

## 2011 Audi TT - North America

**Wiring Information**

Item	Wire Color	Polarity	Wire Location
12 Volts	red/violet (40A)	+	VEBCM under driver dash, brown 52 pin plug, pin 42
Starter	red/black	+	Steering Column Module, black 20 pin plug, pin 18
Ignition	black/white	+	Steering Column Module, black 20 pin plug, pin 17
CAN Bus High	orange/red	data	data link connector, black 16 pin plug, pin 6
CAN Bus Low	orange/brown	data	data link connector, black 16 pin plug, pin 14
CAN Bus High 2	orange/green	data	Steering Column Module, black 20 pin plug, pin 14
CAN Bus Low 2	orange/brown	data	Steering Column Module, black 20 pin plug, pin 15
IMMO Antenna	blue	RF	Immobilizer Reader Coil on ignition switch, 2 pin plug, pin 1
Power Lock	violet/blue	- resistor	Driver Door Module, gray 32 pin plug, pin 32
Power Unlock	(same as power lock)	- resistor	
Lock Motor	brown/blue	5 wire	Driver Door Module, black 20 pin plug, pin 13
Driver Unlock Motor	gray/green	5 wire	Driver Door Module, black 20 pin plug, pin 12
Passenger Unlock Motor	gray/green	5 wire	Passenger Door Module, black 20 pin plug, pin 12
Factory Alarm Arm	blue/white (driver door key lock)	-	Driver Door Module, black 20 pin plug, pin 16
Factory Alarm Disarm	(same as factory alarm arm)	- 250 ohms	
Disarm No Unlock	(see factory alarm disarm)		
Parking Lights (+)	gray/black (LF); gray/red (RF); gray/black (LR); gray/black or gray/white (RR)	+	VEBCM under driver dash, brown 52 pin plug, pin 26; black 52 pin plug, pins 44, 27; brown 52 pin plug, pin 3
Parking Lights (-)	gray/yellow	-	VEBCM under driver dash, black 52 pin plug, pin 19
Hazards	brown/red	-	VEBCM under driver dash, brown 52 pin plug, pin 7
Turn Signal (Left)	black/white (F); gray/red (R)	+	VEBCM, black 52 pin plug, pin 10; brown 52 pin plug, pin 51

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Item	Wire Color	Polarity	Wire Location
Turn Signal (Right)	black/green (F); gray/red (R)	+	VESCM, brown 52 pin plug, pin 50; black 52 pin plug, pin 9
Headlight	white/black	-	VESCM under driver dash, black 52 pin plug, pin 22
AutoLights	yellow/blue (interrupt to turn off autolights)	-	VESCM under driver dash, black 52 pin plug, pin 20
Reverse Light	black/blue	+	VESCM under driver dash, black 52 pin plug, pin 28
Left Front Door Trigger	gray/violet	-	Driver Door Module, black 20 pin plug, pin 7
Right Front Door Trigger	gray/violet	-	Passenger Door Module, black 20 pin plug, pin 7
Dome Light	blue/gray	-	VESCM under driver dash, brown 52 pin plug, pin 10
Trunk/Hatch Pin	black/red	-	VESCM under driver dash, black 52 pin plug, pin 29
Hood Pin	brown/red	-	VESCM under driver dash, black 52 pin plug, pin 14
Trunk/Hatch Release	brown/violet	-	Driver Door Module, gray 32 pin plug, pin 30
Trunk Release Motor	yellow/red	5 wire	VESCM under driver dash, yellow 52 pin plug, pin 11
Fuel Door Release	violet/green	-	Driver Door Module, gray 32 pin plug, pin 13
Tachometer	brown/black, brown/white, brown/pur, or brown/gray	ac	any fuel injector, 2 pin plug, pin 1
Clutch Pedal	violet/black	-	VESCM under driver dash, brown 52 pin plug, pin 30
Fuel Pump	black/blue	+	driver kick, harness to rear
Rear Defroster	brown/violet	- latched	VESCM under driver dash, yellow 52 pin plug, pin 22
Mirror Defroster	(CAN bus)		
Left Front Heated Seat	black/green	5 wire	Climatronic Control Module, black 3 pin plug, pin 1
Right Front Heated Seat	black/yellow	5 wire	Climatronic Control Module, black 3 pin plug, pin 3

