 15-28

Next Track See: Body and Frame/System Diagram/Track 29-42

Previous Track See: Body and Frame/System Diagram/Track 1-14

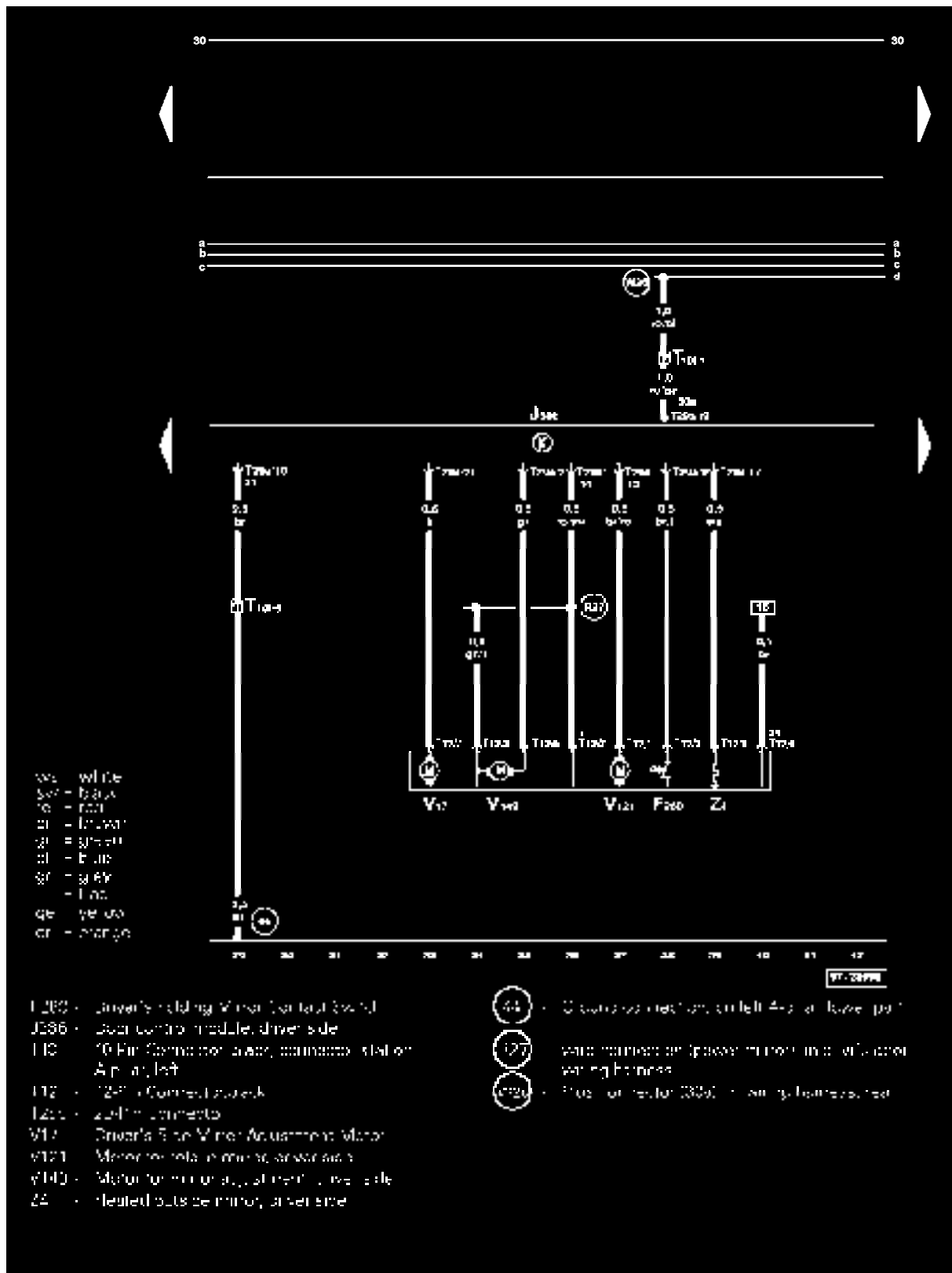
Track 29-42

IMPORTANT NOTE

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Instructions



Track 29-42

Next Track See: Body and Frame/System Diagram/Track 43-56

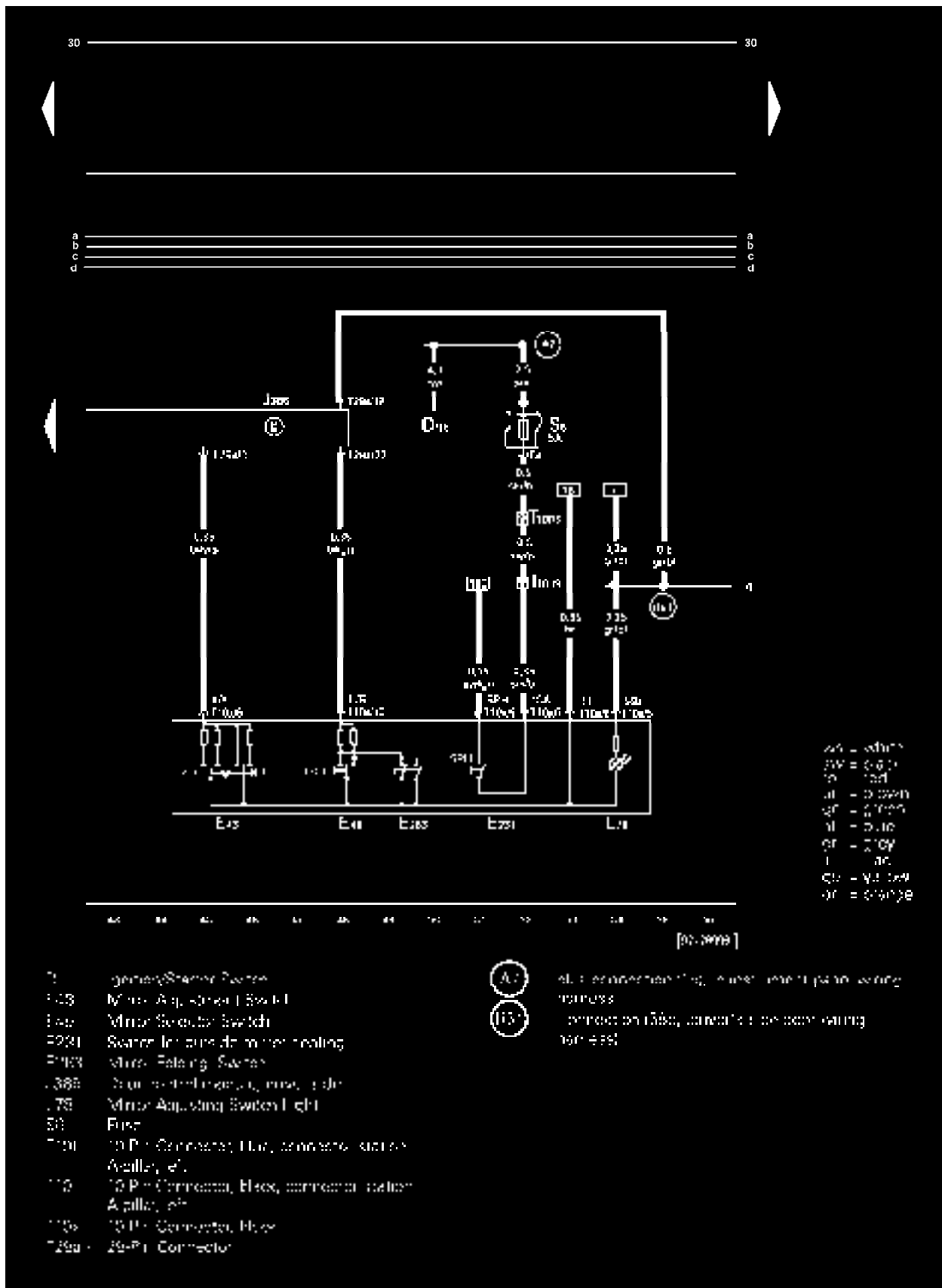
Previous Track See: Body and Frame/System Diagram/Track 15-28

Track 43-56

IMPORTANT NOTE

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Track 43-56

Next Track See: Body and Frame/System Diagram/Track 57-70

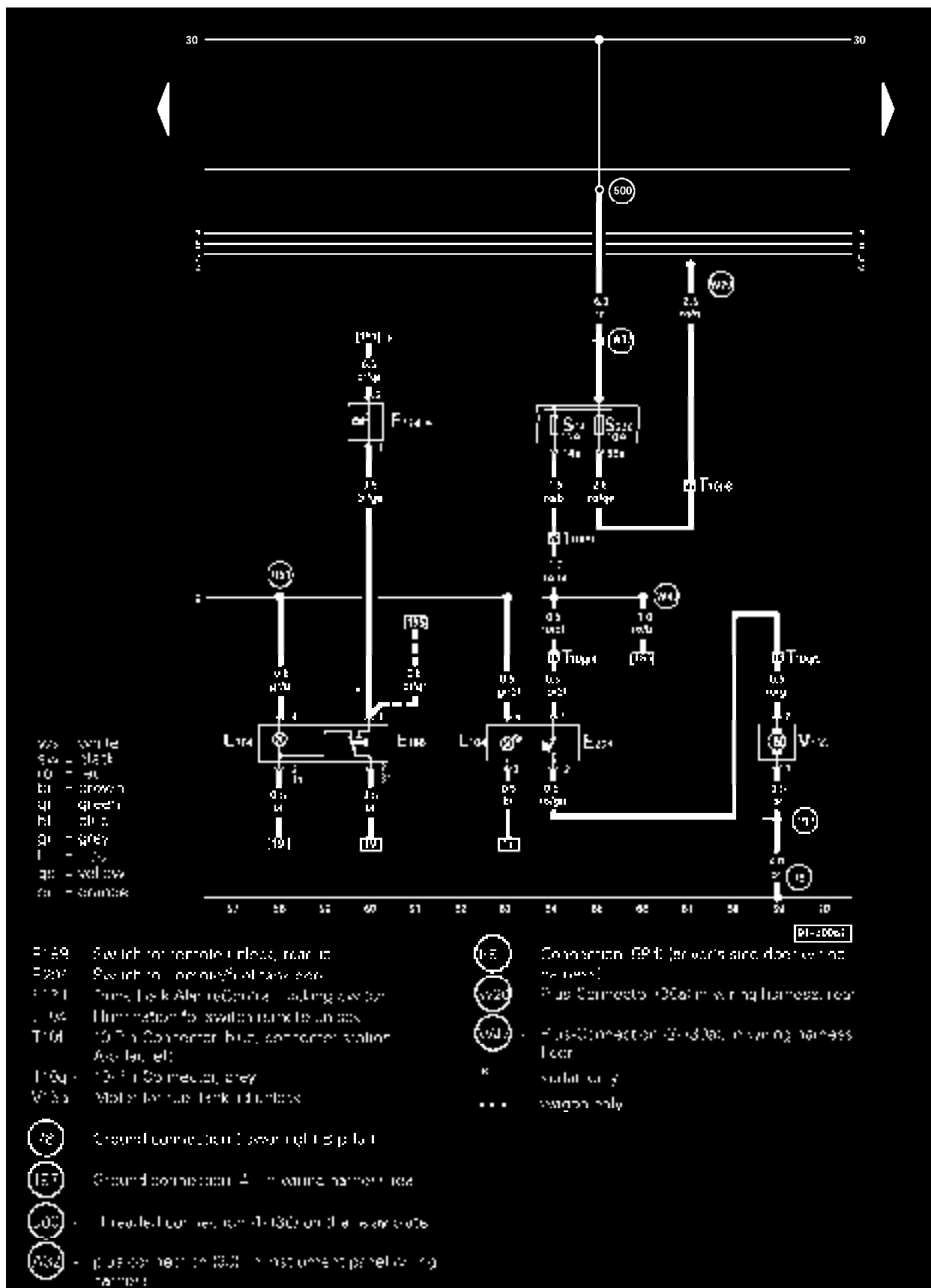
Previous Track See: Body and Frame/System Diagram/Track 29-42

Track 57-70

IMPORTANT NOTE

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Track 57-70

Next Track See: Body and Frame/System Diagram/Track 71-84

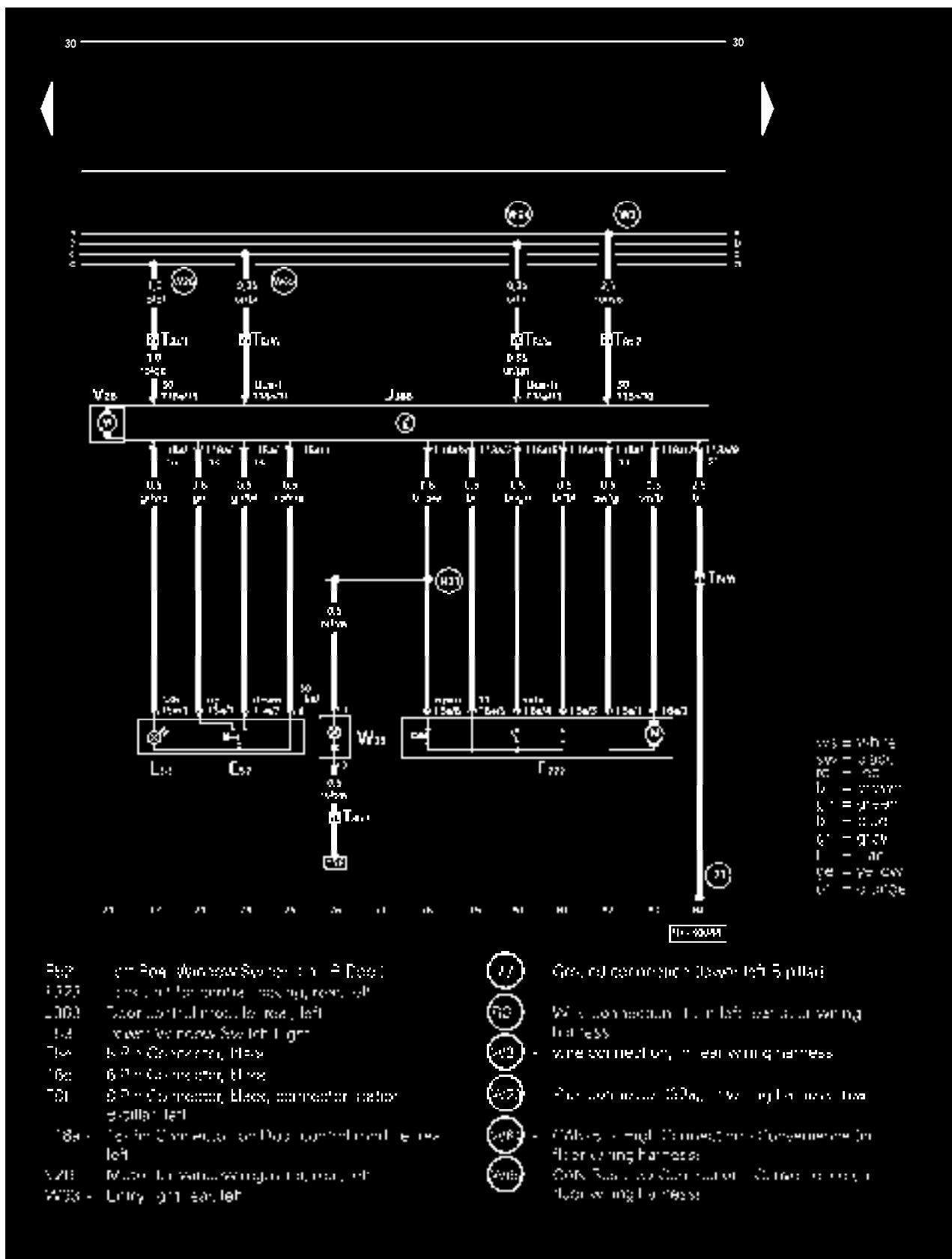
Previous Track See: Body and Frame/System Diagram/Track 43-56

Track 71-84

IMPORTANT NOTE

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Track 71-84

Next Track See: Body and Frame/System Diagram/Track 85-98

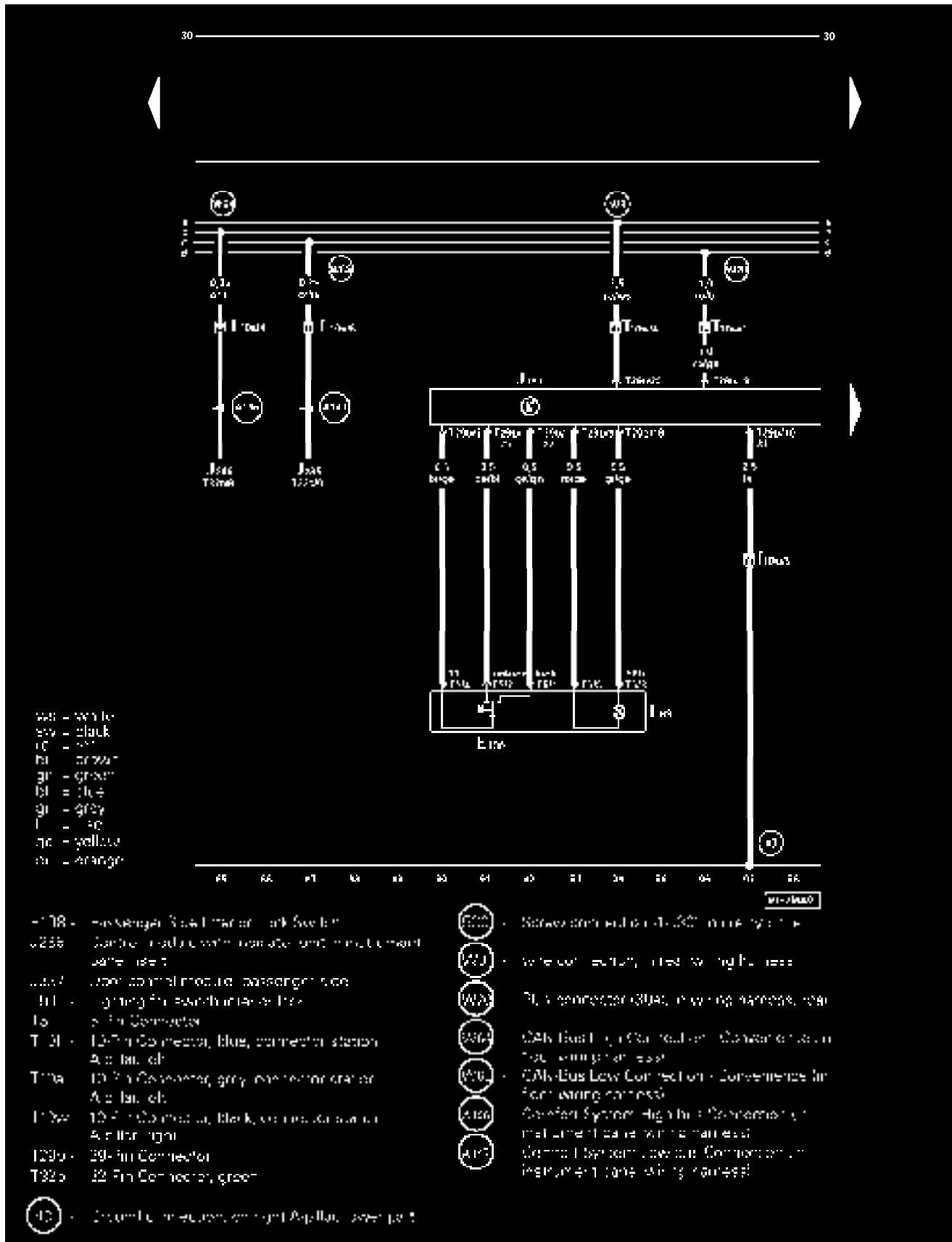
Previous Track See: Body and Frame/System Diagram/Track 57-70

Track 85-98

IMPORTANT NOTE

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Track 85-98

Next Track See: Body and Frame/System Diagram/Track 99-112

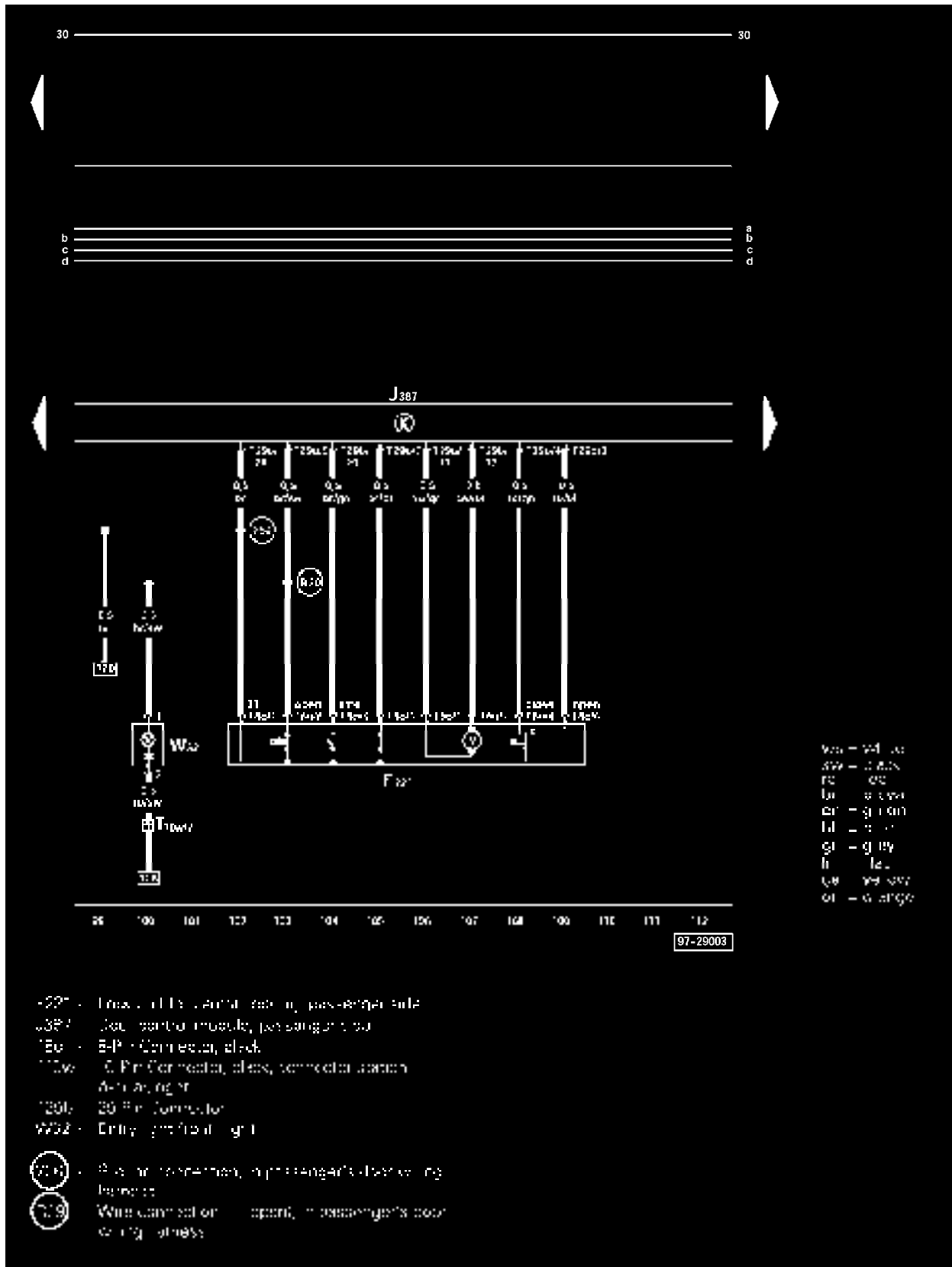
Previous Track See: Body and Frame/System Diagram/Track 71-84

Track 99-112

IMPORTANT NOTE

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Next Track See: Body and Frame/System Diagram/Track 113-126

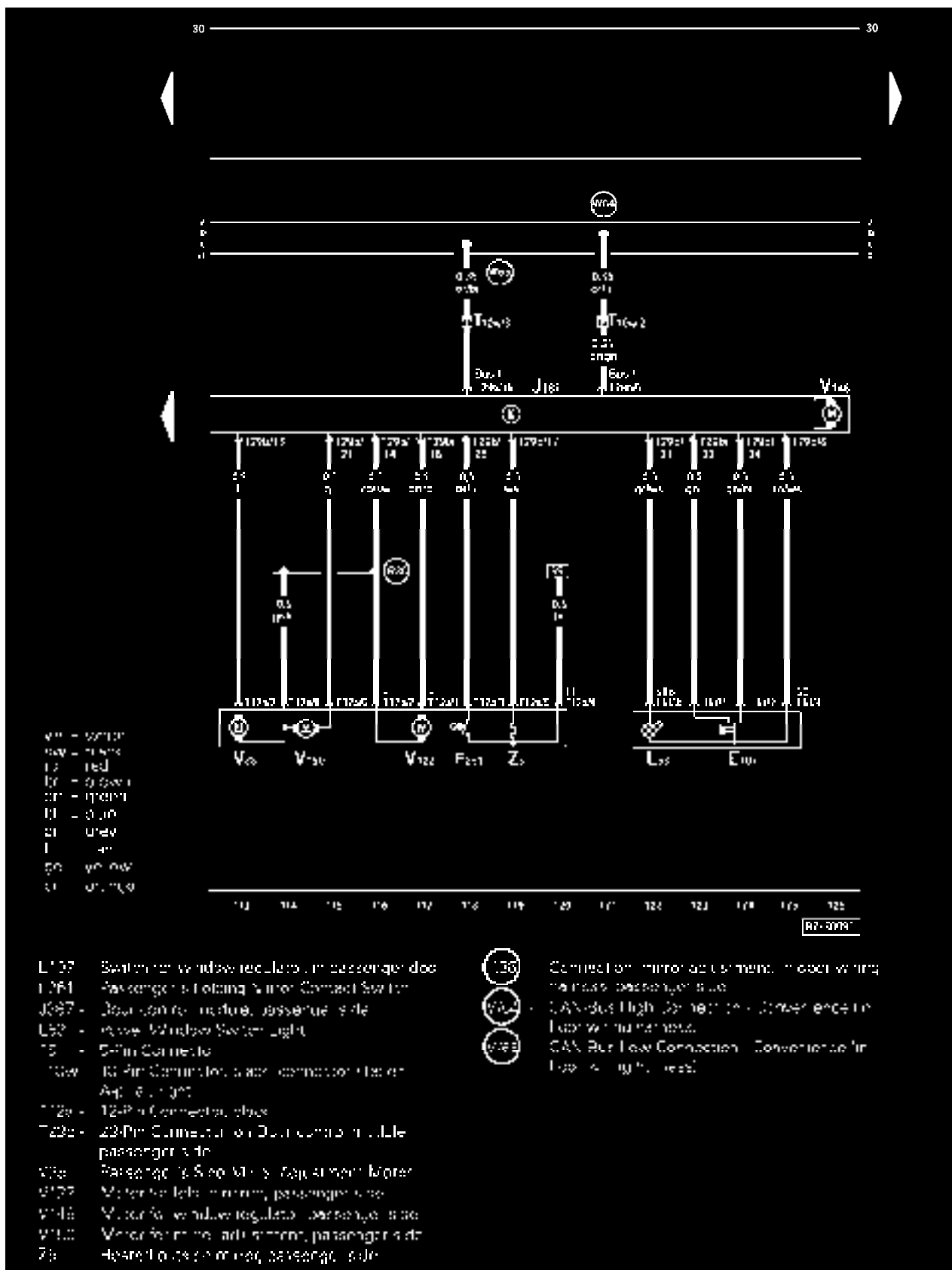
Previous Track See: Body and Frame/System Diagram/Track 85-98

Track 113-126

IMPORTANT NOTE

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Track 113-126

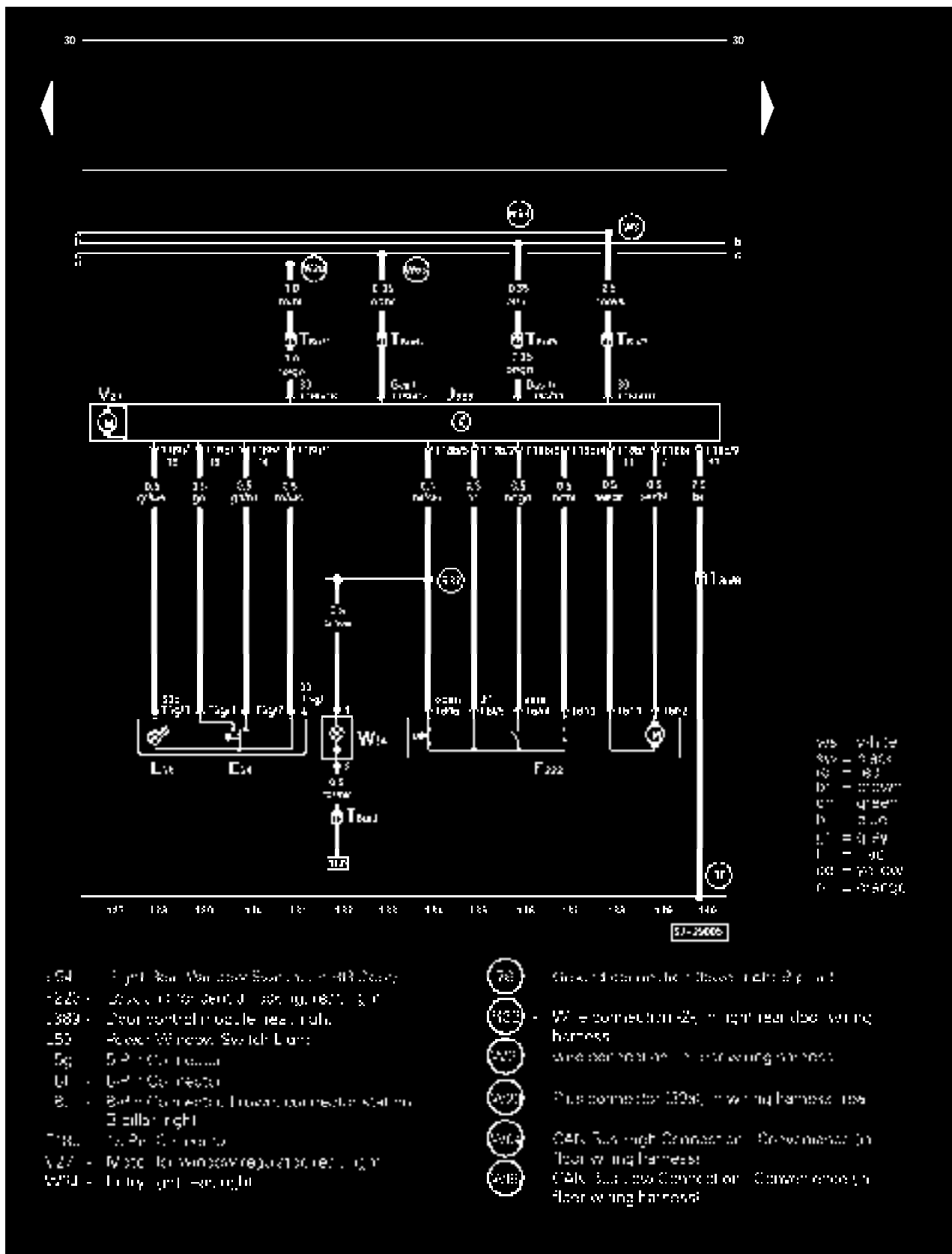
Next Track See: Body and Frame/System Diagram/Track 127-140

Previous Track See: Body and Frame/System Diagram/Track 99-112

Track 127-140**IMPORTANT NOTE**

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Track 127-140

Next Track See: Body and Frame/System Diagram/Track 141-154

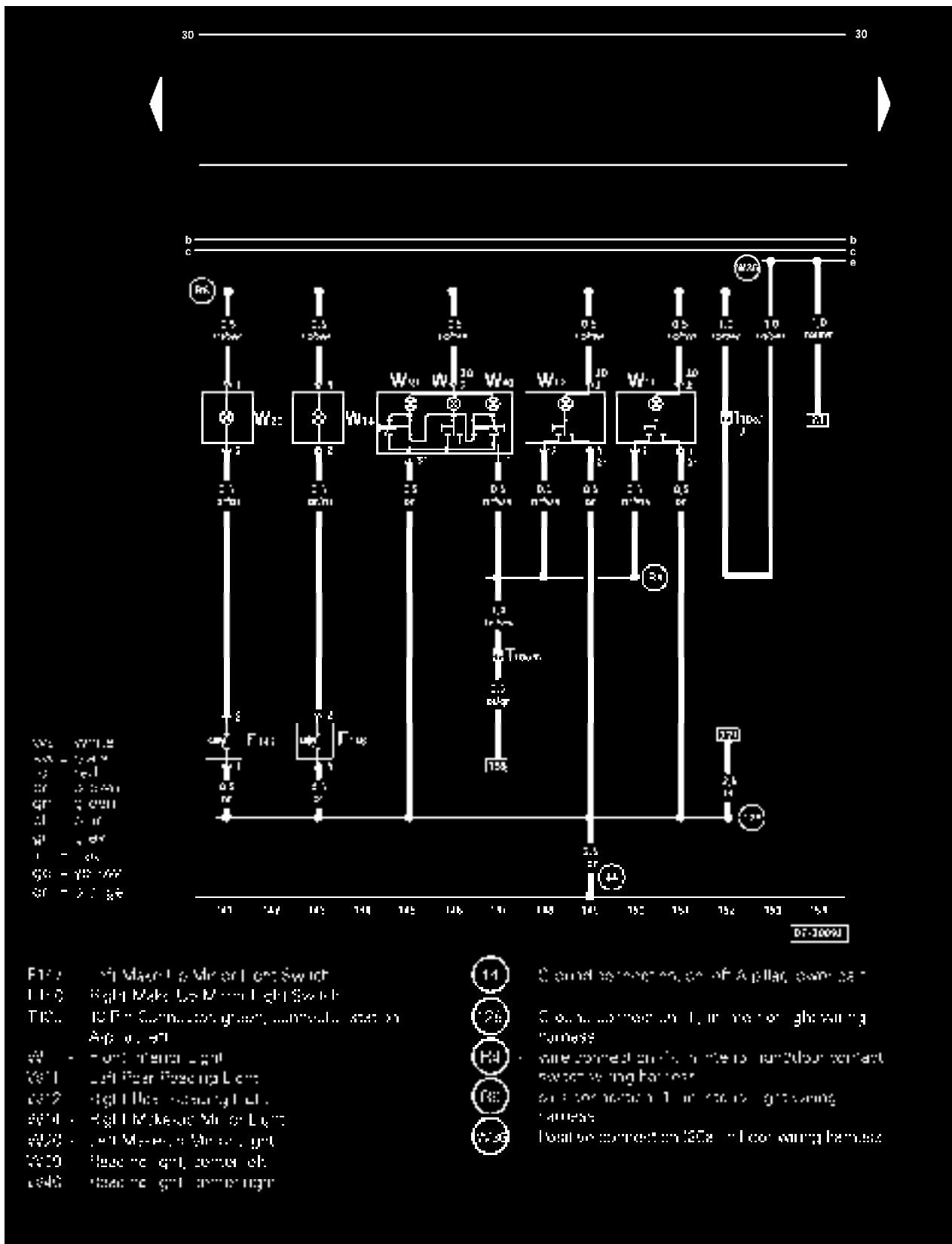
Previous Track See: Body and Frame/System Diagram/Track 113-126

Track 141-154

IMPORTANT NOTE

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Track 141-154

Next Track See: Body and Frame/System Diagram/Track 155-168

Previous Track See: Body and Frame/System Diagram/Track 127-140

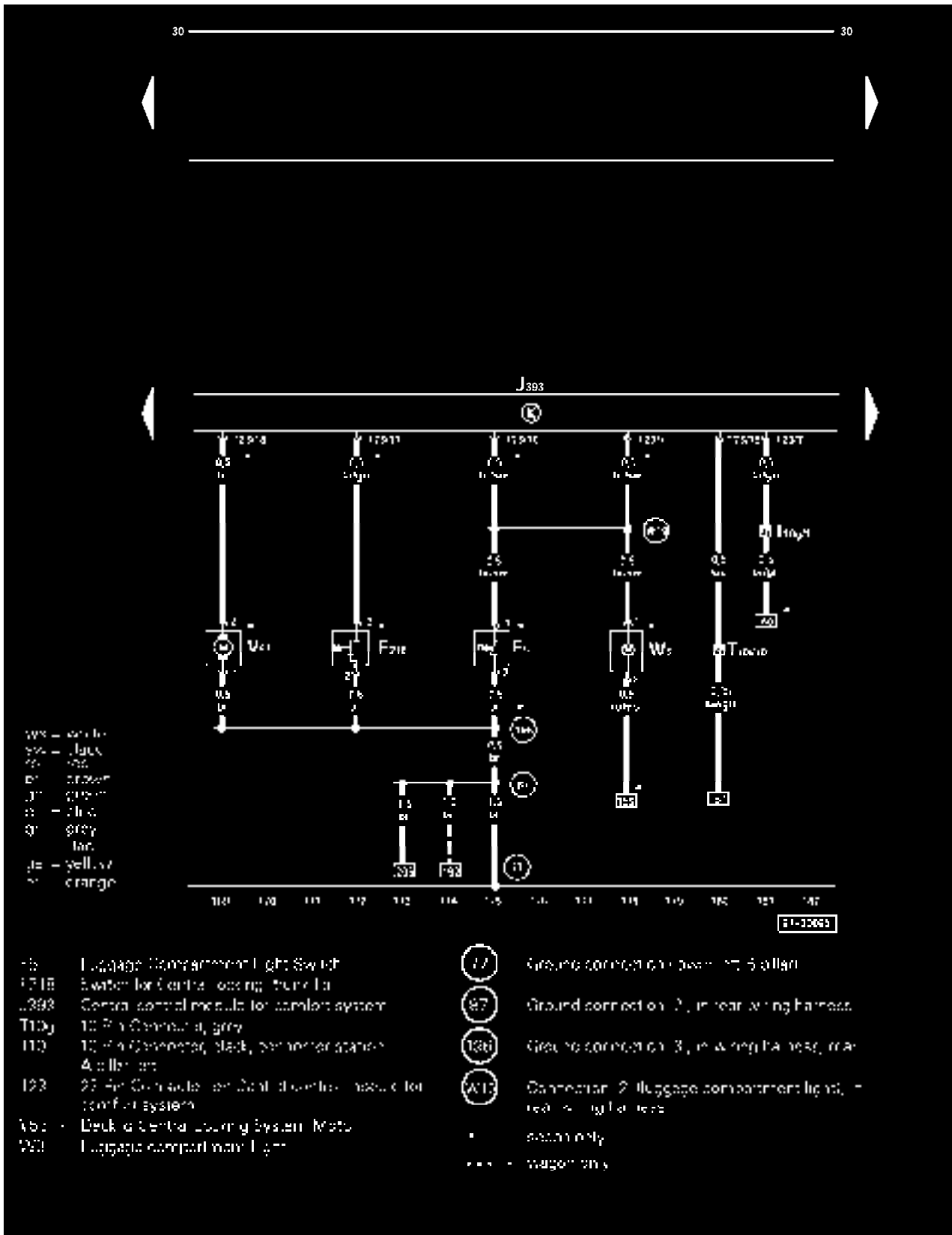
Track 155-168

IMPORTANT NOTE

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Track 169-182

Next Track See: Body and Frame/System Diagram/Track 183-196

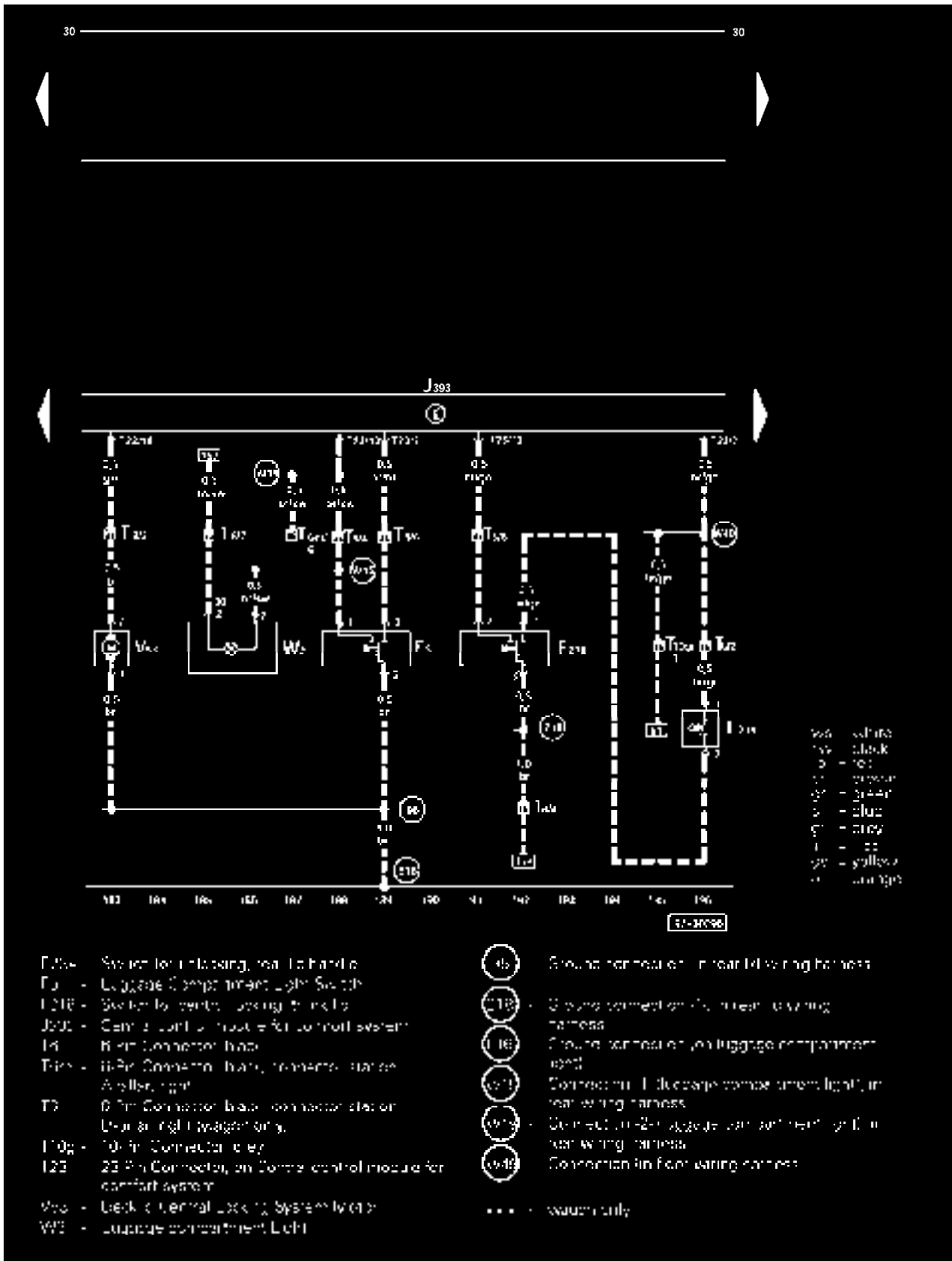
Previous Track See: Body and Frame/System Diagram/Track 155-168

