

## 2017 Audi TT (Smart Key) - North America

**Wiring Information**

Item	Wire Color	Polarity	Wire Location
12 Volts	red/gray (40A)	+	VESCM above driver kick, white 73 pin plug, pin 1
Ground	(chassis ground)		
Starter	red/black	+	driver kick, red 17 pin plug, pin 9
Ignition	black/red	+	VESCM above driver kick, black 73 pin plug, pin 47
Second Ignition	yellow/green	+	VESCM above driver kick, black 73 pin plug, pin 44
PTS 1	blue/yellow	-	start stop button, 6 pin plug, pin 3
PTS 2	blue/white	-	start stop button, 6 pin plug, pin 6
Keysense	yellow/blue	+	VESCM above driver kick, black 73 pin plug, pin 54
CAN Bus High	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	green or orange/green	data	VESCM above driver kick, black 73 pin plug, pin 16
CAN Bus Low 2	orange/brown	data	VESCM above driver kick, black 73 pin plug, pin 17
IMMO Antenna	red	RF	Immobilizer Reader Coil in steering column, 2 pin plug, pin 1
Power Lock	violet/red	- resistor	Driver Door Module, blue 32 pin plug, pin 28
Power Unlock	(same as power lock)	- resistor	
Lock Motor	brown/yellow	5 wire	Driver Door Module, black 20 pin plug, pin 13
Driver Unlock Motor	yellow	5 wire	Driver Door Module, black 20 pin plug, pin 11
Passenger Unlock Motor	white	5 wire	Passenger Door Module, black 20 pin plug, pin 11
Factory Alarm Arm	green/white (driver door key lock)	-	Driver Door Module, black 20 pin plug, pin 1
Factory Alarm Disarm	(same as factory alarm arm)	- resistor	
Disarm No Unlock	(transponder and ignition)		
Parking Lights (+)	gray/black (LF); gray/red (RF); blue/white (LR); brown/red (RR)	+	VESCM above driver kick, white 46 pin plug, pins 10, 21; white 73 pin plug, pin 10; black 73 pin plug, pin 65
Parking Lights (-)	(LIN bus)		

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Item	Wire Color	Polarity	Wire Location
Hazards	violet/red	-	VESCM above driver kick, white 73 pin plug, pin 42
Turn Signal (Left)	black/white (F); blue/yellow (R)	+	VESCM above driver kick, white 46 pin plug, pin 36; black 73 pin plug, pin 60
Turn Signal (Right)	black/green (F); violet/brown (R)	+	VESCM above driver kick, white 46 pin plug, pin 20; white 73 pin plug, pin 31
Headlight	yellow/black (L); yellow (R)	+	VESCM above driver kick, white 73 pin plug, pin 5; white 46 pin plug, pin 1
AutoLights	(LIN bus)		
Reverse Light	red/black	+	VESCM above driver kick, white 73 pin plug, pin 11
Left Front Door Trigger	blue/white	-	Driver Door Module, black 20 pin plug, pin 5
Right Front Door Trigger	brown	-	Passenger Door Module, black 20 pin plug, pin 5
Dome Light	green		VESCM above driver kick, white 73 pin plug, pin 67
Trunk/Hatch Pin	white	-	VESCM above driver kick, black 73 pin plug, pin 52
Hood Pin	green/yellow	-	VESCM above driver kick, white 46 pin plug, pin 14
Trunk/Hatch Release	gray/green (rear handle switch)	-	VESCM above driver kick, black 73 pin plug, pin 32
Trunk Release Motor	black/yellow	5 wire	VESCM above driver kick, black 73 pin plug, pin 9
Fuel Door Release	green/white or green/red (fuel door lock/unlock)	5 wire	VESCM above driver kick, black 73 pin plug, pin 4 or 3
Tachometer	blue or blue/white (camshaft position sensor)	ac	junction connector on engine, top, 14 pin plug, pin 8
Clutch Pedal	green/blue and green/gray	-	clutch switch, 5 pin plug, pins 4, 2
Fuel Pump	blue/red	+	driver kick, red 17 pin plug, pin 15
Rear Defroster	white/violet	- latched	VESCM above driver kick, white 73 pin plug, pin 24
Mirror Defroster	(CAN bus)		
Left Front Heated Seat	(CAN bus)		
Right Front Heated Seat	(CAN bus)		
Speed Sense	(wheel speed sensor)		

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Item	Wire Color	Polarity	Wire Location
Brake Wire	black/red	+	VEBCM above driver kick, white 73 pin plug, pin 58
Parking Brake	blue/violet (electric parking brake indicator)	-	driver kick, brown 17 pin plug, pin 9
Horn Trigger	brown	-	VEBCM above driver kick, white 46 pin plug, pin 24
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)	(see left front window)		
Right Rear Window (Up/Down)	(see left front window)		
Radio 12V	red/yellow	+	radio in glove box, black 8 pin plug, pin 8
Radio Ground	brown	-	radio in glove box, black 8 pin plug, pin 7
Radio Ignition	(Infotainment CAN bus)		
Factory Amp Turn-on	(MOST bus)		
Left Front Speaker (+/-)	gray - gray/black	+,-	radio in glove box, brown 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	white - white/black	+,-	radio in glove box, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	green - green/black	+,-	radio in glove box, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	violet - violet/black	+,-	radio in glove box, brown 8 pin plug, pins 1 - 5
Center Channel (+/-)	white/yellow - white/blue	+,-	radio in glove box, black 8 pin plug, pins 2 - 6
Aux. Audio Input Left (+/-)	green - gray	+,-	radio in glove box, green 12 pin plug, pins 7 - 1
Aux. Audio Input Right (+/-)	yellow - gray	+,-	radio in glove box, green 12 pin plug, pins 2 - 1
Satellite Radio 12 Volts	(built into radio)		

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***What Fits***

Item	Size	Depth	Location
Headunit	irregular		in glove box
Left Front Speaker			left front door
Left Front Tweeter			left front dash
Right Front Speaker			right front door
Right Front Tweeter			right front dash
Left Rear Speaker			left rear side panel
Left Rear Tweeter			left rear side panel
Right Rear Speaker			right rear side panel
Right Rear Tweeter			right rear side panel
Center Channel			top center of dash
Satellite Radio Tuner	(built into radio)		

**2017 Audi TT (Smart Key) - North America*****Additional Wiring Notes***

Item	Note
Center Channel (+/-)	On models with amplifier, the speaker wires are red/blue - yellow/blue (1); white/yellow - white/blue (2) at the amplifier under driver seat, black 38 pin plug, pins 36 - 28; 18 - 6.
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are black/white - brown/yellow (bass 1); green/yellow - brown/blue (bass 2); red/green - brown/green (midrange); gray - gray/black (treble) at the amplifier under driver seat, black 38 pin plug, pins 9 - 10; 8 - 7; 4 - 5; 32 - 24.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are green - green/black (bass); black - blue/black (treble) at the amplifier under driver seat, black 38 pin plug, pins 12 - 11; 25 - 33.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are blue/yellow - yellow (bass 1); gray/blue - gray/yellow (bass 2); green/yellow - green/blue (midrange); white - white/black (treble) at the amplifier under driver seat, black 38 pin plug, pins 21 - 22; 20 - 19; 17 - 16; 31 - 23.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are purple - purple/black (bass); blue - blue/black (treble) at the amplifier under driver seat, black 38 pin plug, pins 14 - 13; 26 - 34.