

## 2013 Audi TT



## Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red/green (40A)	+	VESCM under driver dash, black 52 pin plug, pin 1
<b>Second 12 Volts</b>	red/purple (40A)	+	VESCM under driver dash, brown 52 pin plug, pin 42
<b>Starter</b>	red/black	+	Steering Column Module, black 20 pin plug, pin 18
<b>Second Starter</b>	N/A		
<b>Ignition</b>	black/white	+	Steering Column Module, black 20 pin plug, pin 17
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	N/A		
<b>Second Accessory</b>	N/A		
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	N/A		
<b>Data Bus</b>	N/A		
<b>Can Bus High</b>	orange/green	data	VESCM under driver dash, brown 52 pin plug, pin 15
<b>Can Bus Low</b>	orange/brown	data	VESCM under driver dash, brown 52 pin plug, pin 16
<b>Can Bus Sw</b>	N/A		
<b>Power Lock</b>	purple/blue	- resistor	Driver Door Module, gray 32 pin plug, pin 32
<b>Power Unlock</b>	same as power lock	- resistor	
<b>Lock Motor</b>	brown/blue	5 wire	Driver Door Module, black 20 pin plug, pin 13
<b>Unlock Motor</b>	gray/green	5 wire	Driver Door Module, black 20 pin plug, pin 12
<b>Disarm Defeat</b>	gray/green	5 wire	Passenger Door Module, black 20 pin plug, pin 12
<b>Parking Lights (+)</b>	gray/black (LF); gray/red (RF)	+	VESCM, brown 52 pin plug, pin 26; black 52 pin plug, pin 44
<b>Parking Lights (-)</b>	gray/yellow	-	VESCM under driver dash, black 52 pin plug, pin 19
<b>Hazards</b>	brown/red	-	VESCM under driver dash, brown 52 pin plug, pin 7
<b>Turn Signal (Left)</b>	black/white (F); gray/red (R)	+	VESCM, black 52 pin plug, pin 10; brown 52 pin plug, pin 51
<b>Turn Signal (Right)</b>	black/green (F); gray/red (R)	+	VESCM, brown 52 pin plug, pin 50; black 52 pin plug, pin 9

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
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/purple	-	Driver Door Module, black 20 pin plug, pin 7
Right Front Door Trigger	gray/purple	-	Passenger Door Module, black 20 pin plug, pin 7
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	N/A		
Dome Supervision	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
Rear Glass Pin	N/A		
Hood Pin	brown/red	-	VESCM under driver dash, black 52 pin plug, pin 14
Trunk Hatch/Release	brown/purple	-	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	purple/green	-	Driver Door Module, gray 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 cylinder)	-	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		
Trunk Alarm Shunt	N/A		
Tachometer	bn/bk, bn/wh, bn/pu, bn/gy, bn/bu, bn/ye, or bn/rd	ac	any fuel injector, 2 pin plug, pin 1
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	purple/black	-	VESCM under driver dash, brown 52 pin plug, pin 30
Fuel Pump	black/blue or red/blue	+	driver kick, harness to rear
Rear Defroster	brown/purple	- 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



## Wiring Information (Continued)

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

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DirectWire Vehicle Information - 3/18/2014 6:03:45 AM RSE Audio Right (+/-)	white - blue or gray - green (sat CD/iPod audio)	+,-	radio, blue 12 pin plug, pins 9 and 2
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 (+/-)	purple - blue	+,-	Satellite Radio, black 8 pin plug, pins 6 and 5
Satellite Audio Right (+/-)	white - blue	+,-	Satellite Radio, black 8 pin plug, pins 7 and 5

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*What Fits*

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

*Additional Wiring Notes*

Item	Note
<b>Right Front Speaker (+/-)</b>	The low range wires are red/gray - brown/gray at the amplifier in LR quarter panel, black 38 pin plug, pins 4 and 16 (base), or black 32 pin plug, pins 4 and 16 (BOSE). The mid/high range wires are white - brown at the amplifier, black 38 pin plug, pins 4 and 16 (base), or black 32 pin plug, pins 6 and 18 (BOSE).
<b>Aux. Audio Input Left (+/-)</b>	On models with navigation, they are in the 32 pin plug, pins 21 and 22.
<b>Aux. Audio Input Right (+/-)</b>	On models with navigation, they are in the 32 pin plug, pins 6 and 22.
<b>Parking Lights (+)</b>	The LR - RR wires are gray/black - gray/black or gray/white (+) at the VESCM under driver dash, black 52 pin plug, pin 27; brown 52 pin plug, pin 3.
<b>Left Rear Speaker (+/-)</b>	The speaker wires are red/green - brown/green at the amplifier in LR quarter panel, black 38 pin plug, pins 8 and 20 (base), or black 32 pin plug, pins 12 and 11 (BOSE).
<b>Right Rear Speaker (+/-)</b>	The speaker wires are blue/white - brown/white at the amplifier in LR quarter panel, black 38 pin plug, pins 19 and 7 (base), or black 32 pin plug, pins 14 and 13 (BOSE).
<b>Left Front Speaker (+/-)</b>	The low range wires are red - brown/red at the amplifier in LR quarter panel, black 38 pin plug, pins 5 and 17 (base), or black 32 pin plug, pins 3 and 15 (BOSE). The mid/high range wires are red - brown at the amplifier, black 38 pin plug, pins 5 and 17 (base), or black 32 pin plug, pins 7 and 19 (BOSE).