

2009 Audi TT



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (110A)	+	VESCM, relay box under driver dash, 2 pin plug (L), pin 1
Second 12 Volts	N/A		
Starter	red/black	+	VESCM, relay box under driver dash, black 12 pin plug (G), pin 1
Second Starter	N/A		
Ignition	black/white	+	VESCM, relay box under driver dash, black 12 pin plug (G), pin 11
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	N/A		
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	N/A		
Can Bus High	orange/green	data	VESCM, relay box under driver dash, black 12 pin plug (G), pin 8
Can Bus Low	orange/brown	data	VESCM, relay box under driver dash, black 12 pin plug (G), pin 7
Can Bus Sw	N/A		
Power Lock	purple/blue	- resistor	Driver Door Module, 32 pin plug, pin 32
Power Unlock	(same as power lock)	- resistor	
Lock Motor	brown/blue	5 wire	Driver Door Module, 20 pin plug, pin 13
Unlock Motor	gray/green	5 wire	Driver Door Module, 20 pin plug, pin 12
Disarm Defeat	gray/green	5 wire	Passenger Door Module, 20 pin plug, pin 12
Parking Lights (+)	gray/black (LF); gray/red (RF)	+	VESCM, 11 pin plug (A), pin 7; 11 pin plug (D), pin 10
Parking Lights (-)	gray/yellow	-	headlight switch or VESCM, black 16 pin plug (E), pin 1
Hazards	brown/red	-	hazard switch or VESCM, black 12 pin plug (G), pin 9
Turn Signal (Left)	black/white (F); gray/red (R)	+	VESCM, 11 pin plug (D), pin 11; 12 pin plug (C), pin 11
Turn Signal (Right)	black/green (F); gray/red (R)	+	VESCM, 11 pin plug (A), pin 6; 12 pin plug (B), pin 10

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/black	-	headlight switch or VESCM, black 16 pin plug (E), pin 8
AutoLights	yellow/blue (interrupt to turn off autolights)	-	headlight sw or VESCM, blk 16 pin plug (E), pin 14
Reverse Light	black/blue	+	VESCM, relay box under driver dash, 12 pin plug (C), pin 12
Left Front Door Trigger	gray/purple	-	Driver Door Module, 20 pin plug, pin 17 or 7
Right Front Door Trigger	gray/purple	-	Passenger Door Module, 20 pin plug, pin 7
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	N/A		
Dome Supervision	blue/gray	-	VESCM, relay box under driver dash, 12 pin plug (B), pin 11
Trunk/Hatch Pin	black/red	-	Comfort Module in trunk right side, 18 pin plug, pin 8
Rear Glass Pin	N/A		
Hood Pin	brown/red	-	VESCM, relay box under driver dash, 8 pin plug (F), pin 5
Trunk Hatch/Release	brown/purple	-	Driver Door Module, 32 pin plug, pin 30
Trunk Release Motor	yellow/red	5 wire	Comfort Module in trunk right side, 18 pin plug, pin 4
Fuel Door Release	purple/green	-	Driver Door Module, 32 pin plug, pin 13
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	blue/white (driver door key lock)	-	Driver Door Module, 20 pin plug, pin 16
Factory Alarm Disarm	(same as factory alarm arm)		
Disarm No Unlock	(transponder and ignition)		
Trunk Alarm Shunt	N/A		
Tachometer	NOT red/stripe (2.0T); red/black (3.2)	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	purple/black or purple/white	-	VESCM, black 16 pin plug (E), pin 7
Fuel Pump	purple	-	VESCM, 11 pin plug (A), pin 10
Rear Defroster	white/black	+ latched	VESCM, relay box under driver dash, 10 pin plug (K), pin 1
Mirror Defroster	(CAN bus)		
Left Front Heated Seat	black/green	5 wire	Climatronic Control Module, 3 pin plug, pin 1
Right Front Heated Seat	black/yellow	5 wire	Climatronic Control Module, 3 pin plug, pin 3