Track 183-196

IMPORTANT NOTE

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Track 183-196

Next Track See: Body and Frame/System Diagram/Track 197-210

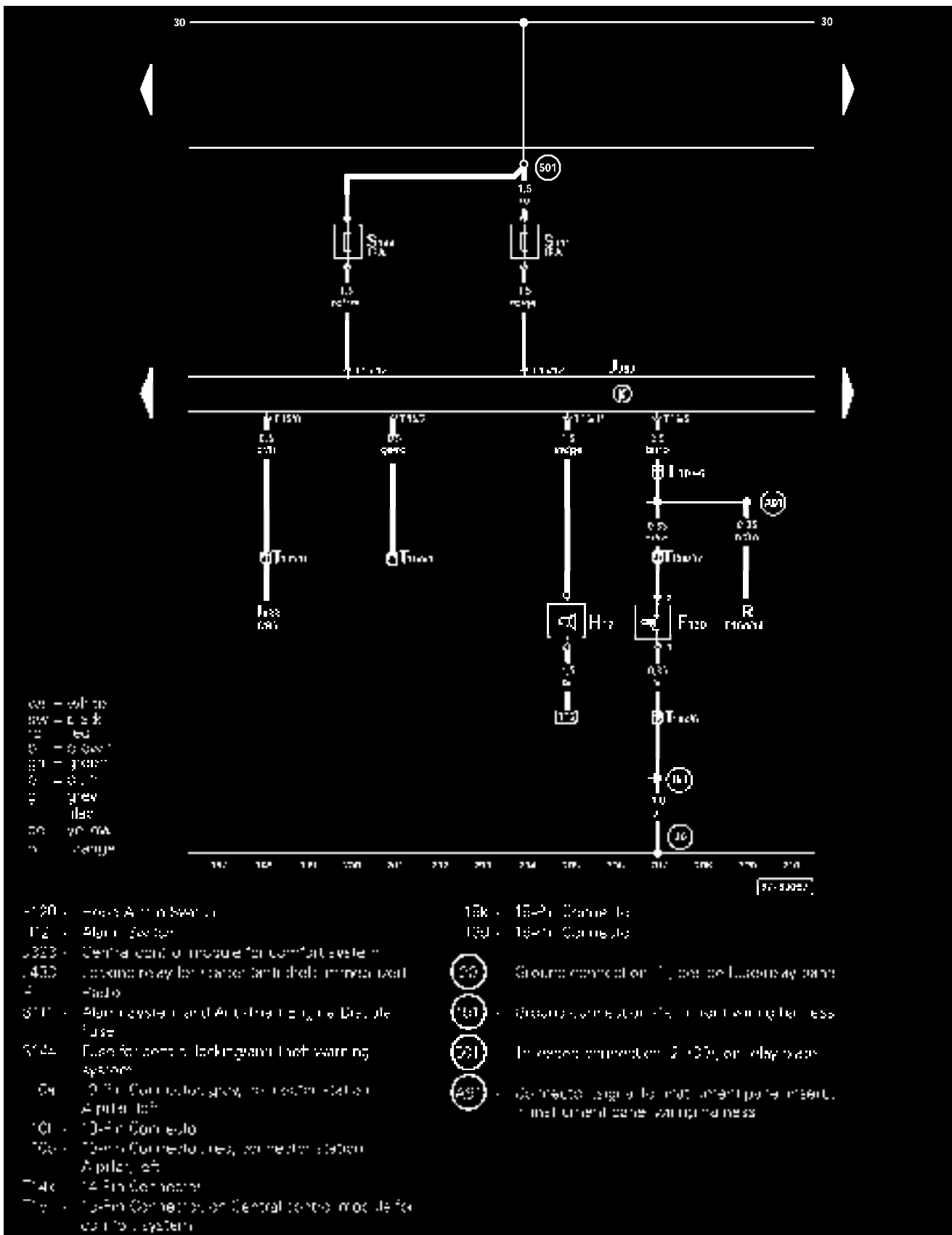
Previous Track See: Body and Frame/System Diagram/Track 169-182

Track 197-210

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Next Track See: Body and Frame/System Diagram/Track 211-224

Previous Track See: Body and Frame/System Diagram/Track 183-196

Track 211-224

COMPONENTS	TRACKS
Back-Up Light Switch	1-14
Button for drivers, memory seat	29-42
Buttons for adjustments, driver seat	29-42
Central control module for comfort system	71-84
Door control module, driver side	43-56, 57-70
Door control module, passenger side	71-84
Driver's Backrest Adjustment Switch	29-42
Driver's seat fore/aft adjusting motor	15-28
Driver's Side Mirror Adjustment Motor	57-70
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Heated outside mirror, driver side	57-70
Heated outside mirror, passenger side	71-84
Load Reduction Relay	1-14
Lock unit for central locking, passenger side	71-84
Memory Seat Control Module	1-14, 15-28, 29-42, 43-56
Motor for fold-in mirror, driver side	57-70
Motor for fold-in mirror, passenger side	71-84
Motor for front height adjustment, driver seat	15-28
Motor for mirror adjustment, driver side	57-70
Motor for mirror adjustment, passenger side	71-84
Motor for rear height adjustment, driver seat	15-28
Motor for seatback adjustment, driver seat	1-14
Passenger's Side Mirror Adjustment Motor	71-84
Power (Memory) Seat Circuit Breaker	1-14
Seat Memory Lock-out Button	29-42
Warning light for central locking -SAFE-	57-70

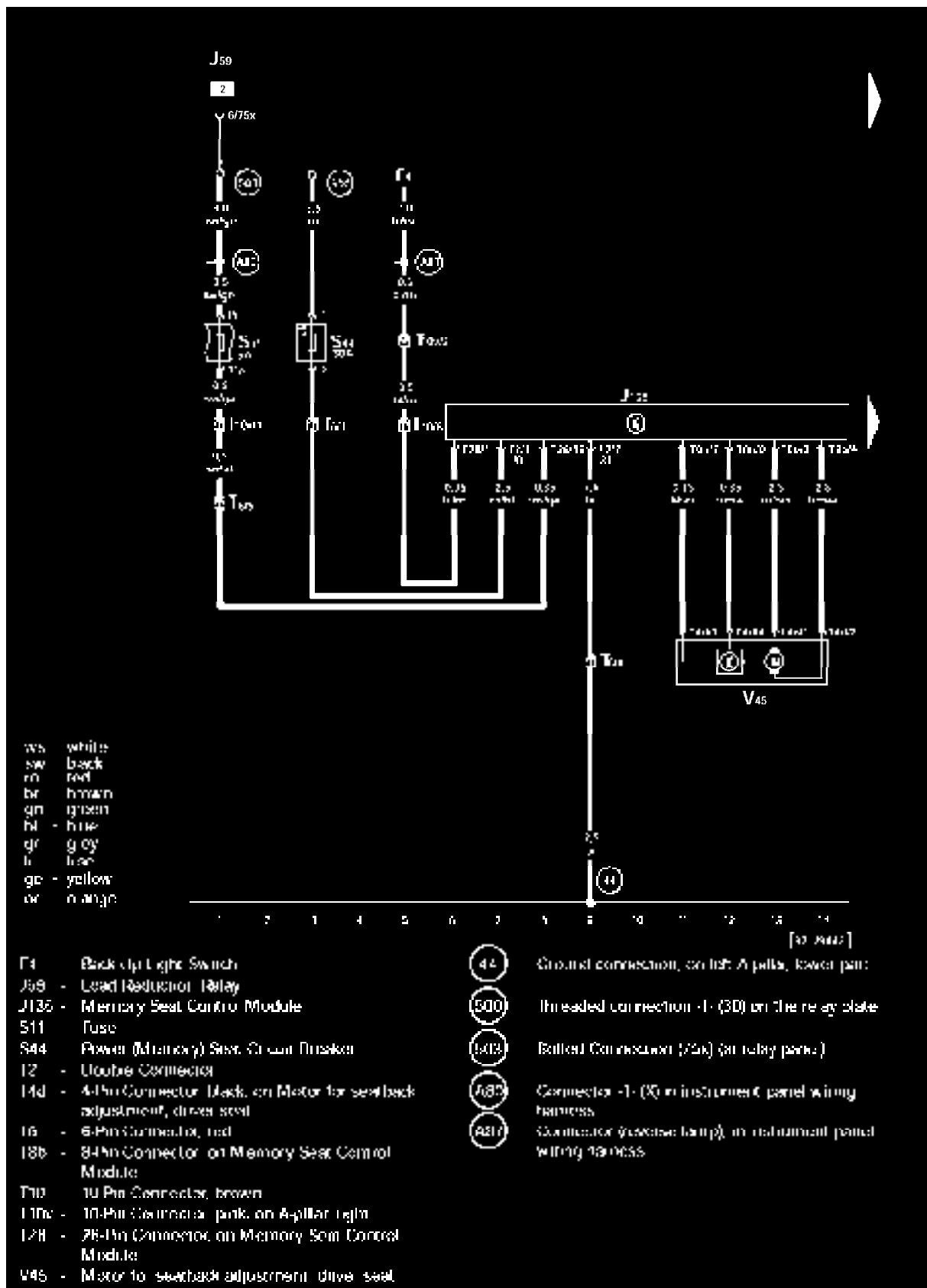
Diagram Index "Ba - Wa"

Track 1-14

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Track 1-14

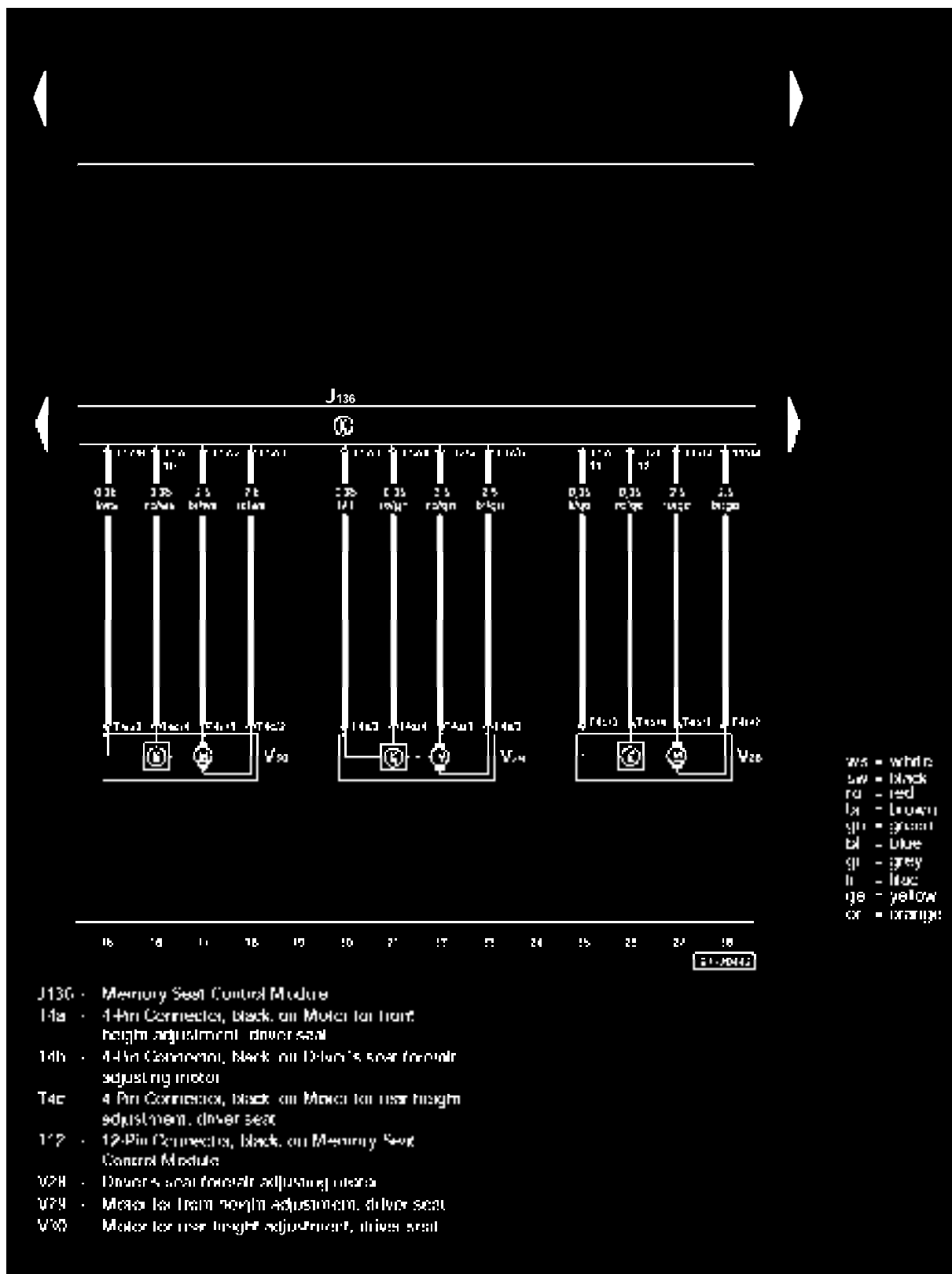
Next Track See: Body and Frame/Memory Positioning Systems/Track 15-28

Track 15-28

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Track 15-28

Next Track See: Body and Frame/Memory Positioning Systems/Track 29-42

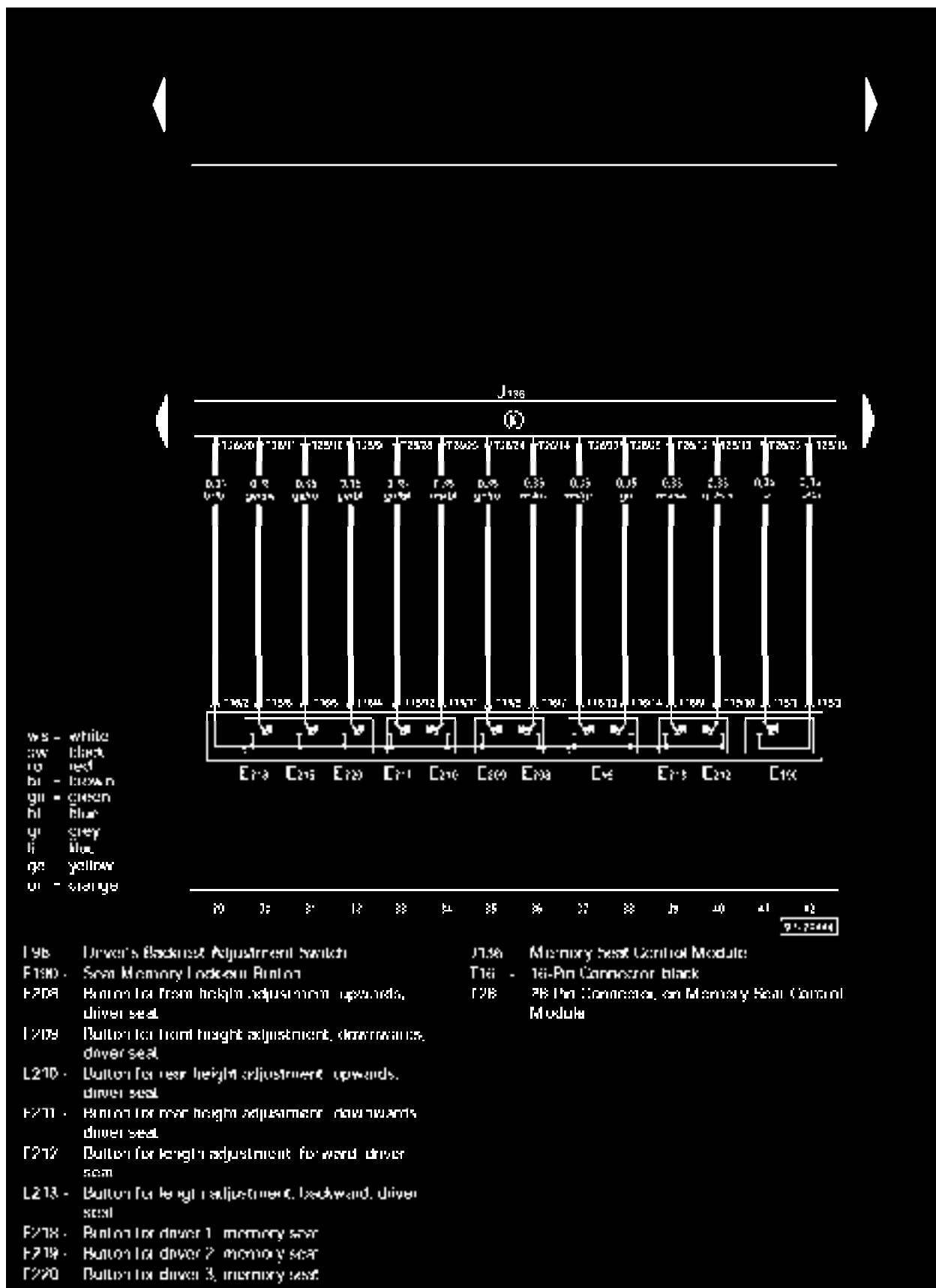
Previous Track See: Body and Frame/Memory Positioning Systems/Track 1-14

Track 29-42

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Track 29-42

Next Track See: Body and Frame/Memory Positioning Systems/Track 43-56

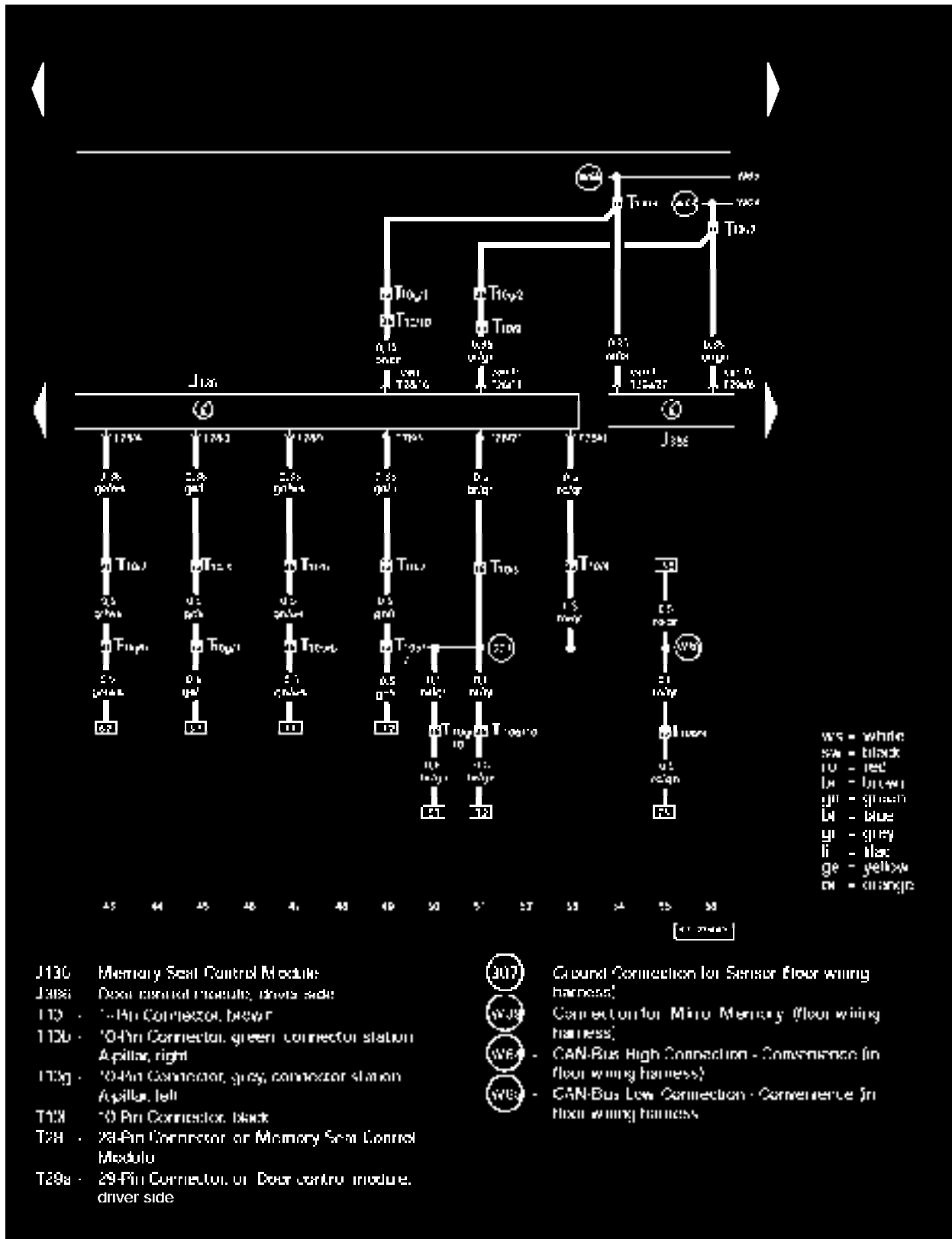
Previous Track See: Body and Frame/Memory Positioning Systems/Track 15-28

Track 43-56

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Track 43-56

Next Track See: Body and Frame/Memory Positioning Systems/Track 57-70

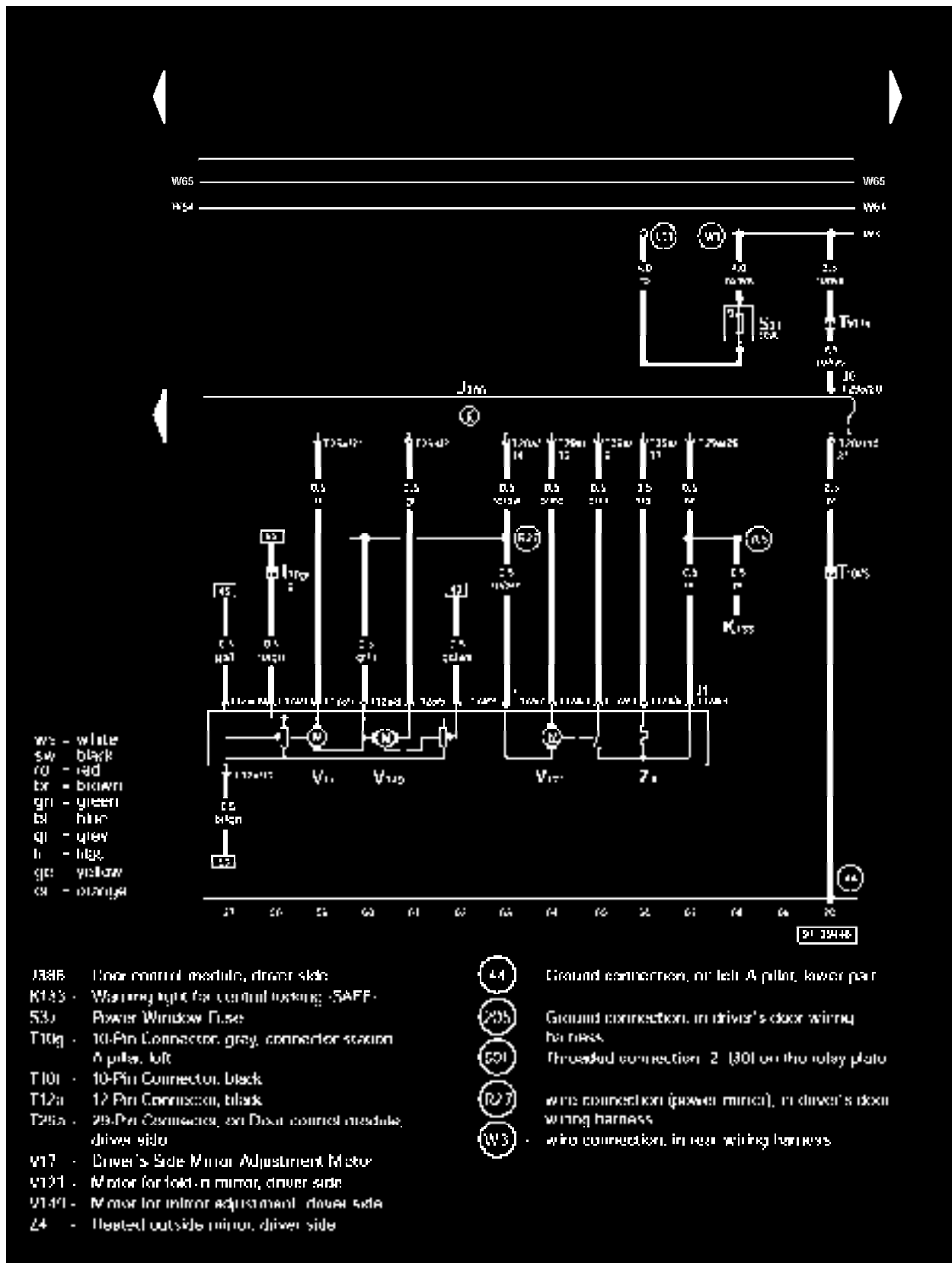
Previous Track See: Body and Frame/Memory Positioning Systems/Track 29-42

Track 57-70

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 57-70

Next Track See: Body and Frame/Memory Positioning Systems/Track 71-84

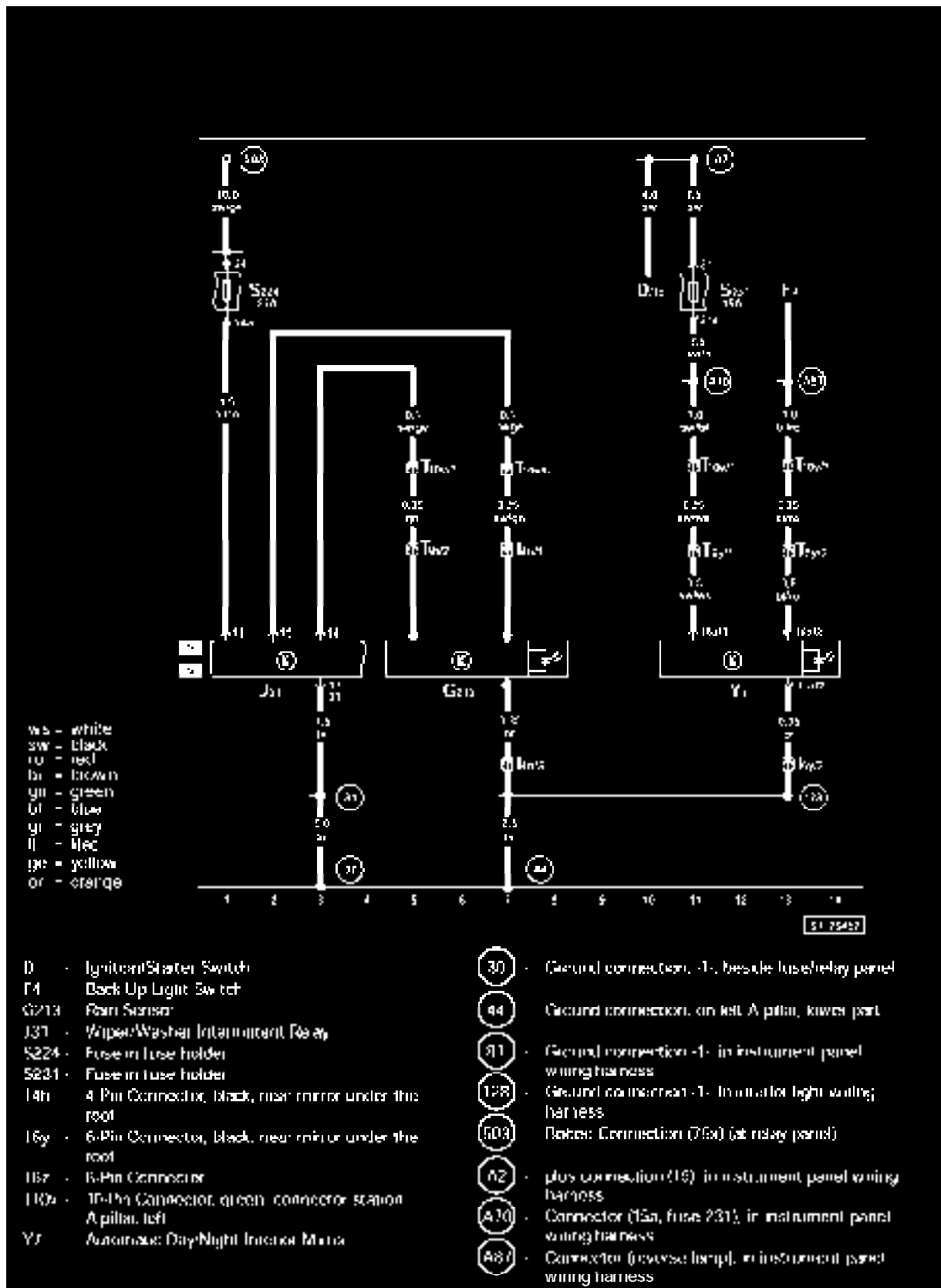
Previous Track See: Body and Frame/Memory Positioning Systems/Track 43-56

Track 71-84

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 1-14

Power Seats and Mirror Adjustment With Memory From October 2000

For further information regarding diagrams for this system please refer to Memory Positioning Systems. See: Body and Frame/Body Control Systems/Memory Positioning Systems/Diagrams/Electrical Diagrams

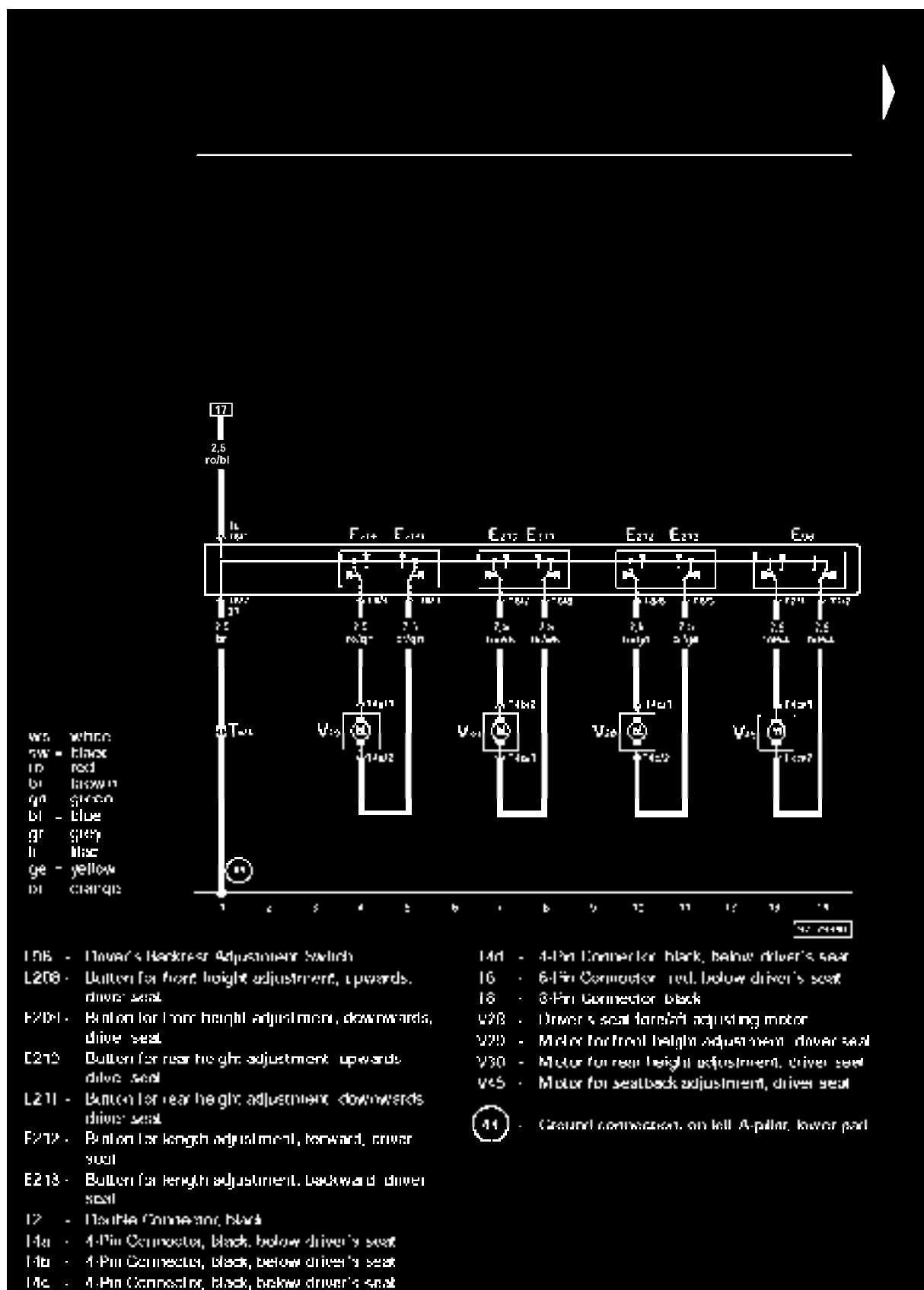
Power Seats Without Memory, From October 2000

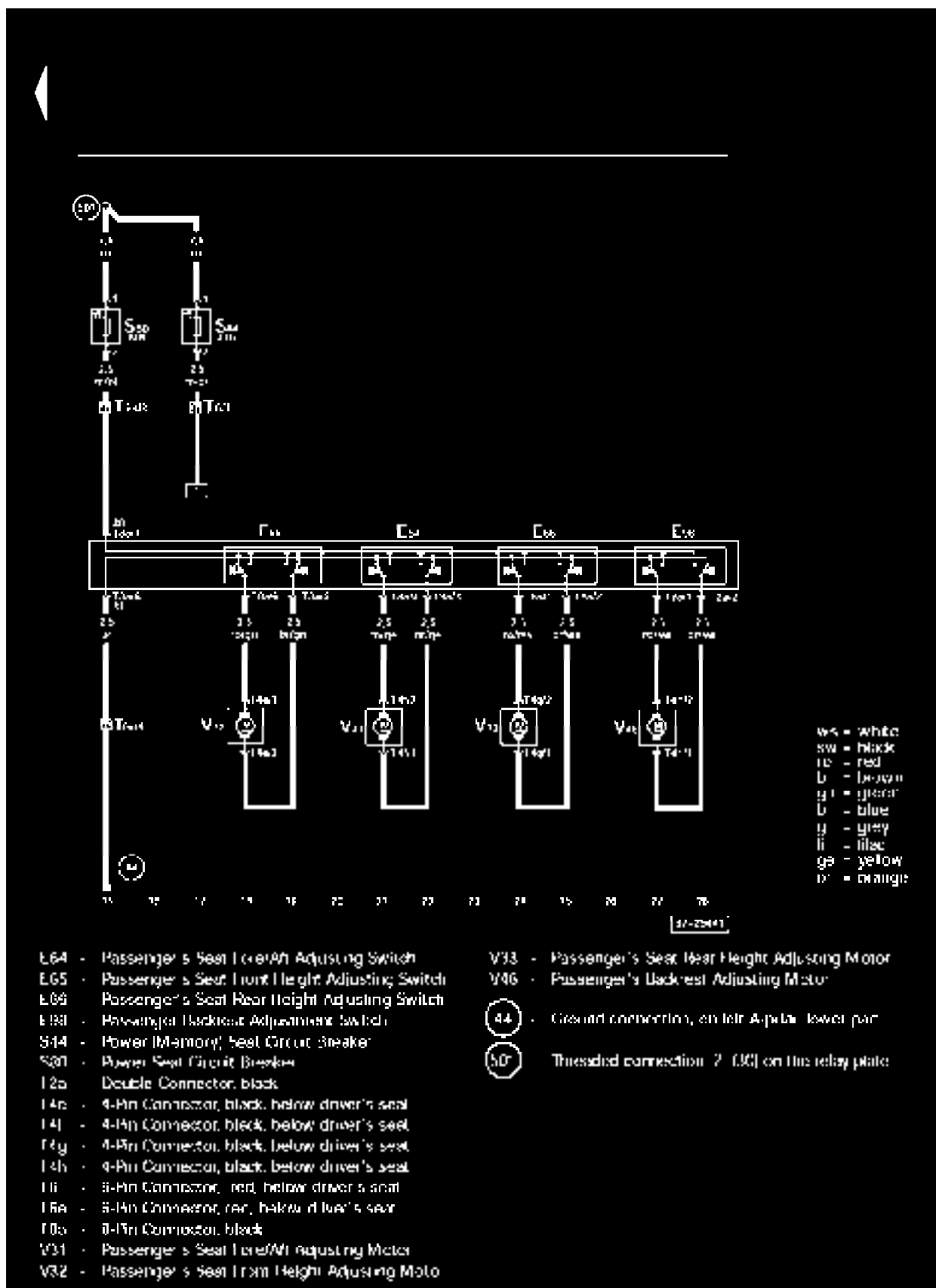
Power Seats Without Memory

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions





Track 15-28

Power Seats and Mirror Adjustment With Memory From October 2000

For further information regarding diagrams for this system please refer to Memory Positioning Systems. See: Body and Frame/Body Control Systems/Memory Positioning Systems/Diagrams/Electrical Diagrams

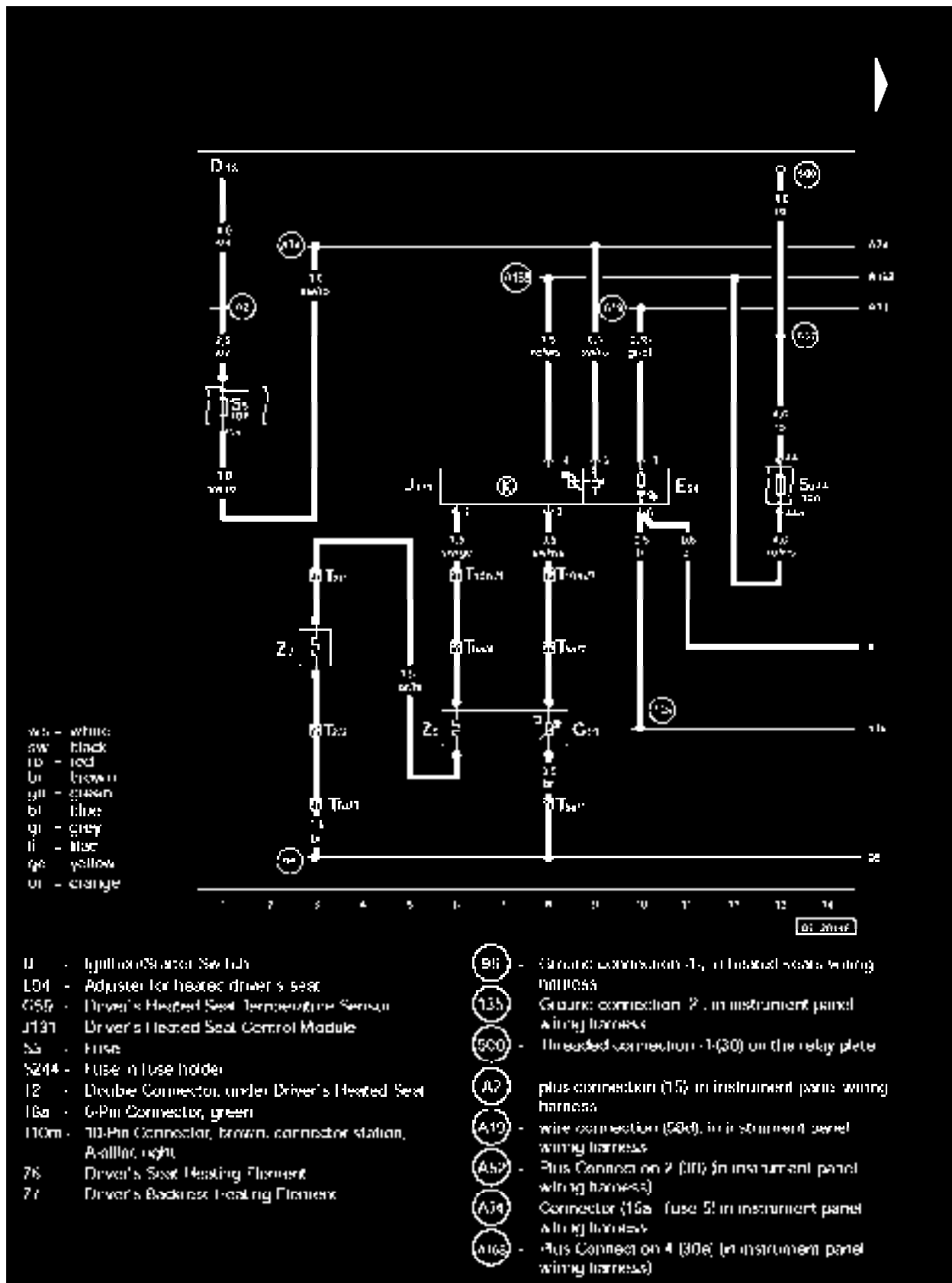
Heated Seats From October 2000

Heated Seats From October 2000

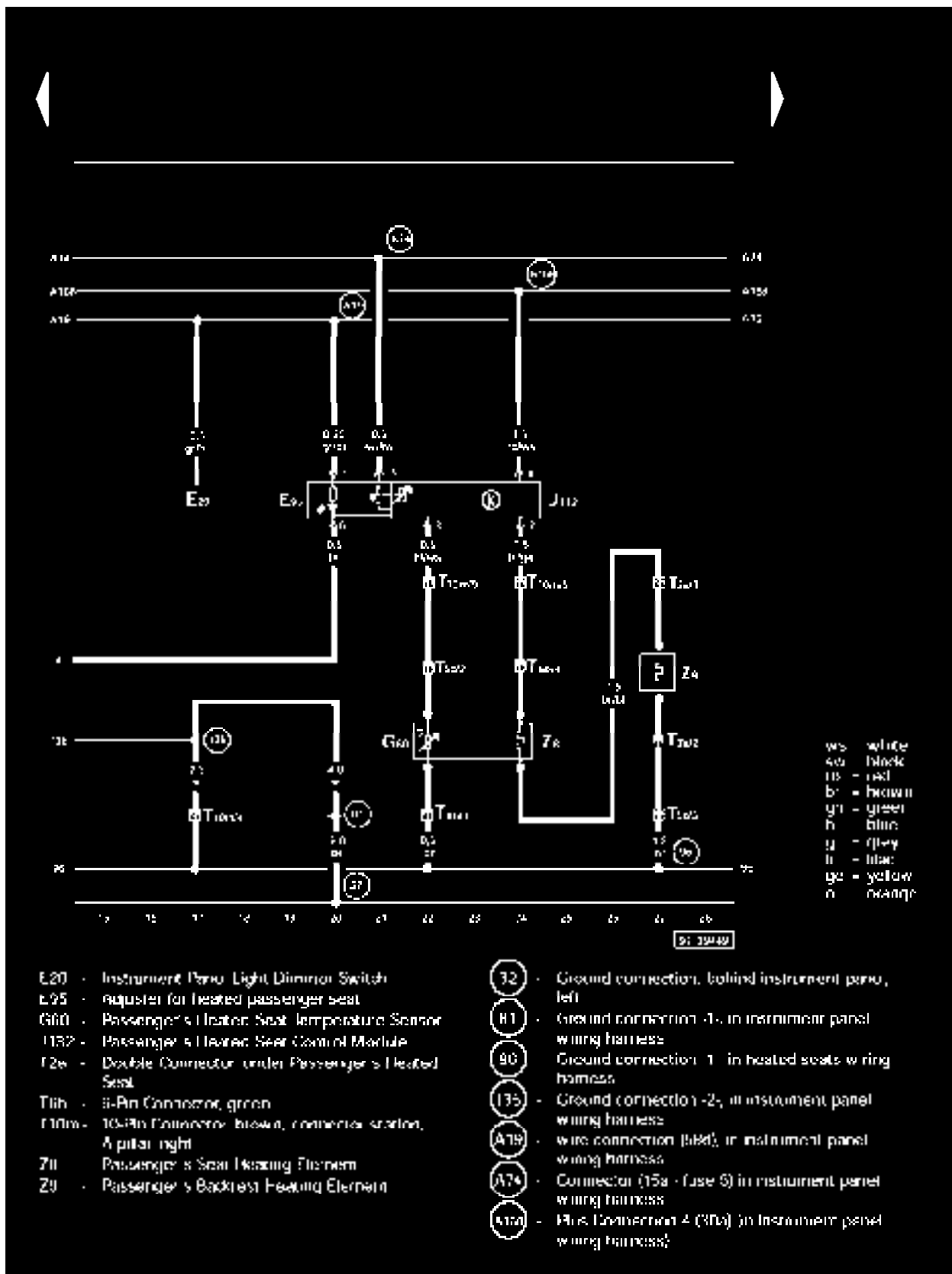
IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

