

## 2004 Ford F350



## Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	yellow and lt. green/purple	+	ignition harness
<b>Second 12 Volts</b>			
<b>Starter</b>	green	+	ignition harness
<b>Second Starter</b>	N/A		
<b>Ignition</b>	red/lt. green or white/yellow	+	ignition harness
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	gray/yellow and red/black	+	ignition harness
<b>Second Accessory</b>	blue/lt. green	+	ignition harness
<b>Third Accessory</b>			
<b>Key Sense</b>			
<b>Data Bus</b>			
<b>Can Bus High</b>			
<b>Can Bus Low</b>			
<b>Can Bus Sw</b>			
<b>Power Lock</b>	see notes		
<b>Power Unlock</b>	see power lock notes		
<b>Lock Motor</b>	pink/black	5wi	VSM
<b>Unlock Motor</b>	red/orange	5wi	VSM
<b>Disarm Defeat</b>	pink/orange	5wi	VSM
<b>Parking Lights (+)</b>	brown	+	headlight switch
<b>Parking Lights (-)</b>	N/A		
<b>Hazards</b>	same as turn signals		
<b>Turn Signal (Left)</b>	lt grn/wht (F), lt grn/org (R)	+	steering column
<b>Turn Signal (Right)</b>	wht/lt blu (F), org/lt blu (R)	+	steering column

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	red/yellow	+	headlight switch
<b>AutoLights</b>			
<b>Reverse Light</b>	black/pink	+	fuse box
<b>Left Front Door Trigger</b>	black/lt. blue	+	passenger kick panel
<b>Right Front Door Trigger</b>			
<b>Left Rear Door Trigger</b>			
<b>Right Rear Door Trigger</b>			
<b>Dome Supervision</b>	use door trigger		
<b>Trunk/Hatch Pin</b>	N/A		
<b>Rear Glass Pin</b>			
<b>Hood Pin</b>	N/A		
<b>Trunk Hatch/Release</b>	N/A		
<b>Trunk Release Motor</b>			
<b>Fuel Door Release</b>			
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>			
<b>Factory Alarm Arm</b>			
<b>Factory Alarm Disarm</b>			
<b>Disarm No Unlock</b>			
<b>Trunk Alarm Shunt</b>			
<b>Tachometer</b>	NOT red/lt. green	ac	any ignition coil
<b>Wait to Start</b>	see Tech Doc 1091		
<b>Neutral Safety</b>			
<b>Clutch Pedal</b>			
<b>Fuel Pump</b>			
<b>Rear Defroster</b>			
<b>Mirror Defroster</b>			
<b>Left Front Heated Seat</b>			
<b>Right Front Heated Seat</b>			

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	gray/black		instrument cluster or
Brake Wire	lt. green	+	brake pedal switch
Parking Brake	lt. green/red	-	parking brake switch
Horn Trigger	blue	-	steering column or VSM
Wipers	blue/orange	-	steering column
Left Front Window (Up/Down)	white/black - tan/lt. blue	A	driver window switch in door
Right Front Window (Up/Down)	white/yellow - tan/lt. blue	A	driver kick, door harness
Left Rear Window (Up/Down)	gray/orange - yellow/lt. blue	A	driver kick, door harness
Right Rear Window (Up/Down)	yellow/black - red/black	A	driver kick, door harness
Sun Roof (Open/Close)	N/A		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	brown/lt. green	-	memory mod under dr seat
Memory Seat 2	black/orange	-	memory mod under dr seat
Memory Seat 3	N/A		
Radio 12V	lt. green/purple	+	radio harness
Radio Ground	black/lt. green	-	radio harness
Radio Ignition	pink	+	radio harness
Radio Illumination	lt. blue/red (dimmer)	+	radio harness
Factory Amp Turn-on			
Power Antenna			
Left Front Speaker (+/-)	org/lt. grn - lt. blue/wht	+,-	radio harness
Right Front Speaker (+/-)	wht/lt. grn - green/orange	+,-	radio harness
Left Rear Speaker (+/-)	gray/lt. blue - tan/yellow	+,-	radio harness
Right Rear Speaker (+/-)	orange/red - brown/pink	+,-	radio harness
Center Channel (+/-)			
Subwoofer (+/-)			
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts			
Satellite Radio Ground			
Satellite Radio Ignition			
Satellite Radio Antenna			
Satellite Audio Left (+/-)			
Satellite Audio Right (+/-)			

*What Fits*


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Item	Size	Depth	Location
<b>Headunit</b>			
<b>Left Front Speaker</b>			
<b>Left Front Tweeter</b>			
<b>Right Front Speaker</b>			
<b>Right Front Tweeter</b>			
<b>Left Rear Speaker</b>			
<b>Left Rear Tweeter</b>			
<b>Right Rear Speaker</b>			
<b>Right Rear Tweeter</b>			
<b>Center Channel</b>			
<b>Subwoofer</b>			
<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>			

*Additional Wiring Notes*

Item	Note
<b>Power Lock</b>	Without keyless entry use pink/yellow for lock and pink/lt. green for unlock. They are 5 wire reverse polarity mastered from the driver switch and found in either kick panel. With keyless entry use white/red for lock and black/white for unlock. They are negative trigger and found at the VSM. On the vehicles with keyless entry the GEM shuts down after the doors have been locked for a certain time period, to wake up the system refer to Tech Doc 1094.
<b>Tachometer</b>	On diesel vehicles the tach wire is green/white in a 5 wire harness held up with white tape behind the parking brake release. The tach wire on these vehicles may generate an unclear signal. Options maybe to set the threshold jumper to when programming tach in some Directed remote systems or use part number 454T tach signal generator.
<b>Speed Sense</b>	Also found at the radio on vehicles that have the in-dash CD changer.
<b>Horn Trigger</b>	The VSM (Vehicle Security Module) is to the right of the accelerator pedal above the transmission hump below the radio. Not accessible from radio opening.
<b>Passenger Unlock Motor</b>	The VSM (Vehicle Security Module) is to the right of the accelerator pedal above the transmission hump below the radio. Not accessible from radio opening.
<b>Driver Unlock Motor</b>	The VSM (Vehicle Security Module) is to the right of the accelerator pedal above the transmission hump below the radio. Not accessible from radio opening.
<b>Lock Motor</b>	The VSM (Vehicle Security Module) is to the right of the accelerator pedal above the transmission hump below the radio. Not accessible from radio opening.
<b>Wait to Start</b>	On the remote start, make sure to program the Accessory State During Wait To Start to ON.