

Vehicle Wiring Information
for the
2002 GMC Envoy XL

ITEM	WIRE COLOR	POL	WIRE LOCATION
12V	red (x2)	+	ignition harness
STARTER	yellow	+	ignition harness
IGNITION	pink	+	ignition harness
SECOND IGNITION	white	+	ignition harness
ACCESSORY	orange	+	ignition harness
SECOND ACCESSORY	brown	+	ignition harness
POWER LOCK	see directfax		
POWER UNLOCK	document #1053		
LOCK MOTOR	gray		driver door module in door
UNLOCK MOTOR	tan		driver door module in door
DISARM DEFEAT	tan		relay box under rear seat
PARKING LIGHTS +	brown		driver kick panel
PARKING LIGHTS -	gray/black		headlight switch
HEADLIGHTS	white	-	headlight switch
DOOR TRIGGER	gray/black	+	underdash light
DOME SUPERVISION	comes on with disarm		
TRUNK/HATCH PIN	pink/black *1	-	liftgate module
HOOD PIN	pink/black	-	pin switch or BCM
FCTRY ALARM ARM			
FCTRY ALRM DISARM	lt. green	-	driver door module in door
TACHOMETER	white		blue plug, pin 49 @ PCM *2
SPEED SENSE	green/white		blue plug, pin 32 @ PCM *2
BRAKE WIRE	white	+	brake pedal switch
HORN TRIGGER	black	-	steering column
WIPERS			
LF WINDOW UP/DN	blue - brown	A	driver door module
RF WINDOW UP/DN	lt. blue - tan	A	front passenger door module
LR WINDOW UP/DN	blue - brown	A	LR window switch
RR WINDOW UP/DN	blue - brown	A	RR window switch
SUN RF OPN/CLOSE	blue/red - blue	A	sun roof motor
RADIO 12V	orange	+	radio
RADIO GROUND	black/white	-	radio
RADIO SWITCH			
RADIO ILLUMINATE	brown/white (dimmer)	+	radio
POWER ANTENNA	gray	+	radio
LF SPEAKER	tan - gray		radio
RF SPEAKER	lt. green - green		radio
LR SPEAKER	brown - yellow		radio
RR SPEAKER	blue - lt. blue		radio

Notes:

NOTE: This vehicle has the passlock II immobilizer system that, when adding a remote start, must be interfaced with. Use DEI part 555L. *1 The liftgate glass ajar switch wire is purple. It is also located at the liftgate module in the liftgate. *2 The PCM (Powertrain Control Module) is on the driver side of the motor.

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2002 GMC Envoy

ITEM	WIRE COLOR	POL	WIRE LOCATION
12V	red (x2)	+	ignition harness
STARTER	yellow	+	ignition harness
IGNITION	pink	+	ignition harness
SECOND IGNITION	white	+	ignition harness
ACCESSORY	orange	+	ignition harness
SECOND ACCESSORY	brown	+	ignition harness
POWER LOCK	see directfax		
POWER UNLOCK	document #1053		
LOCK MOTOR	gray		driver door module in door
UNLOCK MOTOR	tan		driver door module in door
DISARM DEFEAT	tan		relay box under rear seat
PARKING LIGHTS +	brown		driver kick panel
PARKING LIGHTS -	gray/black		headlight switch
HEADLIGHTS	white	-	headlight switch
DOOR TRIGGER	gray/black	+	underdash light
DOME SUPERVISION	comes on with disarm		
TRUNK/HATCH PIN	pink/black *1	-	liftgate module
HOOD PIN	pink/black	-	pin switch or BCM
FCTRY ALARM ARM			
FCTRY ALRM DISARM	lt. green	-	driver door module in door
TACHOMETER	white		blue plug, pin 49 @ PCM *2
SPEED SENSE	green/white		blue plug, pin 32 @ PCM *2
BRAKE WIRE	white	+	brake pedal switch
HORN TRIGGER	black	-	steering column
WIPERS			
LF WINDOW UP/DN	blue - brown	A	driver door module
RF WINDOW UP/DN	lt. blue - tan	A	front passenger door module
LR WINDOW UP/DN	blue - brown	A	LR window switch
RR WINDOW UP/DN	blue - brown	A	RR window switch
SUN RF OPN/CLOSE	blue/red - blue	A	sun roof motor
RADIO 12V	orange	+	radio
RADIO GROUND	black/white	-	radio
RADIO SWITCH			
RADIO ILLUMINATE	brown/white (dimmer)	+	radio
POWER ANTENNA	gray	+	radio
LF SPEAKER	tan - gray		radio
RF SPEAKER	lt. green - green		radio
LR SPEAKER	brown - yellow		radio
RR SPEAKER	blue - lt. blue		radio

Notes:

NOTE: This vehicle has the passlock II immobilizer system that, when adding a remote start, must be interfaced with. Use DEI part 555L. *1 The liftgate glass ajar switch wire is purple. It is also located at the liftgate module in the liftgate. *2 The PCM (Powertrain Control Module) is on the driver side of the motor.