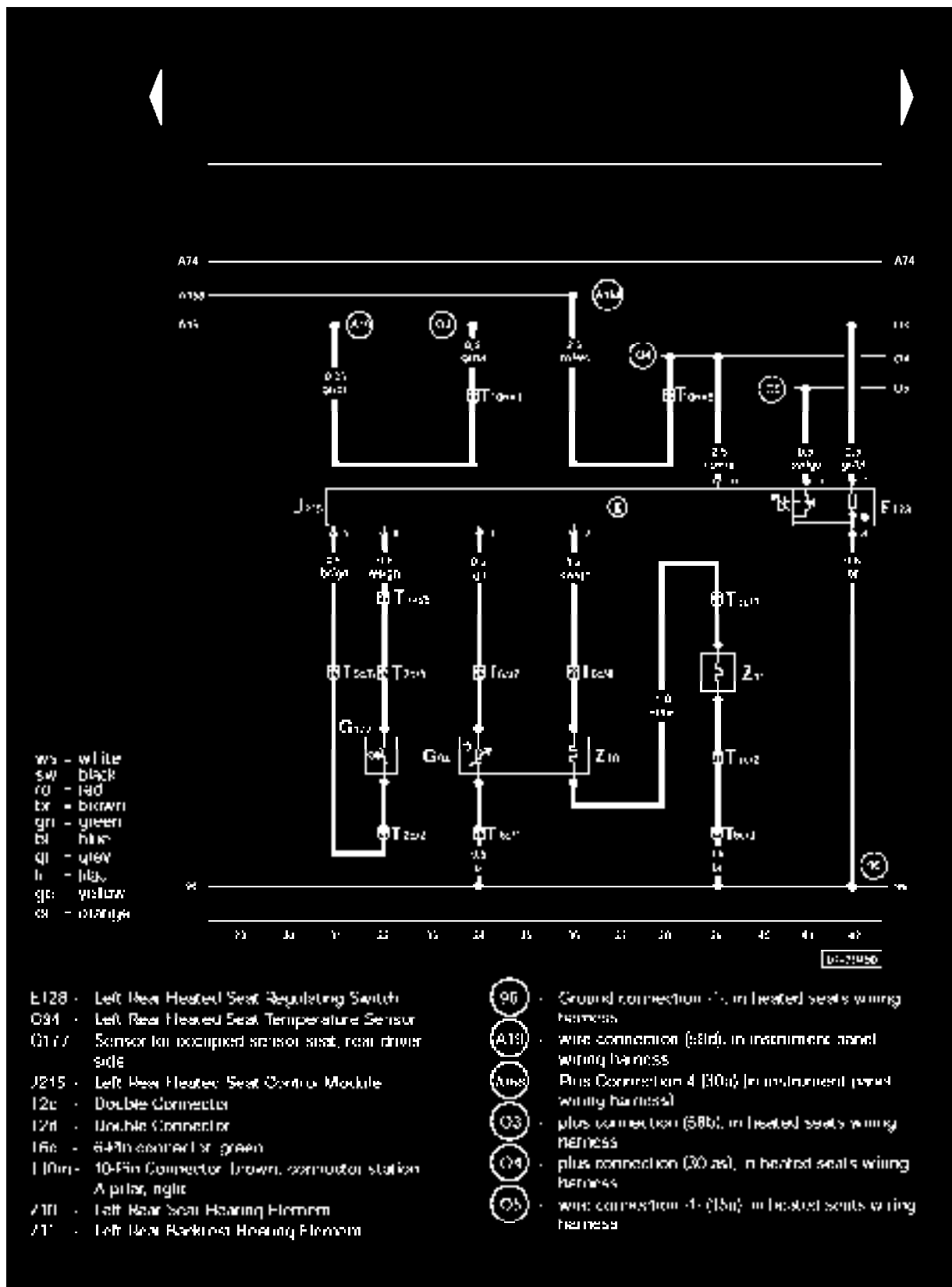
For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



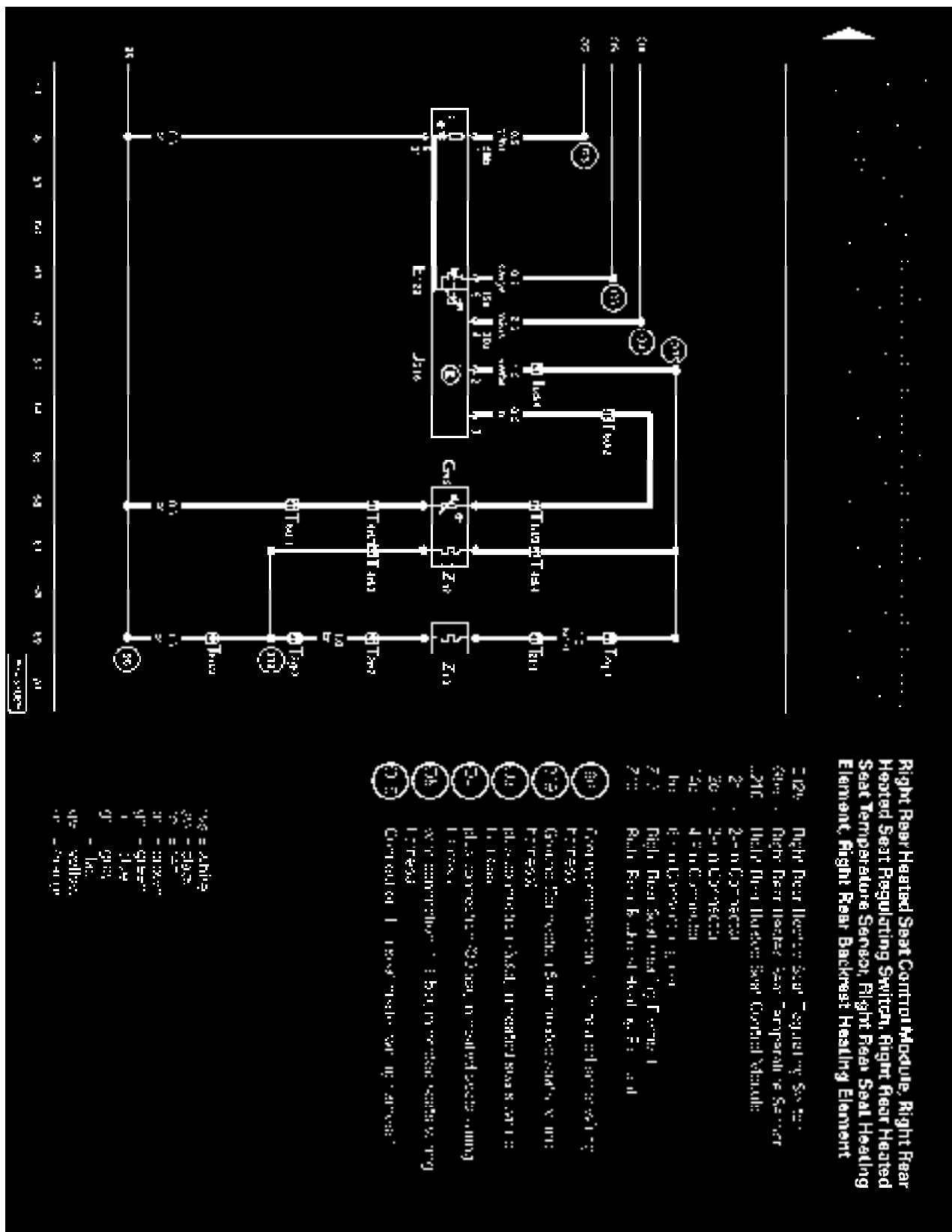
Track 1-14



Track 15-28



Track 29-42



Track 57-70

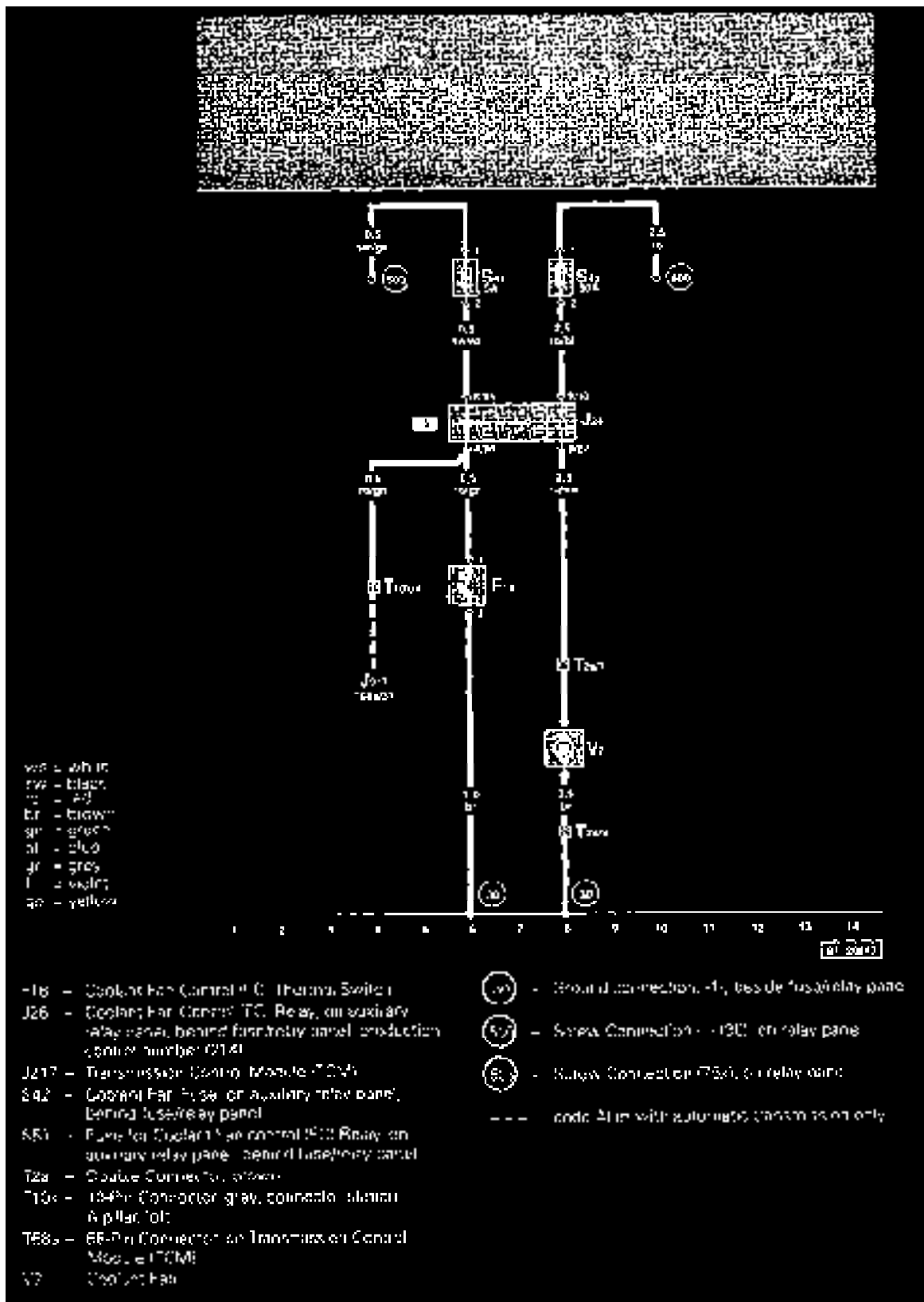
Coolant Fan, 300 W

Coolant Fan, 300 W, From September 1997

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 1-14

Standard Equipment

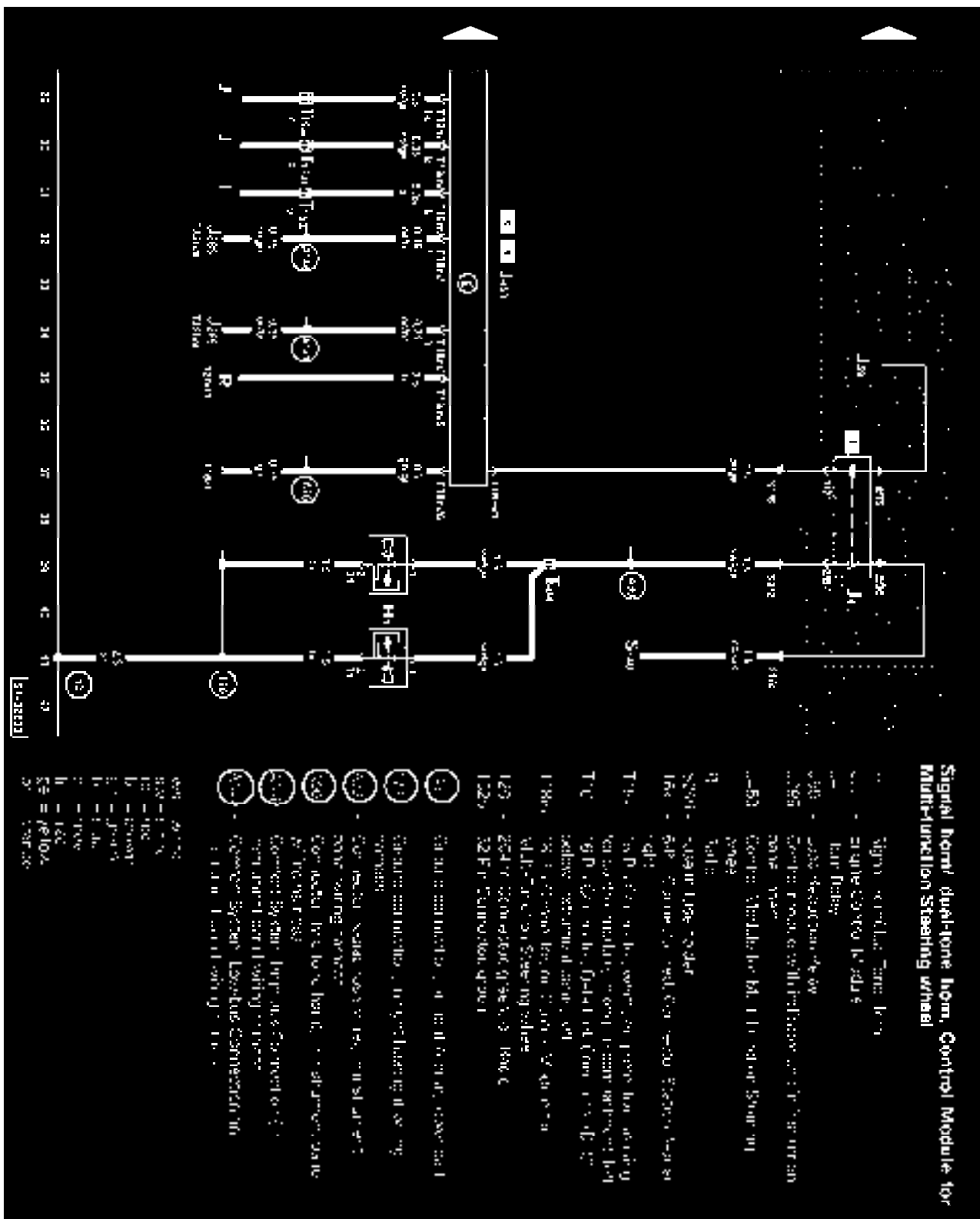
For further information regarding diagrams for this system please refer to Powertrain Management Diagrams. See: Powertrain Management/Diagrams/Electrical Diagrams

Multifunction Steering Wheel From May 2000

Multi-Function Steering Wheel, from May 2000

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.



Track 29-42

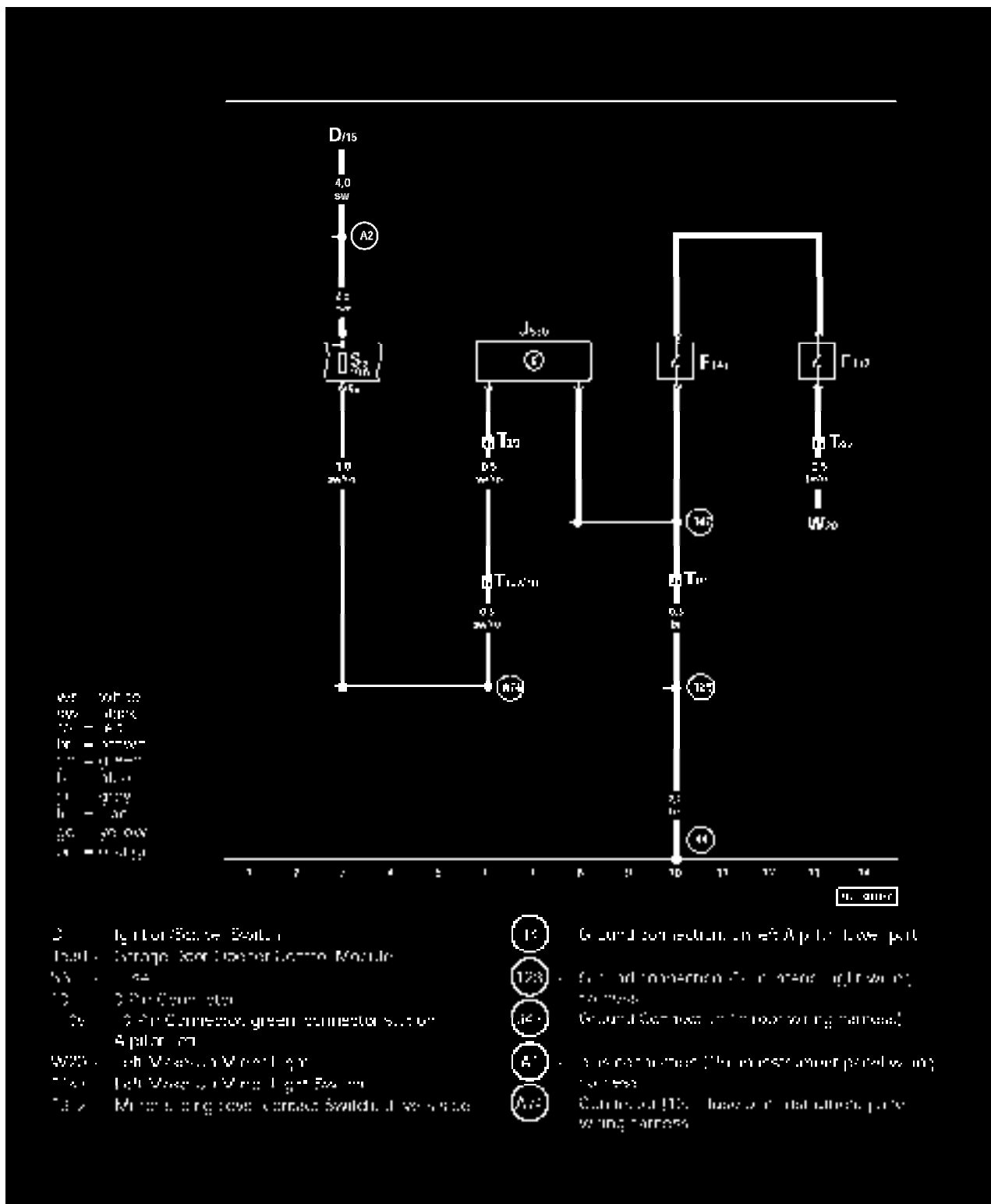
Garage Door Opener Transmitter

Garage Door Opener - Home Link © From October 2000

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 1-14

Heated Glass Element

For further information regarding diagrams for this system please refer to Power and Ground Distribution Diagrams. See: Power and Ground Distribution/Diagrams/Electrical Diagrams

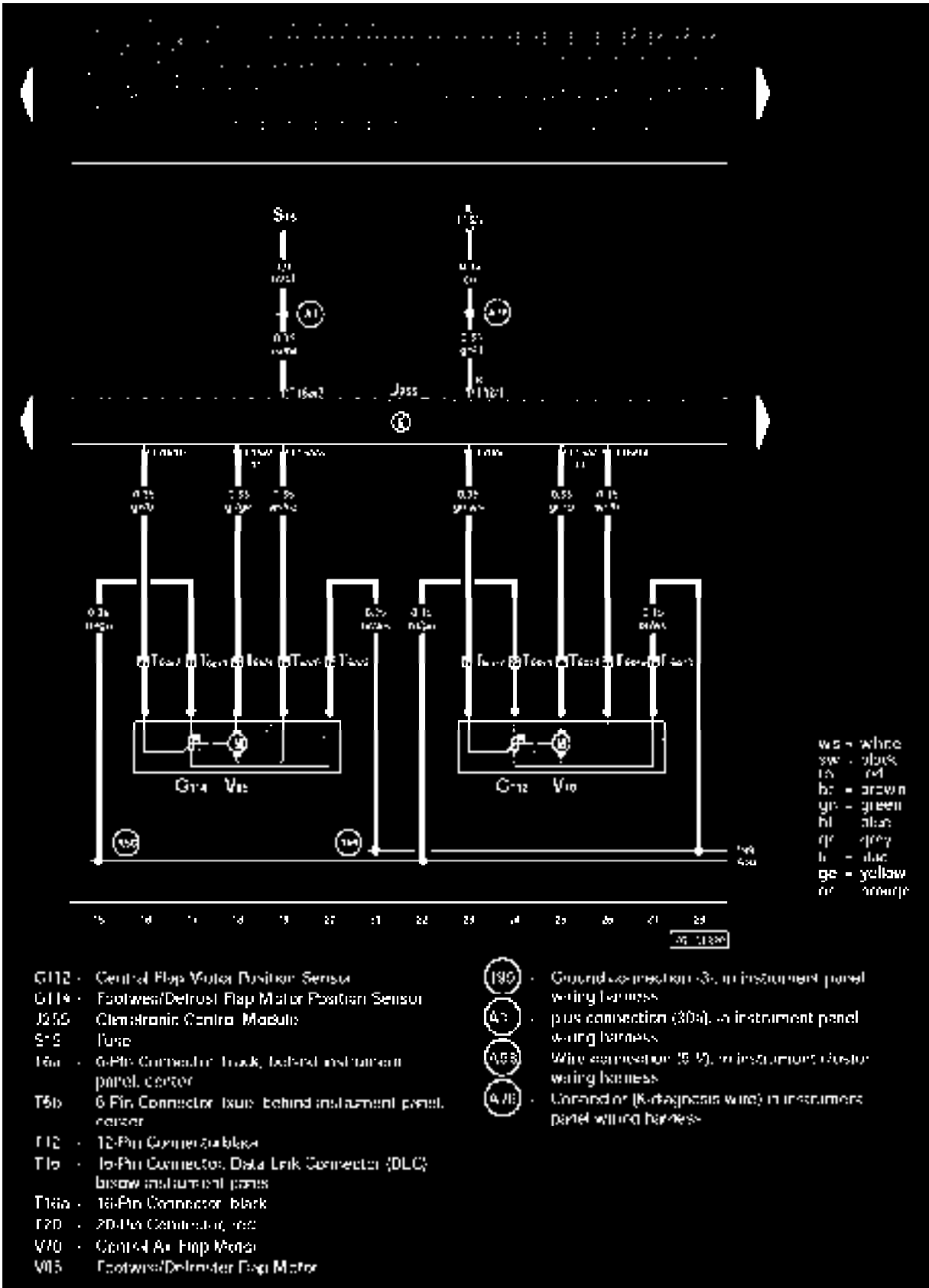
Heating and Air Conditioning

Climatronic
 4.0L - Engine - Motronic Multiport Fuel Injection (MFI)/202 kW, from January 2002

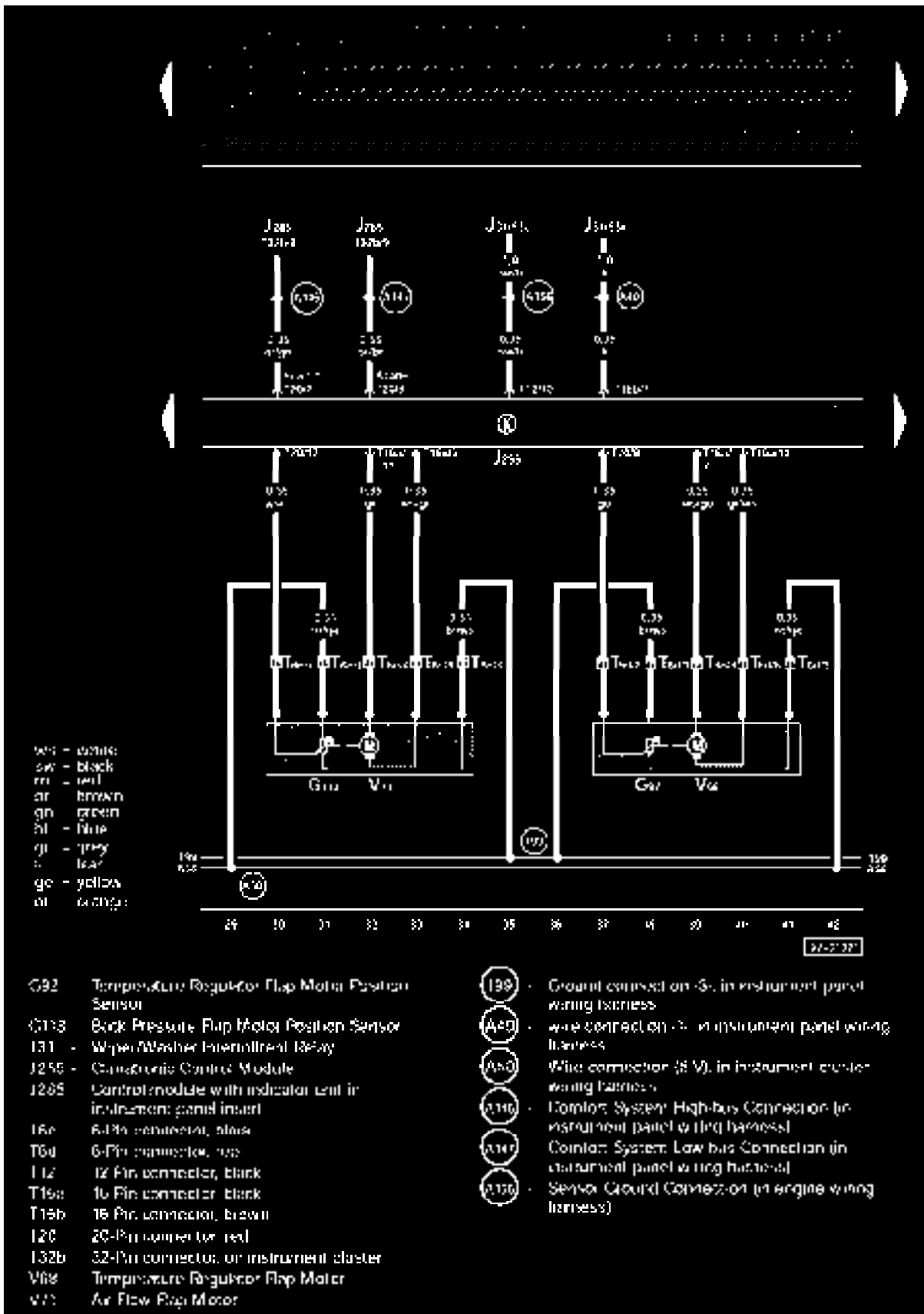
IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

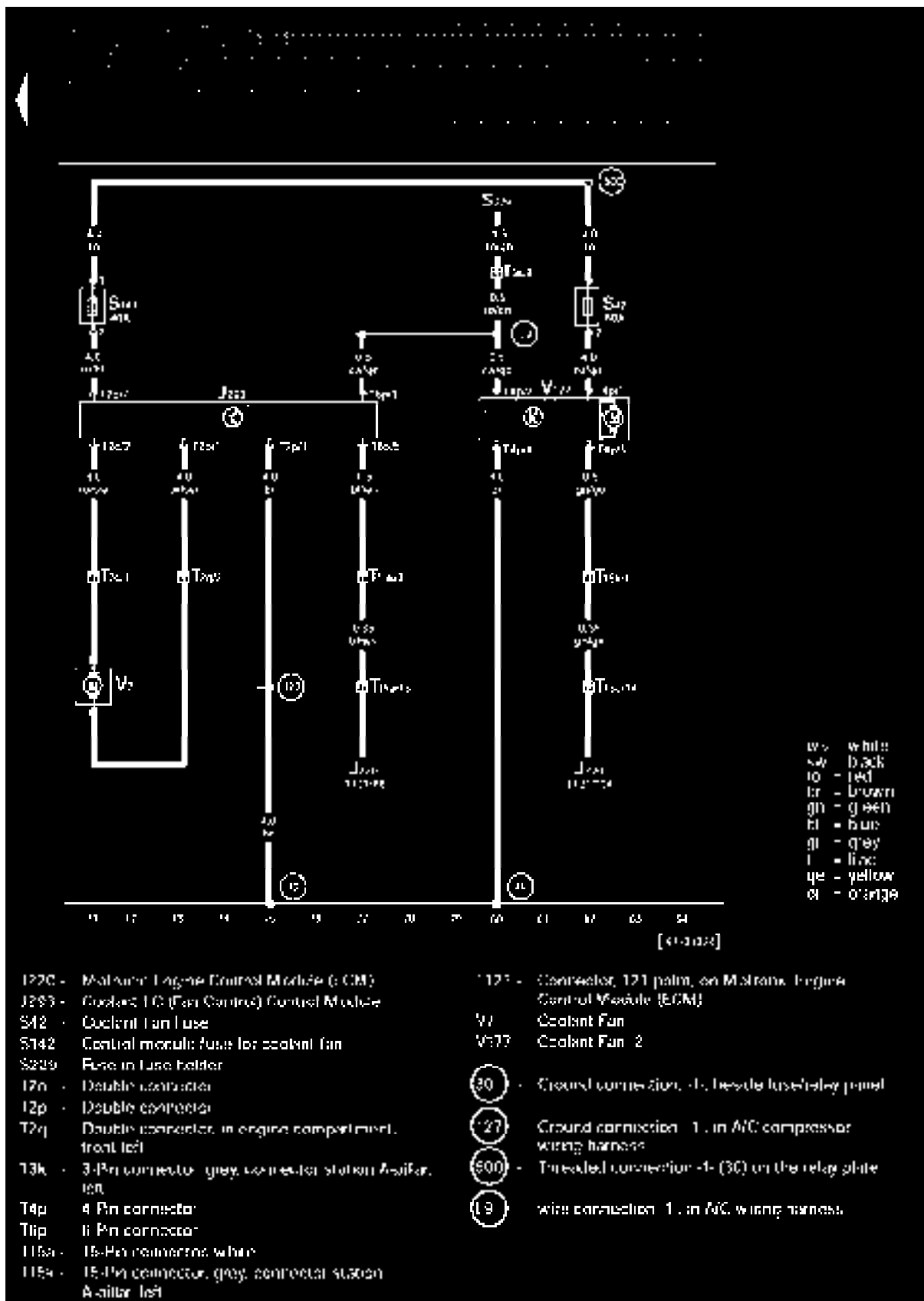
For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 15-28



Track 29-42



Track 71-84

Instrument Panel, Gauges and Warning Indicators

For further information regarding diagrams for this system please refer to Power and Ground Distribution Diagrams. See: Power and Ground Distribution/Diagrams/Electrical Diagrams

System Diagram

For further information regarding diagrams for this system please refer to Power and Ground Distribution Diagrams. See: Power and Ground Distribution/Diagrams/Electrical Diagrams

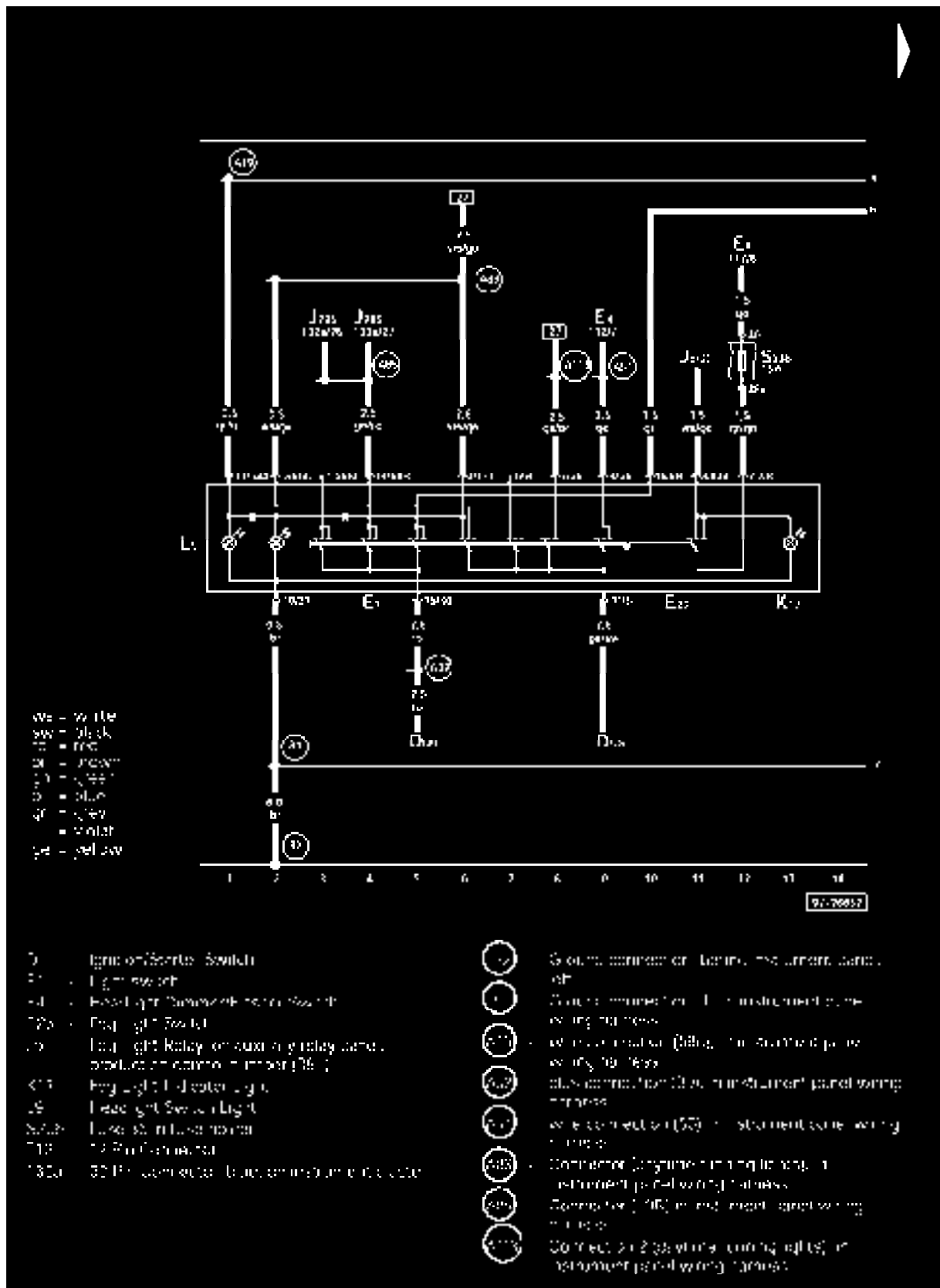
Daytime Running Lamp

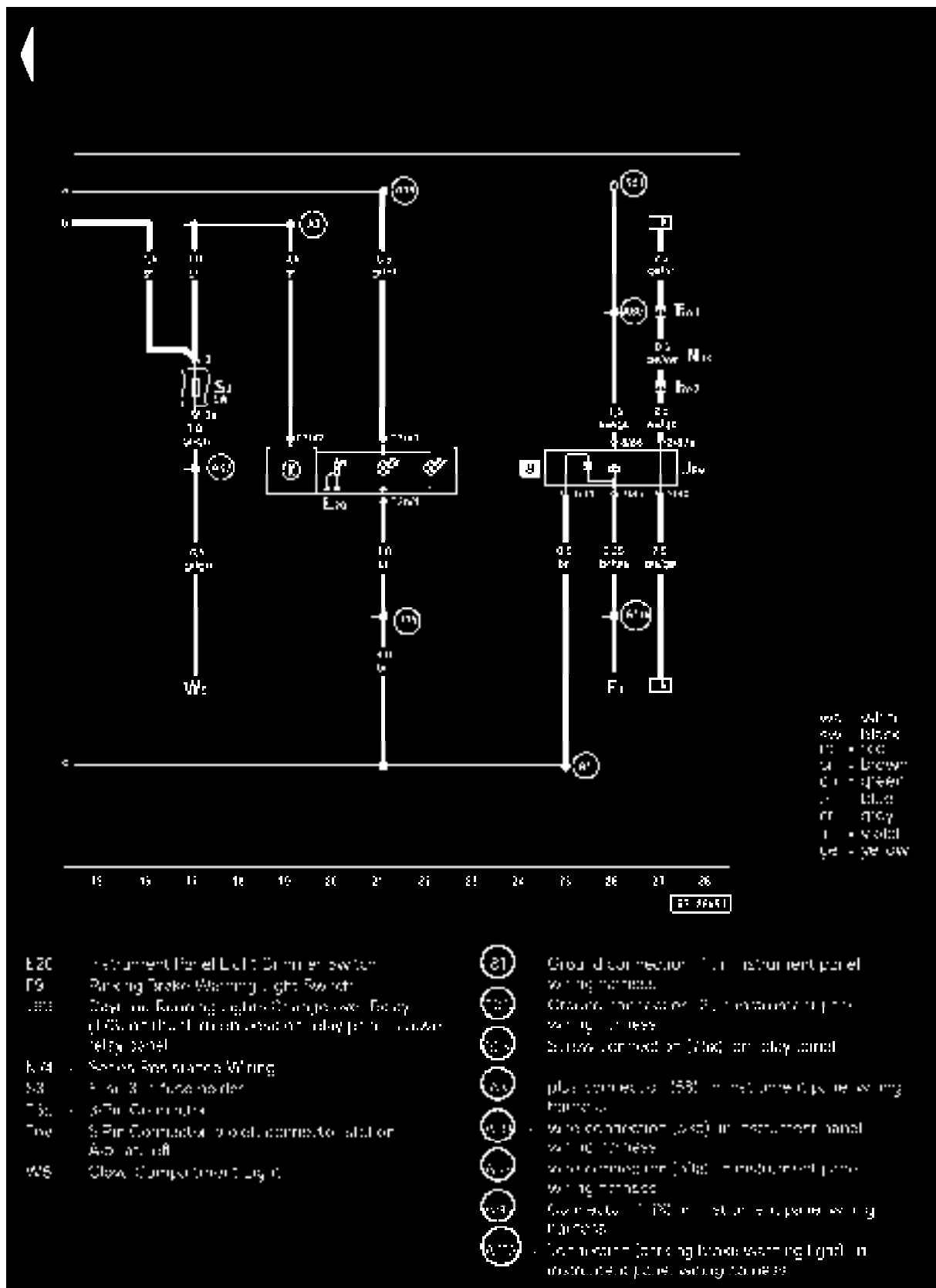
Daytime running Lights from August 1999

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions





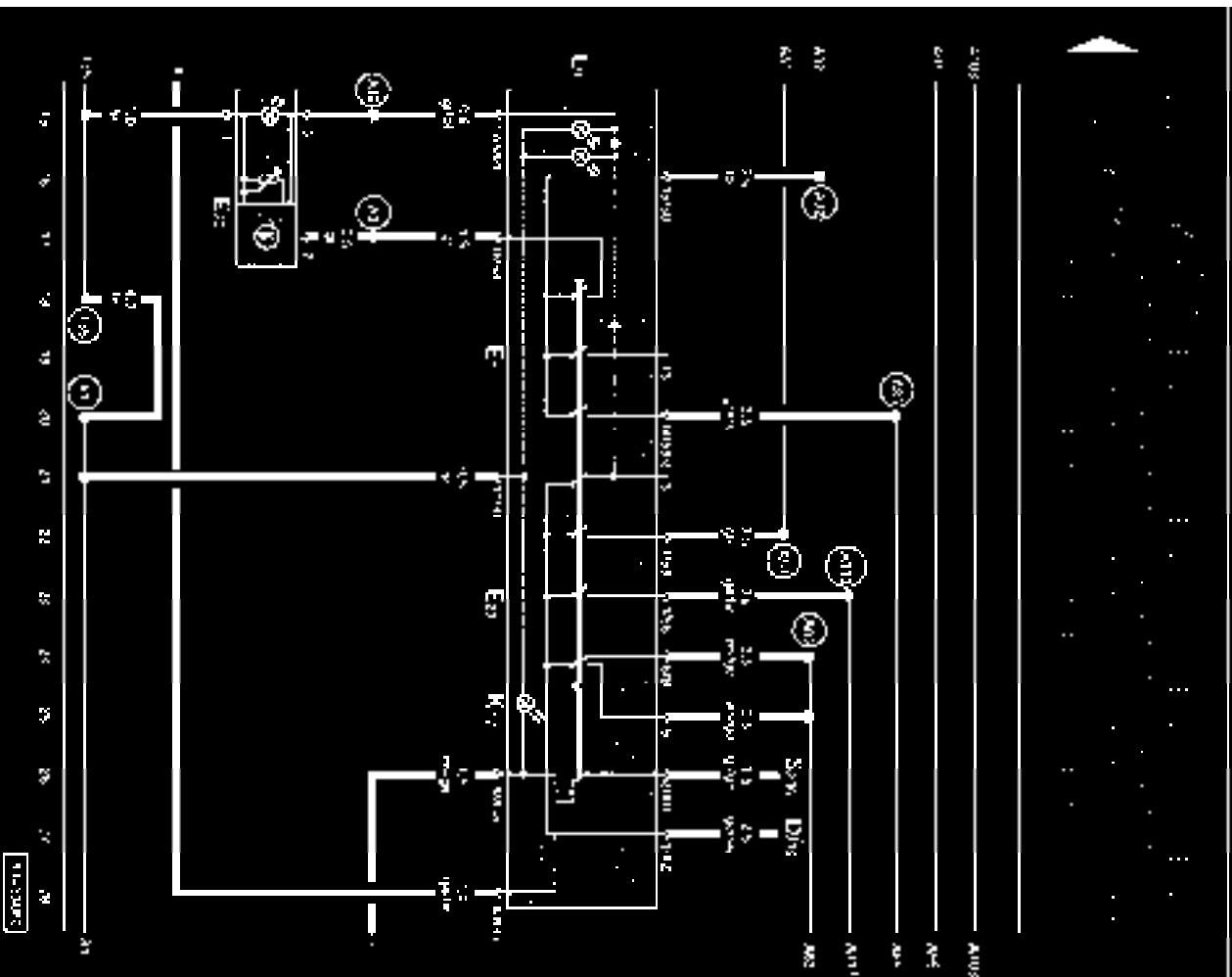
Headlamp

High Intensity Gas Discharge (HID) Headlights, engine code BDP, from January 2002

