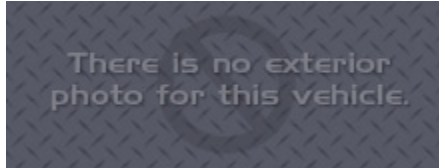


2001 Toyota 4Runner



Remote Start, Security, Keyless Entry, Accessories

Item	Wire Color	Polarity	Wire Location
12 Volts	white - white/red	+	ignition harness
Second 12 Volts			
Starter	green/black or black	+	ignition harness
Second Starter			
Ignition	black/yellow	+	ignition harness
Second Ignition	blk/red	+	ignition harness
Third Ignition			
Accessory	blue/red	+	ignition harness
Second Accessory			
Third Accessory			
Keysense	yellow/red	-	ignition harness
Data Bus	gry/red (data), red/blk (clock), pnk/blk (synchro)	data	Immobilizer Module
Can Bus High	N/A		
Can Bus Low	N/A		
Can Bus Sw	N/A		
Power Lock	brown/white	-	plug below fuse box
Power Unlock	grn/yel & blu/yel	-	plug below fuse box
Lock Motor	blue/white		driver kick blue 12 pin plug
Driver Unlock Motor	pink/green		driver kick blue 12 pin plug
Passenger Unlock Motor	black/yellow		driver kick harness to rear
Parking Lights (-)	red/white		light switch or column
Parking Lights (+)	green		dimmer or harness to rear
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			
Headlight	red/yellow	-	light switch or column
AutoLights			
Reverse Light			
Left Front Door Trigger	lt. green/black	-	
Right Front Door Trigger			
Left Rear Door Trigger			

Right Rear Door Trigger

Remote Start, Security, Keyless Entry, Accessories (Continued)

Item	Wire Color	Polarity	Wire Location
Dome Supervision	use door trigger	-	
Trunk/Hatch Pin	lt. green/red	-	driver kick 22 pin plug
Rear Glass Pin			
Hood Pin	green/orange	-	
Trunk/Hatch Release			
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)			
Power Sliding Door (Right)			
Factory Alarm Arm	arms with lock		
Factory Alarm Disarm	disarms with unlock		
Disarm No Unlock	use key sense wire		
Trunk Alarm Shunt			
Tachometer	black		
Wait to Start			
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			
Speed Sense	green/orange	ac	instrument cluster, blue 12 pin plug, pin 3
Brake Wire	green/white	+	at switch
Parking Brake			
Horn Trigger	green/red	-	steering column
Wipers	blue/blk - yel/blue	+	at switch
Left Front Window (Up/Down)	lt. green - blu/yel	A	inside drivers door
Right Front Window (Up/Down)	lt. green - blu/yel	A	inside passenger door
Left Rear Window (Up/Down)	red/blue - red/yel	A	drivers kick panel
Right Rear Window (Up/Down)	yellow - green	A	drivers kick panel
Sun Roof (Open/Close)	blue/white - white	A	at switch or motor
Sun Roof (Limit/Close)			
Memory Seat 1			
Memory Seat 2			
Memory Seat 3			

Audio

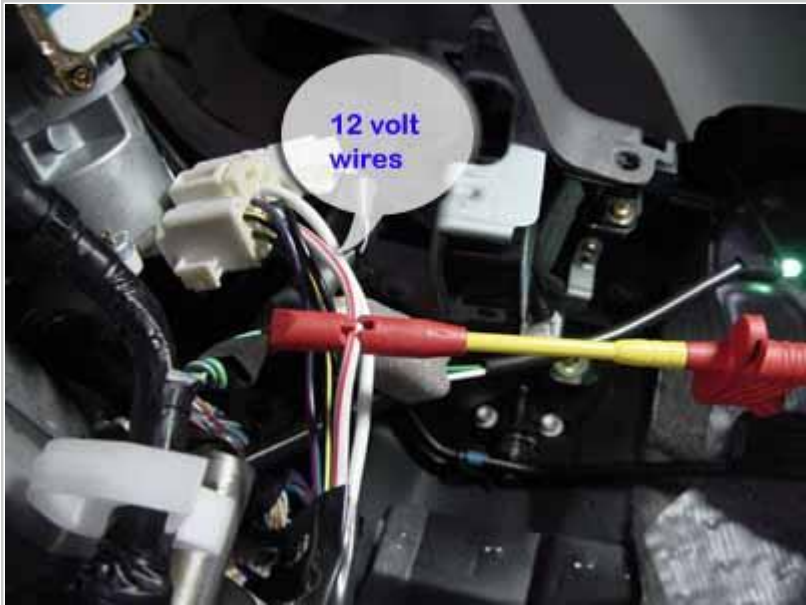
Item	Wire Color	Polarity	Wire Location
Radio 12V	blue/yellow	+	at radio
Radio Ground	brown	-	at radio
Radio Ignition	gray	+	at radio
Radio Illumination	violet	+	at radio
Factory Amp Turn-on			
Power Antenna	black/white	+	at radio
Left Front Speaker (+/-)	pink - violet		at radio or speaker
Right Front Speaker (+/-)	lt.green - blue		at radio or speaker
Left Rear Speaker (+/-)	black - yellow		at radio or speaker
Right Rear Speaker (+/-)	red - white		at radio or 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			

