

## 2006 Chevrolet Express Van



### Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red/black (40A)	+	ignition harness
<b>Second 12 Volts</b>	red/black (40A)	+	ignition harness
<b>Starter</b>	yellow	+	ignition harness
<b>Second Starter</b>	N/A		
<b>Ignition</b>	pink	+	ignition harness
<b>Second Ignition</b>	white	+	ignition harness
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	orange	+	ignition harness
<b>Second Accessory</b>	brown	+	ignition harness
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	lt. green	-	ignition harness
<b>Data Bus</b>	yellow (resistor code), tan (ground)	Passlock 2	Passlock sensor on ignition key cylinder
<b>Can Bus High</b>			
<b>Can Bus Low</b>			
<b>Can Bus Sw</b>	purple	data	data link connector under driver dash, pin 2
<b>Power Lock</b>	lt. blue	-	BCM, lt. blue plug, pin B5
<b>Power Unlock</b>	white	-	BCM, lt. blue plug, pin B10
<b>Lock Motor</b>	gray	5wi	driver kick, door harness
<b>Unlock Motor</b>	tan	5wi	driver kick, door harness
<b>Disarm Defeat</b>	tan	5wi	fuse box under driver seat
<b>Parking Lights (+)</b>	brown	+	fuse box under driver seat
<b>Parking Lights (-)</b>	brown/white	-	BCM, brown plug, pin B2
<b>Hazards</b>	white	-	BCM, gray plug, pin A5
<b>Turn Signal (Left)</b>	lt. blue/white	+	turn signal switch
<b>Turn Signal (Right)</b>	dk. blue/white	+	turn signal switch

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	white	-	BCM, lt. blue plug, pin A12
<b>AutoLights</b>			
<b>Reverse Light</b>	lt. green	+	BCM, black plug, pin F
<b>Left Front Door Trigger</b>	see notes	-	BCM, lt. blue plug
<b>Right Front Door Trigger</b>			
<b>Left Rear Door Trigger</b>			
<b>Right Rear Door Trigger</b>			
<b>Dome Supervision</b>	gray/black or dk. blue/white	+	BCM, black plug, pin E
<b>Trunk/Hatch Pin</b>	common with door trigger wire		
<b>Rear Glass Pin</b>			
<b>Hood Pin</b>	N/A		
<b>Trunk Hatch/Release</b>	N/A		
<b>Trunk Release Motor</b>			
<b>Fuel Door Release</b>			
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>			
<b>Factory Alarm Arm</b>	N/A		
<b>Factory Alarm Disarm</b>	N/A		
<b>Disarm No Unlock</b>	N/A		
<b>Trunk Alarm Shunt</b>			
<b>Tachometer</b>	white or purple	ac	PCM, green plug, pin 26
<b>Wait to Start</b>	dk. blue	-	cluster or ECM, 58 pin plug, pin 16
<b>Neutral Safety</b>			
<b>Clutch Pedal</b>			
<b>Fuel Pump</b>			
<b>Rear Defroster</b>	white	5 wire	rear defogger switch or fuse box under driver seat
<b>Mirror Defroster</b>	same as rear defroster		
<b>Left Front Heated Seat</b>			
<b>Right Front Heated Seat</b>			

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Speed Sense</b>	dk. green/white		PCM, green plug, pin 50
<b>Brake Wire</b>	white	+	brake pedal switch
<b>Parking Brake</b>	lt. blue	-	BCM, lt. blue plug, pin A7
<b>Horn Trigger</b>	tan	-	BCM, gray plug, pin B9
<b>Wipers</b>	pink (L), dk. blue (H)	-	windshield wiper switch
<b>Left Front Window (Up/Down)</b>	dk. blue - brown	A	driver window switch in door
<b>Right Front Window (Up/Down)</b>	white - orange	A	driver kick, door harness
<b>Left Rear Window (Up/Down)</b>	N/A		
<b>Right Rear Window (Up/Down)</b>	N/A		
<b>Sun Roof (Open/Close)</b>	N/A		
<b>Sun Roof (Limit/Close)</b>	N/A		
<b>Memory Seat 1</b>	N/A		
<b>Memory Seat 2</b>	N/A		
<b>Memory Seat 3</b>	N/A		
<b>Radio 12V</b>	red/white	+	radio harness
<b>Radio Ground</b>	black/white	-	radio harness
<b>Radio Ignition</b>	(Class 2 Serial Data)		
<b>Radio Illumination</b>	N/A		
<b>Factory Amp Turn-on</b>	N/A		
<b>Power Antenna</b>	N/A		
<b>Left Front Speaker (+/-)</b>	dk. blue - lt. blue	+,-	radio harness
<b>Right Front Speaker (+/-)</b>	orange - dk. green	+,-	radio harness
<b>Left Rear Speaker (+/-)</b>	tan - white	+,-	radio harness
<b>Right Rear Speaker (+/-)</b>	tan - orange	+,-	radio harness
<b>Center Channel (+/-)</b>			
<b>Subwoofer (+/-)</b>			
<b>Aux. Audio Input Left (+/-)</b>			
<b>Aux. Audio Input Right (+/-)</b>			
<b>RSE Video (+/-)</b>			
<b>RSE Audio Left (+/-)</b>			
<b>RSE Audio Right (+/-)</b>			
<b>Satellite Radio 12 Volts</b>			
<b>Satellite Radio Ground</b>			
<b>Satellite Radio Ignition</b>			
<b>Satellite Radio Antenna</b>			
<b>Satellite Audio Left (+/-)</b>			
<b>Satellite Audio Right (+/-)</b>			