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions

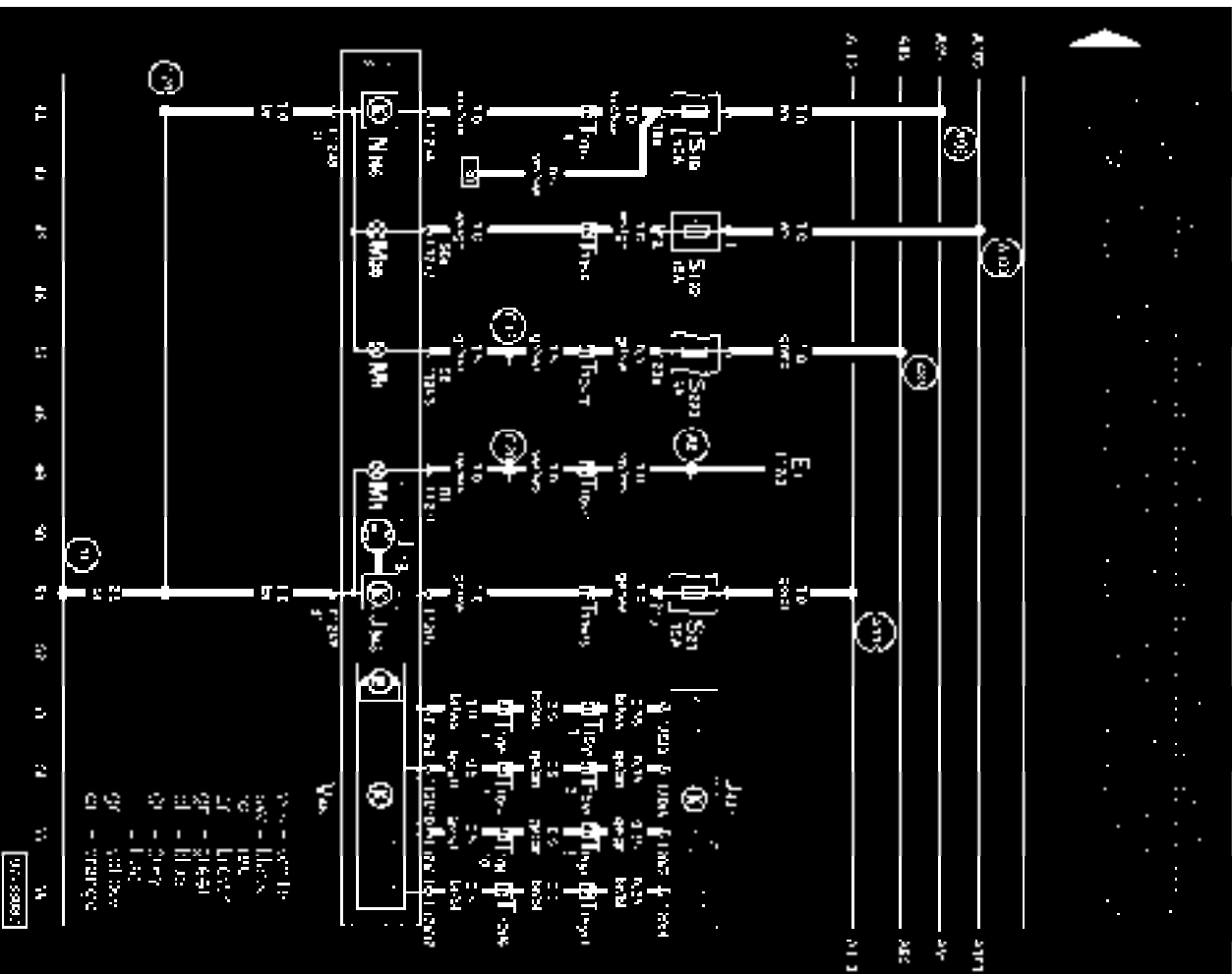


Light switch, Instrument Panel Light Dimmer Switch, Fog Light Switch, Fog Light Indicator Light, Headlight Switch Light

- 20 - Instrument Panel Light
- 21 - Instrument Panel Light Switch
- 22 - Fog Light Switch
- 23 - Fog Light Switch
- 24 - Fog Light Indicator Light
- 25 - Headlight Switch Light

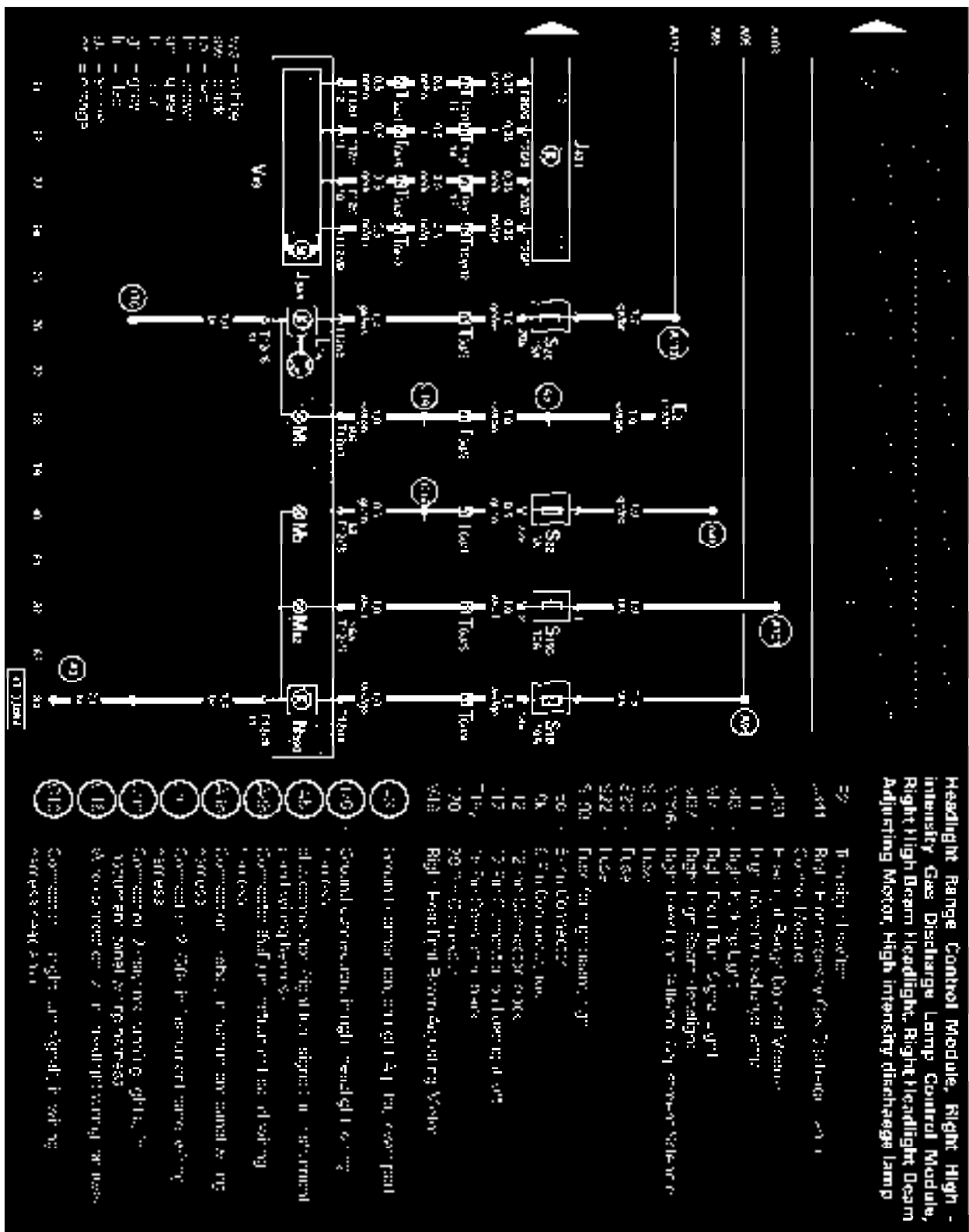
- 26 - Headlight Switch Light
- 27 - Headlight Switch Light
- 28 - Headlight Switch Light
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- 33 - Headlight Switch Light
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 97 - 10A
 98 - 10A
 99 - 10A
 100 - 10A



Headlight Range Control Module, Left High Intensity Gas Discharge Lamp Control Module, Left High Beam Headlight, Left Headlight Beam Adjusting Motor, High Intensity Gas Discharge Lamp

- 27 Turn signal power
- 4834 Left Headlight Beam Adjusting Motor
- 4835 Right Headlight Beam Adjusting Motor
- 4836 Left Headlight Beam Adjusting Motor
- 4837 Left Headlight Beam Adjusting Motor
- 4838 Left Headlight Beam Adjusting Motor
- 4839 Left Headlight Beam Adjusting Motor
- 4840 Left Headlight Beam Adjusting Motor
- 4841 Left Headlight Beam Adjusting Motor
- 4842 Left Headlight Beam Adjusting Motor
- 4843 Left Headlight Beam Adjusting Motor
- 4844 Left Headlight Beam Adjusting Motor
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- 4846 Left Headlight Beam Adjusting Motor
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- 4851 Left Headlight Beam Adjusting Motor
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- 4859 Left Headlight Beam Adjusting Motor
- 4860 Left Headlight Beam Adjusting Motor
- 4861 Left Headlight Beam Adjusting Motor
- 4862 Left Headlight Beam Adjusting Motor
- 4863 Left Headlight Beam Adjusting Motor
- 4864 Left Headlight Beam Adjusting Motor
- 4865 Left Headlight Beam Adjusting Motor
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- 4870 Left Headlight Beam Adjusting Motor
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- 4880 Left Headlight Beam Adjusting Motor
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- 4883 Left Headlight Beam Adjusting Motor
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- 4889 Left Headlight Beam Adjusting Motor
- 4890 Left Headlight Beam Adjusting Motor
- 4891 Left Headlight Beam Adjusting Motor
- 4892 Left Headlight Beam Adjusting Motor
- 4893 Left Headlight Beam Adjusting Motor
- 4894 Left Headlight Beam Adjusting Motor
- 4895 Left Headlight Beam Adjusting Motor
- 4896 Left Headlight Beam Adjusting Motor
- 4897 Left Headlight Beam Adjusting Motor
- 4898 Left Headlight Beam Adjusting Motor
- 4899 Left Headlight Beam Adjusting Motor
- 4900 Left Headlight Beam Adjusting Motor



Track 71-84

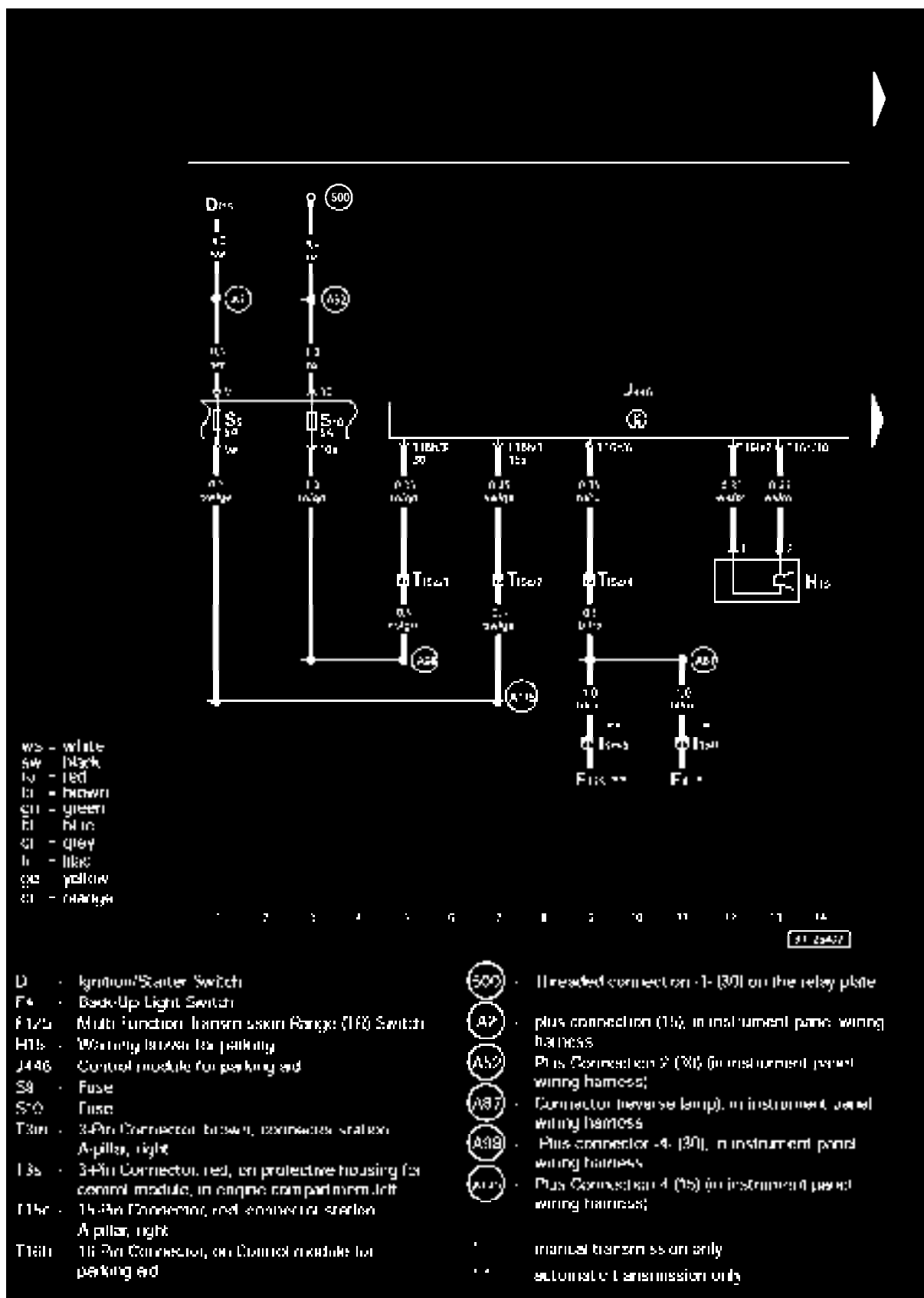
Parking Assist Control Module

Parking aid from February 2001

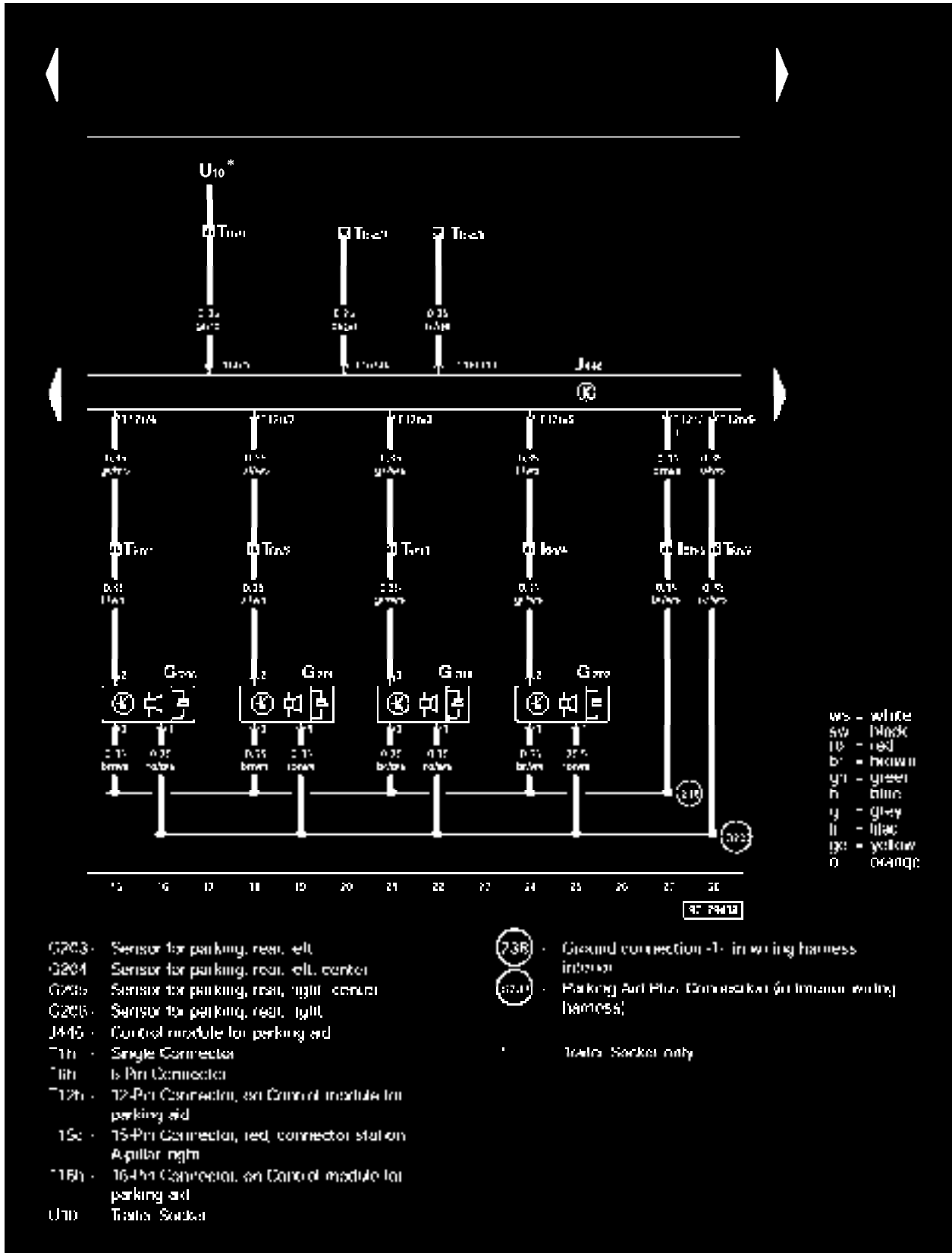
IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

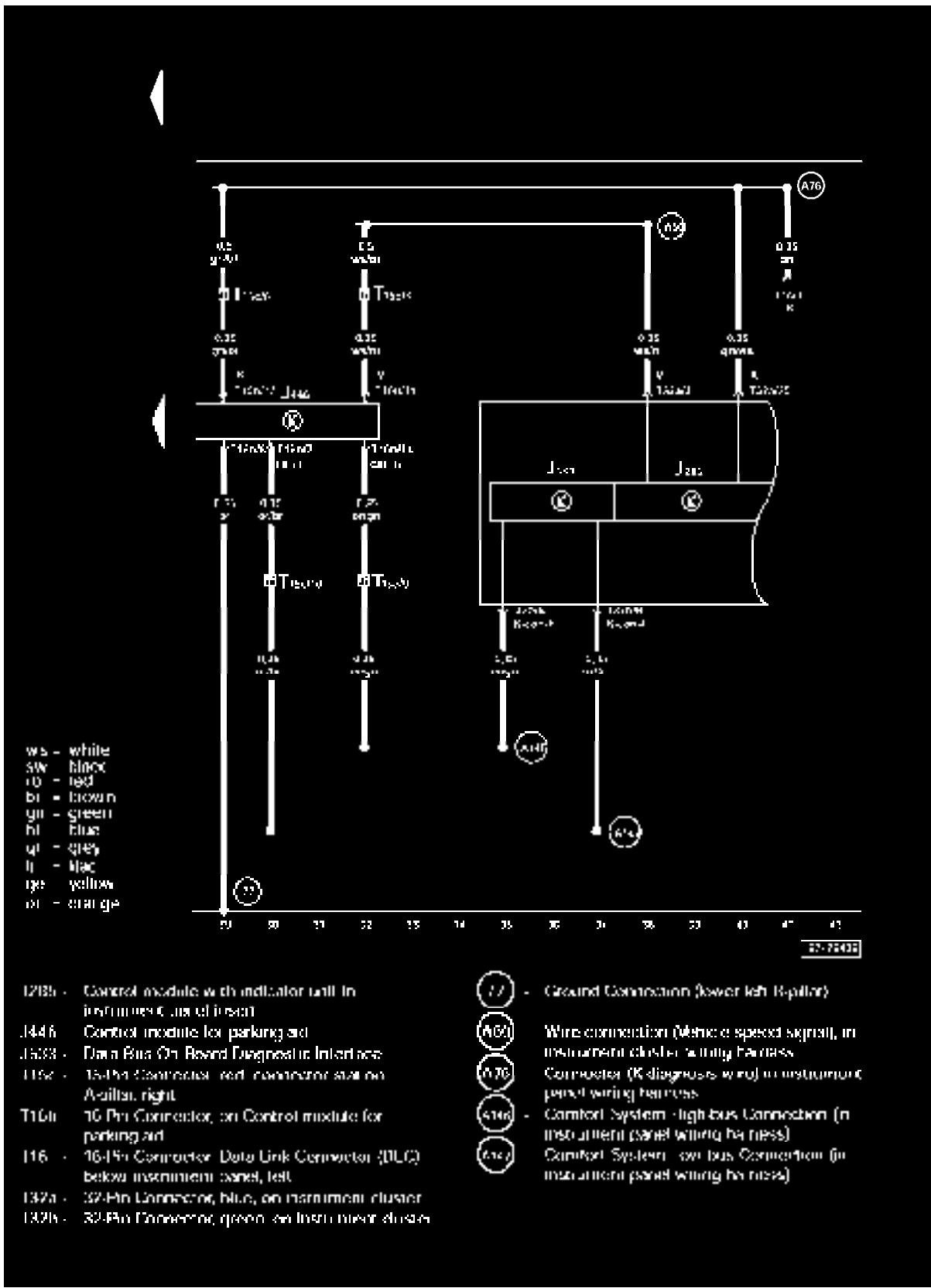
For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 1-14



Track 15-28



- ws - white
- sw - black
- rd - red
- br - brown
- gn - green
- bl - blue
- qt - grey
- li - lilac
- yl - yellow
- or - orange

- 128b - Control module with indicator bulb in instrument cluster (front)
- 1446 - Control module for parking aid
- 1533 - Data Bus On Board Diagnostic Interface
- 1152 - 16-Pin Connector, red, connector side on Avillar, right
- T16u - 16-Pin Connector, on Control module for parking aid
- 116 - 16-Pin Connector, Data Link Connector (DLC) below instrument panel, left
- 137a - 32-Pin Connector, blue, on instrument cluster
- 137b - 32-Pin Connector, green, on instrument cluster

- (77) - Ground Connection (lower left B-pillar)
- (A62) - Wire connection (Mileage speed signal), in instrument cluster utility harness
- (A76) - Computer (K diagnosis wire) in instrument panel wiring harness
- (A16) - Control System - high bus Connection (in instrument panel wiring harness)
- (A17) - Control System - low bus Connection (in instrument panel wiring harness)

Track 29-42

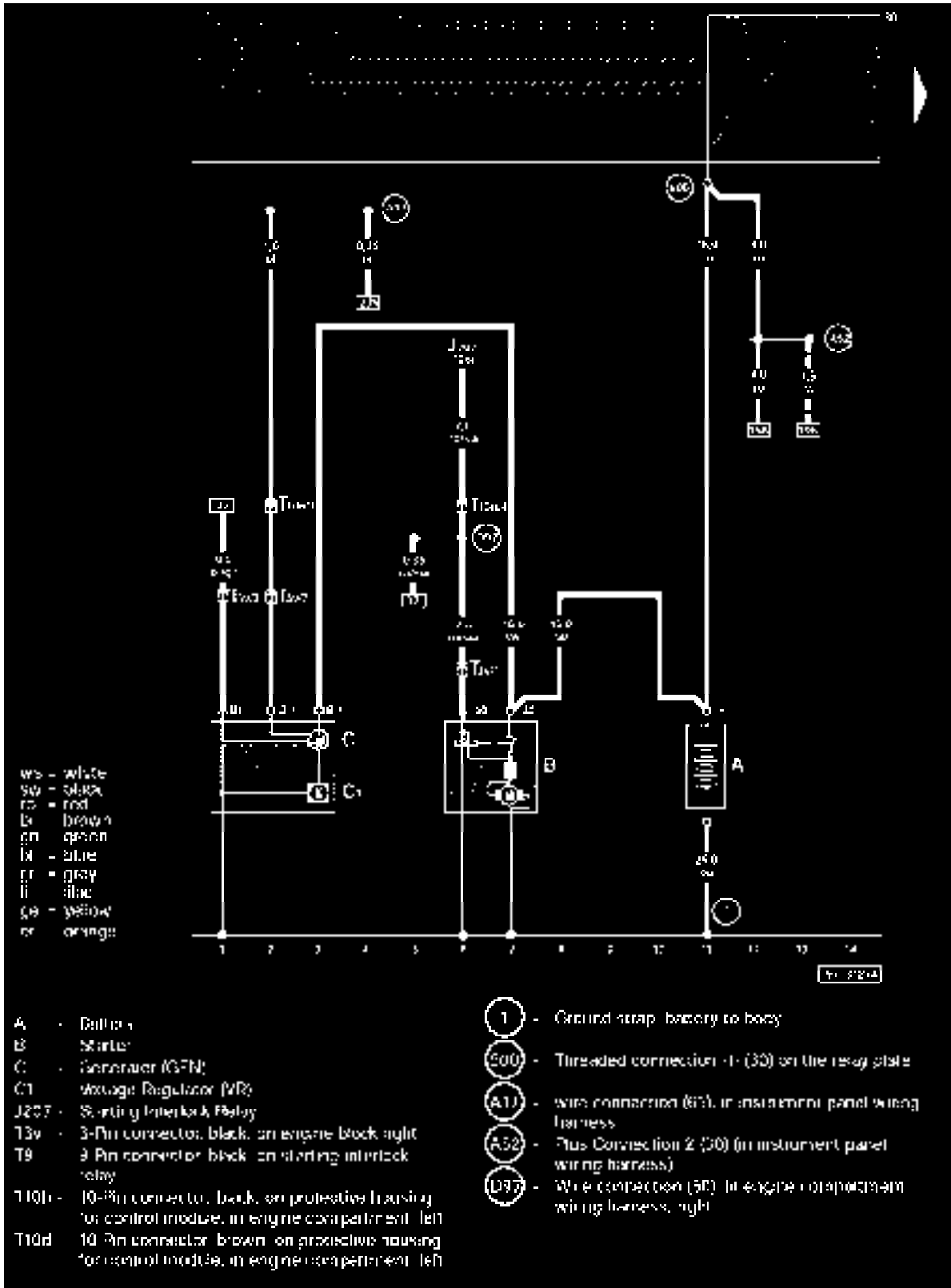
Diagram Index "Ge - Vo"

Track 1-14

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 1-14

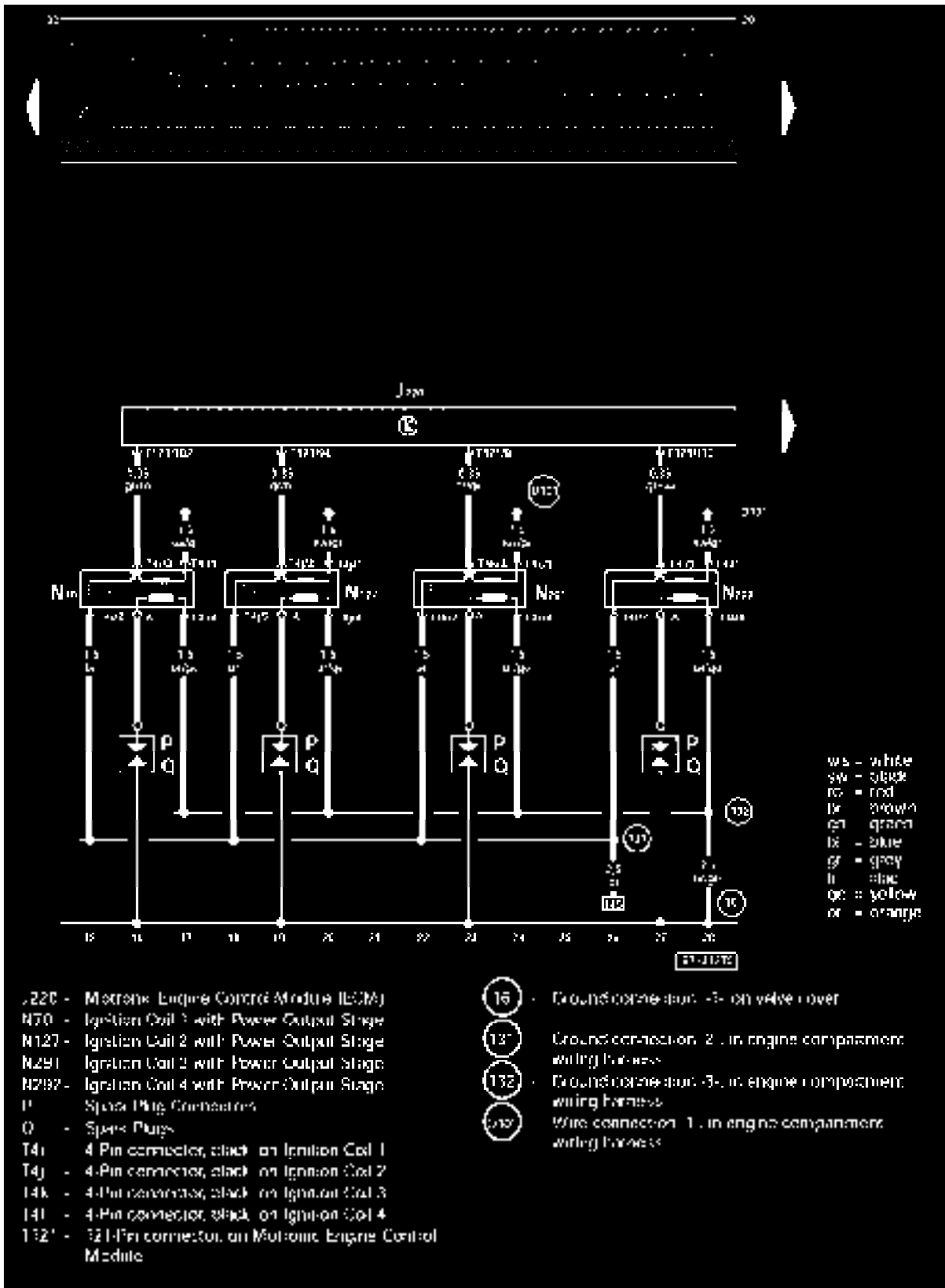
Next Track See: Powertrain Management/System Diagram/Track 15-28

Track 15-28

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 15-28

Next Track See: Powertrain Management/System Diagram/Track 29-42

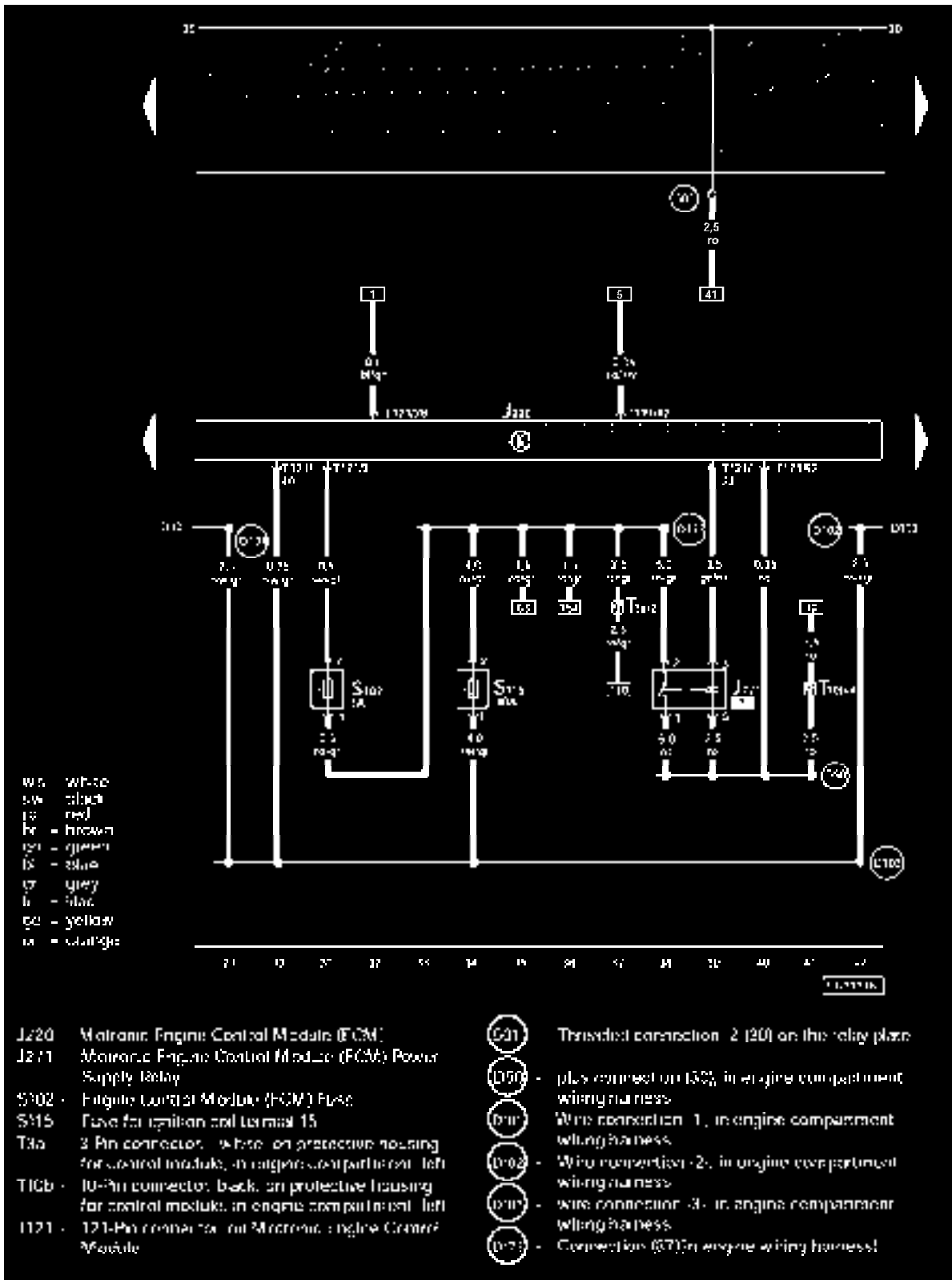
Previous Track See: Powertrain Management/System Diagram/Track 1-14

Track 29-42

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 29-42

Next Track See: Powertrain Management/System Diagram/Track 43-56

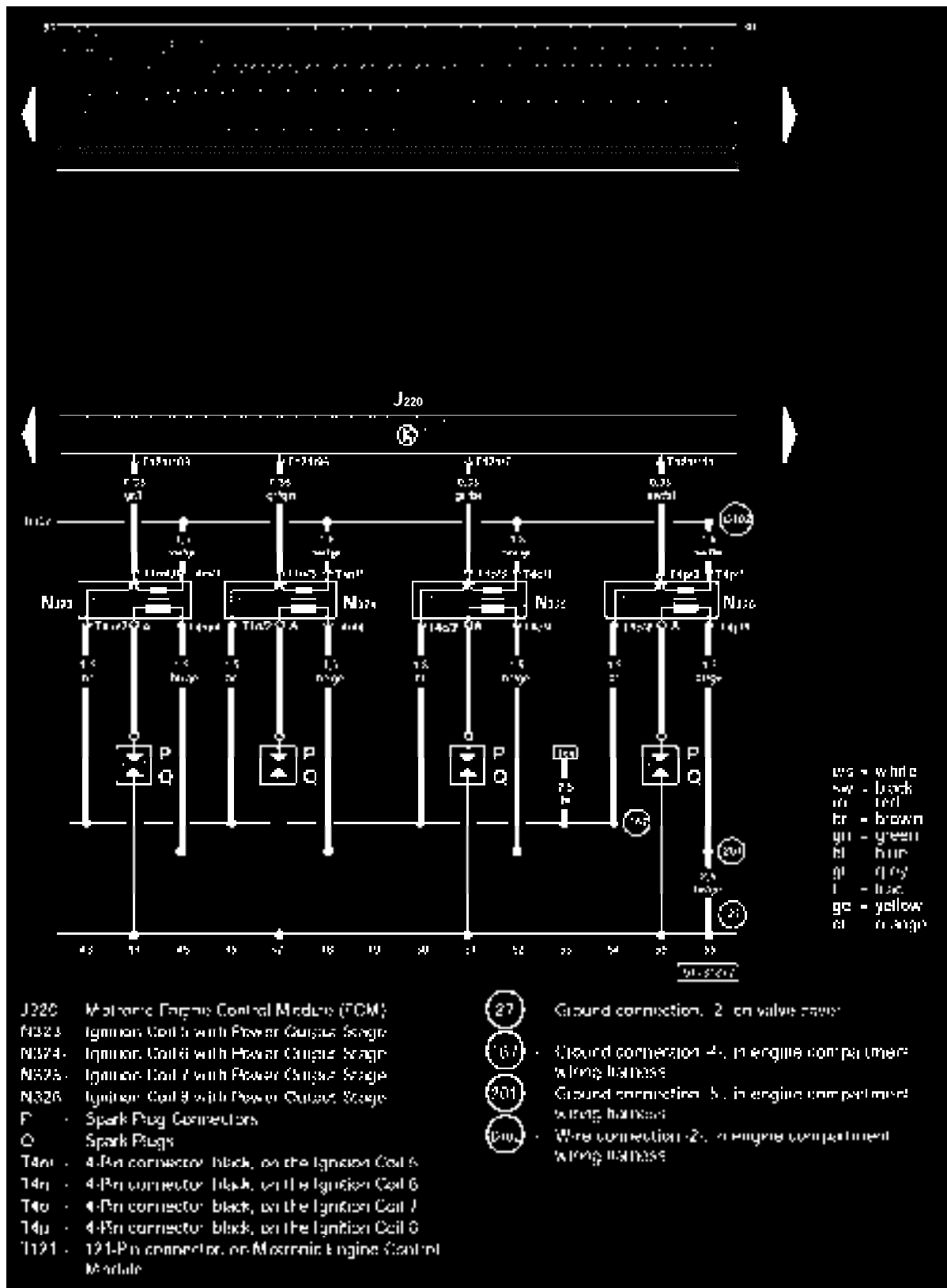
Previous Track See: Powertrain Management/System Diagram/Track 15-28

Track 43-56

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 43-56

Next Track See: Powertrain Management/System Diagram/Track 57-70

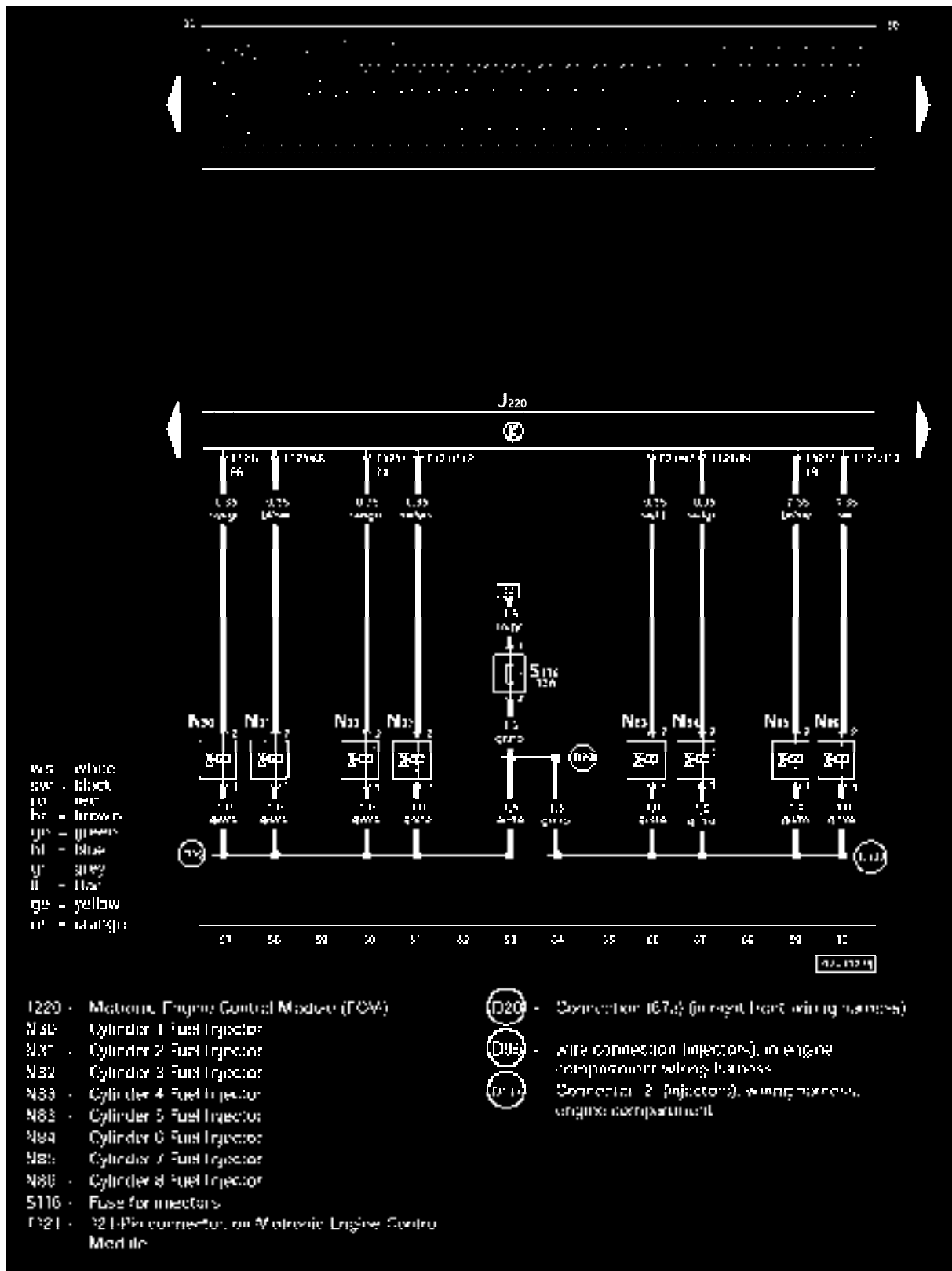
Previous Track See: Powertrain Management/System Diagram/Track 29-42

