

2011 Ford TransitConnect(40-Bit)(W/PowerLocks) - Requested by: ampire.de



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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red (20A)	+	Ignition Switch, black 7 pin plug, pin 4
Second 12 Volts	Red (50A)	+	Dash Fuse Box
Ground	(chassis ground)		
Starter	Gray/Black	+	Ignition Switch, black 7 pin plug, pin 7
Ignition	Green/Yellow	+	Ignition Switch, black 7 pin plug, pin 1
Accessory	Yellow	+	Ignition Switch, black 7 pin plug, pin 6
Keysense	Black/Red	+	Ignition Switch, black 7 pin plug, pin 5
CAN Bus High	Gray/Red (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Blue/Red (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Gray/Red or Gray/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 3
CAN Bus Low 2	Blue/Red or Blue/Black (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 11
RX DATA	White/Green	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 4
TX DATA	Gray/Orange	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 3
Power Lock	black/orange (doors must be closed to test)	-	GEM behind dash fuse box, green 23 pin plug, pin 10
Power Unlock	black/green (doors must be closed to test)	-	GEM behind dash fuse box, gray 23 pin plug, pin 11
Lock Motor	yellow/black	5 wire	GEM behind dash fuse box, blue 23 pin plug, pin 1
Driver Unlock Motor	white/black	5 wire	GEM behind dash fuse box, white 23 pin plug, pin 2
Passenger Unlock Motor	(no progressive unlock)		
Parking Lights	orange/yellow	+	headlight switch, black 16 pin plug, pin 13

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Hazards	black/orange	-	GEM behind dash fuse box, brown 23 pin plug, pin 16
Turn Signal (Left)	blue/white (F); blue (R)	+	GEM behind dash fuse box, gray 23 pin plug, pins 3, 2
Turn Signal (Right)	blue/red (F); blue/red (R)	+	GEM behind dash fuse box, gray 23 pin plug, pins 6, 1
Headlight	green/red	+	GEM behind dash fuse box, brown 23 pin plug, pin 6
Reverse Light	green/white	+	GEM behind dash fuse box, white 23 pin plug, pin 11
Left Front Door Trigger	black/yellow	-N.C.	GEM behind dash fuse box, gray 23 pin plug, pin 18
Right Front Door Trigger	black/blue	-N.C.	GEM behind dash fuse box, gray 23 pin plug, pin 19
Left Rear Door Trigger	black/white (sliding door) (diode isolate from GEM)	-	GEM behind dash fuse box, gray 23 pin plug, pin 8
Right Rear Door Trigger	(same as left rear door trigger)		
Dome Light	black/blue	-	GEM behind dash fuse box, gray 23 pin plug, pin 21
Trunk/Hatch Pin	black/red (rear door)	-N.C.	GEM behind dash fuse box, gray 23 pin plug, pin 17
Trunk/Hatch Release	white/green (rear door unlock)	+	GEM behind dash fuse box, green 23 pin plug, pin 5
Trunk Release Motor	red/green to black (rear door unlock motor)	5 wire	driver kick, green 20 pin plug, pin 2
Power Sliding Door (Left)	white/black (sliding door unlock motor)	5 wire	GEM behind dash fuse box, blue 23 pin plug, pin 4
Tachometer	green/blue, gray/yellow, violet/gray, or yellow/orange	ac	any fuel injector, black 2 pin plug, pin 1
Fuel Pump	green/orange	+	fuel shutoff switch in passenger kick, gray 3 pin plug, pin 1
Rear Defroster	black/green	-	GEM behind dash fuse box, brown 23 pin plug, pin 11
Mirror Defroster	(same as rear defroster)		

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Item	Wire Color	Polarity	Wire Location
Speed Sense	white/blue	ac	PCM on driver side of engine, black 50 pin plug (T, bottom plug), pin 4
Brake Wire	green/white to green/red (functions with ignition on only)	+	brake switch, black 4 pin plug, pin 4 or driver kick, white 20 pin plug, pin 8
Parking Brake	black/red	-	parking brake switch or driver firewall, gray 40 pin plug, pin 7
Horn Trigger	black/blue	-	horn switch or GEM behind dash fuse box, brown 23 pin plug, pin 15
Wipers	black/white (LO); black/red (HI); black/white (ground)	-	wiper switch, gray 12 pin plug, pins 6, 2, 3
Left Front Window (Up/Down)	white/black - yellow/black	A	master window switch, black 7 pin plug (A), pins 1 - 7
Right Front Window (Up/Down)	yellow/violet - white/violet	A	master window switch, black 7 pin plug (B), pins 1 - 7
Radio 12V	orange/black	+	radio, black 8 pin plug (B), pin 7
Radio Ground	black/green	-	radio, black 8 pin plug (B), pin 4
Radio Ignition	yellow/green	+	radio, black 8 pin plug (B), pin 8
Radio Illumination	orange/black	+	radio, black 8 pin plug (B), pin 6
Power Antenna	green/blue	+	radio, black 12 pin plug, pin 2
Left Front Speaker (+/-)	white/black - gray/black	+,-	radio, black 8 pin plug (A), pins 3 - 7
Right Front Speaker (+/-)	white/red - gray/red	+,-	radio, black 8 pin plug (A), pins 2 - 6
Left Rear Speaker (+/-)	white/violet - gray/white	+,-	radio, black 8 pin plug (A), pins 4 - 8
Right Rear Speaker (+/-)	white - gray	+,-	radio, black 8 pin plug (A), pins 1 - 5
Aux. Audio Input Left (+/-)	white/violet - black	+,-	radio, white 12 pin plug, pins 5 - 6
Aux. Audio Input Right (+/-)	gray/white - black	+,-	radio, white 12 pin plug, pins 11 - 6



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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	5.25		left front door
Right Front Speaker	5.25		right front door
Left Rear Speaker			left rear roof
Right Rear Speaker			right rear roof



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Additional Wiring Notes

Item	Note
Left Front Window (Up/Down)	If the factory one touch down relay interferes with the aftermarket window module, then you will have to go straight to the driver power window motor in the door.