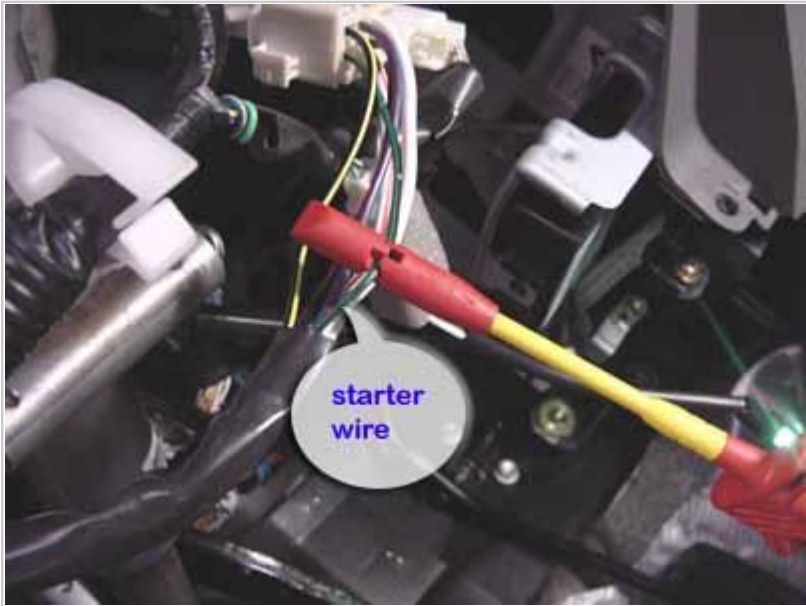
Left Rear Headrest
Right Rear Headrest
Satellite Radio Tuner

Wiring Photo and Notes: 12 Volts



Notes:
There are currently no notes for this item.

Wiring Photo and Notes: Starter



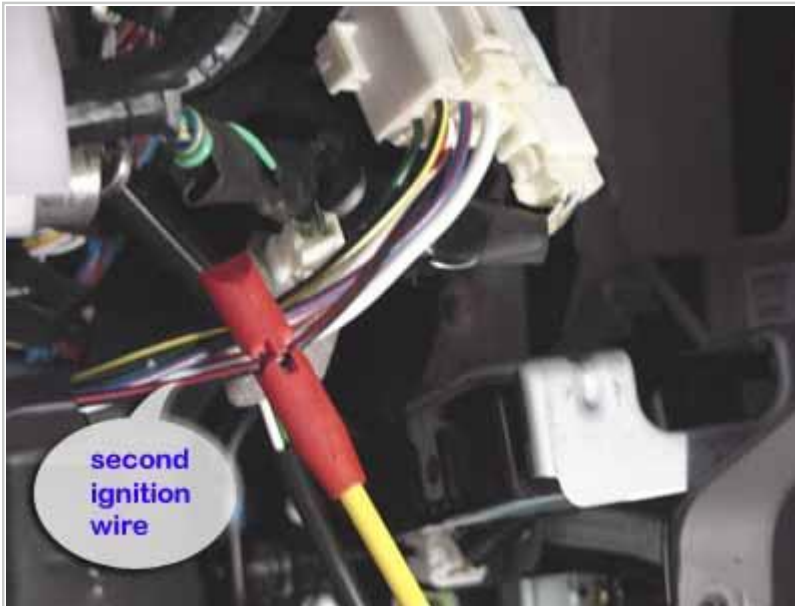
Notes:
There are currently no notes for this item.

Wiring Photo and Notes: Ignition

**Notes:**

There are currently no notes for this item.

Wiring Photo and Notes: Second Ignition

**Notes:**

There are currently no notes for this item.

Wiring Photo and Notes: Accessory

**Notes:**

There are currently no notes for this item.

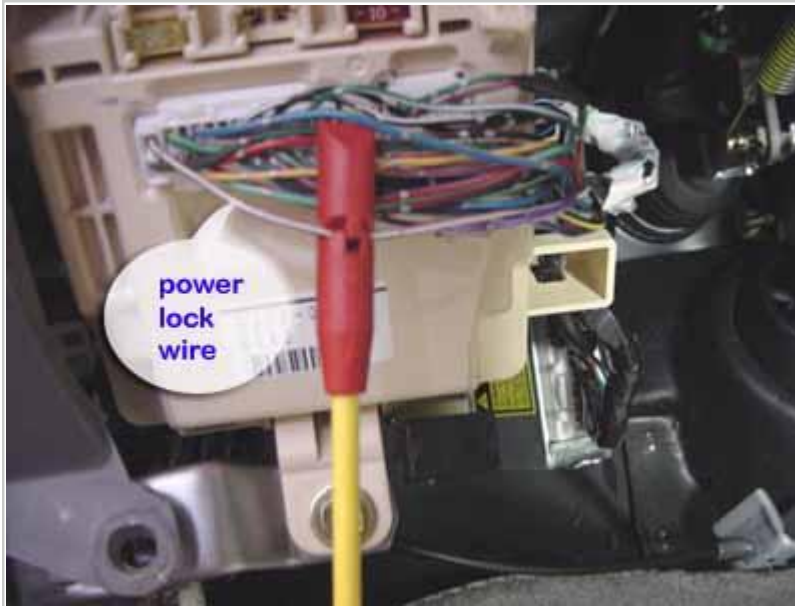
Wiring Notes: Keysense**Notes:**

Using the status output wire from the remote start to trigger this wire will disarm the factory alarm without unlocking the doors.