Track 57-70

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 57-70

Next Track See: Powertrain Management/System Diagram/Track 71-84

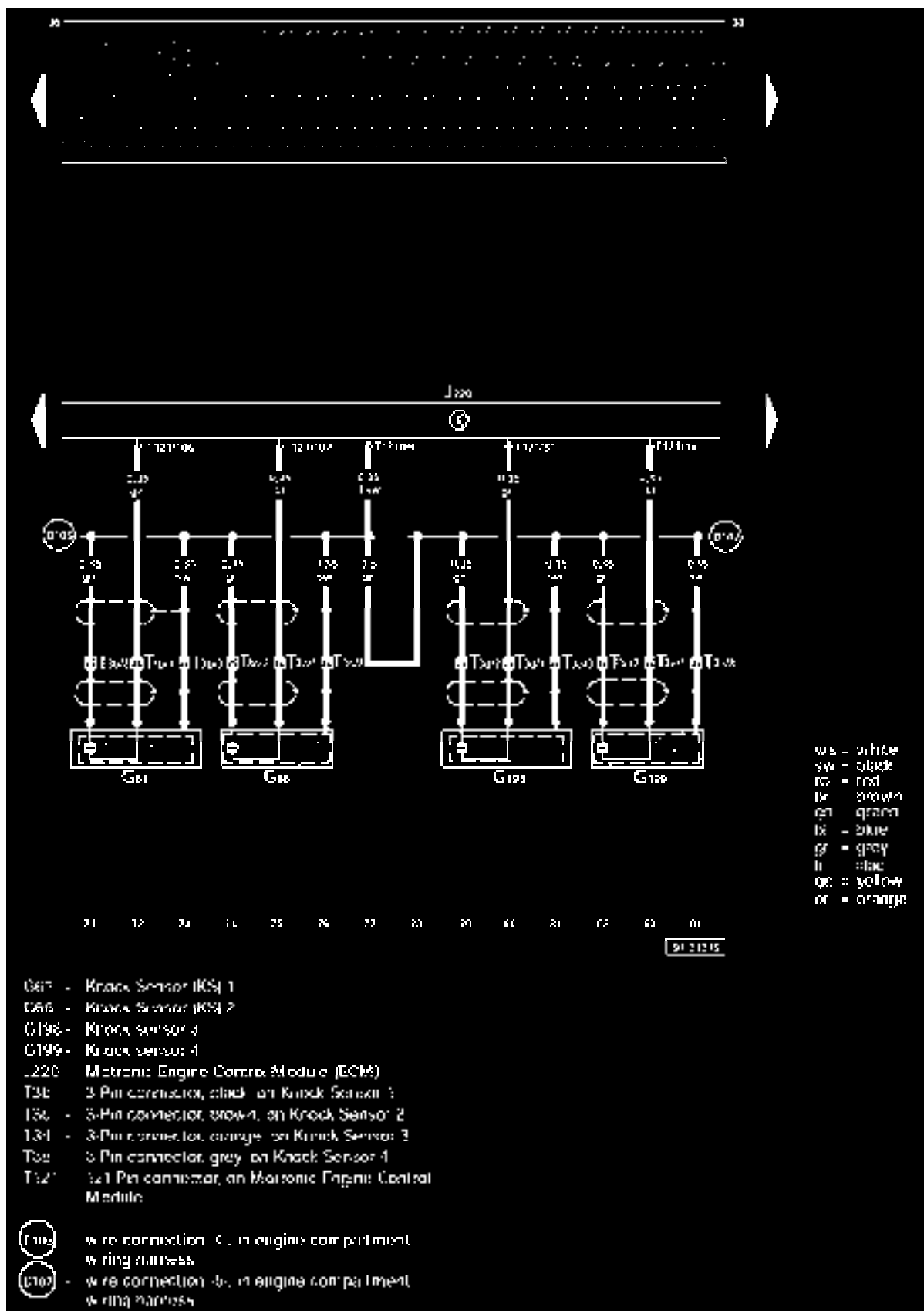
Previous Track See: Powertrain Management/System Diagram/Track 43-56

Track 71-84

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 71-84

Next Track See: Powertrain Management/System Diagram/Track 85-98

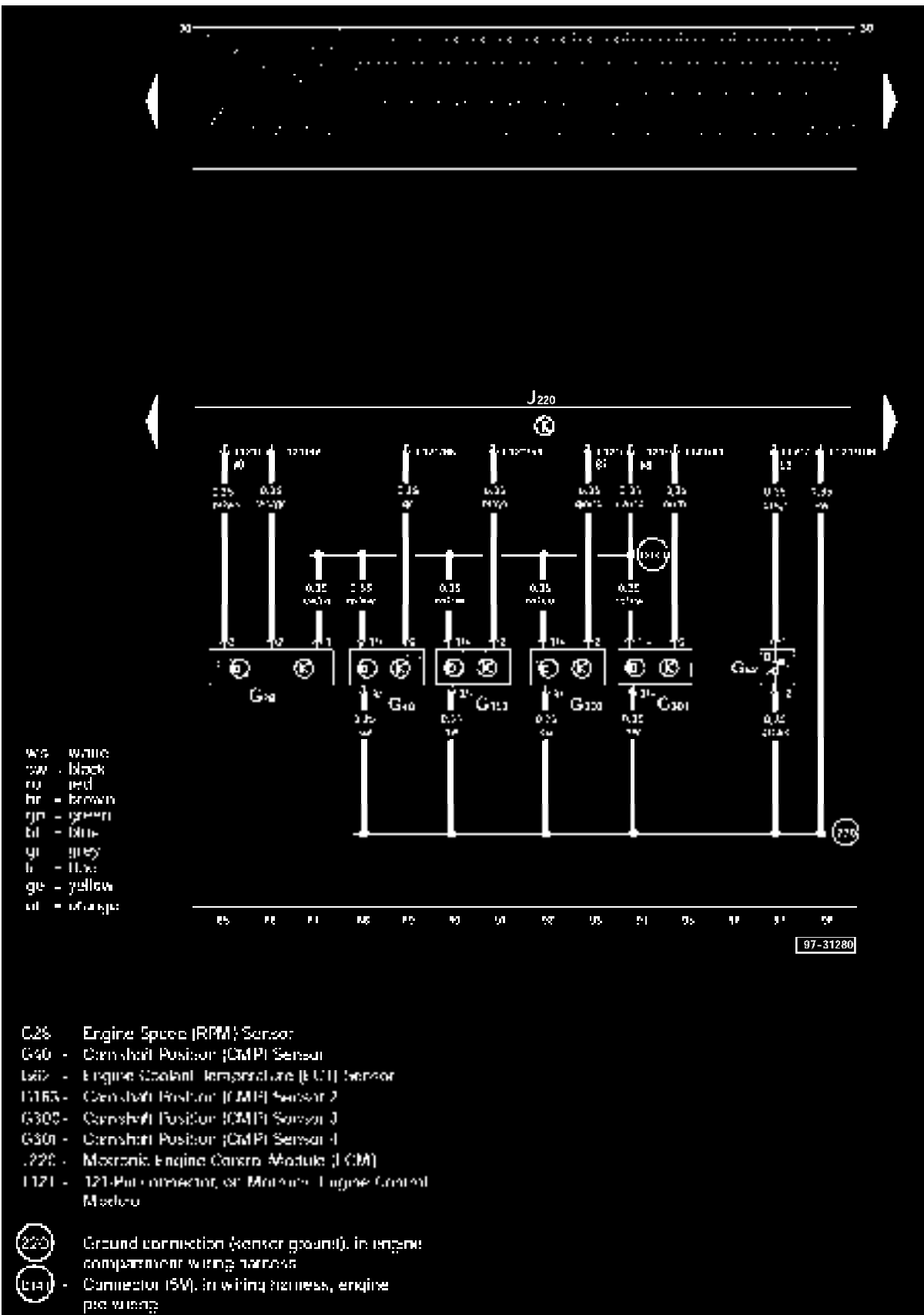
Previous Track See: Powertrain Management/System Diagram/Track 57-70

Track 85-98

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



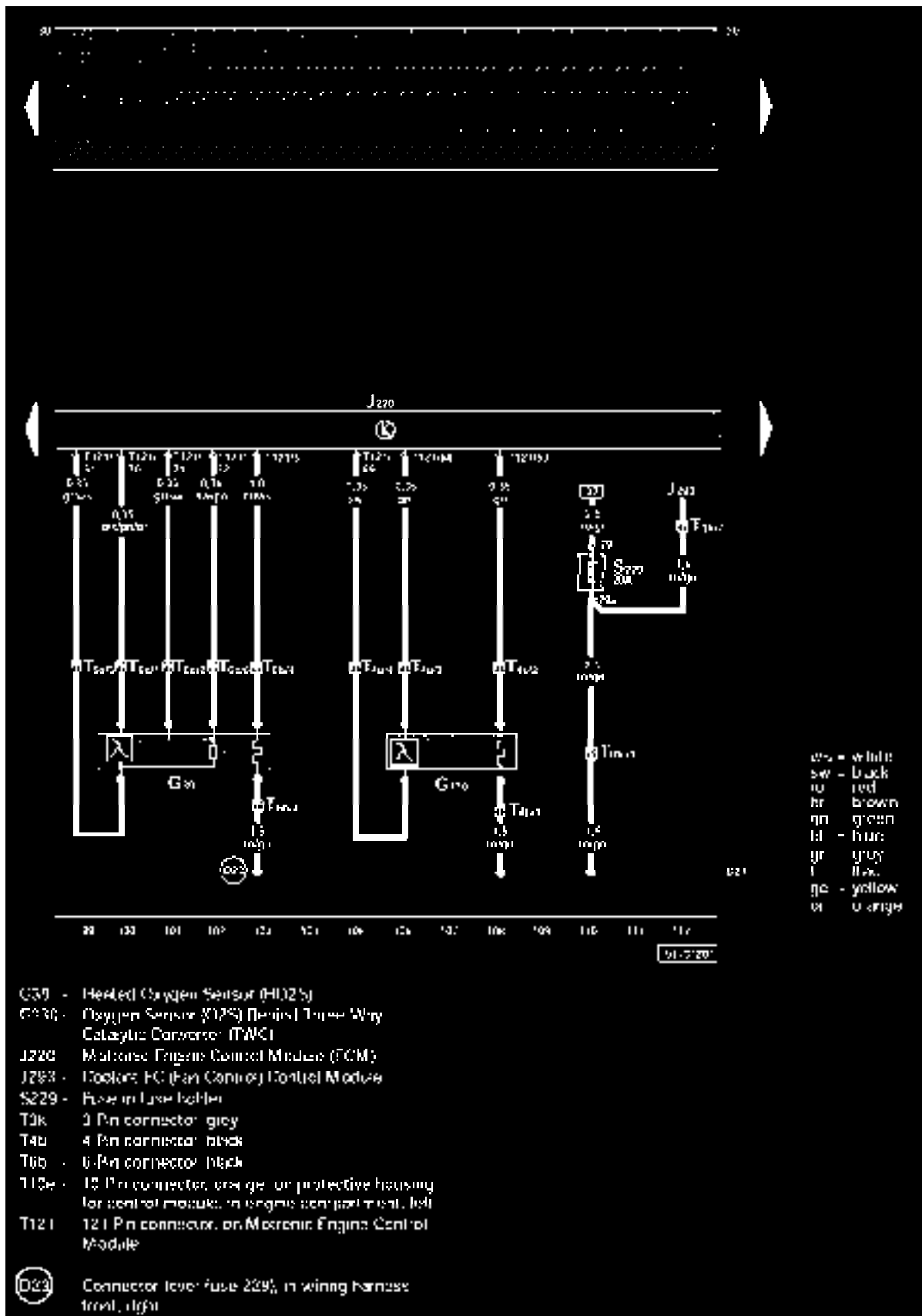
Previous Track See: Powertrain Management/System Diagram/Track 71-84

Track 99-112

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Next Track See: Powertrain Management/System Diagram/Track 113-126

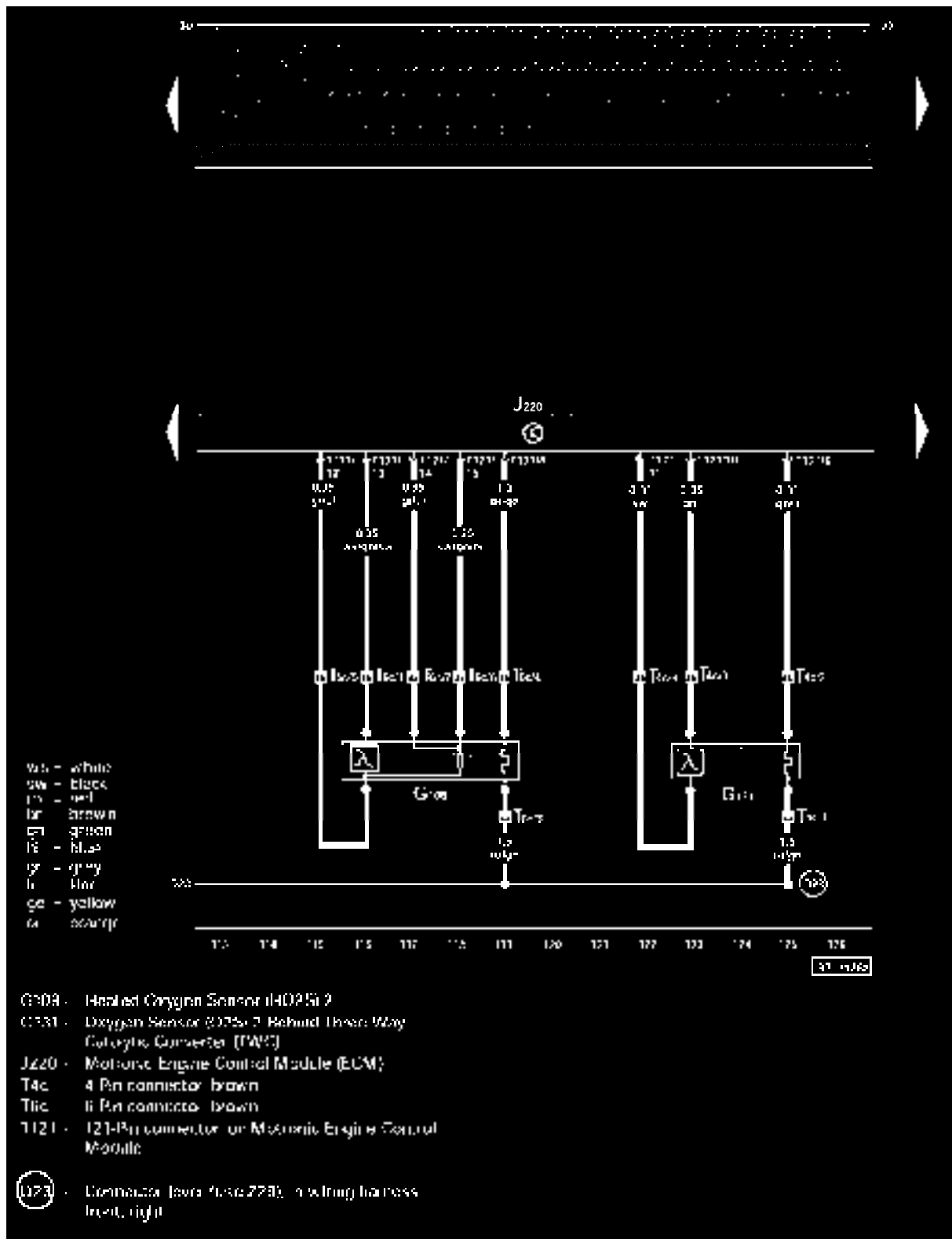
Previous Track See: Powertrain Management/System Diagram/Track 85-98

Track 113-126

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 113-126

Next Track See: Powertrain Management/System Diagram/Track 127-140

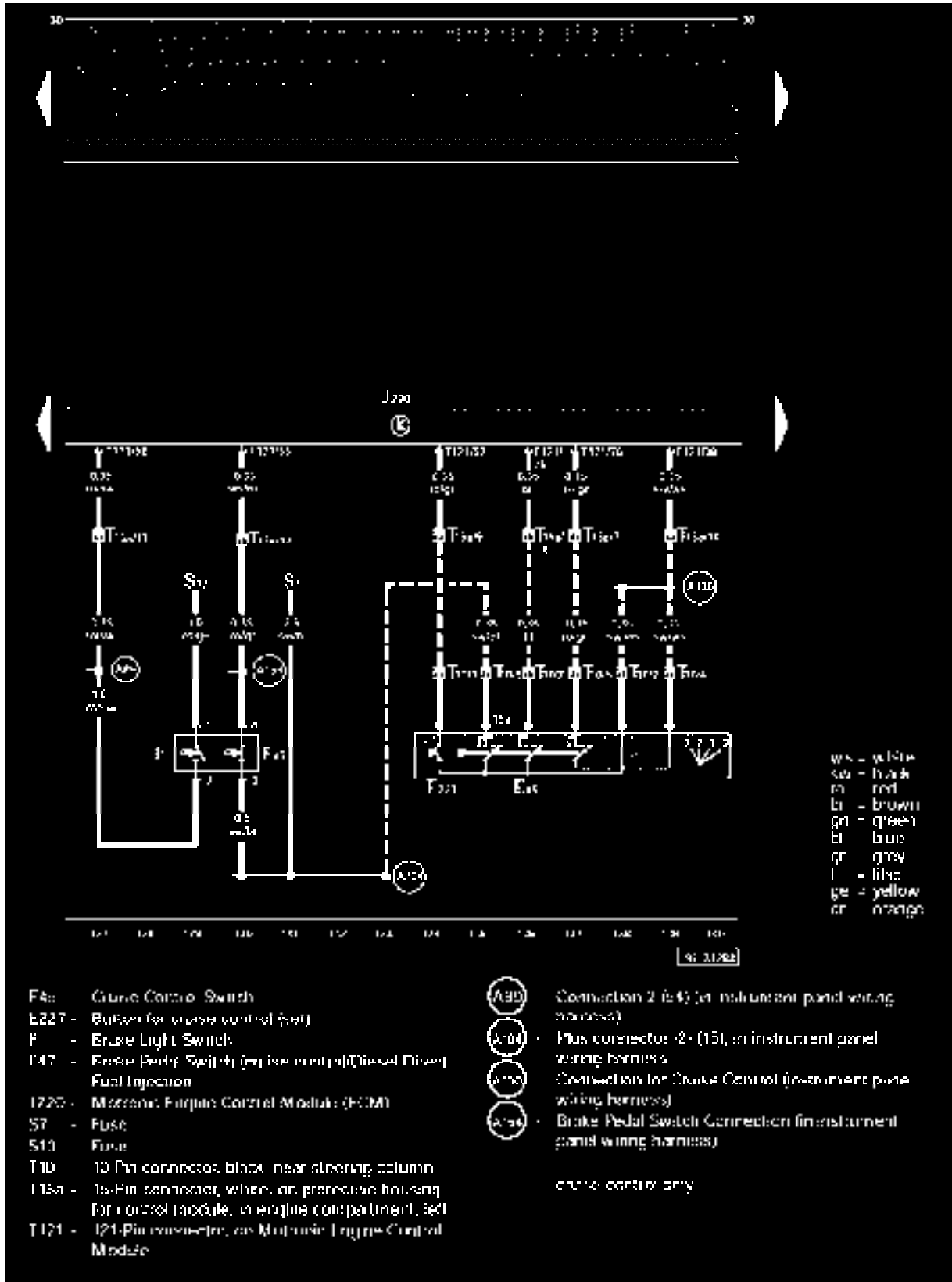
Previous Track See: Powertrain Management/System Diagram/Track 99-112

Track 127-140

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 127-140

Next Track See: Powertrain Management/System Diagram/Track 141-154

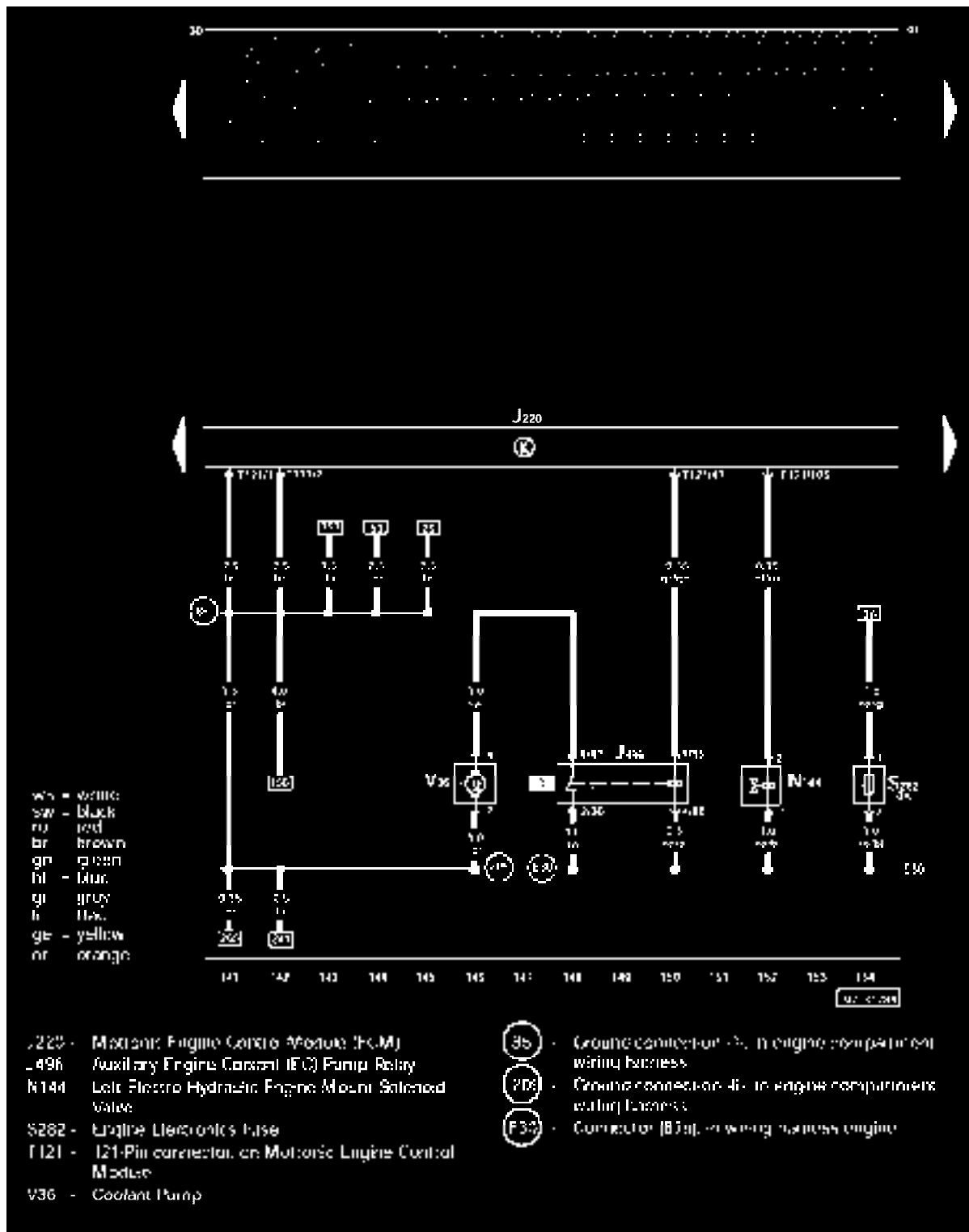
Previous Track See: Powertrain Management/System Diagram/Track 113-126

Track 141-154

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 141-154

Next Track See: Powertrain Management/System Diagram/Track 155-168

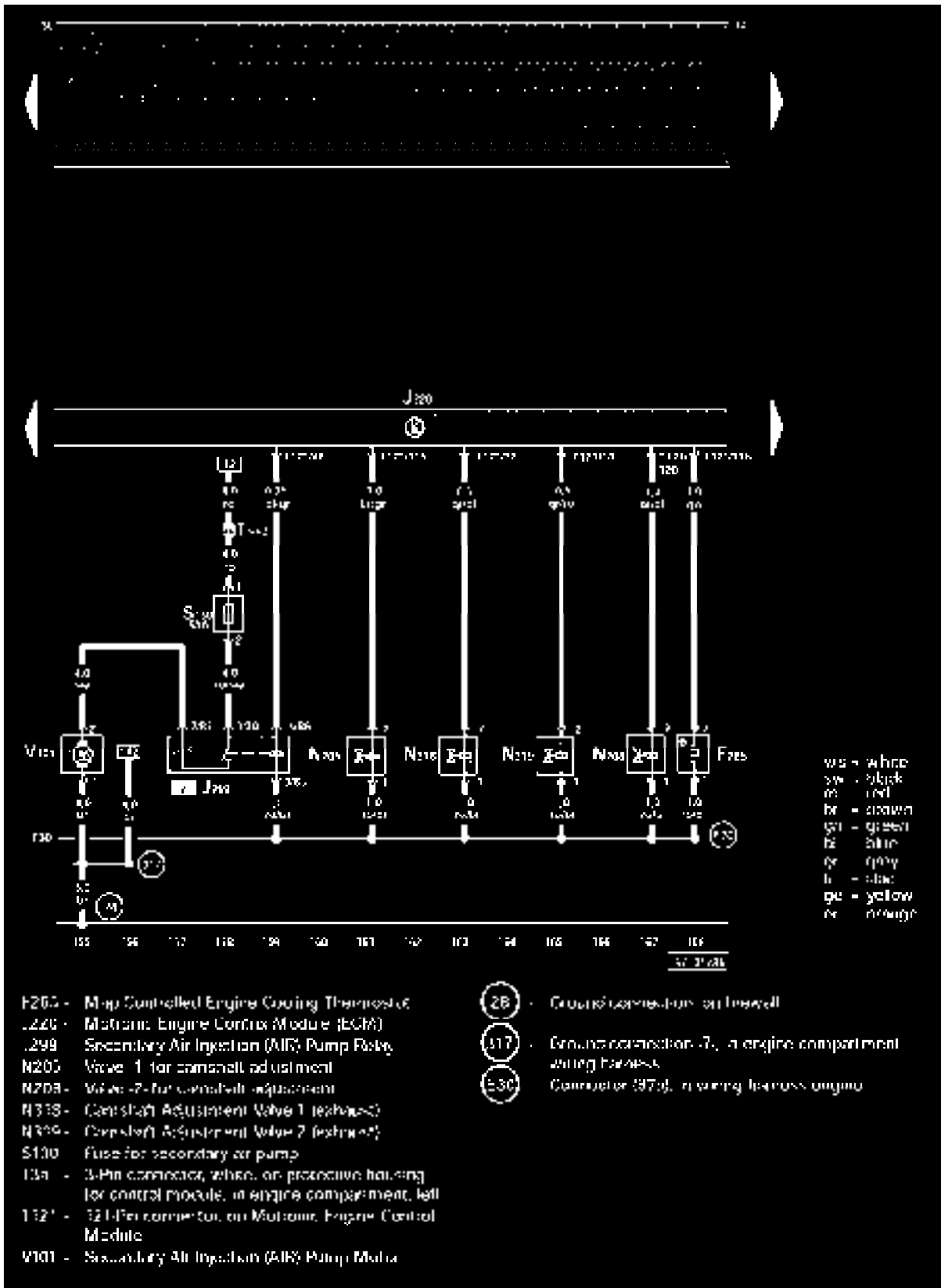
Previous Track See: Powertrain Management/System Diagram/Track 127-140

Track 155-168

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 155-168

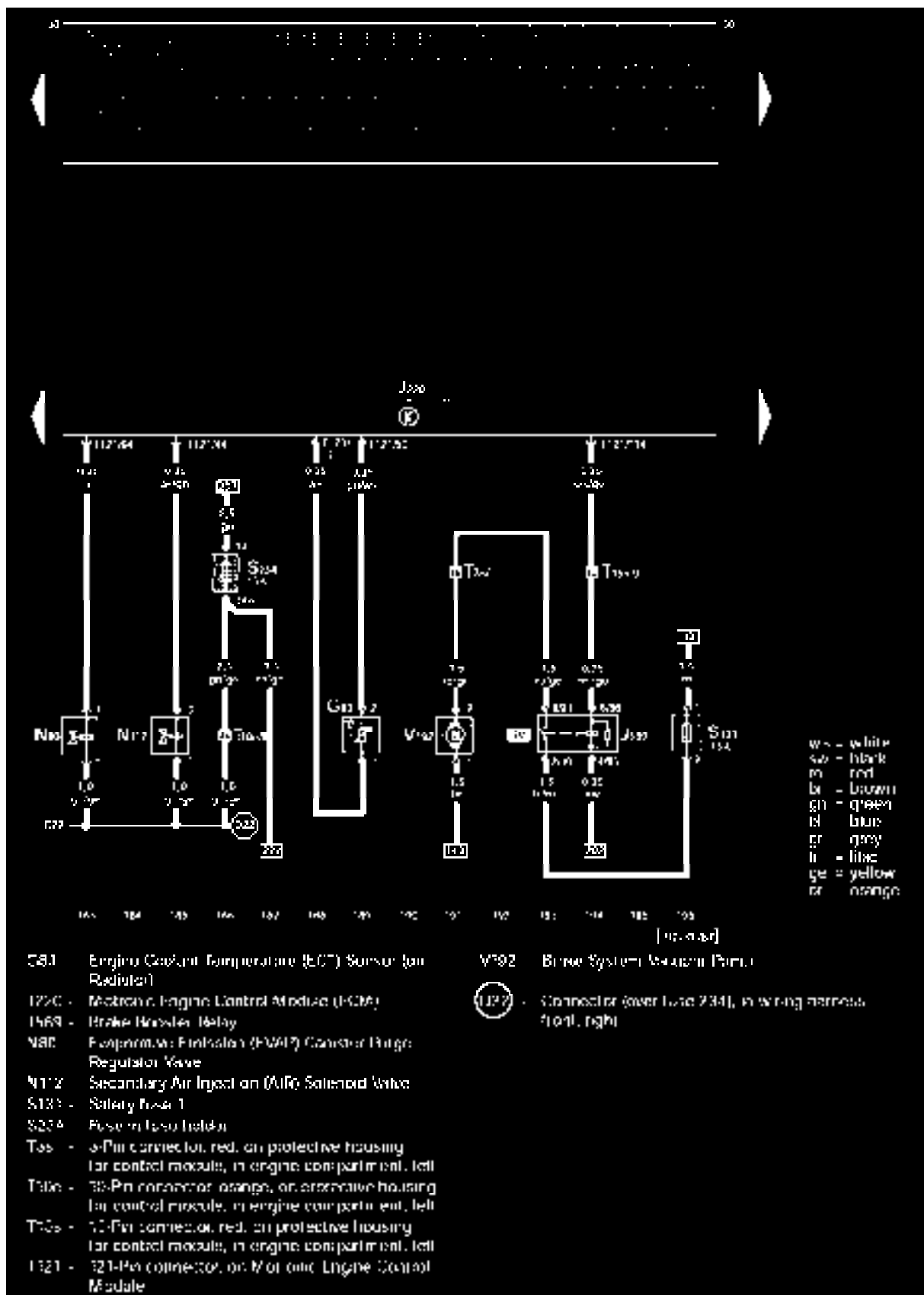
Next Track See: Powertrain Management/System Diagram/Track 169-182

Previous Track See: Powertrain Management/System Diagram/Track 141-154

Track 169-182

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 183-196

Next Track See: Powertrain Management/System Diagram/Track 197-210

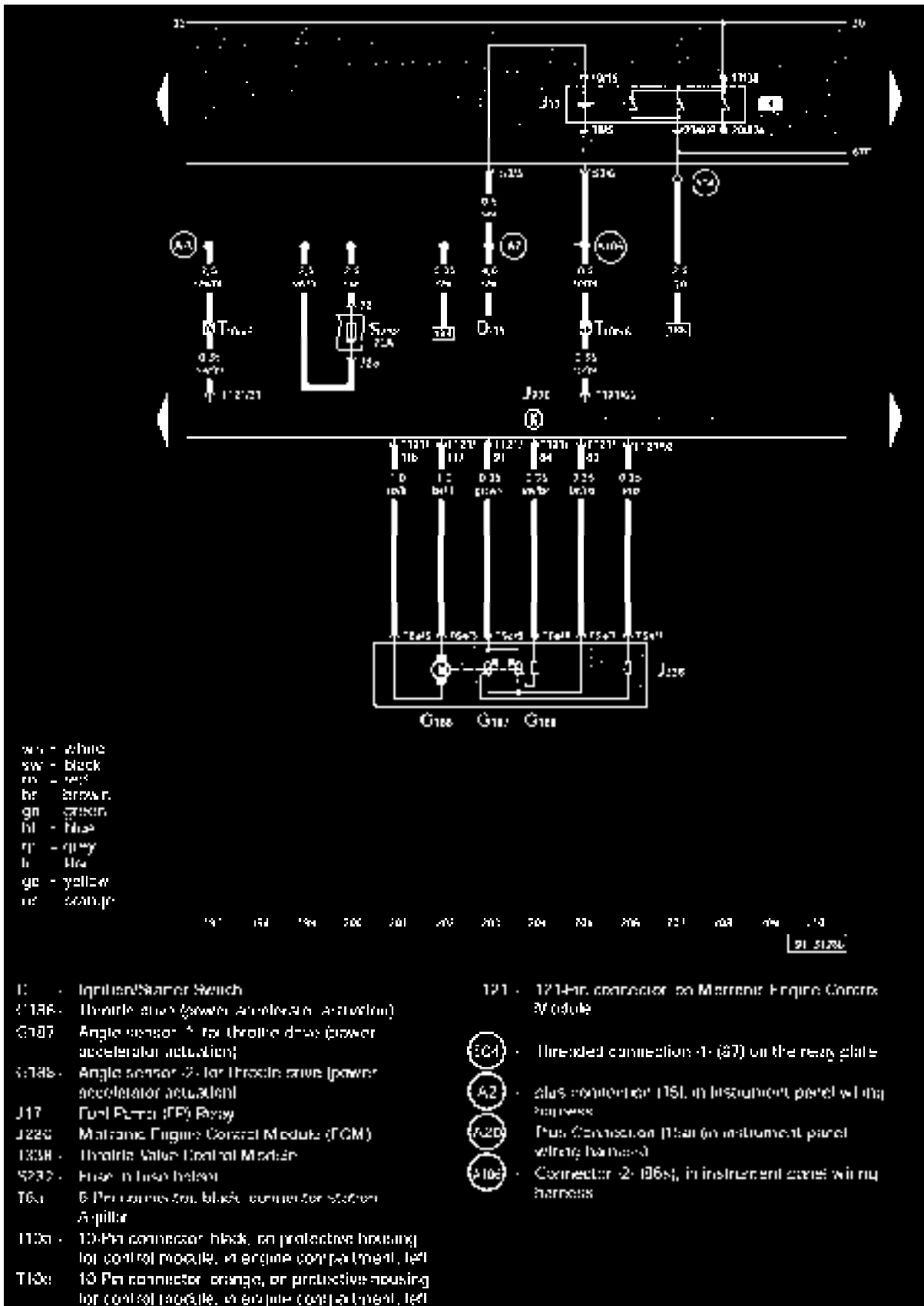
Previous Track See: Powertrain Management/System Diagram/Track 169-182

Track 197-210

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 197-210

Next Track See: Powertrain Management/System Diagram/Track 211-224

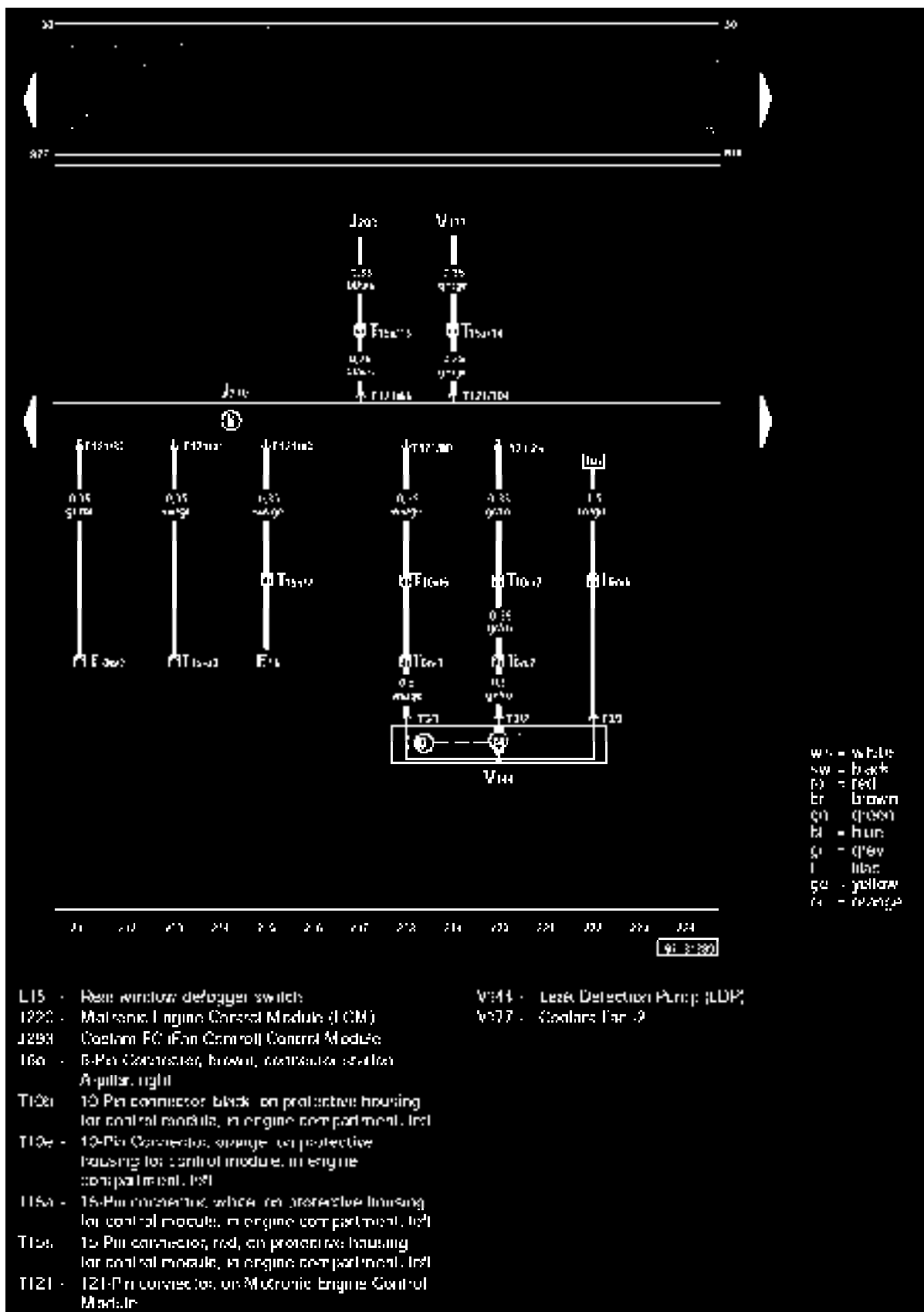
Previous Track See: Powertrain Management/System Diagram/Track 183-196

Track 211-224

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 211-224

Next Track See: Powertrain Management/System Diagram/Track 225-238

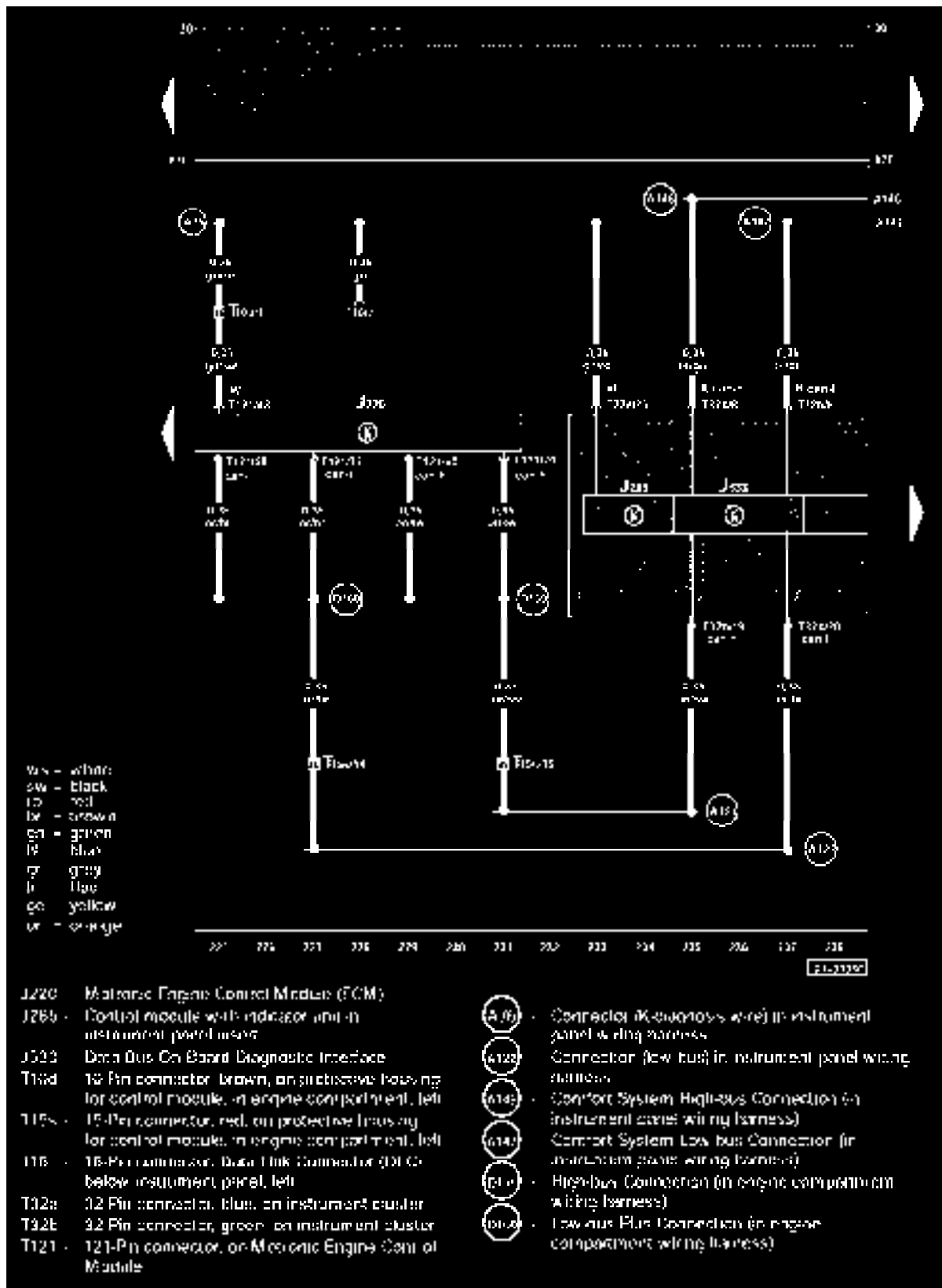
Previous Track See: Powertrain Management/System Diagram/Track 197-210