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	(wheel speed sensor)		
Brake Wire	black/yellow	+	brake switch or VESCM, black 16 pin plug (E), pin 2
Parking Brake	brown/yellow	-	parking brake switch, 2 pin plug, pin 1
Horn Trigger	black/yellow	+	VESCM, relay box under driver dash, 6 pin plug (J), pin 6
Wipers	(LIN bus)		
Left Front Window (Up/Down)	(use factory alarm arm/disarm)		
Right Front Window (Up/Down)	(see left front window)		
Left Rear Window (Up/Down)	N/A		
Right Rear Window (Up/Down)	N/A		
Sun Roof (Open/Close)	blue/white - green/white (conv) (with ign on only)	-	convertible top switch, 4 pin plug, pins 1 - 2
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	red/white	+	radio, 16 pin plug, pin 15
Radio Ground	brown	-	radio, 16 pin plug, pin 12
Radio Ignition	(CAN bus)		
Radio Illumination	(CAN bus)		
Factory Amp Turn-on	green/yellow	+	radio, 16 pin plug, pin 13
Power Antenna	N/A		
Left Front Speaker (+/-)	red - brown/red (low); red - brown (high)	+,-	amplifier in trunk left side, 32 pin plug, pins 4 - 3
Right Front Speaker (+/-)	red/gray - brown/gray (low); white - brown (high)	+,-	amplifier in trunk left side, 32 pin plug, pins 16 - 15
Left Rear Speaker (+/-)	red/green - brown/green	+,-	amplifier in trunk left side, 32 pin plug, pins 7 - 6 or 12 - 11
Right Rear Speaker (+/-)	blue/white - brown/white	+,-	amplifier in trunk left side, 32 pin plug, pins 19 - 18 or 14 - 13
Center Channel (+/-)	red/gray - brown/gray	+,-	amplifier in trunk left side, 32 pin plug, pins 21 - 20 or 8 - 20
Subwoofer (+/-)	white/black - brown/black (BOSE)	+,-	amplifier in trunk left side, 32 pin plug, pins 5 - 17
Aux. Audio Input Left (+/-)	gray - yellow	+,-	radio, 12P plug, pins 7-3 or 32P plug, pins 6-21
Aux. Audio Input Right (+/-)	green - yellow	+,-	radio, 12P plug, pins 1-3 or 32P plug, pins 22-21
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	purple - blue (CD changer/iPod/satellite audio)	+,-	radio, 12 pin plug, pins 8 - 2
RSE Audio Right (+/-)	white - blue (CD changer/iPod/satellite audio)	+,-	radio, 12 pin plug, pins 9 - 2
Satellite Radio 12 Volts	red/white	+	Satellite Radio in trunk L side, 8 pin plug, pin 2
Satellite Radio Ground	brown	-	Satellite Radio in trunk L side, 8 pin plug, pin 1
Satellite Radio Ignition	(CAN bus)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	purple - blue	+,-	Satellite Radio, 8 pin plug, pins 6 - 5
Satellite Audio Right (+/-)	white - blue	+,-	Satellite Radio, 8 pin plug, pins 7 - 5

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5		left front door
Left Front Tweeter			left front dash
Right Front Speaker	6.5		right front door
Right Front Tweeter			right front dash
Left Rear Speaker	5.25		left rear side panel
Left Rear Tweeter			left rear side panel
Right Rear Speaker	5.25		right rear side panel
Right Rear Tweeter			right rear side panel
Center Channel			top center of dash
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			left side of trunk

Additional Wiring Notes

Item	Note
Parking Lights (-)	When triggering this wire, you may need to interrupt the headlight switch off wire, which is black/white at the headlight switch or the VESCM, relay box under driver dash, black 16 pin plug (E), pin 16.
Headlight	When triggering this wire, you may need to interrupt the headlight switch off wire, which is black/white at the headlight switch or the VESCM, relay box under driver dash, black 16 pin plug (E), pin 16.
Left Front Speaker (+/-)	On BOSE systems, the low wires are in pins 3 - 15 and the high wires are in pins 7 - 19.
Right Front Speaker (+/-)	On BOSE systems, the low wires are in pins 4 - 16 and the high wires are in pins 6 - 18.
Parking Lights (+)	The LR - RR are gray/black - gray/black at the VESCM, relay box under driver dash, 12 pin plug (C), pin 10; 12 pin plug (B), pin 9.