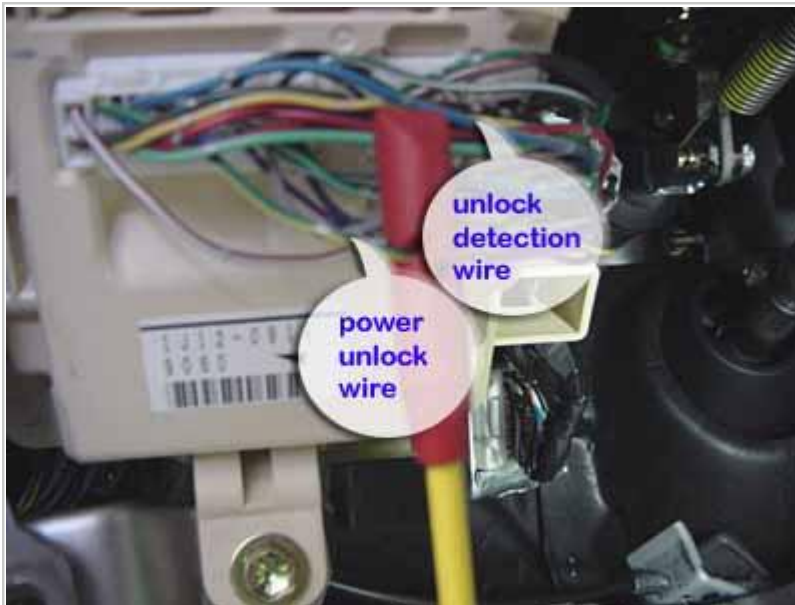
Wiring Notes: Data Bus**Notes:**

The Immobilizer Module is around the ignition key switch. The immobilizer ignition wire is white/blue and the ground reference wire is brown.

Wiring Photo and Notes: Power Lock

**Notes:**

The door lock wires will meter while turning the key in the passenger door key cylinder.

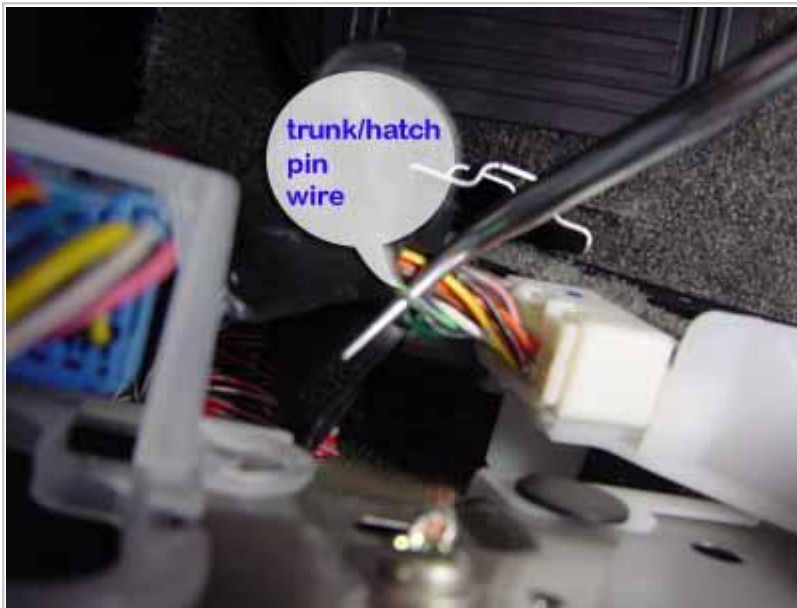
Wiring Photo and Notes: Power Unlock**Notes:**

The door lock wires will meter while turning the key in the passenger door key cylinder. The green/yellow wire is the key cylinder unlock wire, the blue/yellow wire is the unlock detection wire. Use both wires and diode isolate.

*Wiring Notes: Left Front Door Trigger***Notes:**

behind drivers side junction block in a 13 pin plug.

Wiring Photo and Notes: Trunk/Hatch Pin

**Notes:**

There are currently no notes for this item.

Wiring Notes: Hood Pin**Notes:**

drivers side firewall in a gray 26 pin plug.

Wiring Notes: Tachometer**Notes:**

located in the diagnostic plug on the drivers side of engine compartment.

Wiring Photo and Notes: Horn Trigger

**Notes:**

There are currently no notes for this item.



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