

INSTALLATION WIRING GUIDE – Toyota / Sienna / 2006

ITEM	Wire Color	POL	Wire Location
12volts	wht/red (30A), wht/blue (7.5A)	+	ignition harness
Starter	black/yellow	+	ignition harness
Second Starter	N/A		
Ignition	black	+	ignition harness
Second Ignition	black/yellow	+	ignition harness
Third Ignition	N/A		
Accessory	pink	+	ignition harness
Second Accessory	N/A		
Keysense	blue/black	-	ignition harness
Notes: Using the status output to trigger this wire during remote start will disarm the factory alarm without unlocking the doors.			
Power Lock	lt. green	-	driver kick, 18 pin plug
Notes: Meter these wires while turning the key in the driver door key cylinder.			
Power Unlock	blue (double pulse)	-	driver kick, 18 pin plug
Notes: Meter these wires while turning the key in the driver door key cylinder. Can also use the passenger door key cylinder wire for unlock, which only requires a single pulse. It is blue/yellow (-) in the passenger kick in a 12 pin plug.			
Lock Motor	blue/red	5wi	driver kick, 12 pin plug
Unlock Motor	white/red to red	5wi	driver kick, 18 pin plug
Disarm Defeat	blue/black	5wi	top R of fuse box, 12 pin plug
Parking Lights+	do not use, relay rests at gnd		
Parking Lights-	green/black	-	headlight switch
Hazards	black/orange	-	hazard switch
Turn Signal(L)	green/black	+	R side of fuse box, 30 pin plug
Turn Signal(R)	green/yellow	+	R side of fuse box, 30 pin plug
Headlight	red/green	-	headlight switch
Reverse Light	red/black	+	driver kick, harness to rear
Door Trigger	blue	-	interior light switch on dash
Notes: Can also use individual door trigger wires. The driver door is red/yellow in the 16 pin plug, pin 14 at the BECU. The passenger door is red/yellow in the 28 pin plug, pin 23 at the BECU. The left sliding door is gray, pin 19, in a 25 pin plug on the right side of the fuse box. The right sliding door is red/white in the 16 pin plug, pin 16 at the BECU. The hatch door is green/white in the 28 pin plug, pin 25 at the BECU. Use all wires and diode isolate each. The BECU (Body ECU) is attached to the back of the fuse box under the driver side dash.			
Dome Supervision	red/green	-	interior light switch on dash
Trunk/Hatch Pin	common with door trigger wire		
Hood Pin	red/white	-	BECU, 10 pin plug, pin 10
Notes: The BECU (Body ECU) is attached to the back of the fuse box under the driver side dash.			
Trunk/Hatch Release	yellow/red (power back door)	-	bottom L of fuse box, 22 pin plug
Notes: On vehicles without the power back door, the hatch release is green/black (-) at the BECU, 28 pin plug, pin 3. Meter this wire while open the hatch from the handle on the rear hatch. The hatch release motor wire is blue/black (+) at the BECU, 26 pin plug, pin 1. The BECU (Body ECU) is attached to the back of the fuse box under the driver side dash.			
Power Sliding Door	yellow/green (L), purple	-	bottom L of fuse box,

	(R)		22 pin plug
Factory Alarm Arm	arms with lock		
Factory Alarm Disarm	disarms with unlock		
Disarm No Unlock	use key sense wire		
Tachometer	black/orange	ac	ECM, top plug, pin 5
Notes: The ECM (Engine Control Module) is behind the glove box.			
Wait to start	N/A		
Speed Sense	purple/white		ECM, second plug from top, pin 17
Notes: The ECM (Engine Control Module) is behind the glove box. The VSS wire is also found in the radio harness or, if equipped, at the amplifier behind the glovebox.			
Brake Wire	green/white	+	brake pedal switch
Parking Brake	red/white	-	R side of fuse box, 36 pin plug
Horn Trigger	green/black	-	horn switch
Wipers	blue/blk (L), blue/org (H)	+	windshield wiper switch
LF Window up/dn	red - green	A	driver window switch in door
RF Window up/dn	red/blue - green/white	A	driver kick, 18 pin plug
LR Window up/dn	red/yellow - green/yellow	A	driver kick, 18 pin plug
RR Window up/dn	red/black - green/black	A	driver kick, 18 pin plug
Sun Roof open/close	motor part of module		
Sun Roof Limit/close	N/A		
Memory Seat 1	pink/blue	-	seat memory switch in door
Memory Seat 2	lt. green/black	-	seat memory switch in door
Memory Seat 3	N/A		
Radio 12v	blue/yellow	+	radio harness
Radio Ground	white/black	-	radio harness
Radio Ignition	gray	+	radio harness
Radio Illumination	green	+	radio harness
Factory Amp Turn-on	N/A		
Power Antenna	pink/blue	+	radio harness
LF Speaker +/-	pink - purple	+,-	radio harness or amp behind glovebox
RF Speaker +/-	lt. green - blue	+,-	radio harness or amp behind glovebox
LR Speaker +/-	black - yellow	+,-	radio harness or amp behind glovebox
RR Speaker +/-	red - white	+,-	radio harness or amp behind glovebox
Immobilizer Bypass Module:	Required: Yes	Type: Transponder	
Notes: Standard on LE, XLE and Limited models.			