Vehicle Wiring Information

for the
2001 GMC Envoy

ITEM	WIRE COLOR	POL	WIRE LOCATION
12V	red	+	ignition harness
STARTER	yellow	+	ignition harness
IGNITION	pink	+	ignition harness
SECOND IGNITION	white	+	ignition harness
ACCESSORY	orange	+	ignition harness
POWER LOCK	lt. blue	+	brown plug at BCM *1
POWER UNLOCK	white	+	brown plug at BCM *1
LOCK MOTOR	gray		drivers kick panel
UNLOCK MOTOR	tan		drivers kick panel
DISARM DEFEAT	tan		passengers kick panel
PARKING LIGHTS +	brown		lt. blue plug at BCM *1
PARKING LIGHTS -	white *4		lt. blue plug at BCM *1
HEADLIGHTS	purple/white	-	purple plug at BCM *1
DOOR TRIGGER	*2	-	BCM *1
DOVE SUPERVISION	use door trigger		
TRUNK/HATCH PIN	pink/black	-	lt. blue plug at BCM *1
TRNK/HTCH RELEASE	black	-	purple plug at BCM *1
FCTRY ALRM DISARM	lt. green	-	purple plug at BCM *1
TACHOMETER	white		PCM *3
BRAKE WIRE	white	+	steering column
HORN TRIGGER	black	-	steering column *5

Notes:

NOTE: This vehicle has the passlock II immobilizer system that, when adding a remote start, must be interfaced with. Use DEI part 555t or 555L. *1 The BCM is located to the right of the accelerator pedal below the radio. The plugs on the BCM face towards the drivers side. *2 Use tan for the drivers door located in pin B4 of the purple plug, orange for the passenger door located in pin B2 of the purple plug, and dk. blue/white for the rear doors and rear hatch located in pin B11 of the lt. blue plug, must diode isolate these wires. *3 The PCM is located on the passenger fender. On the 2.2L the wire is in a black 80 pin plug pin 10, and on the 4.3L the wire is in a red 32 pin plug pin 20. *4 This wire will not test when using the headlight switch. This wire is triggered by the DRL system. To meter the wire, start the car with the parking brake set, when the brake is released this wire will go to ground. *5 Also found in the brown plug at the BCM on vehicles with a factory alarm.

Vehicle Wiring Information for the 2000 GMC Envoy

ITEM	WIRE COLOR	POL	WIRE LOCATION
12V	red	+	ignition harness
STARTER	yellow	+	ignition harness
IGNITION	pink	+	ignition harness
SECOND IGNITION	white	+	ignition harness
ACCESSORY	orange	+	ignition harness
POWER LOCK	lt. blue	+	brown plug at BCM *1
POWER UNLOCK	white	+	brown plug at BCM *1
LOCK MOTOR	gray		drivers kick panel
UNLOCK MOTOR	tan		drivers kick panel
DISARM DEFEAT	tan		passengers kick panel
PARKING LIGHTS +	brown		lt. blue plug at BCM *1
PARKING LIGHTS -	white *4		lt. blue plug at BCM *1
HEADLIGHTS	purple/white	-	purple plug at BCM *1
DOOR TRIGGER	*2	-	BCM *1
DOME SUPERVISION	use door trigger		
TRUNK/HATCH PIN	pink/black	-	lt. blue plug at BCM *1
TRNK/HTCH RELEASE	black	-	purple plug at BCM *1
FACTRY ALRM DISARM	lt. green	-	purple plug at BCM *1
TACHOMETER	white		PCM *3
BRAKE WIRE	white	+	steering column
HORN TRIGGER	black	-	steering column *5

Notes:

NOTE: This vehicle has the passlock II immobilizer system that, when adding a remote start, must be interfaced with. Use DEI part 555t or 555L. *1 The BCM is located to the right of the accelerator pedal below the radio. The plugs on the BCM face towards the drivers side. *2 Use tan for the drivers door located in pin B4 of the purple plug, orange for the passenger door located in pin B2 of the purple plug, and dk. blue/white for the rear doors and rear hatch located in pin B11 of the lt. blue plug, must diode isolate these wires. *3 The PCM is located on the passenger fender. On the 2.2L the wire is in a black 80 pin plug pin 10, and on the 4.3L the wire is in a red 32 pin plug pin 20. *4 This wire will not test when using the headlight switch. This wire is triggered by the DRL system. To meter the wire, start the car with the parking brake set, when the brake is released this wire will go to ground. *5 Also found in the brown plug at the BCM on vehicles with a factory alarm.

Vehicle Wiring Information
for the
1999 GMC Envoy

ITEM	WIRE COLOR	POL	WIRE LOCATION
12V	red	+	ignition harness
STARTER	yellow	+	ignition harness
IGNITION	pink	+	ignition harness
SECOND IGNITION	white	+	ignition harness
ACCESSORY	orange	+	ignition harness
POWER LOCK	lt. blue	+	brown plug at BCM *1
POWER UNLOCK	white	+	brown plug at BCM *1
LOCK MOTOR	gray		drivers kick panel
UNLOCK MOTOR	tan		drivers kick panel
DISARM DEFEAT	tan		passengers kick panel
PARKING LIGHTS +	brown		lt. blue plug at BCM *1
PARKING LIGHTS -	white *4		lt. blue plug at BCM *1
HEADLIGHTS	purple/white	-	purple plug at BCM *1
DOOR TRIGGER	*2	-	BCM *1
DOVE SUPERVISION	use door trigger		
TRUNK/HATCH PIN	pink/black	-	lt. blue plug at BCM *1
TRNK/HATCH RELEASE	black	-	purple plug at BCM *1
FACTRY ALRM DISARM	lt. green	-	purple plug at BCM *1
TACHOMETER	white		PCM *3
BRAKE WIRE	white	+	steering column
HORN TRIGGER	black	-	steering column *5

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