Track 225-238

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 225-238

Next Track See: Powertrain Management/System Diagram/Track 239-252

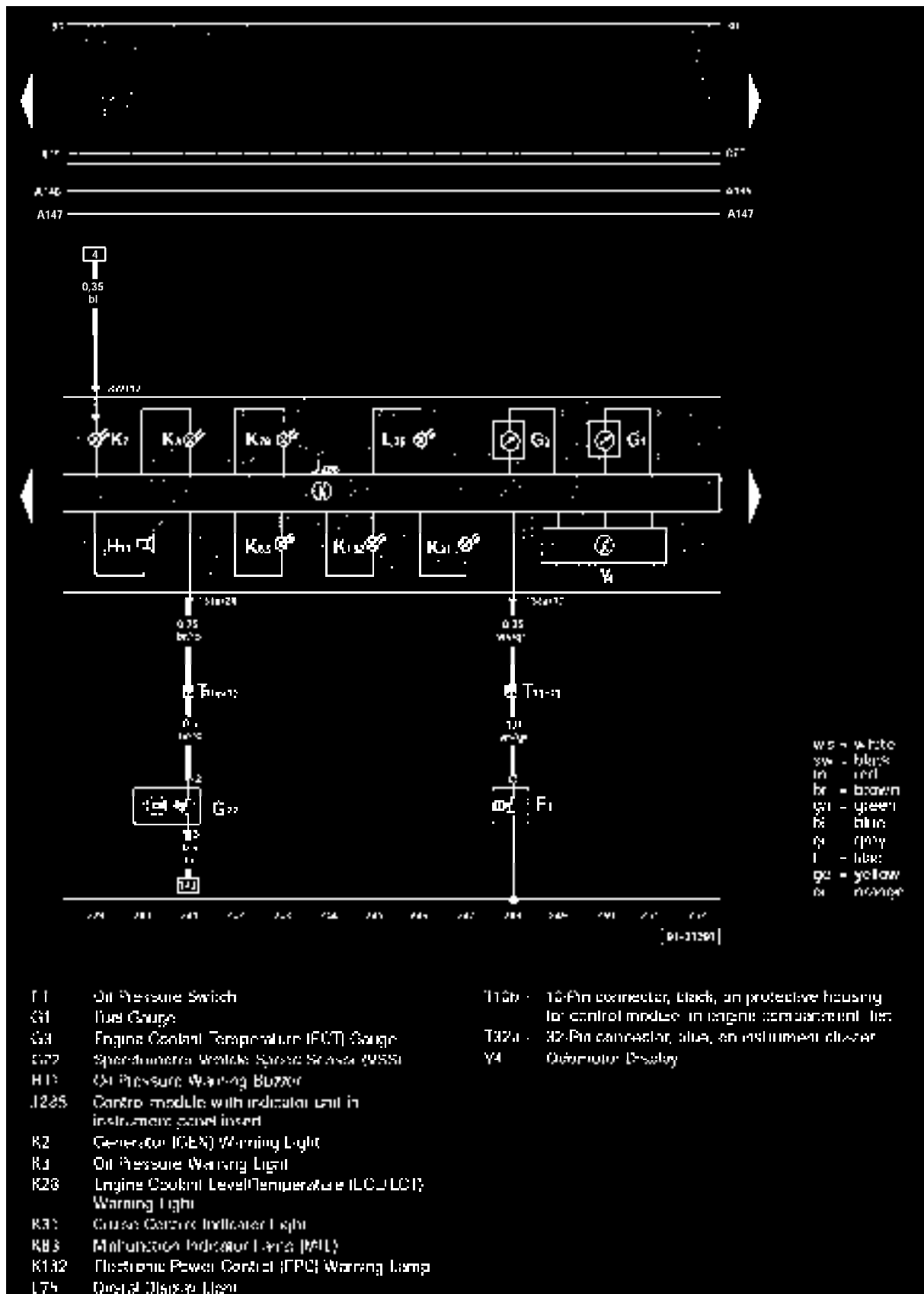
Previous Track See: Powertrain Management/System Diagram/Track 211-224

Track 239-252

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Next Track See: Powertrain Management/System Diagram/Track 253-266

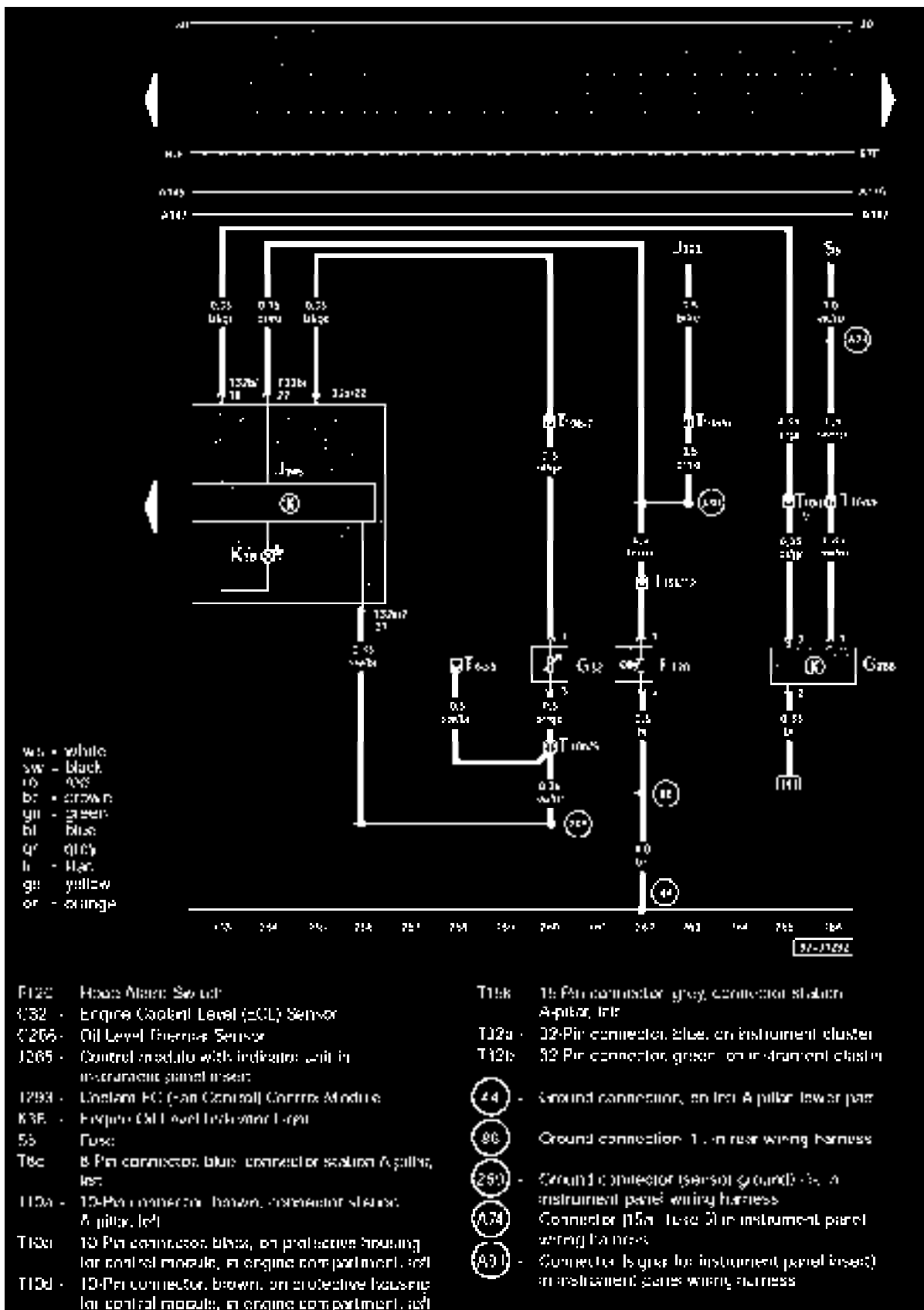
Previous Track See: Powertrain Management/System Diagram/Track 225-238

Track 253-266

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 253-266

Next Track See: Powertrain Management/System Diagram/Track 267-280

Previous Track See: Powertrain Management/System Diagram/Track 239-252

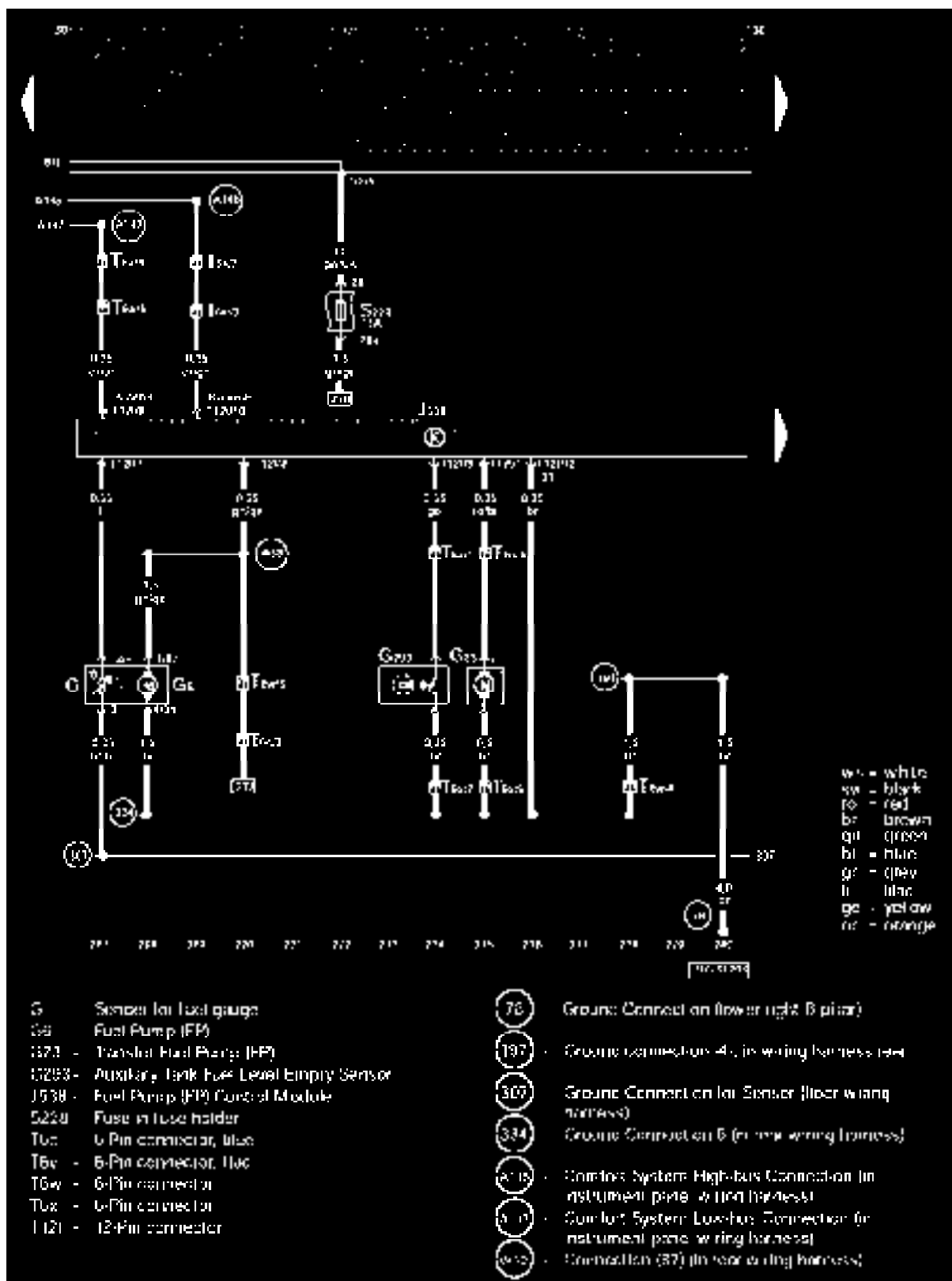
Track 267-280

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and

Instructions



Track 267-280

Next Track See: Powertrain Management/System Diagram/Track 281-294

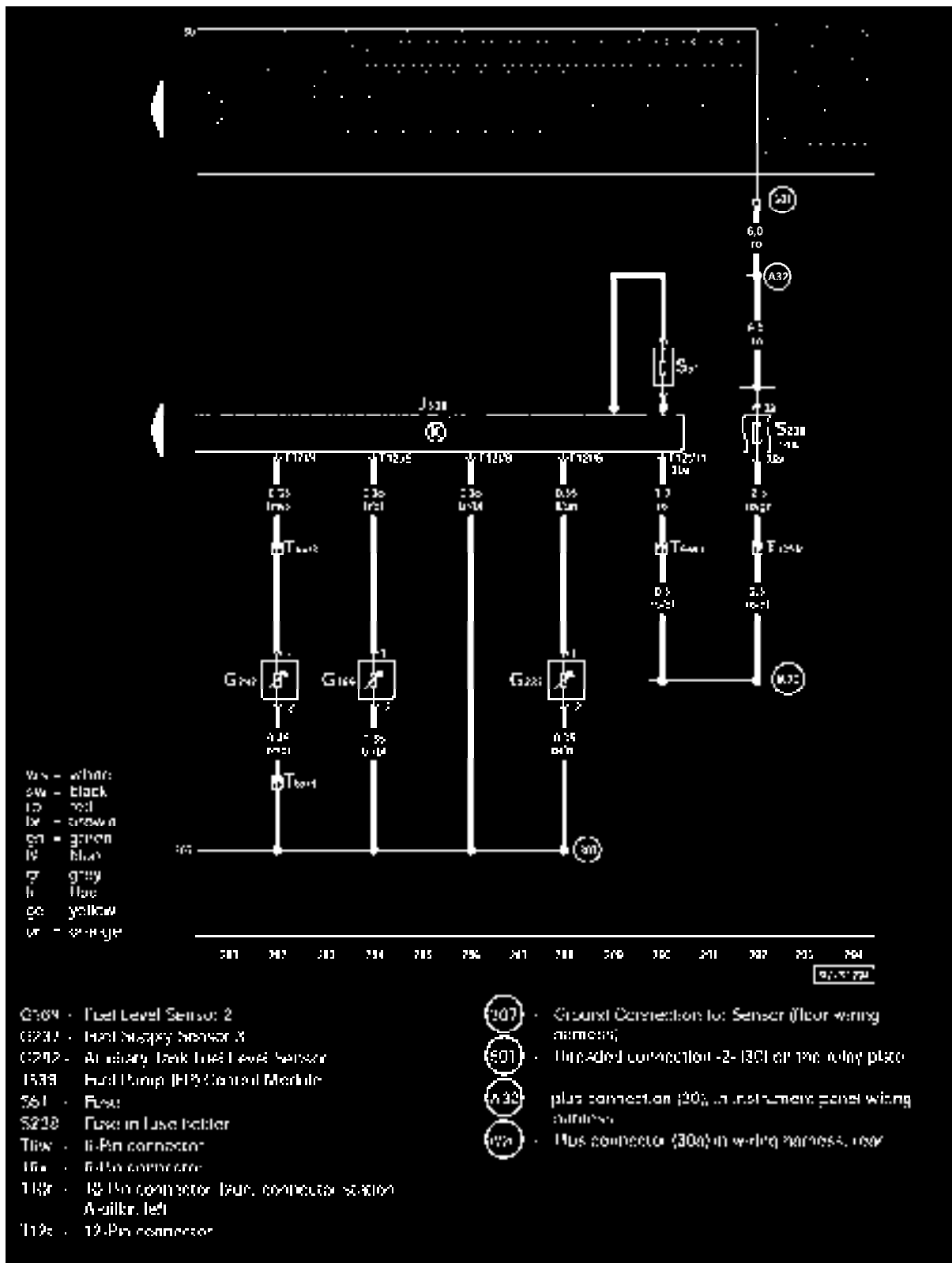
Previous Track See: Powertrain Management/System Diagram/Track 253-266

Track 281-294

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 281-294

Previous Track See: Powertrain Management/System Diagram/Track 267-280

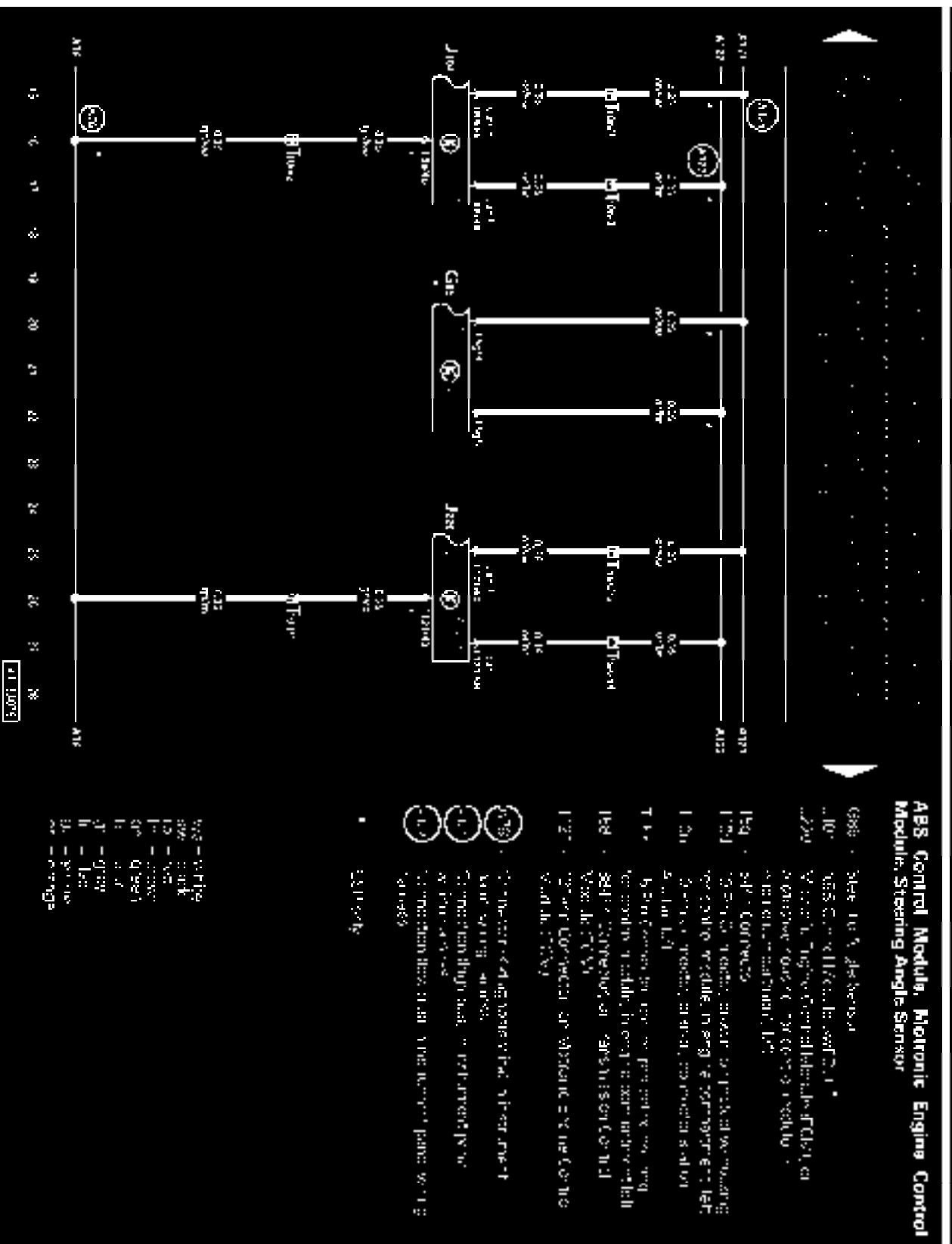
Information Bus

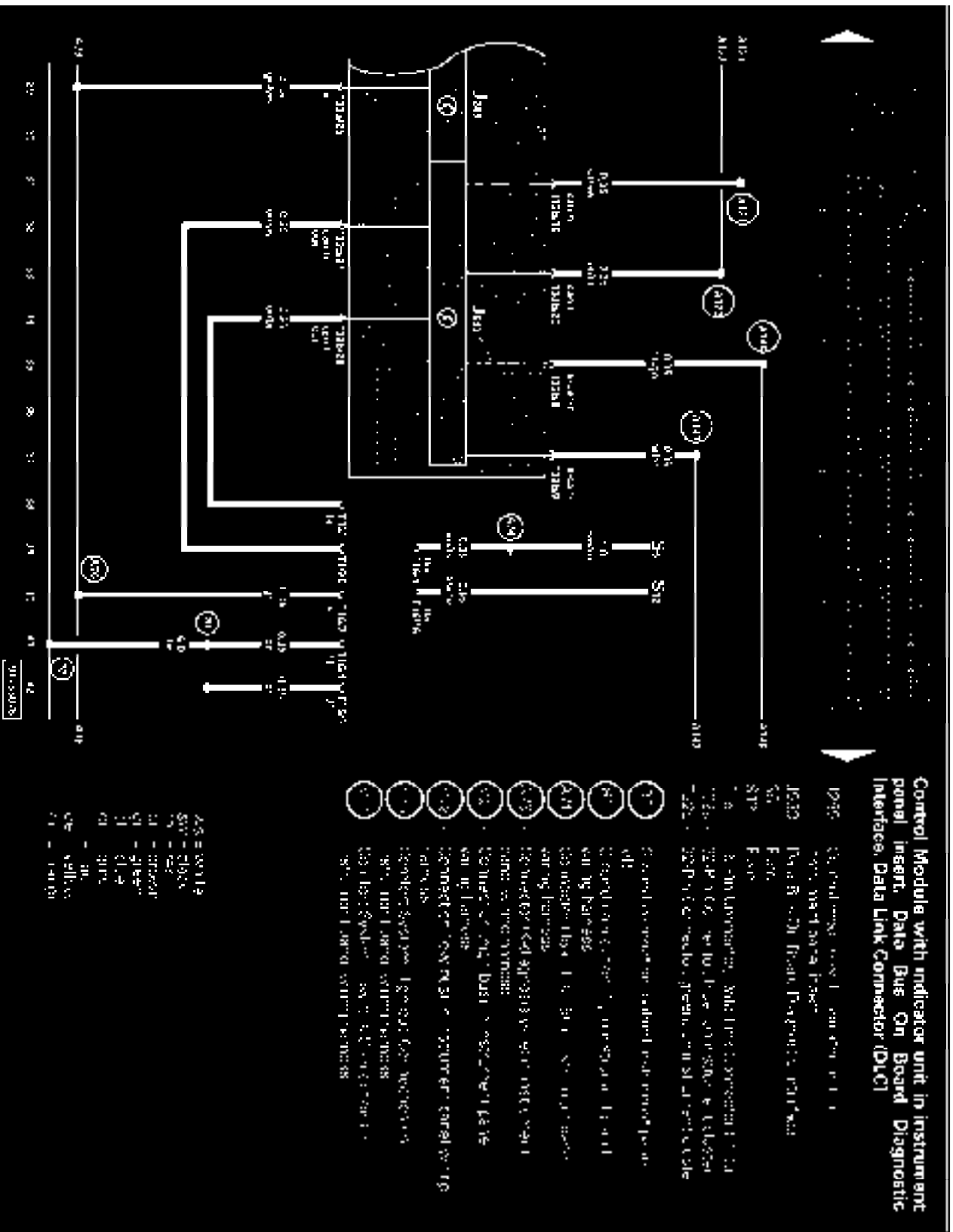
CAN-Bus - powertrain, comfort system and diagnosis, from October 2000

IMPORTANT NOTE

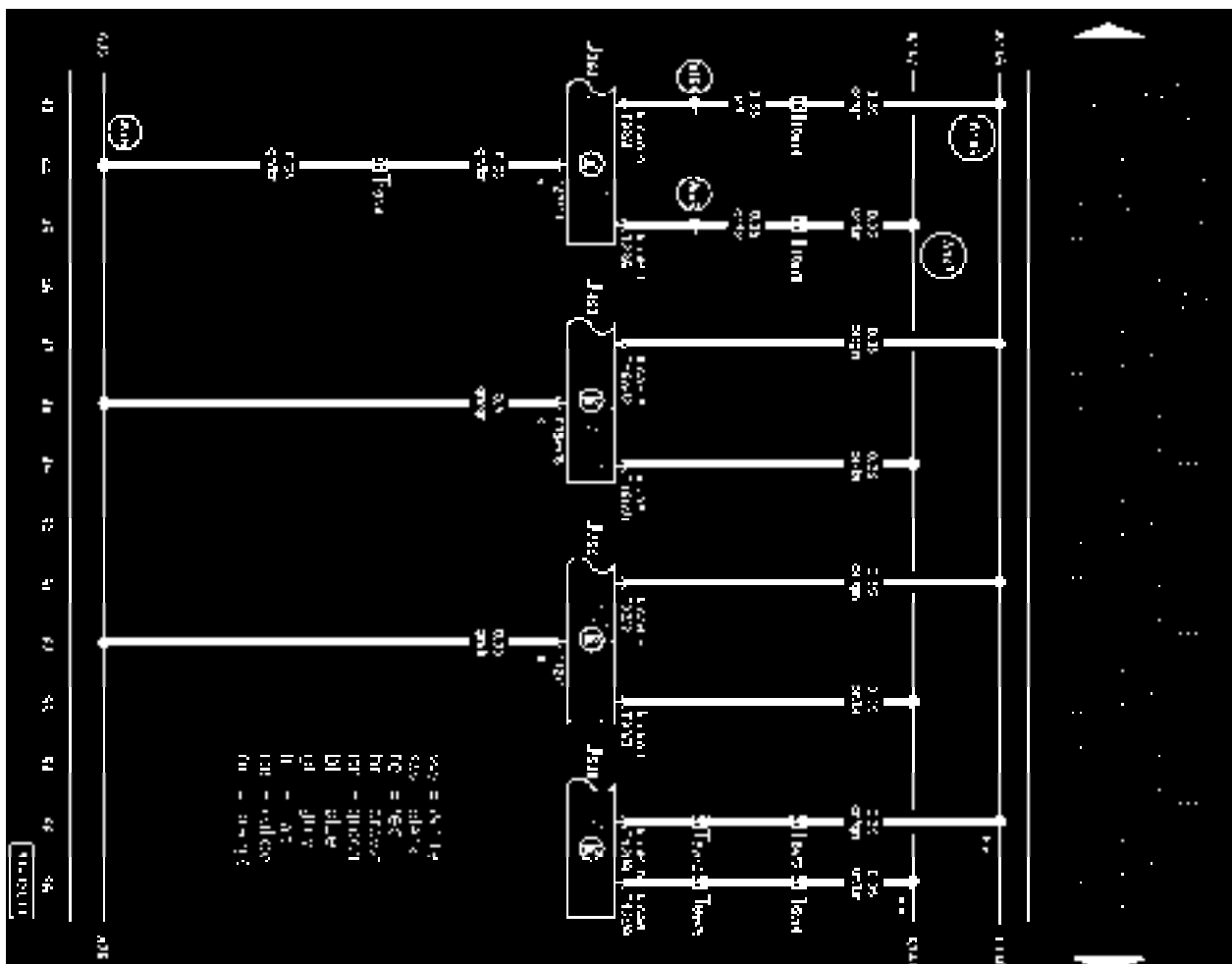
This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions





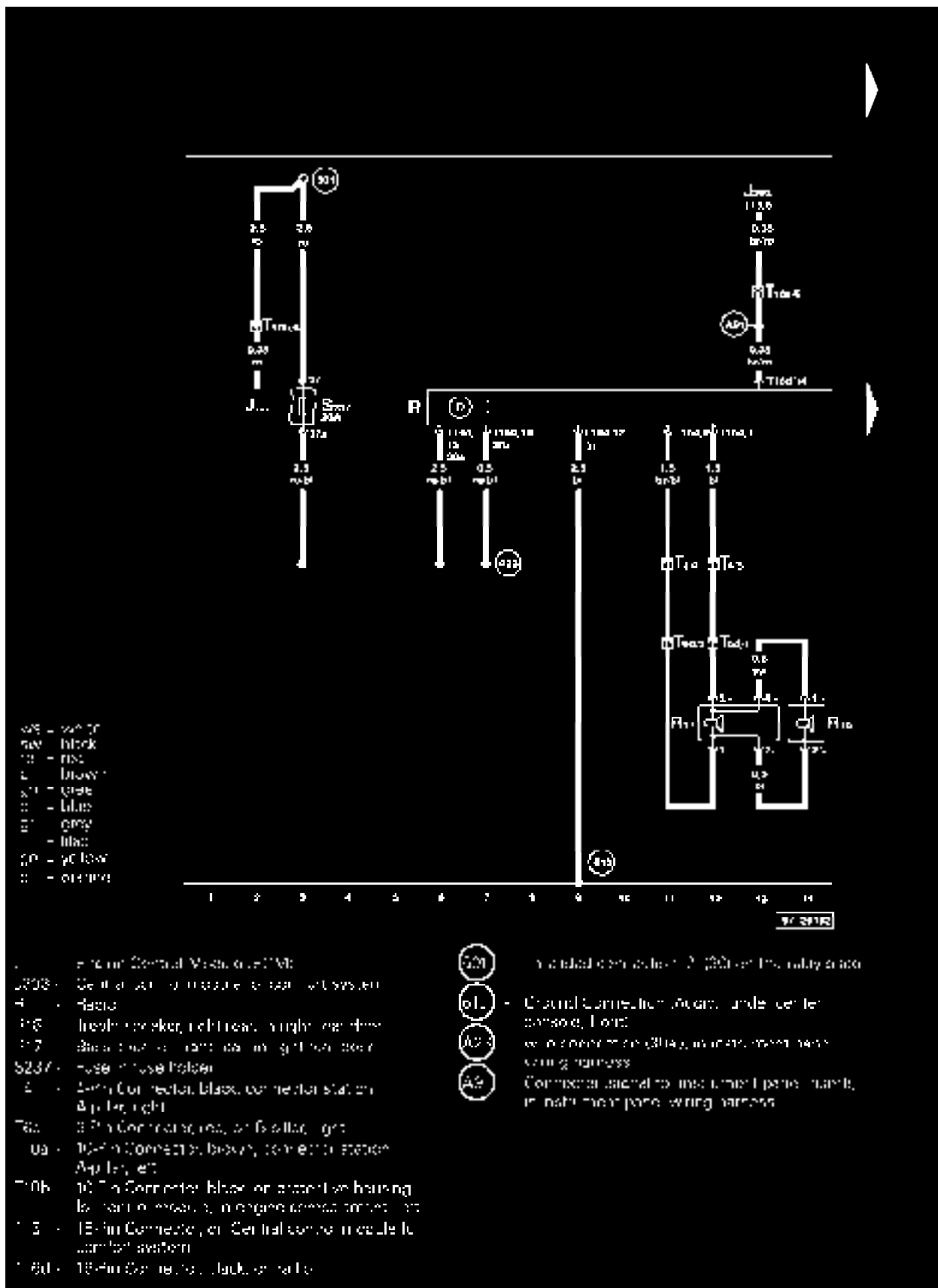
Track 29-42



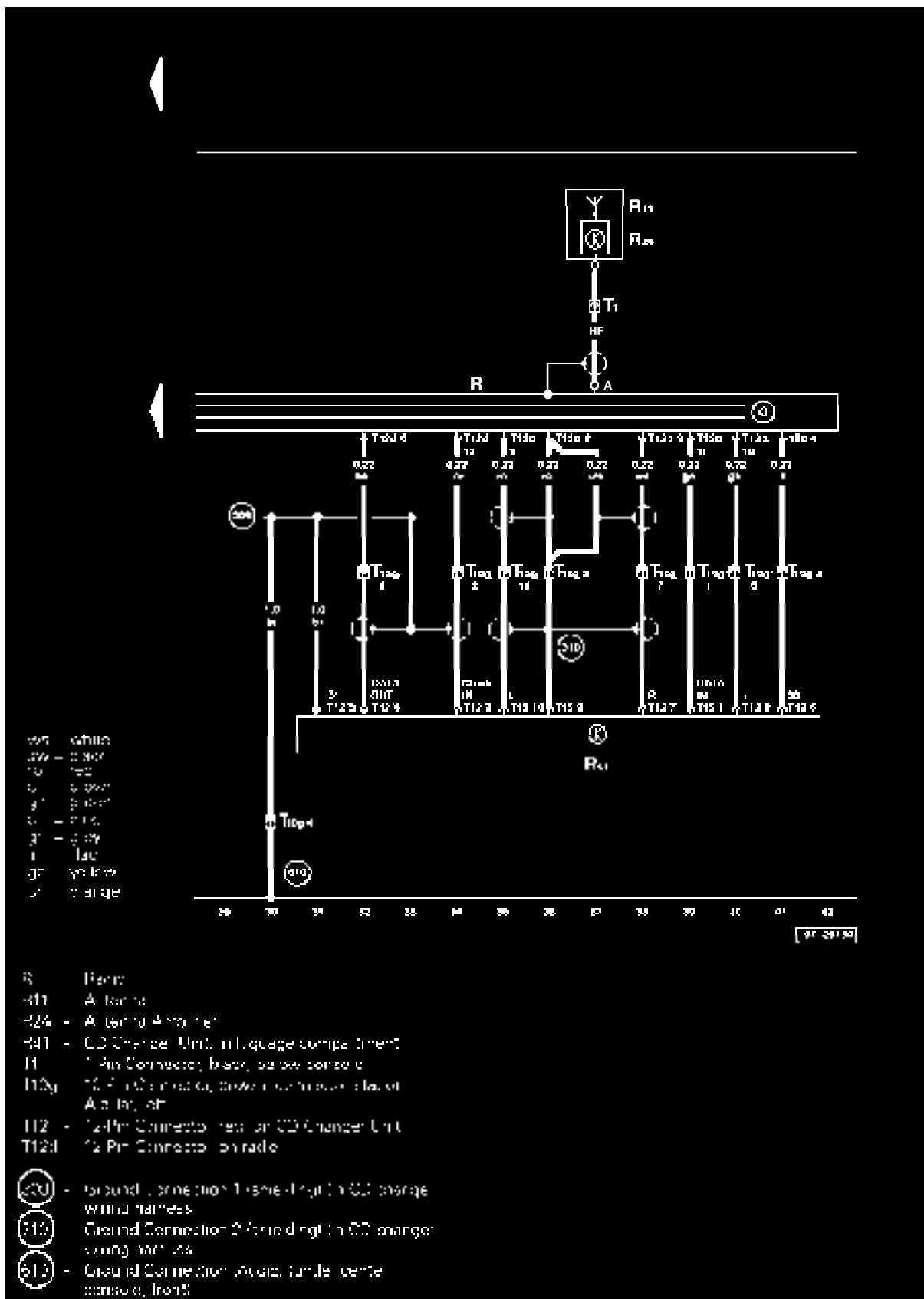
Climate Control Module, Central Control Module for comfort system, Fuel Pump (FP) Control Module

- 101 - Climate Control Module
- 102 - Central Control Module
- 103 - Fuel Pump Control Module
- 104 - Multi-Function Steering Wheel
- 105 - Ground
- 106 - Battery
- 107 - Ignition
- 108 - Fuel Pump
- 109 - Climate Control Module
- 110 - Central Control Module
- 111 - Fuel Pump Control Module
- 112 - Multi-Function Steering Wheel
- 113 - Ground
- 114 - Battery
- 115 - Ignition
- 116 - Fuel Pump
- 117 - Climate Control Module
- 118 - Central Control Module
- 119 - Fuel Pump Control Module
- 120 - Multi-Function Steering Wheel
- 121 - Ground
- 122 - Battery
- 123 - Ignition
- 124 - Fuel Pump

Track 43-56



Track 1-14



Track 29-42

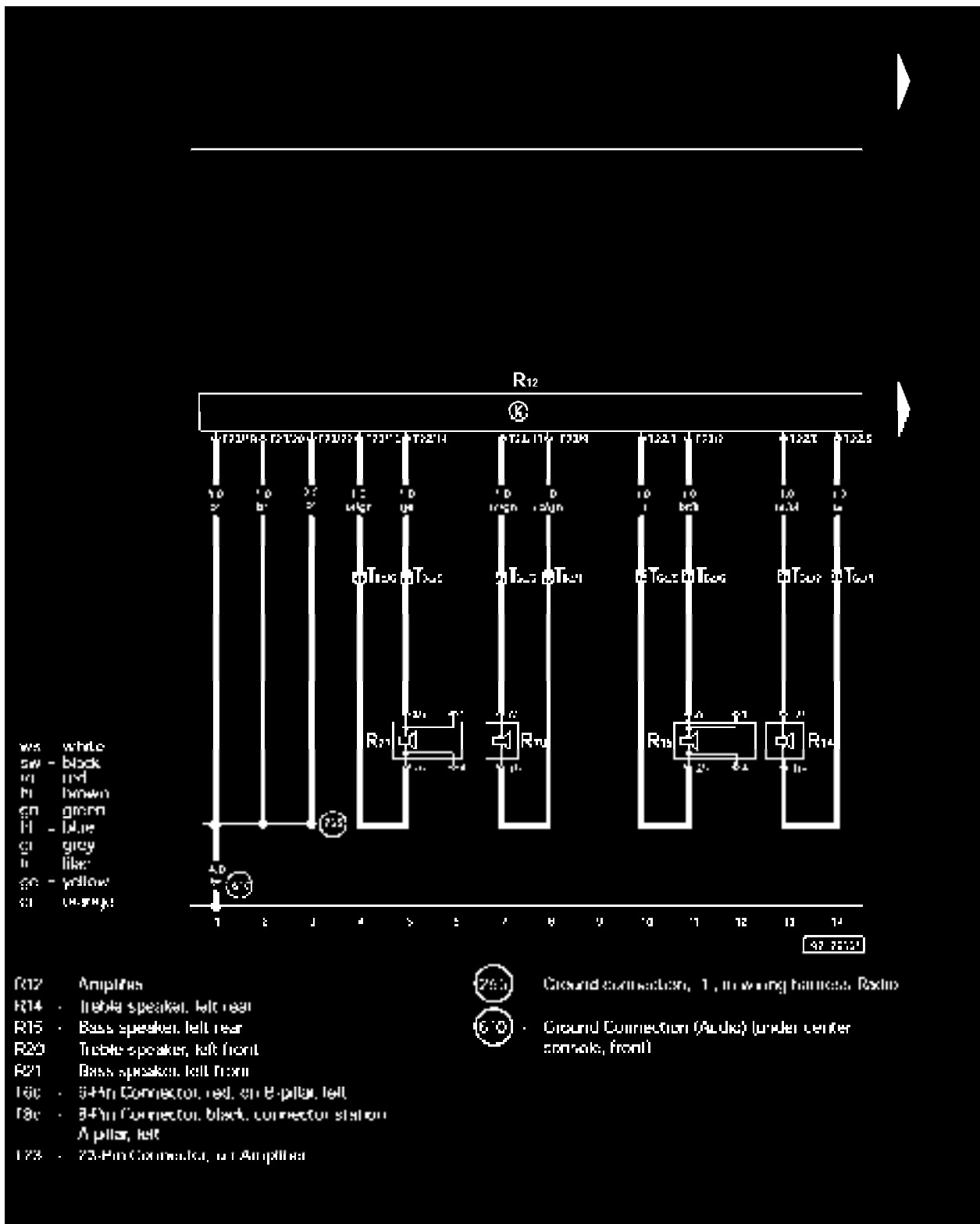
Radio Monsoon-Sound System From October 2000

Multi-Function Steering Wheel, from May 2000

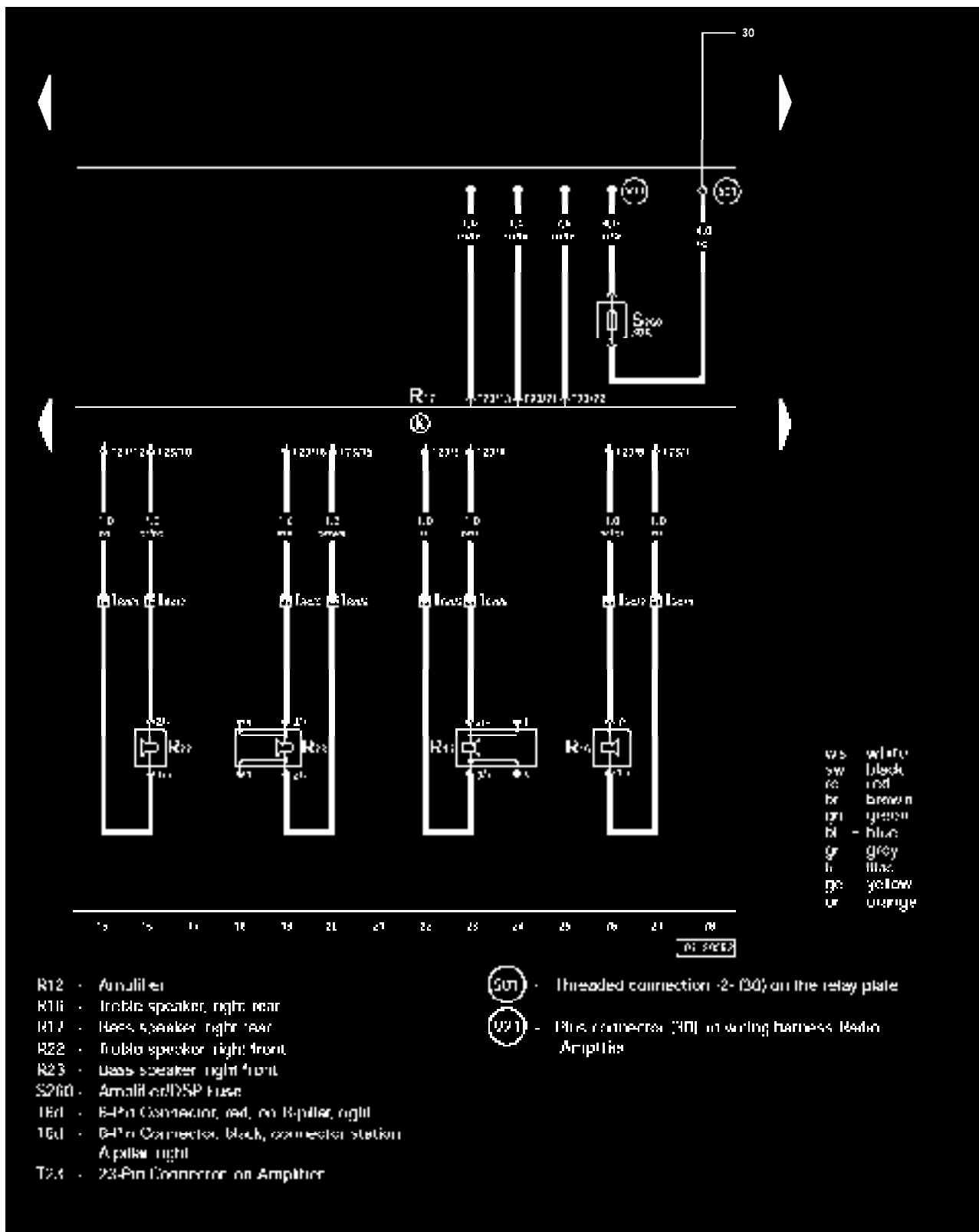
IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