*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			

*Smart Starter Kill Relay*



Relay Type:	n/a
Part #:	n/a
OE Relay Part #:	
Location:	n/a

<b>Notes:</b>
n/a

<b>Alternate Part Notes:</b>
n/a

*Immobilizer Bypass Module*

---



<b>Required:</b>	<b>Yes</b>
<b>Type:</b>	<b>Passlock II</b>
<b>Part #:</b>	<b>GMBP</b>
<b>Alternate Part #'s:</b>	<b>555LW, 556LW, DesignTech 20402, DesignTech 29402, PLJX</b>

<b>Notes:</b>
<b>Standard on all models. The Passlock II wire colors are yellow, tan, and orange/white (not used).</b>

*Combo Interface Module*

---



<b>Required:</b>	<b>No</b>
<b>Type:</b>	<b>Data Bus</b>
<b>Part #:</b>	<b>1700G</b>
<b>Alternate Part #'s:</b>	<b>457GW</b>

<b>Notes:</b>
<b>Can use the 1700G or 457GW to bypass the Passlock II, but it will not control the door locks on this model year.</b>

*Additional Wiring Notes*

Item	Note
<b>Power Lock</b>	The BCM (Body Control Module) is under the passenger side dash, behind the knee bolster.
<b>Power Unlock</b>	The BCM (Body Control Module) is under the passenger side dash, behind the knee bolster.
<b>Headlight</b>	The BCM (Body Control Module) is under the passenger side dash, behind the knee bolster.
<b>Reverse Light</b>	The BCM (Body Control Module) is under the passenger side dash, behind the knee bolster.
<b>Dome Supervision</b>	The BCM (Body Control Module) is under the passenger side dash, behind the knee bolster.
<b>Tachometer</b>	It is white on the 4.3L, and purple on the 4.8L, 5.3L, and 6.0L. On diesel models, the tach wire is dk. blue/white at the ECM, 96 pin plug, pin 56. The PCM (Powertrain Control Module) or ECM (Engine Control Module) is on the driver side fender.
<b>Parking Brake</b>	The BCM (Body Control Module) is under the passenger side dash, behind the knee bolster.
<b>Horn Trigger</b>	The BCM (Body Control Module) is under the passenger side dash, behind the knee bolster.
<b>Wait to Start</b>	The ECM (Engine Control Module) is on the driver side fender.
<b>Hazards</b>	The BCM (Body Control Module) is under the passenger side dash, behind the knee bolster.
<b>Left Front Door Trigger</b>	The driver door trigger is tan in pin B4, the front passenger and rear cargo door trigger is lt. green in pin A5, and the rear doors or sliding doors trigger is yellow/black in pin A10. Use all three wires and diode isolate each. The BCM (Body Control Module) is under the passenger side dash, behind the knee bolster.
<b>Speed Sense</b>	On diesel models, the VSS wire is yellow/black at the ECM, 58 pin plug, pin 54. The PCM (Powertrain Control Module) or ECM (Engine Control Module) is on the driver side fender.
<b>Parking Lights (-)</b>	The BCM (Body Control Module) is under the passenger side dash, behind the knee bolster.
<b>Trunk Hatch/Release</b>	Power release wires for the pop out windows (Access Panels). Purple Plug at BCM behind lower right side of dash. Left Front (-) Light Blue (Pin B8) Right Rear (-) Light Blue (Pin A7) Left Rear (-) Light Green (Pin B7)