Vehicle Wiring Information
for the
2001 Lexus LS 430

ITEM	WIRE COLOR	POL	WIRE LOCATION
12V	black/red	+	ignition harness
STARTER	black/white	+	ignition harness
IGNITION	black	+	ignition harness
SECOND IGNITION	red/white	+	ignition harness
ACCESSORY	white/green	+	ignition harness
POWER LOCK	red/black	-	driver door ECU in the door
POWER UNLOCK	black/green *5	-	driver door ECU in the door
LOCK MOTOR	brown		driver door ECU in the door
UNLOCK MOTOR	yellow		driver door ECU in the door
DISARM DEFEAT			
PARKING LIGHTS +	*1		
HEADLIGHTS	red/yellow	-	drivers kick panel *4
DOOR TRIGGER	purple/white	-	ignition key cylinder light
DOME SUPERVISION	comes on with unlock		
TRUNK/HATCH PIN	blue	-	trunk pin switch
HOOD PIN	green/white	-	hood pinswitch in latch
TRNK/HTCH RELEASE	purple	-	release switch
FCTRY ALARM ARM	arms with lock		
FCTRY ALRM DISARM	disarms with unlock		
DISARM NO UNLOCK	green/red	-	trunk key cylinder
TACHOMETER	black/yellow		data link connector *2
SPEED SENSE	purple/white		instrument cluster *3
BRAKE WIRE	green/orange	+	brake pedal switch
HORN TRIGGER	black & green/white	5wi	horns in front of radiator
WIPERS	pink & blue/red	+	wiper motor
LF WINDOW UP/DN	red/green - green		LF window motor
RF WINDOW UP/DN	red/green - green		RF window motor
LR WINDOW UP/DN	red - green		LR window motor
RR WINDOW UP/DN	red - green		RR window motor
SUN RF OPN/CLOSE	not recommended		

Notes:
NOTE: This vehicle has an immobilizer system that needs to be bypassed when adding remote start. Use DEI part number 555U. *1 The parking lights are multiplex from the headlight switch to the Front Controller and the Luggage Room ECU. The control modules then output to each light individually. Better to use the hazard lights, it is orange (-) at the hazard switch or also at the driver side fusebox in a 10 pin plug facing the rear of the vehicle. *2 The data link connector is under the steering column. *3 Also found at the multi-display in the center of the dash. *4 It is at the fusebox, in an 18 pin plug that faces the firewall. *5 Unlock requires a double pulse.