1997 Ford Ranger





Wiring Information

H	W O. I.	D. L. 2	West seeds	
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)				

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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)

Speed Sense gray/black 8 PCM	Item	Wire Color	Polarity	Wire Location
Brake Wire It. green + brake switch Parking Brake Wingers Left Front Window (Up/Down)				
Parking Brake Horn Trigger Wipers Left Front Window (Up/Down) Right Front Window (Up/Down) Right Front 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 (+/-) Right Rear Speaker (+/-) Center Channel (+/-) Subwoofer (+/-) Aux. Audio Input Left (+/-) RSE Audio Left (+/-) RSE Audio Right (+/-) RSE Audio Right (+/-) RSE Audio Right (+/-) Satellite Radio Ground Satellite Radio Ignition Satellite Radio Ground Satellite Radio Ground Satellite Radio Ignition Satellite Radio Ignition Satellite Radio Antenna Satellite Radio Left (+/-)	•			
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Satellite Radio Antenna Satellite Audio Left (+/-)	Satellite Radio Ground			
Satellite Audio Left (+/-)	Satellite Radio Ignition			
	Satellite Radio Antenna			
Satellite Audio Right (+/-)	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			

DirectWire Vehicle Information - 10/15/2013 6:38:57 AM

Additional Wiring Notes

Item	Note
	To avoid dome light delay use seperate 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.