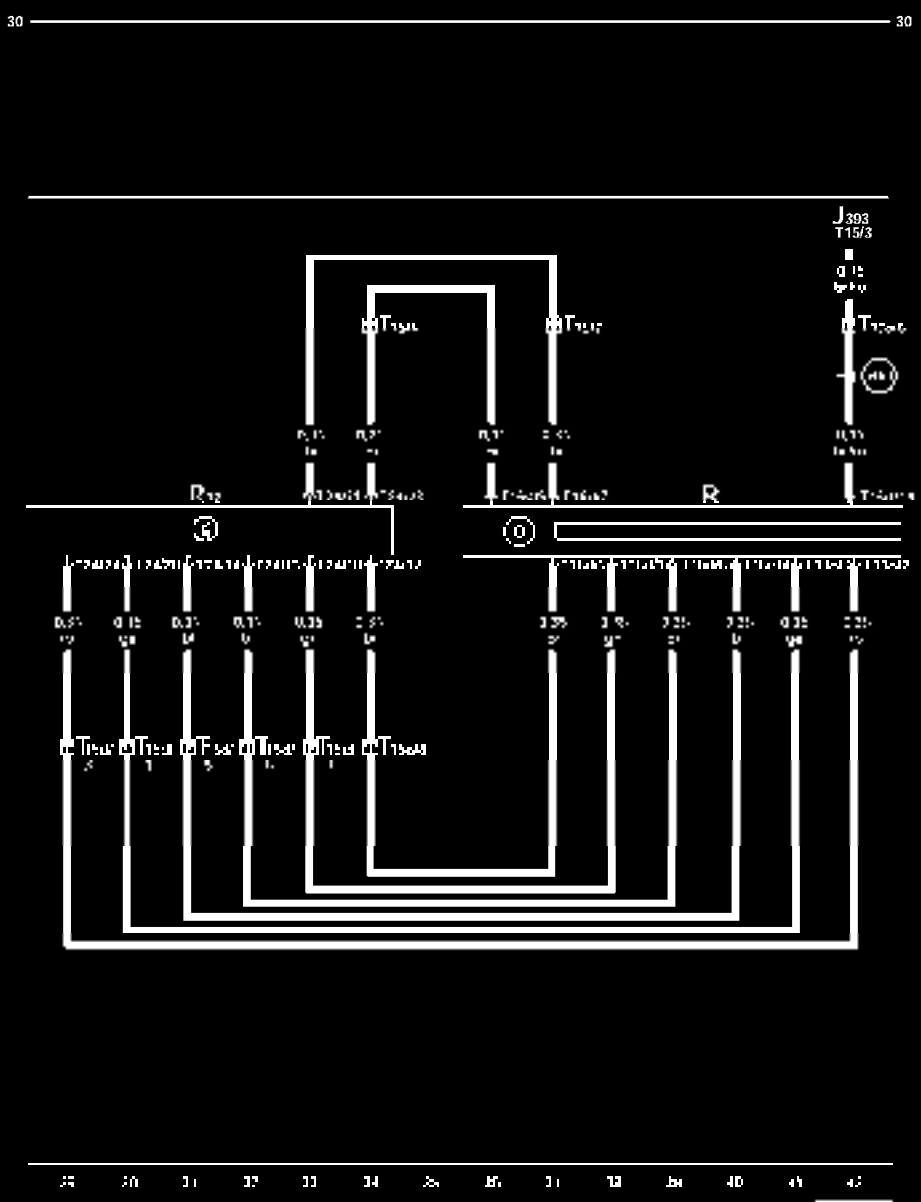
For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 1-14



Track 15-28

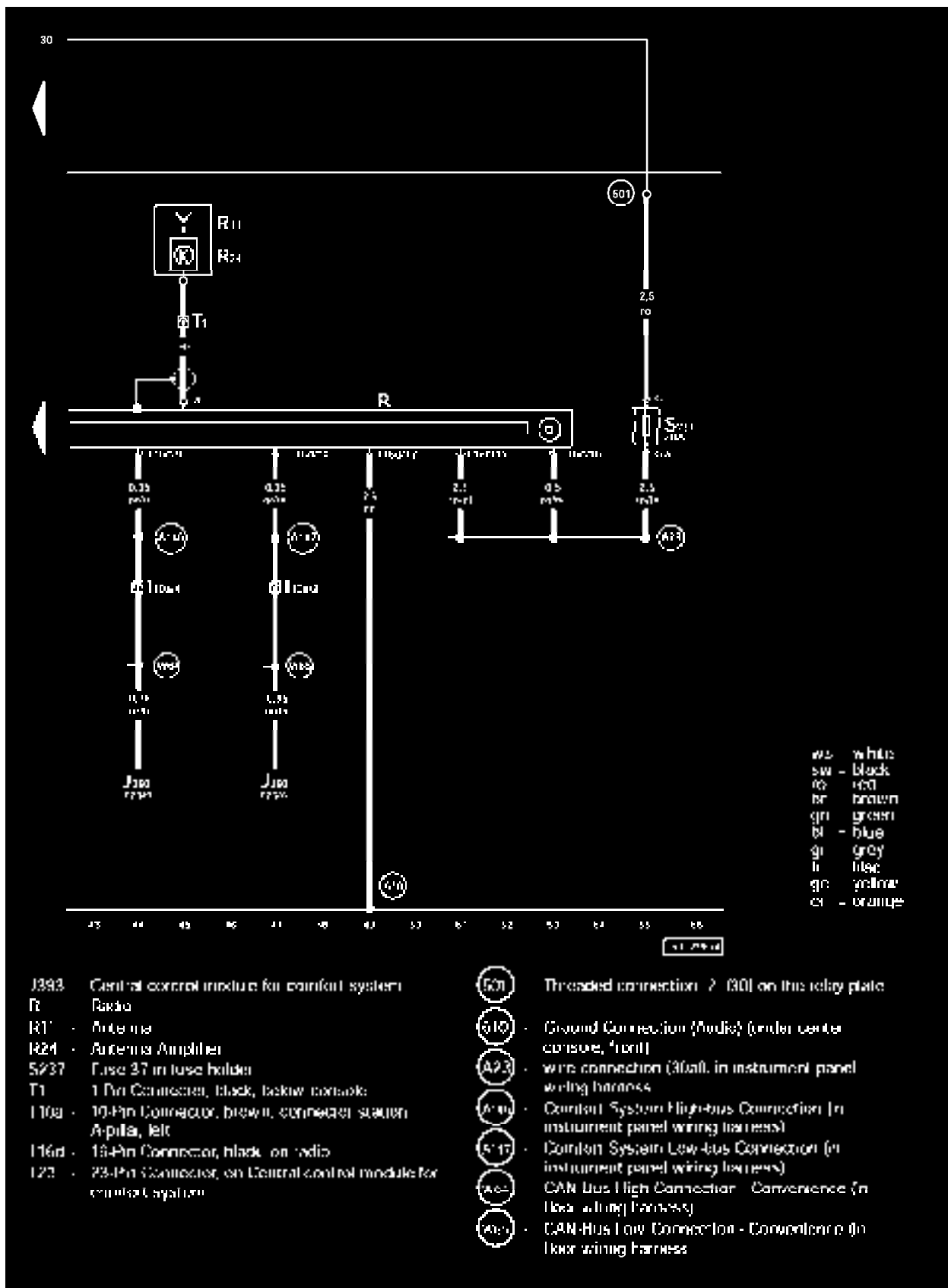


- wh - white
- sw - black
- rd - red
- br - brown
- gn - green
- bl - blue
- gr - grey
- li - lilac
- gn - yellow
- or - orange

- J393 - Central control module for comfort system
- R - Module
- R12 - Amplifier
- T10a - 10-Pin Connector, brown, connector station, Axillar, left
- T15 - 15-Pin Connector, on Central control module for comfort system
- T15d - 15-Pin Connector, white, connector station, Axillar, left
- T16d - 16-Pin Connector, black, on radio
- T24 - 24-Pin Connector, on Amplifier

(W1) - Connector (signal for instrument panel insert), in instrument panel wiring harness

Track 29-42



Track 43-56

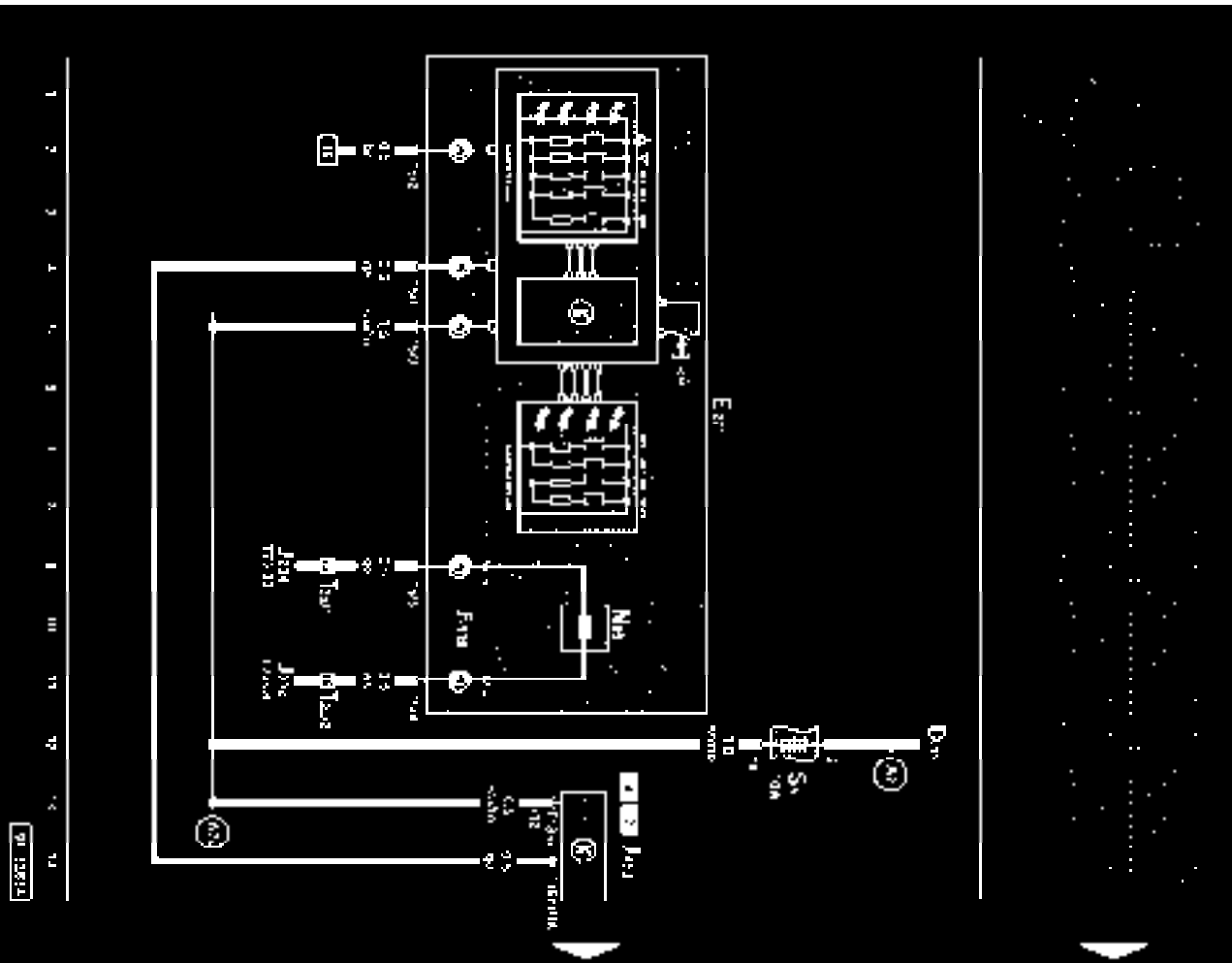
Multifunction Steering Wheel From May 2000

Multi-Function Steering Wheel, from May 2000

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Control Unit in Steering Wheel, Control Module for Multi-Function Steering Wheel

- 1 - Ignition (see Section 12.1)
- 2 - Control Unit to steering wheel
- 3 - Control Unit to Steering Wheel
- 4 - Control Unit to Steering Wheel
- 5 - Control Unit to Steering Wheel
- 6 - Control Unit to Steering Wheel
- 7 - Control Unit to Steering Wheel
- 8 - Control Unit to Steering Wheel
- 9 - Control Unit to Steering Wheel
- 10 - Control Unit to Steering Wheel
- 11 - Control Unit to Steering Wheel
- 12 - Control Unit to Steering Wheel
- 13 - Control Unit to Steering Wheel
- 14 - Control Unit to Steering Wheel

12 - Ignition (see Section 12.1)

2 - Control Unit to steering wheel

3 - Control Unit to Steering Wheel

4 - Control Unit to Steering Wheel

5 - Control Unit to Steering Wheel

6 - Control Unit to Steering Wheel

7 - Control Unit to Steering Wheel

8 - Control Unit to Steering Wheel

9 - Control Unit to Steering Wheel

10 - Control Unit to Steering Wheel

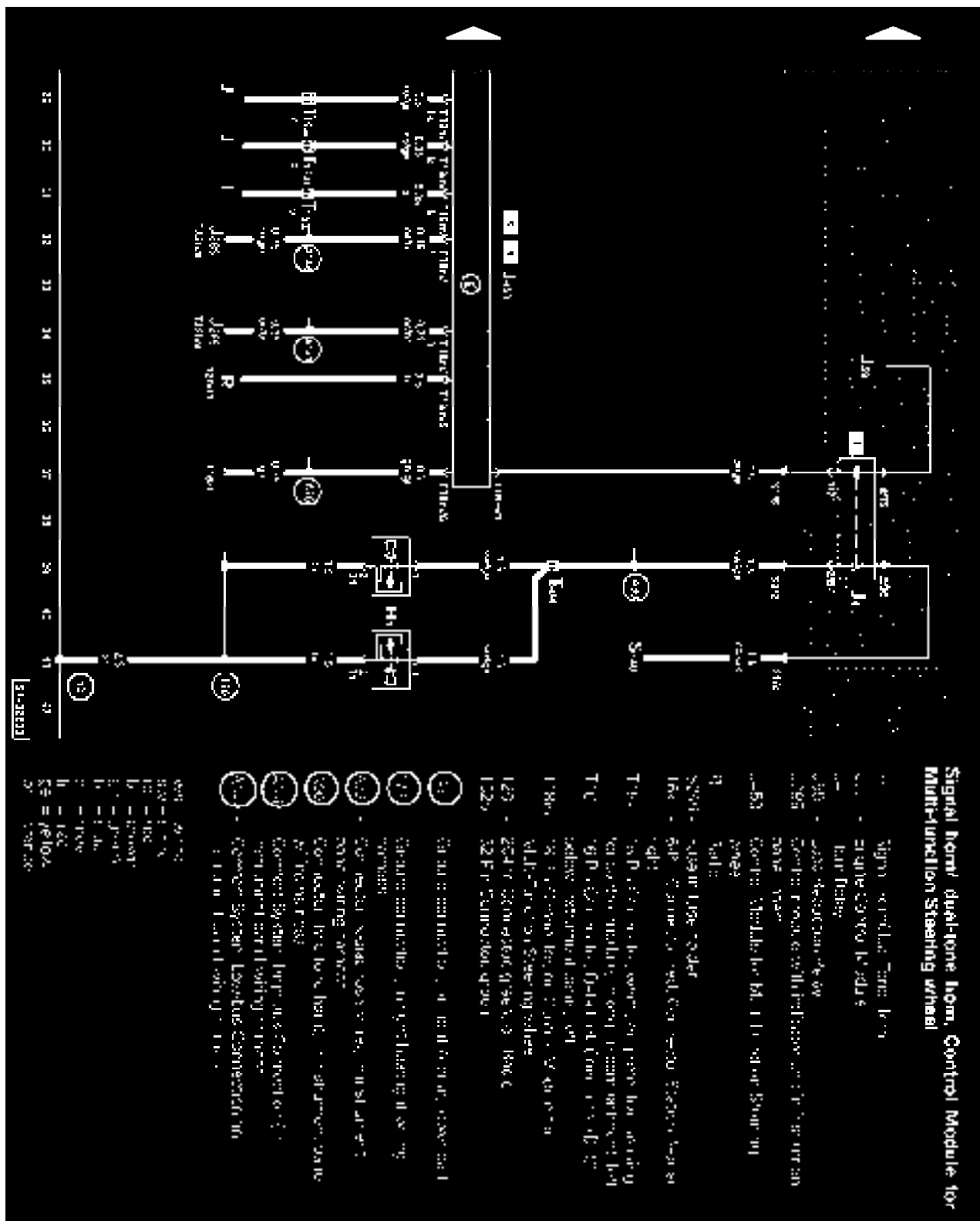
11 - Control Unit to Steering Wheel

12 - Control Unit to Steering Wheel

13 - Control Unit to Steering Wheel

14 - Control Unit to Steering Wheel

Track 1-14



Track 29-42

System Diagram

For further information regarding diagrams for this system please refer to Powertrain Management Diagrams. See: Powertrain Management/Diagrams/Electrical Diagrams

Wiring Diagram Index

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions

COMPONENTS	TRACKS
ABS Control Module (w/EDL)	57-70
Airbag Control Module	57-70
Airbag Spiral Spring/Return Spring With Slip Ring	239-252
Back-Up Light Switch	197-210
Back-Up Lights	183-196. 197-210
Battery	1-14
Brake and Parking Brake Warning Light	85-98
Brake Fluid Level Warning Light	85-98
Brake Fluid Level Warning Switch	99-112
Brake Light Switch	183-196
Brake/Tail Lights	183-196. 197-210
Center Instrument Panel Vent Illumination	211-224
Central control module for comfort system	1-14, 43-56 155-168. 211-224. 239-252.
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Cigarette Lighter Light	211-224
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Data Bus On Board Diagnostic Interface	57-70
Daytime Running Lights Change-over Relay	99-112
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Digital Display Light	43-56

Components "Ab - Di"

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Emergency Flasher Switch Light	155-168
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Fog Light Relay, on auxiliary relay panel	127-140
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Ignition/Starter Switch	15-28

Components "Em - Ig"

COMPONENTS	TRACKS
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Indicator light for emergency flasher system	155-168
Indicator light for heated rear windshield	267-280
Induction coil of anti-theft immobilizer	71-84
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Instrument Panel Vent Illuminations	211-224
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License Plate Light	141-154
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Low Tone Horn	239-252
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Motor for rear windshield wiper	281-294
Multi-Function Indicator (MFI)	85-98
Multi-Function Indicator Memory Switch	85-98
Multi-Function Indicator Mode Select Switch	85-98
Odometer Display	43-56
Oil Level Thermal Sensor	43-56
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Components "II - Ra"

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Rear Window Defogger Switch Light	267-280
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COMPONENTS (AMPERES)	TRACKS
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Fuse 4 (5A)	141-154
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Fuse 22 (5A)	141-154
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Fuse 26 in fuse holder (30A)	267-280
Fuse 27 in fuse holder (15A)	267-280
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Fuse 25 in fuse holder (30A)	253-266
Fuse 31 in fuse holder (15A)	29-42
Fuse 33 in fuse holder (15A)	211-224
Fuse 36 in fuse holder (15A)	225-238
Fuse 37 in fuse holder (20A)	211-224
Fuse 39 in fuse holder (15A)	29-42
Fuse 40 in fuse holder (25A)	29-42

Fuses

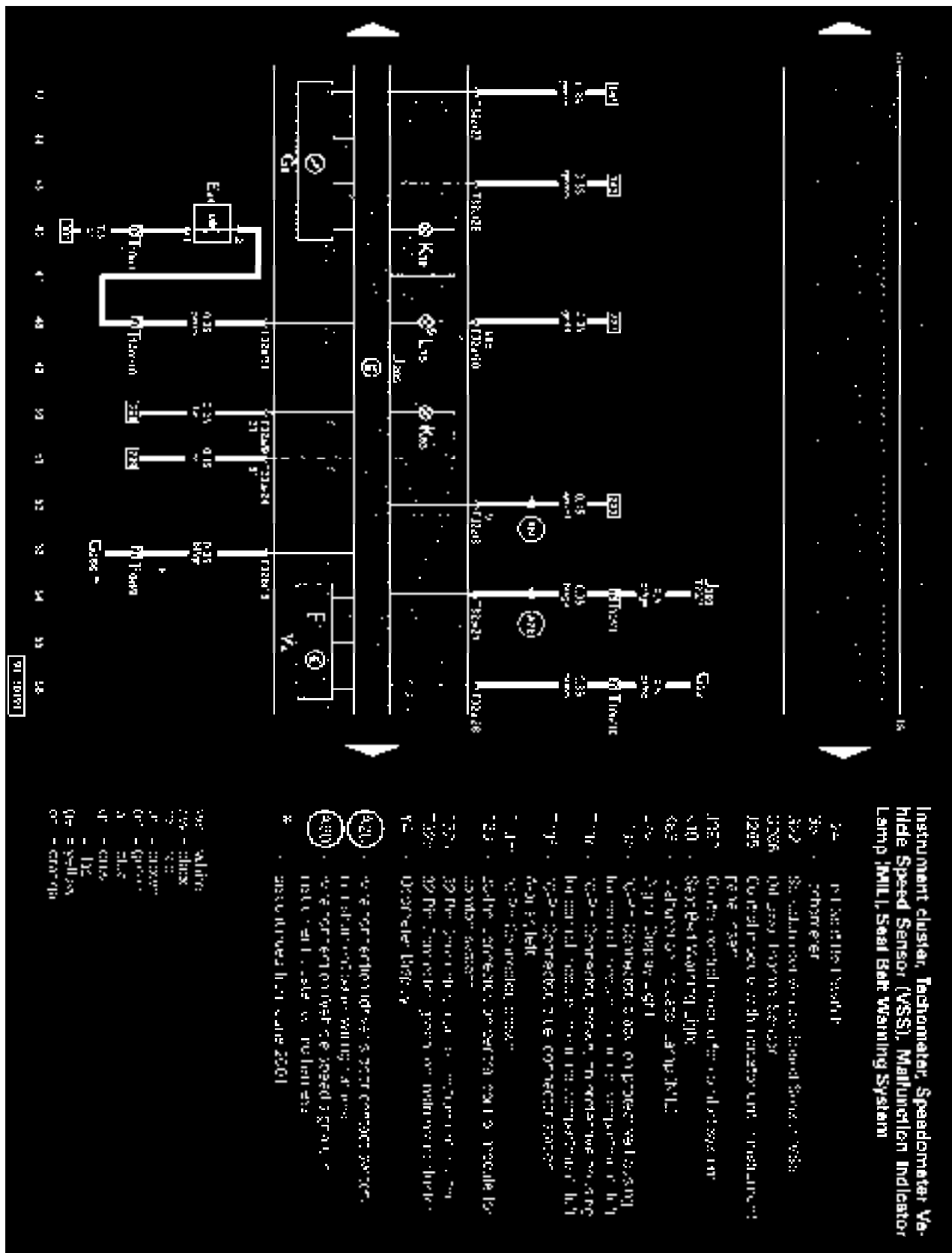
NOTE: Starting with fuse 23, fuses in the fuse holder are identified with an additional numeral 2 added to the number when shown in the wiring diagram (i.e fuse 23 in the vehicle becomes 223 in the diagrams, fuse 24 becomes 224, and so on).

Track 1-14

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 43-56

Next Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 57-70

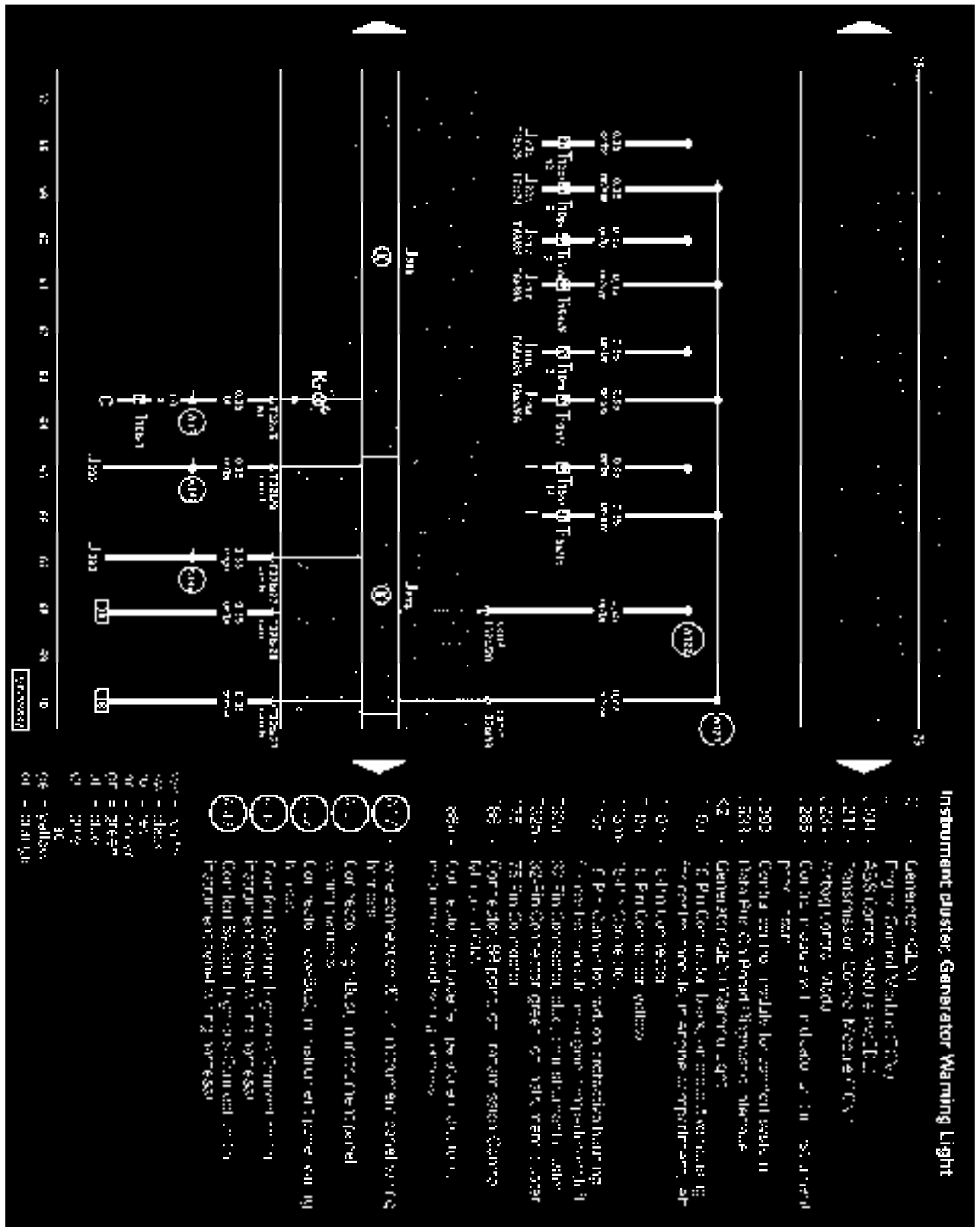
Previous Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 29-42

Track 57-70

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 57-70

Next Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 71-84

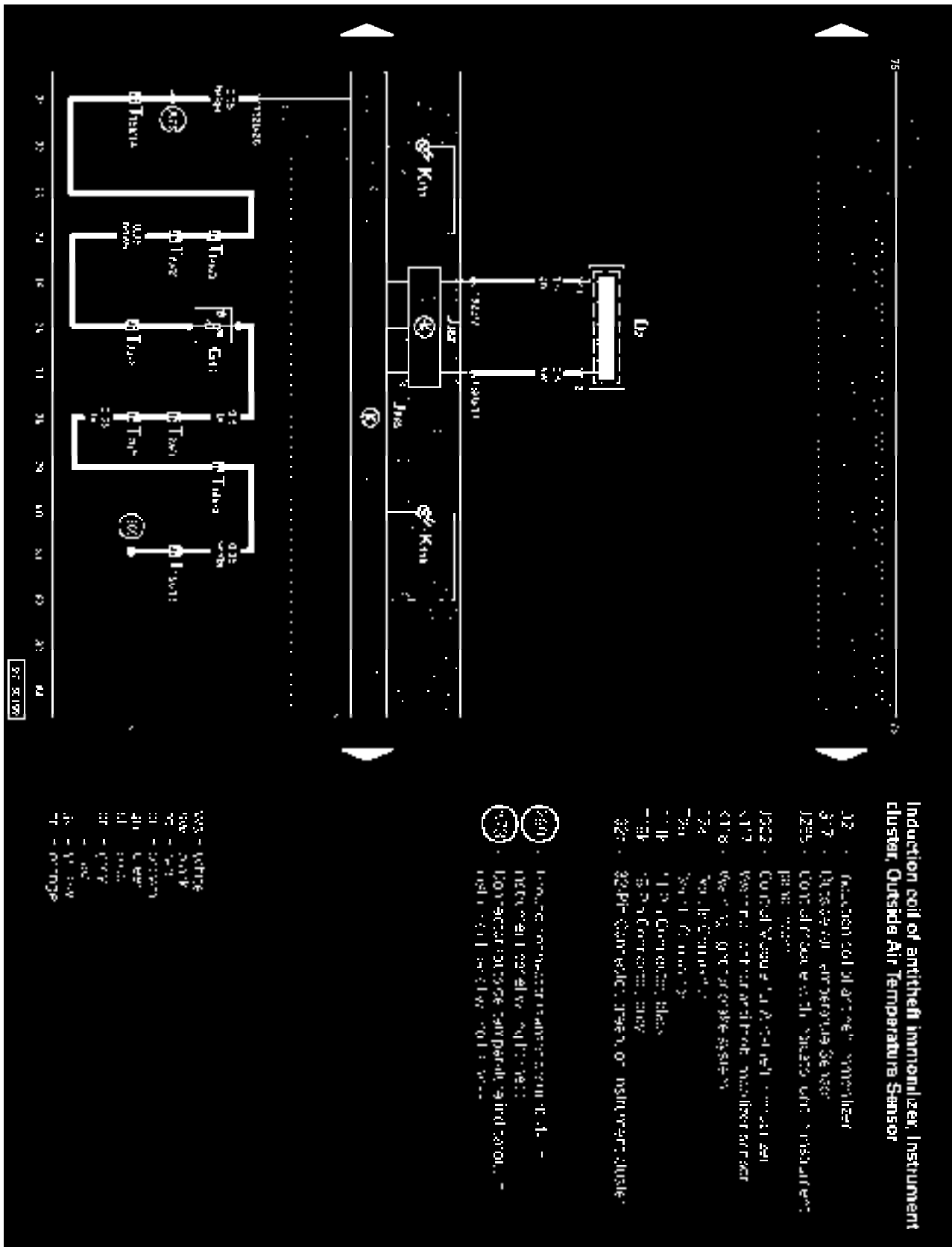
Previous Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 43-56

Track 71-84

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



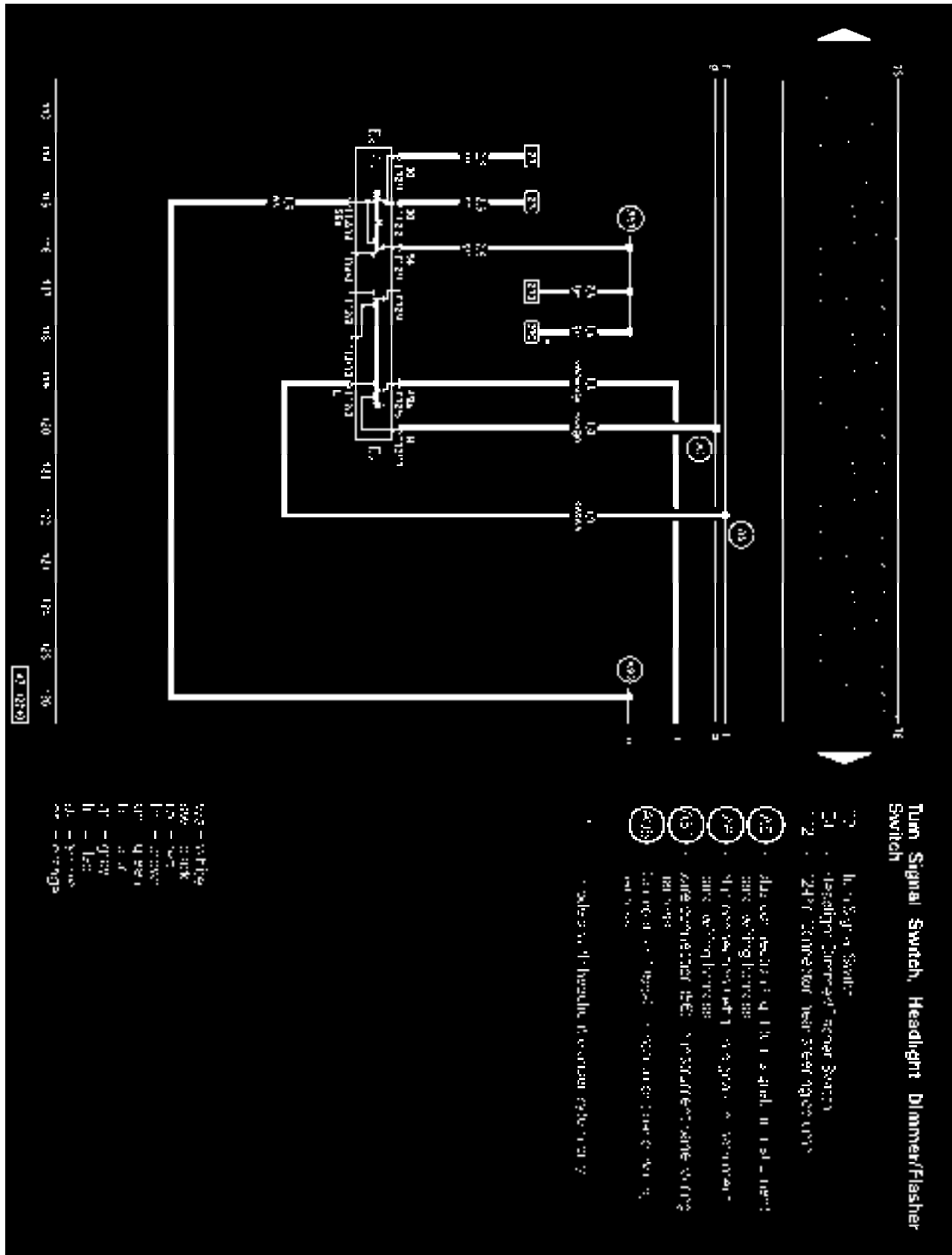
Track 71-84

Next Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 85-98
 Previous Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 57-70
Track 85-98

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 113-126

Next Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 127-140

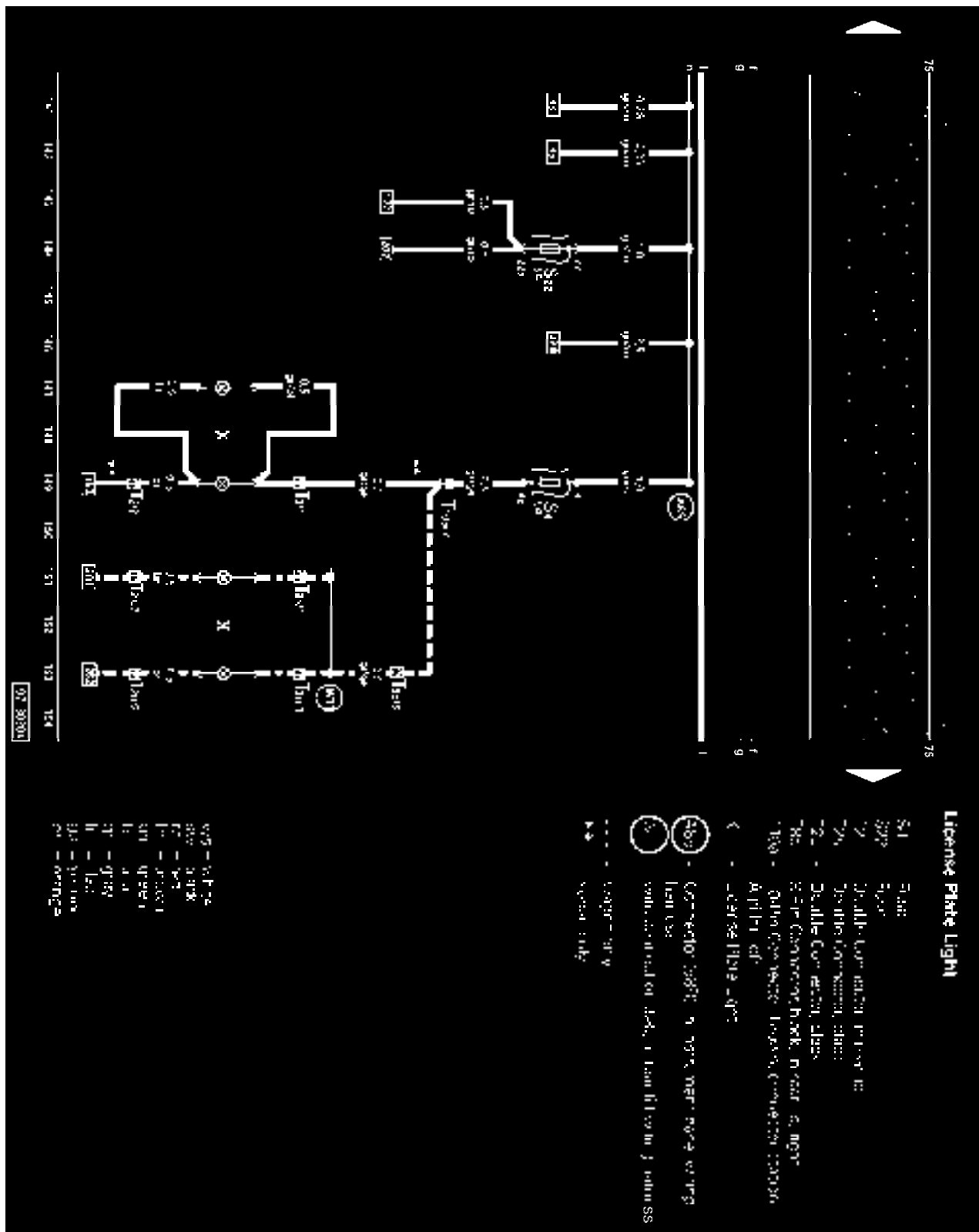
Previous Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 99-112

Track 127-140

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 141-154

Next Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 155-168

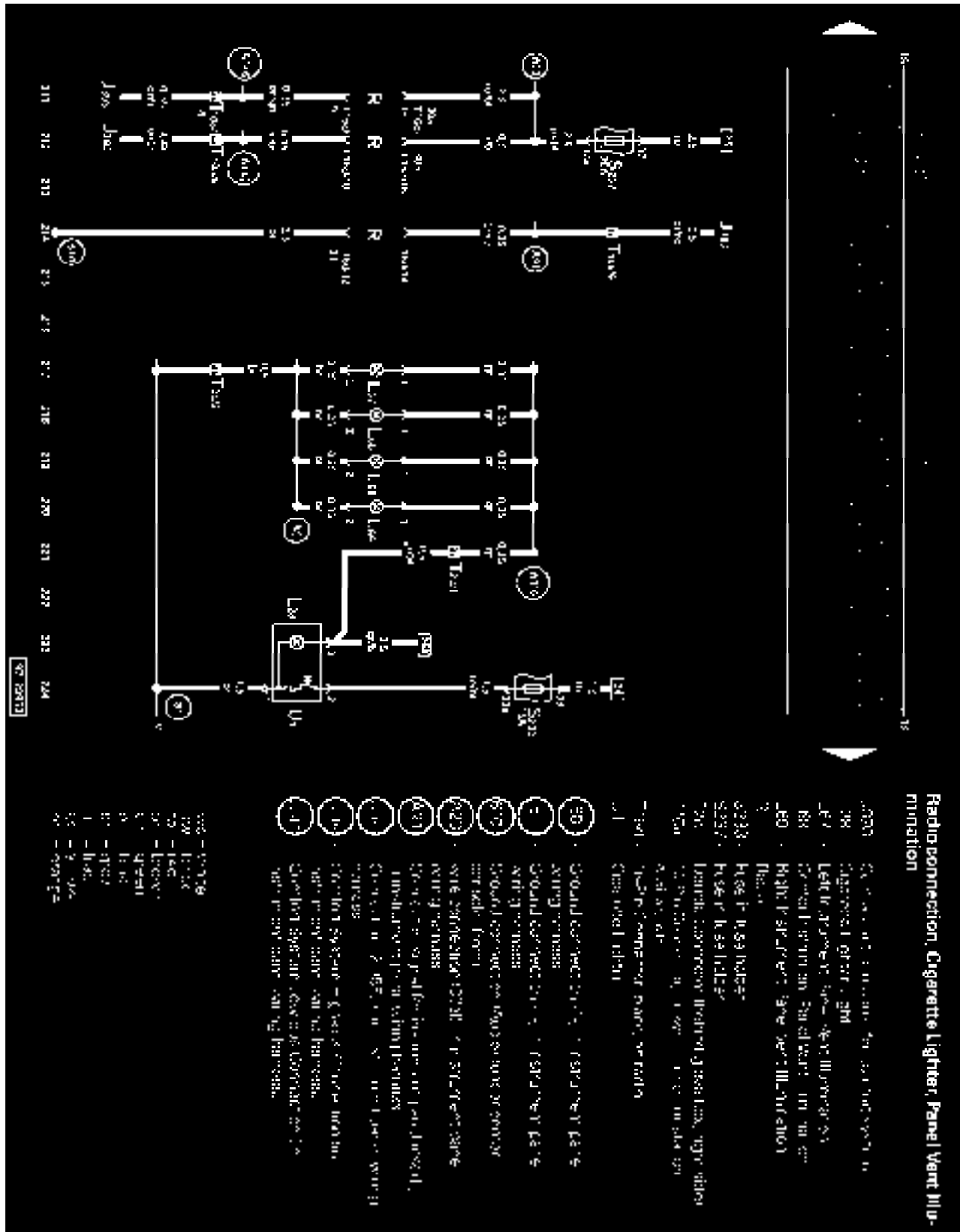
Previous Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 127-140

Track 155-168

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 211-224

Next Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 225-238

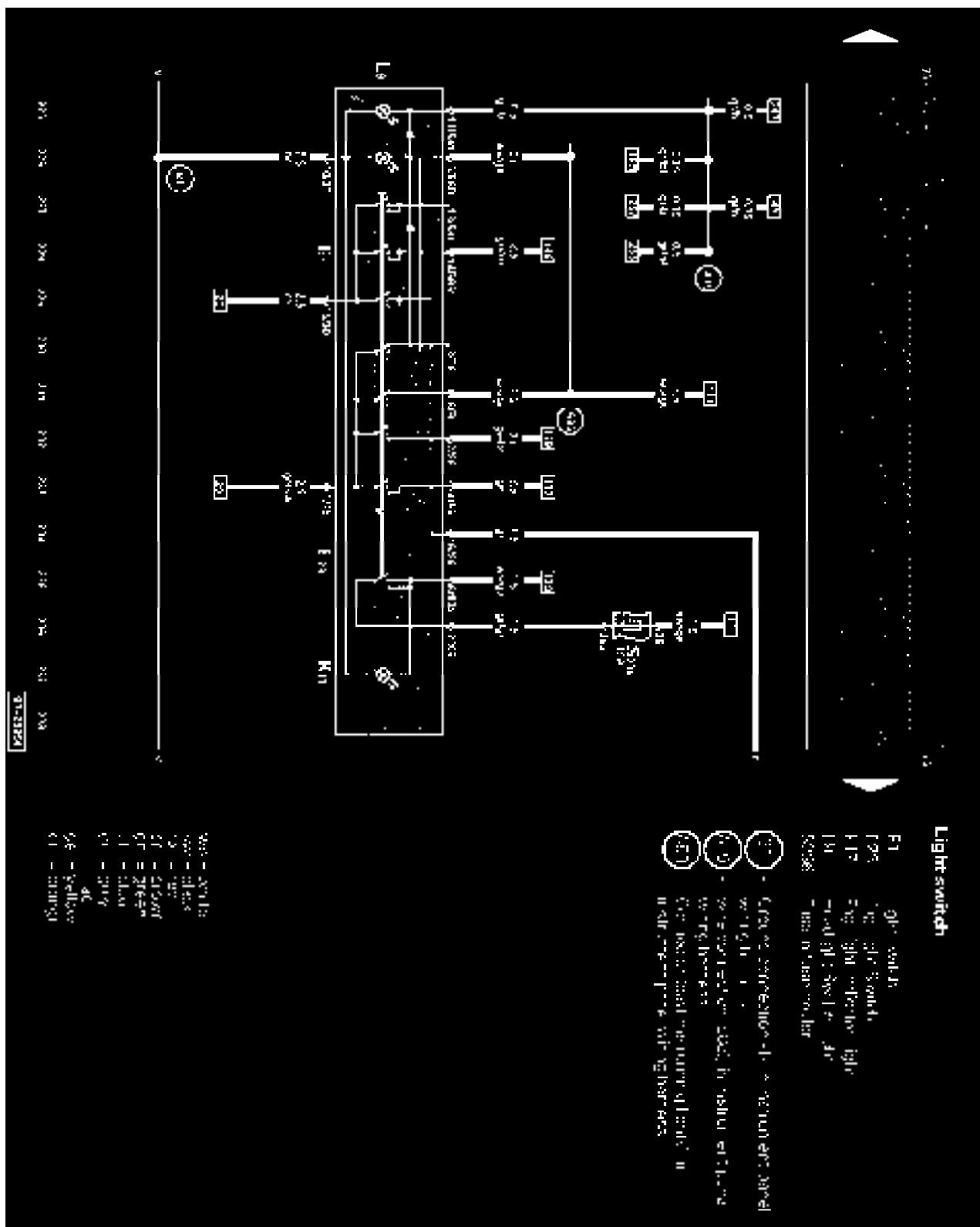
Previous Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 197-210