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Item	Wire Color	Polarity	Wire Location
Speed Sense	(wheel speed sensor)		
Brake Wire	black/yellow	+	VESCM under driver dash, brown 52 pin plug, pin 17
Parking Brake	brown/yellow	-	VESCM under driver dash, black 52 pin plug, pin 12
Horn Trigger	brown/yellow	-	VESCM under driver dash, yellow 52 pin plug, pin 41
Wipers	(LIN bus)		
Left Front Window (Up/Down)	(use factory alarm arm/disarm)		
Right Front Window (Up/Down)	(see left front window)		
Sun Roof (Open/Close)	blue/white - green/white (conv) (with ign on only)	-	convertible top switch, 4 pin plug, pins 1 - 2
Radio 12V	red/white	+	radio, black 8 pin plug, pins 7, 8
Radio Ground	brown	-	radio, black 8 pin plug, pin 4
Radio Ignition	(CAN bus)		
Radio Illumination	(CAN bus)		
Factory Amp Turn-on	green/yellow	+	radio, black 8 pin plug, pin 5
Left Front Speaker (+/-)	red - brown (preamp)	+,-	radio, green 12 pin plug, pins 11 - 8
Right Front Speaker (+/-)	yellow - brown (preamp)	+,-	radio, green 12 pin plug, pins 9 - 8
Left Rear Speaker (+/-)	green - brown (preamp)	+,-	radio, green 12 pin plug, pins 5 - 8
Right Rear Speaker (+/-)	blue - brown (preamp)	+,-	radio, green 12 pin plug, pins 3 - 8
Center Channel (+/-)	red/gray - brown/gray	+,-	amp in LR qrtr panel, 38 pin plug, pins 22-10 or 32 pin plg, pins 8-20
Subwoofer (+/-)	white/black - brown/black (BOSE)	+,-	amplifier in LR quarter panel, black 32 pin plug, pins 5 - 17
Aux. Audio Input Left (+/-)	yellow - green	+,-	radio, blue 12P plg, pins 3-1; 32P plg, pins 21-22
Aux. Audio Input Right (+/-)	gray - green	+,-	radio, blue 12P plg, pins 7-1; 32P plg, pins 6-22
RSE Audio Left (+/-)	violet - blue or yellow - grn (sat/CD/iPod audio)	+,-	radio, blue 12 pin plug, pins 8 - 2
RSE Audio Right (+/-)	white - blue or gray - green (sat/CD/iPod audio)	+,-	radio, blue 12 pin plug, pins 9 - 2

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Item	Wire Color	Polarity	Wire Location
Satellite Radio 12 Volts	red/white	+	sat radio in LR cargo floor, blk 8 pin plug, pin 2
Satellite Radio Ground	brown	-	sat radio in LR cargo floor, blk 8 pin plug, pin 1
Satellite Radio Ignition	(CAN bus)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	violet - blue	+,-	Satellite Radio, black 8 pin plug, pins 6 - 5
Satellite Audio Right (+/-)	white - blue	+,-	Satellite Radio, black 8 pin plug, pins 7 - 5

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**What Fits**

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5	3	left front door
Left Front Tweeter	1.5 (tweeter); 3 (midrange)	1; 2	left front dash; left front door
Right Front Speaker	6.5	3	right front door
Right Front Tweeter	1.5 (tweeter); 3 (midrange)	1; 2	right front dash; right front door
Left Rear Speaker	6.5	3	left rear side panel (cpe); rear wall (cnv)
Left Rear Tweeter	1.5	1	left rear side panel
Right Rear Speaker	6.5	3	right rear side panel (cpe); rear wall (cnv)
Right Rear Tweeter	1.5	1	right rear side panel
Center Channel	3	2	top center of dash
Subwoofer			left rear quarter panel (cpe); ctr rear wall (cnv)
Satellite Radio Tuner			left rear cargo floor

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**Additional Wiring Notes**

Item	Note
Left Front Speaker (+/-)	The low wires are red - brown/red at the amplifier in LR quarter panel, black 38 pin plug, pins 5 - 17 (base) or black 32 pin plug, pins 3 - 15 (BOSE). The mid/high wires are red - brown at the amplifier, black 38 pin plug, pins 5 - 17 (base) or black 32 pin plug, pins 7 - 19 (BOSE).
Left Rear Speaker (+/-)	The speaker wires are red/green - brown/green at the amplifier in LR quarter panel, black 38 pin plug, pins 8 - 20 (base) or black 32 pin plug, pins 12 - 11 (BOSE).
Right Front Speaker (+/-)	The low wires are red/gray - brown/gray at the amplifier in LR quarter panel, black 38 pin plug, pins 4 - 16 (base) or black 32 pin plug, pins 4 - 16 (BOSE). The mid/high wires are white - brown at the amplifier, black 38 pin plug, pins 4 - 16 (base) or black 32 pin plug, pins 6 - 18 (BOSE).
Right Rear Speaker (+/-)	The speaker wires are blue/white - brown/white at the amplifier in LR quarter panel, black 38 pin plug, pins 19 - 7 (base) or black 32 pin plug, pins 14 - 13 (BOSE).