

1997 Ford Ranger



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	yellow	+	ignition harness
Second 12 Volts			
Starter	red/lt. blue	+	ignition harness
Second Starter			
Ignition	green/purple	+	ignition harness
Second Ignition			
Third Ignition			
Accessory	gray/yellow (x2)	+	ignition harness
Second Accessory	black/green	+	ignition harness
Third Accessory			
Key Sense			
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	pink/yellow	-	either kick panel
Power Unlock	pink/green	-	either kick panel
Lock Motor	pink/black		drivers door harness
Unlock Motor	red/orange		drivers door harness
Disarm Defeat	pink/orange		passengers door harness
Parking Lights (+)	brown or wht/blk		headlight switch
Parking Lights (-)			
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	red/yellow	+	switch
AutoLights			
Reverse Light			
Left Front Door Trigger	black/lt. blue	+	big harness DKP
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	black/lt. blue	+	low in drivers kick
Trunk/Hatch Pin			
Rear Glass Pin			
Hood Pin	tan/lt. green	-	low in drivers kick
Trunk Hatch/Release			
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)			
Power Sliding Door (Right)			
Factory Alarm Arm			
Factory Alarm Disarm	green/purple	-	low in drivers kick
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer			ignition coil
Wait to Start			
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	gray/black	8	PCM
Brake Wire	lt. green	+	brake switch
Parking Brake			
Horn Trigger	yellow/lt. green	-	steering column
Wipers			
Left Front Window (Up/Down)	wht/blk - red	A	drivers window motor
Right Front Window (Up/Down)	tan/blu - wht/yel	A	drivers window switch
Left Rear Window (Up/Down)			
Right Rear Window (Up/Down)			
Sun Roof (Open/Close)			
Sun Roof (Limit/Close)			
Memory Seat 1			
Memory Seat 2			
Memory Seat 3			
Radio 12V			
Radio Ground			
Radio Ignition			
Radio Illumination			
Factory Amp Turn-on			
Power Antenna			
Left Front Speaker (+/-)			
Right Front Speaker (+/-)			
Left Rear Speaker (+/-)			
Right Rear Speaker (+/-)			
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

Item	Size	Depth	Location
Headunit			
Left Front Speaker			
Left Front Tweeter			
Right Front Speaker			
Right Front Tweeter			
Left Rear Speaker			
Left Rear Tweeter			
Right Rear Speaker			
Right Rear Tweeter			
Center Channel			
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Additional Wiring Notes

Item	Note
Left Front Door Trigger	To avoid dome light delay use separate left and right negative door triggers. They are yellow/black for drivers door, and gray/red for passenger door. Both wires found at Generic Electronic Module (GEM), located behind center of dash. Use both wires and diode isolate each.
Parking Lights (+)	Also found low in the drivers kick panel.
Tachometer	Use any tan/stripe or yellow/stripe wire at the ignition coil.
Speed Sense	The PCM is located on the passengers side of the firewall.