Track 225-238

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 225-238

Next Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 239-252

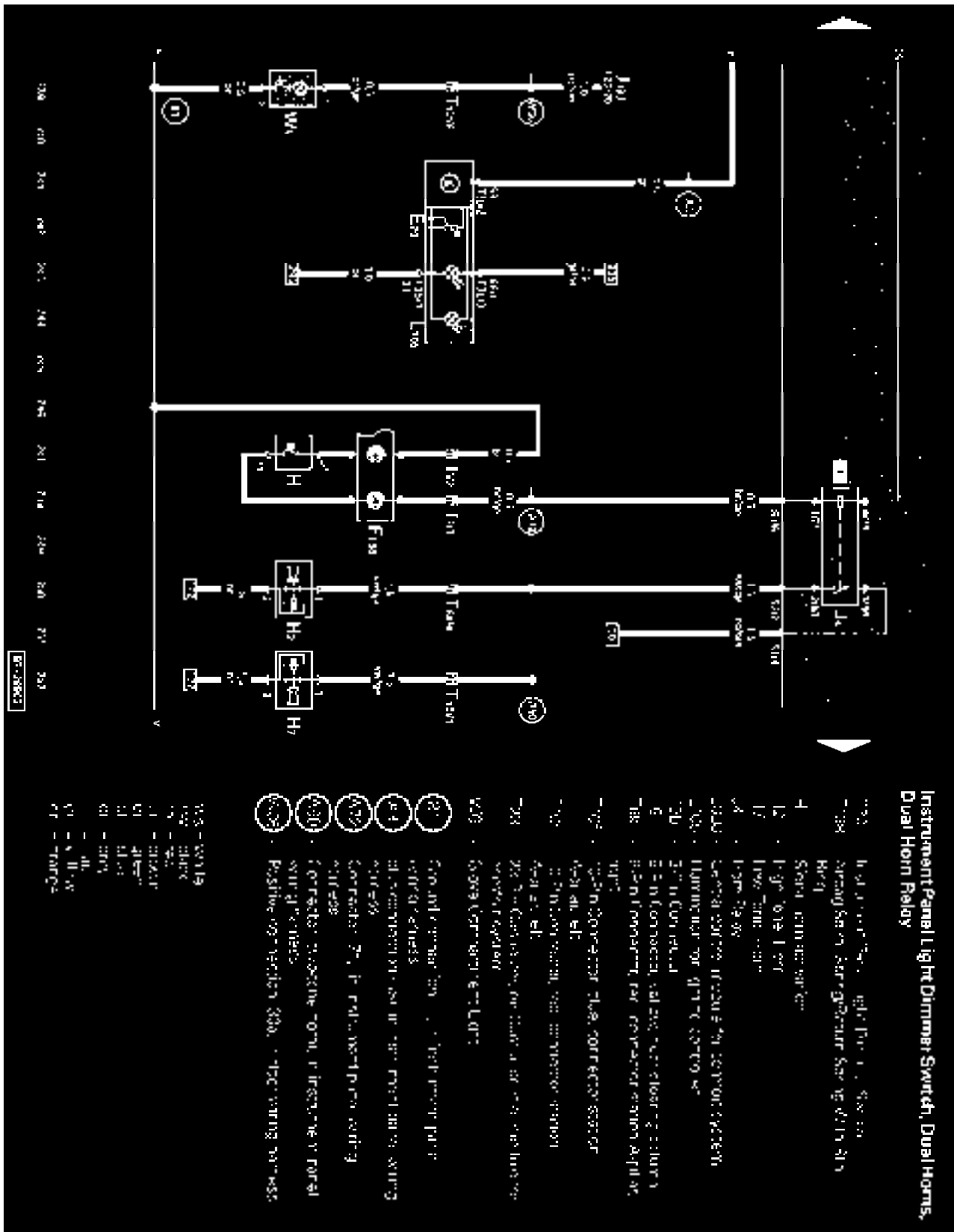
Previous Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 211-224

Track 239-252

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Next Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 253-266

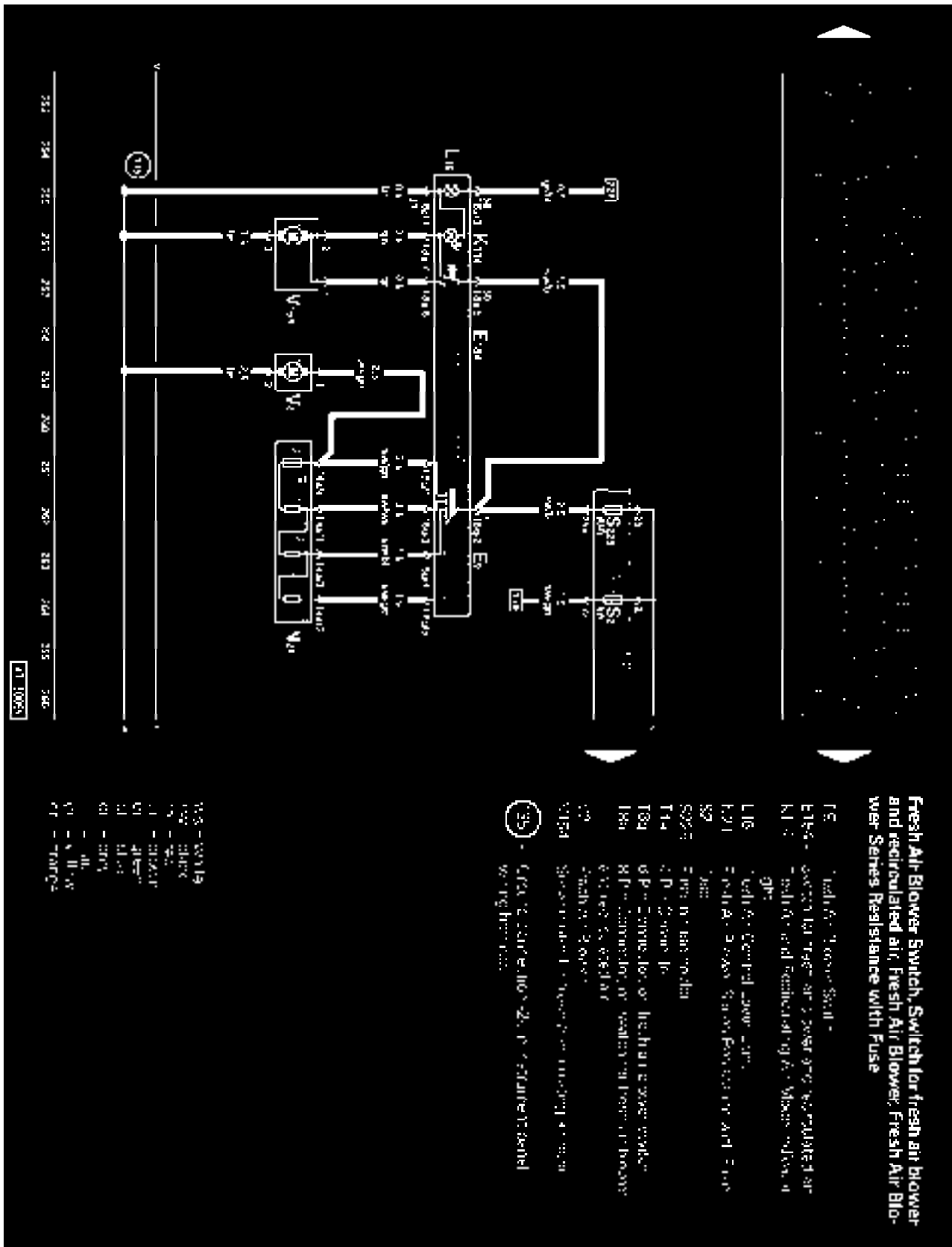
Previous Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 225-238

Track 253-266

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Next Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 267-280

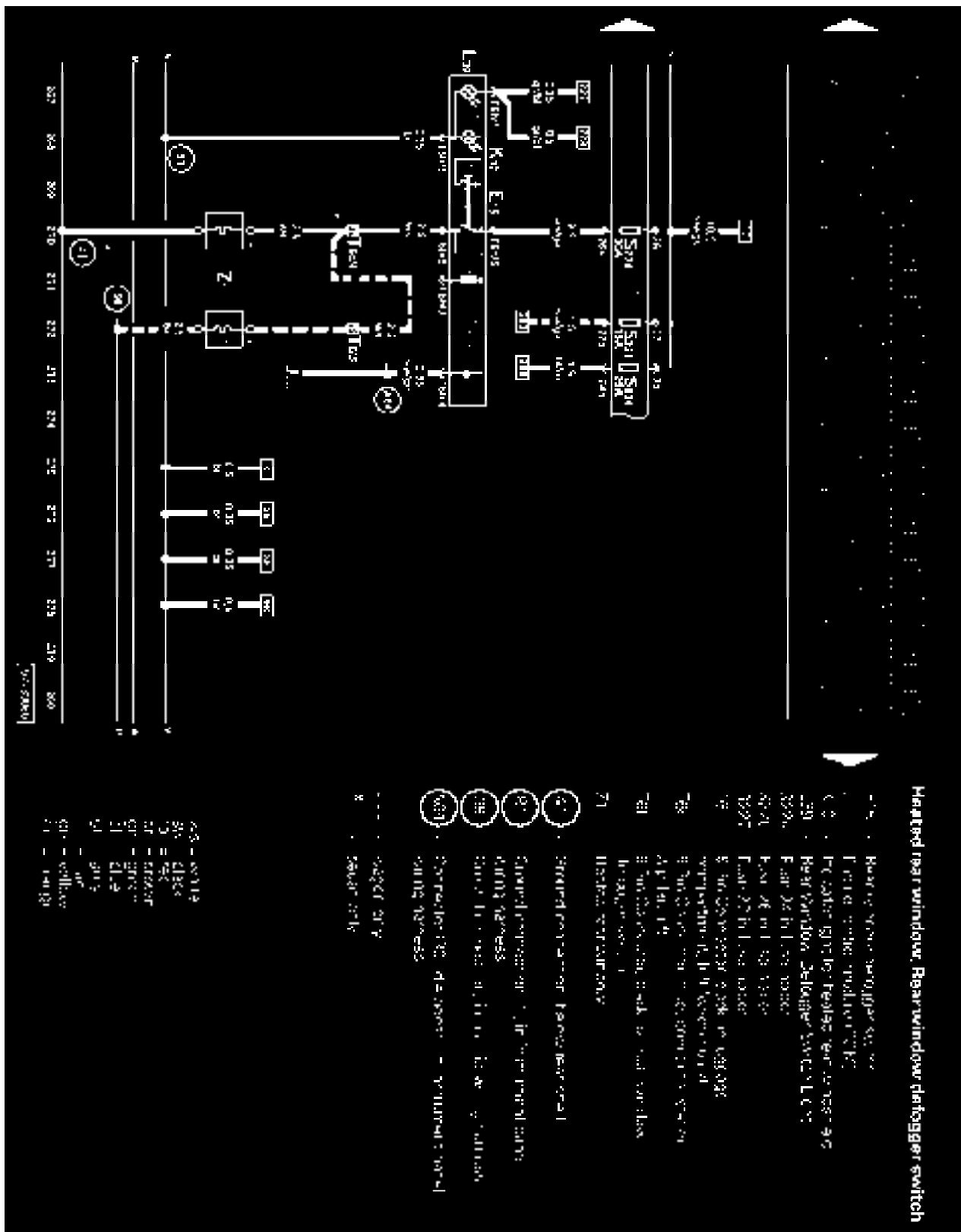
Previous Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 239-252

Track 267-280

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 267-280

Next Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 281-294

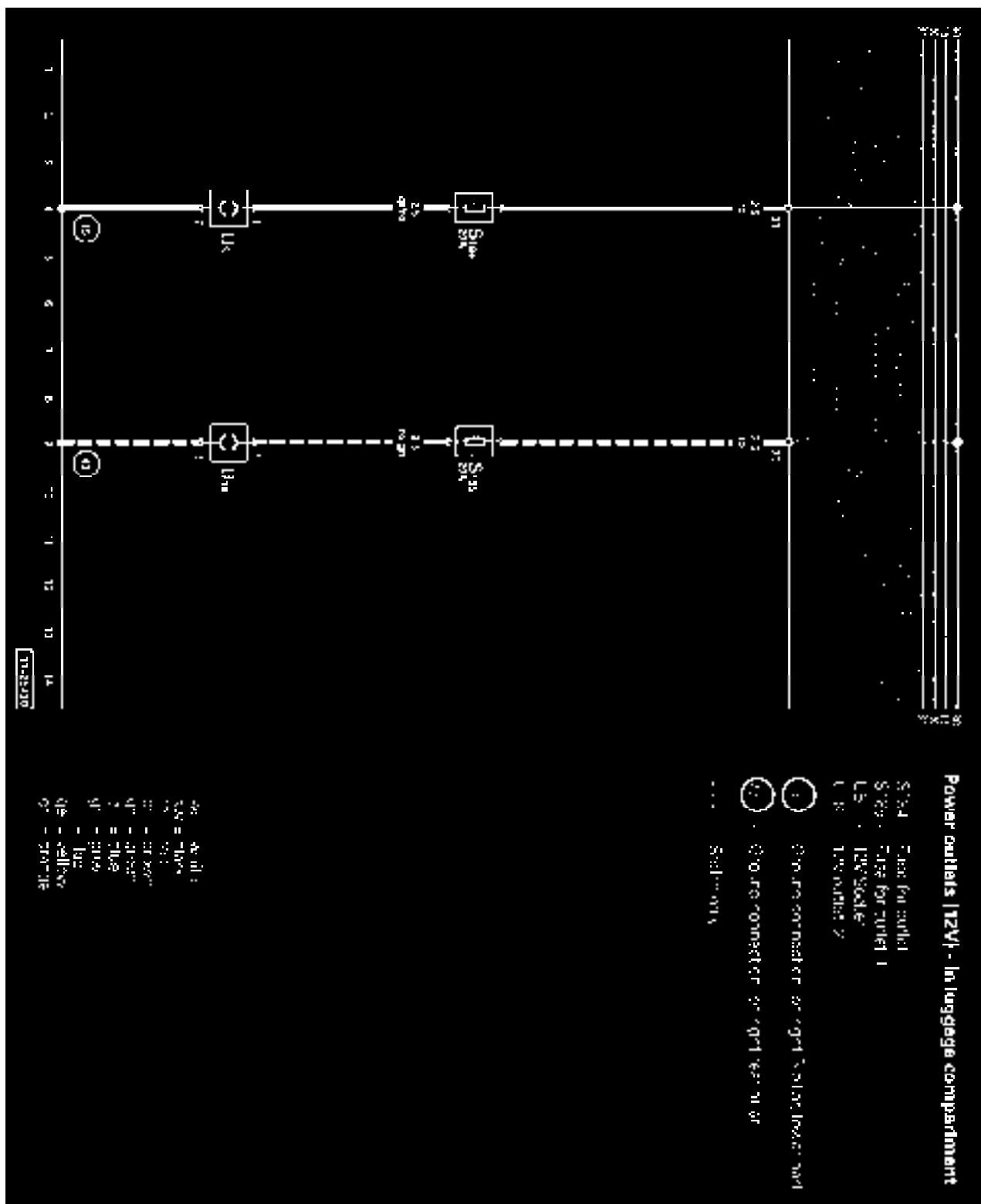
Previous Track See: Starting and Charging/Power and Ground Distribution/System Diagram/Track 253-266

Track 281-294

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 1-14

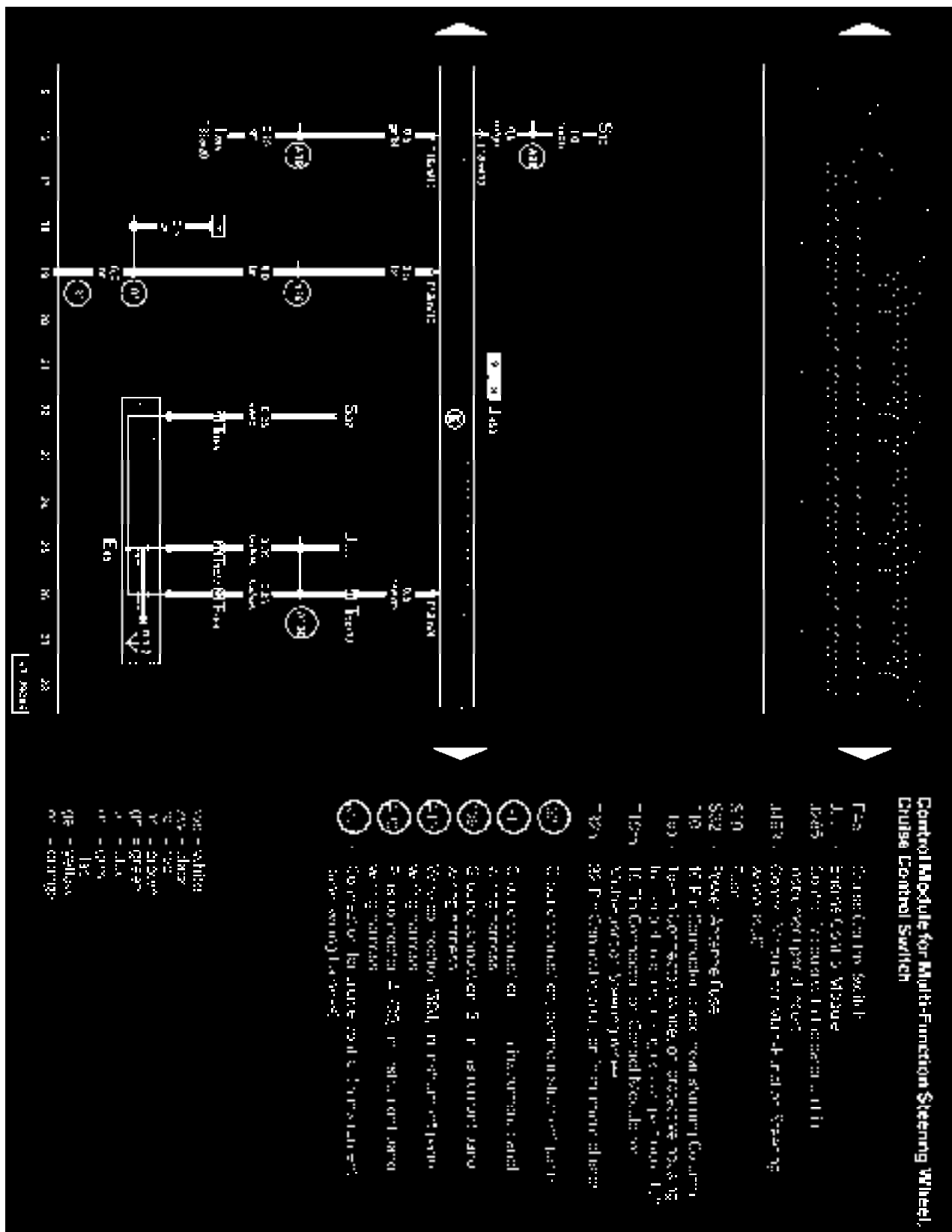
Power Outlet (12V), Rear Console From October 2000

Power Outlet (12V), Rear Console from October 2000

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

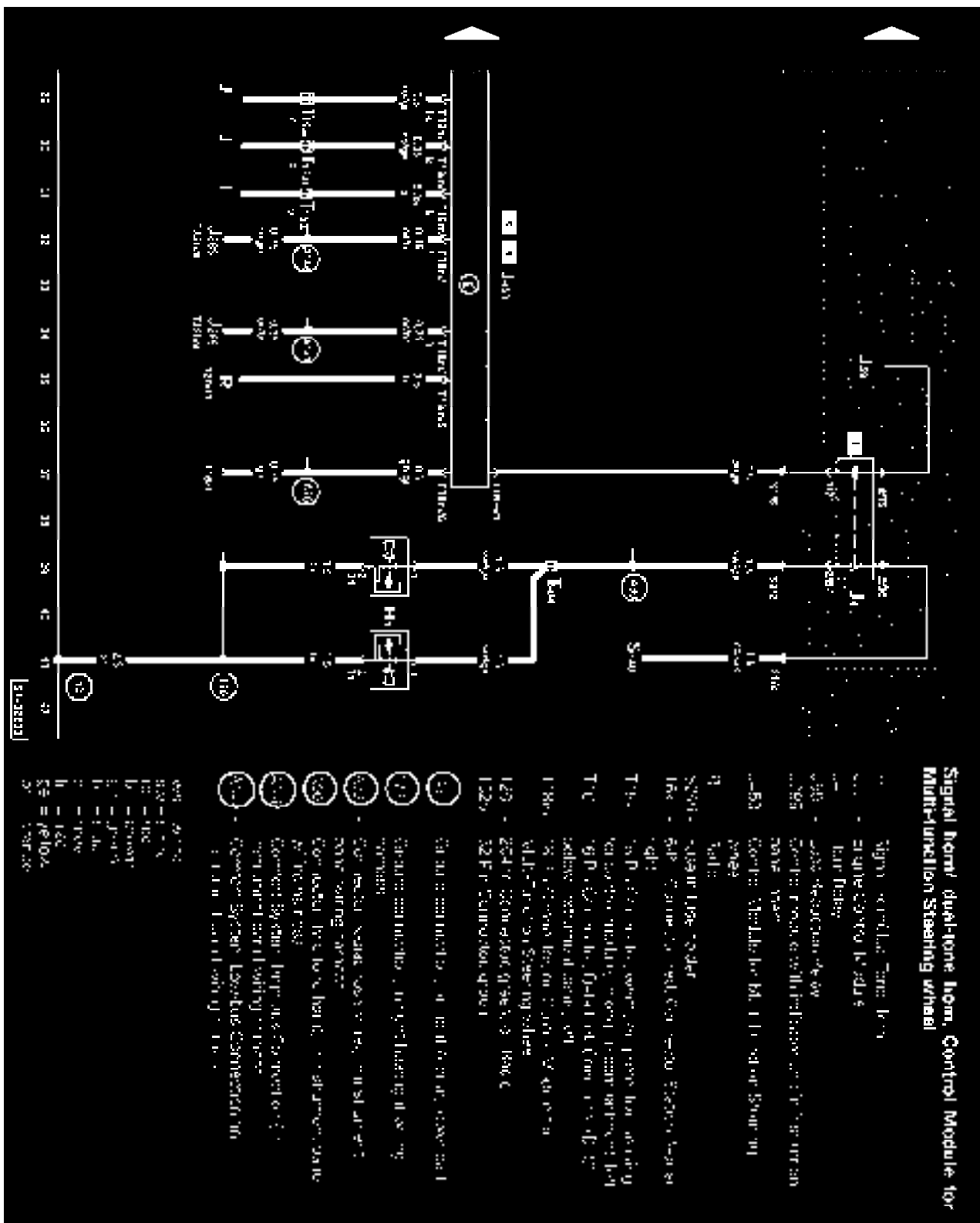
For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Control Module for Multi-Function Steering Wheel, Cruise Control Switch

- F-25 Cruise Control Switch
- J-1 Enter/Exit Message
- J-25 Cruise Control On/Off
- J-26 Cruise Control Reset
- S-10 Power Windows
- S-22 Power Windows Lock
- J-10 Horn
- J-15 Turn Signals
- J-20 Power Windows and Power Mirrors

- S - other
- F - ABS
- G - Gear
- Y - 5th Gear
- Q - 6th Gear
- A - 7th Gear
- W - 8th Gear
- R - 9th Gear
- C - Cruise



Track 29-42

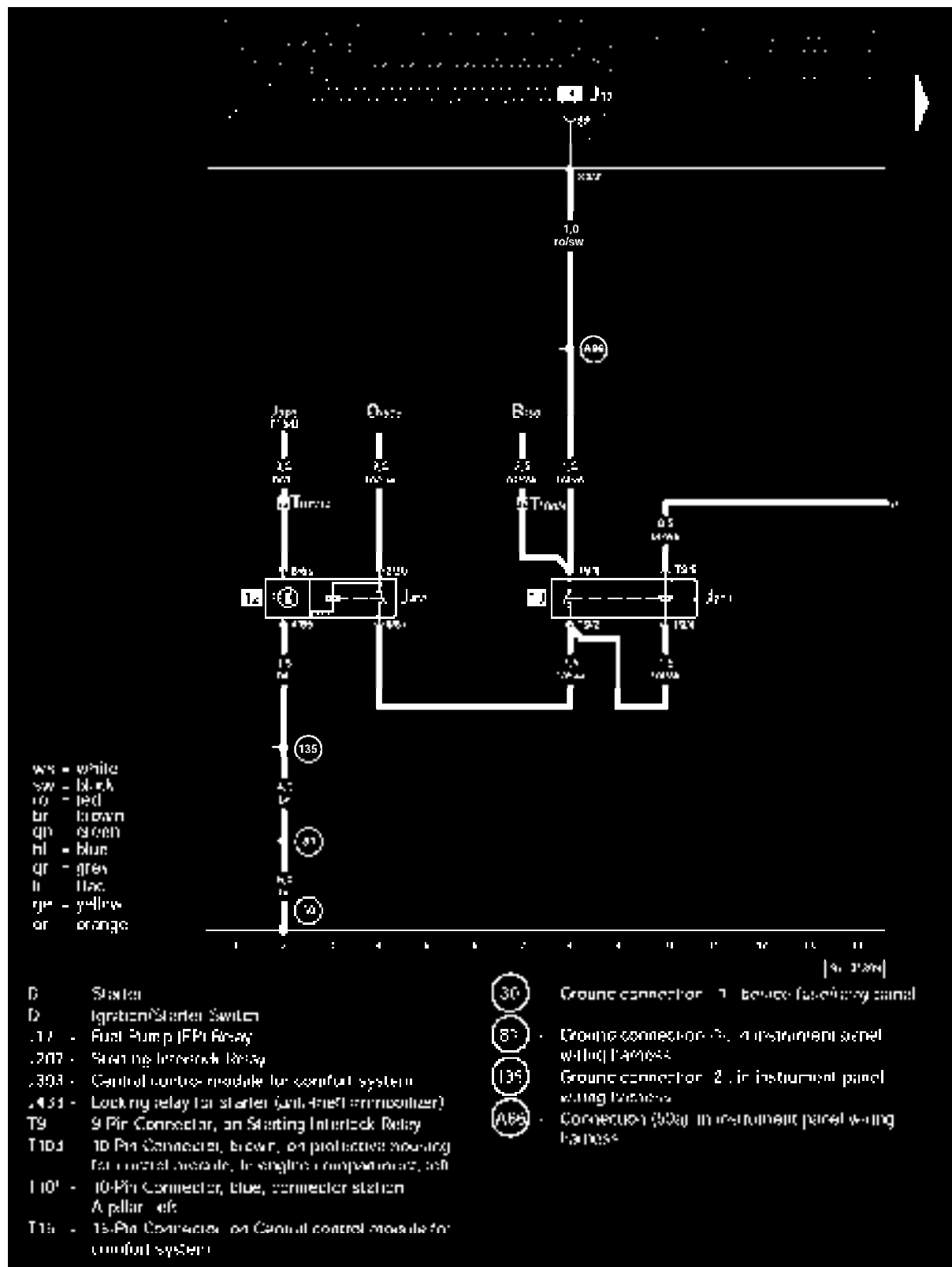
Transmission Control Systems

Automatic transmission, 5 speed automatic with tiptronic,
4.0L - Engine - Motronic Multiport Fuel Injection (MFI) / 202 kW, code BDP from January 2002

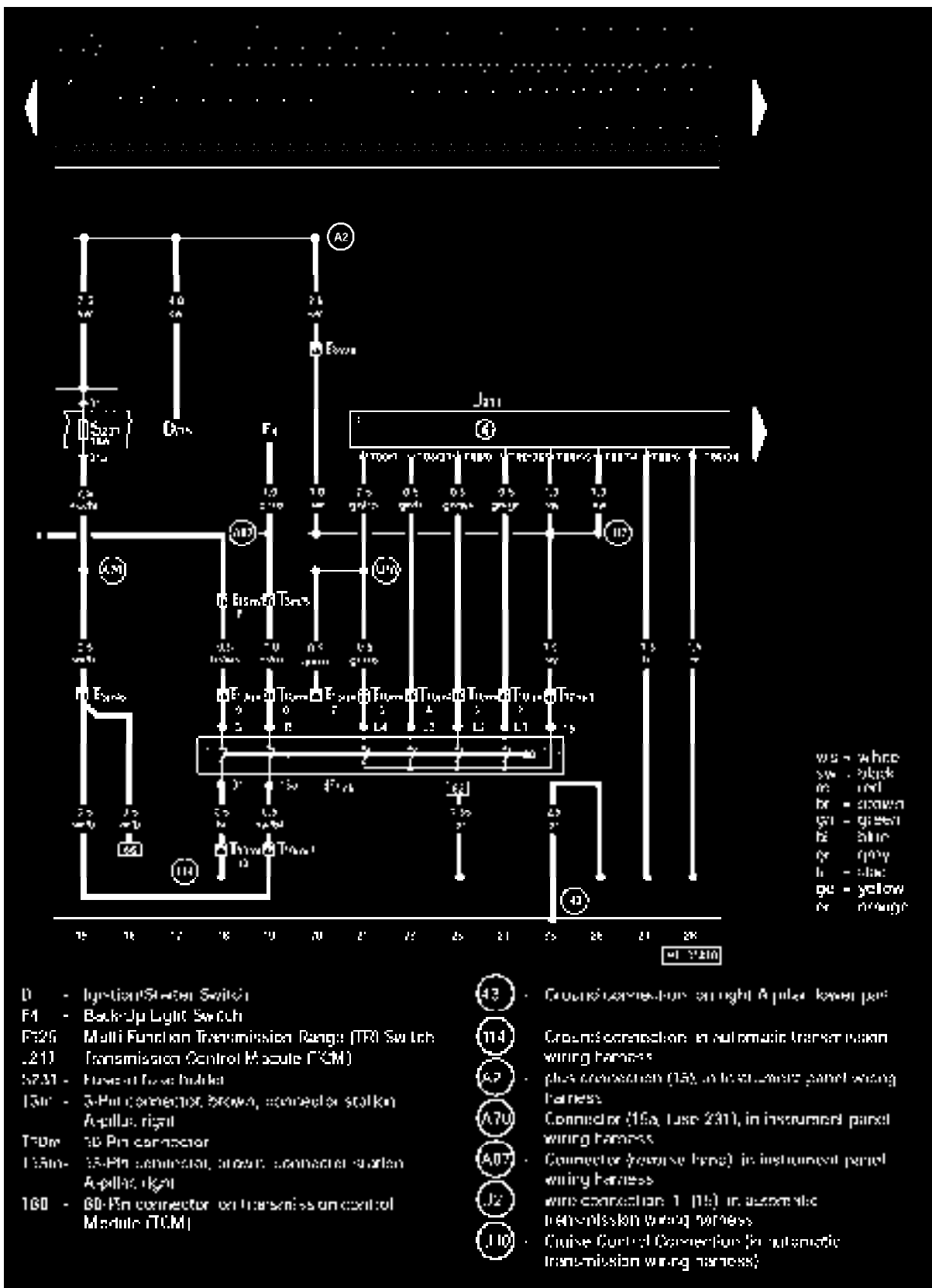
IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

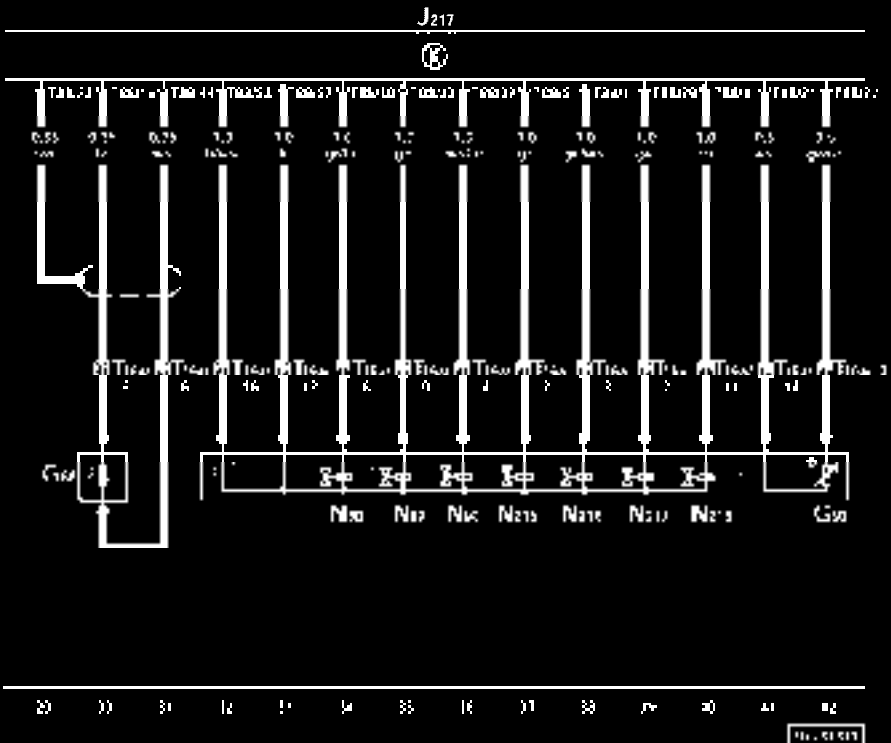
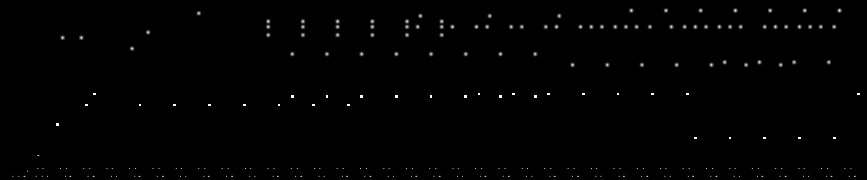
For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 1-14



Track 15-28



- G60 - Vehicle Speed Sensor (VSS)
- G69 - Transmission Fluid Temperature Sensor
- T88 - Transmission Control Module (TCM)
- N215 - Solenoid Valve 1
- N216 - Solenoid Valve 2
- N217 - Solenoid Valve 3
- N218 - Solenoid Valve 4
- N219 - Solenoid Valve 5
- T16a - 16 Pin connector on transmission
- T88 - 88 Pin connector, to Transmission Control Module (TCM)

- How to Find Wiring Diagrams
- Wiring Diagram Layout
- How to Read Displayed Page of Wiring Diagram
- Symbols Used In Wiring Diagrams
- Wire Color Code Identification
- Wire Size Conversion

System Diagram

For further information regarding diagrams for this system please refer to Power and Ground Distribution Diagrams. See: Power and Ground Distribution/Diagrams/Electrical Diagrams

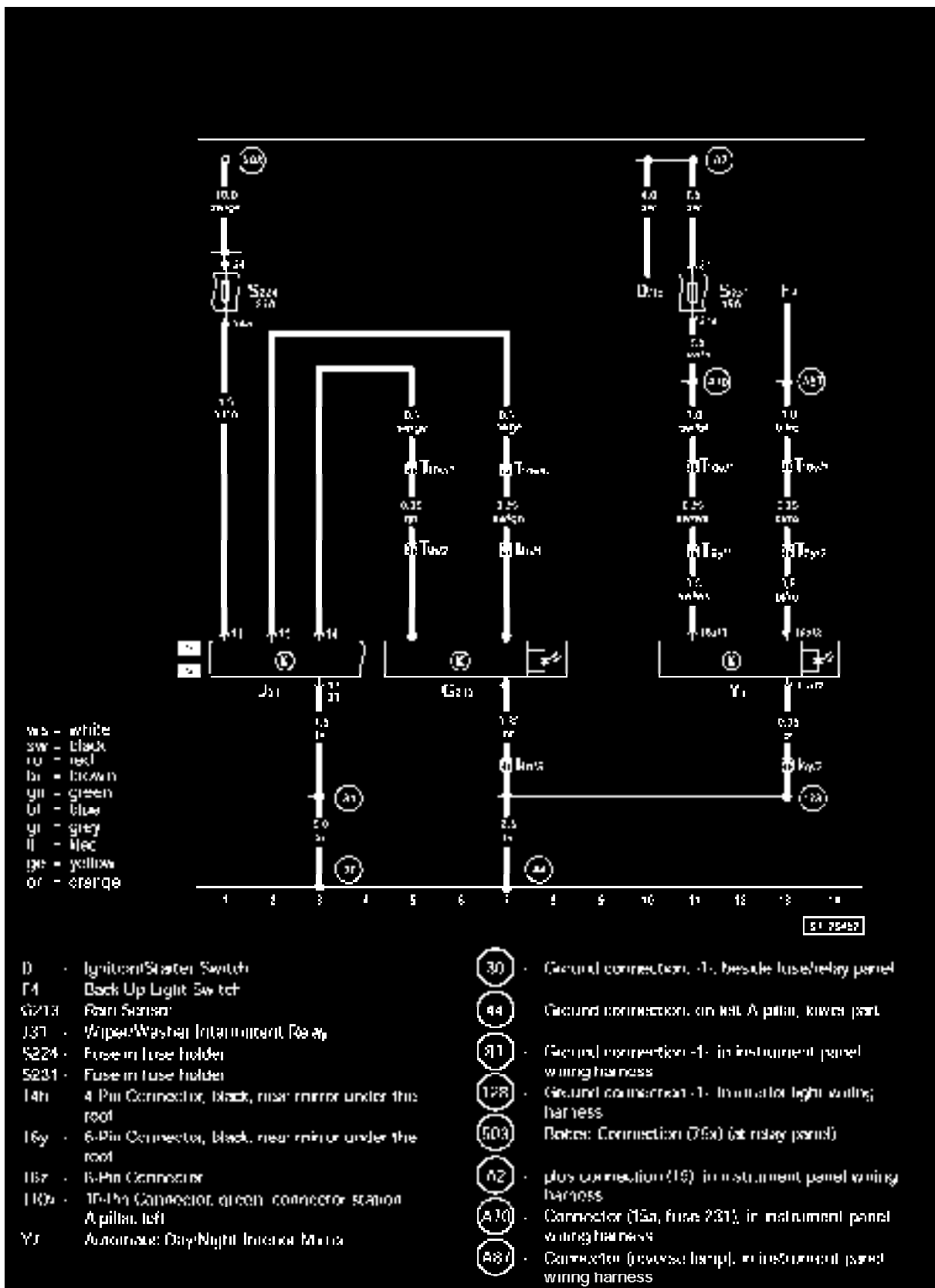
Rain Sensor

Automatic day/night interior mirror, Rain sensor from August 1998

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



Track 1-14

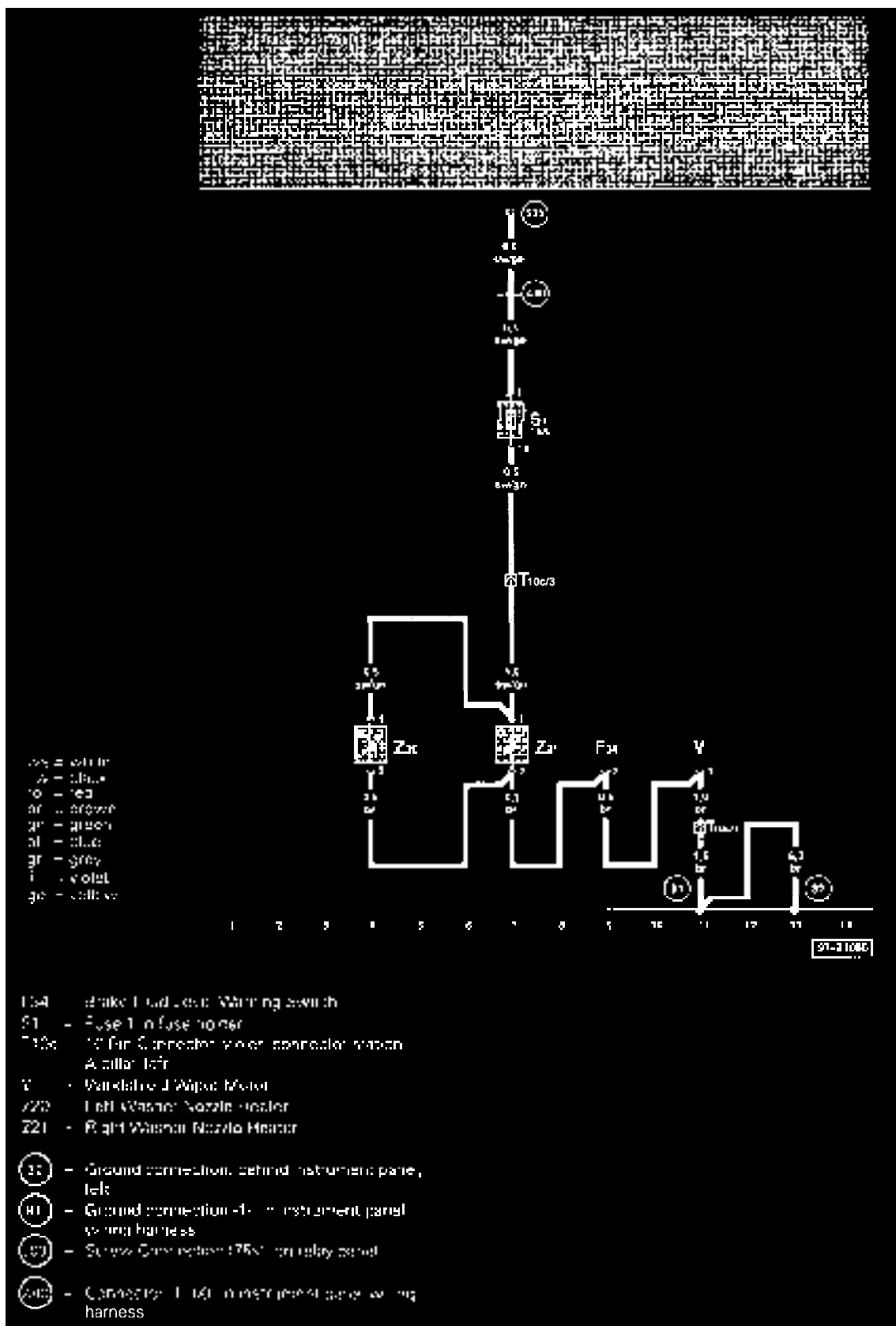
Windshield Washer Spray Nozzle

Washer Nozzle Heaters, from September 1997

IMPORTANT NOTE

This manufacturer uses "Track" style wiring diagrams.

For information on how to use these diagrams effectively, please refer to Diagram Information and Instructions. See: Diagram Information and Instructions



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