

2005 Dodge Durango

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/org (30A), red/blue (20A)	+	ignition harness
Second 12 Volts			
Starter	pink/lt. blue	+	ignition harness
Second Starter	N/A		
Ignition	pink/lt. green	+	ignition harness
Second Ignition	pink or black	+	ignition harness
Third Ignition	N/A		
Accessory	purple (-) and pink/yellow (+)	-,+	ignition harness
Second Accessory	pink/purple	+	ignition harness
Third Accessory			
Key Sense	purple/tan	-	ignition harness
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	purple/dk. green	-	see notes
Power Unlock	same as power lock wire		
Lock Motor	lt. green	5wi	driver kick, door harness
Unlock Motor	tan/lt. green	5wi	driver kick, door harness
Disarm Defeat	tan/orange	5wi	driver kick, harness to rear
Parking Lights (+)	pink/red (L), white/orange (R)	+	fuse box, black plug, pins 6 and 5
Parking Lights (-)	pink/red	-	headlight switch
Hazards	white/dk. blue	-	hazard switch
Turn Signal (Left)	use hazards wire		
Turn Signal (Right)	use hazards wire		

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	pink/red	-	headlight switch
AutoLights			
Reverse Light	white/lt. green or white/red	+	fuse box, black plug, pin 17 or 18
Left Front Door Trigger	see notes	-	see notes
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	yellow/orange	+	large 74 pin plug near fuse box
Trunk/Hatch Pin	purple/orange	-	large 74 pin plug near fuse box
Rear Glass Pin			
Hood Pin	purple/lt. blue	-	hood pin switch
Trunk Hatch/Release	N/A		
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)			
Factory Alarm Arm	arms on lock with door open		
Factory Alarm Disarm	factory remote only		
Disarm No Unlock	Sentry Key, ignition, and keysense		
Trunk Alarm Shunt			
Tachometer	NOT red or brown/white	ac	any ignition coil or fuel injector
Wait to Start	N/A		
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	wheel speed sensor		
Brake Wire	white/tan	+	fuse box, black plug, pin 19
Parking Brake	dk. green/white	-	parking brake switch
Horn Trigger	dk. green/purple	-	horn switch
Wipers	brown/wht (L), brown/org (H)	+	windshield wiper motor
Left Front Window (Up/Down)	white/dk. blue - orange/white	A	driver window switch in door
Right Front Window (Up/Down)	white/dk. green - orange	A	driver kick, door harness
Left Rear Window (Up/Down)	dk. blu/lt. grn - dk. blu/pnk	A	driver kick, door harness
Right Rear Window (Up/Down)	tan/white - dk. blue/orange	A	driver kick, door harness
Sun Roof (Open/Close)	motor part of module		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	lt. green/dk. blue	-	Driver Memory Mirror Module in door
Memory Seat 2	same as memory seat 1 wire		
Memory Seat 3	N/A		
Radio 12V	gray/red	+	radio harness
Radio Ground	black and black/lt. green	-	radio harness
Radio Ignition	(CAN data bus)		
Radio Illumination	(CAN data bus)		
Factory Amp Turn-on	(CAN data bus)		
Power Antenna	N/A		
Left Front Speaker (+/-)	dk. green - dk. green/brown	+,-	radio harness
Right Front Speaker (+/-)	gray - gray/brown	+,-	radio harness
Left Rear Speaker (+/-)	dk. grn/dk. blue - dk. grn/org	+,-	radio harness
Right Rear Speaker (+/-)	gray/dk. blue - gray/orange	+,-	radio harness
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 Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Smart Starter Kill Relay

Relay Type:	Starter Relay
Part #:	6403A
OE Relay Part #:	
Location:	Engine compartment fusebox, Driver side

Notes:
n/a

Alternate Part Notes:
n/a

Immobilizer Bypass Module

Required:	Yes
Type:	Sentry Key
Part #:	PKU-CH2X
Alternate Part #'s:	20402, 29402, 556CW, 556UW

Notes:
Standard on the Limited models. Optional on the SLT models.

Combo Interface Module

Required:	No
Type:	Data Bus
Part #:	XK532
Alternate Part #'s:	IOM-Chrysler-7

Notes:

Door Lock Interface Module

Required:	No
Type:	Data Bus
Part #:	XK03
Alternate Part #'s:	456LW

Notes:

Additional Wiring Notes

Item	Note
Power Lock	Lock is negative trigger thru a 330 ohm resistor. Unlock is negative trigger thru a 100 ohm resistor. MUST use relays. On vehicles without memory seats, the wire can be found in the driver kick, door harness. On vehicles with memory seats, the wire is in the driver door at the DMMM (Driver Memory Mirror Module).
Parking Lights (-)	Parking lights are negative trigger thru a 1100 ohm resistor. There is a rest resistance on the wire, so MUST use a relay to isolate away from the switch.
Hazards	Hazards are negative trigger thru a 120 ohm resistor.
Headlight	Headlights are negative trigger thru a 650 ohm resistor. There is a rest resistance on the wire, so MUST use a relay to isolate away from the switch.
Left Front Door Trigger	The LF door trigger is purple, RF door is purple/white, LR door is purple/gray, and RR door is purple/yellow. Use all four wires and diode isolate each wire from each other and the control module. Refer to DirectFax 1076 for wiring information. The rear door triggers are in a large 74 pin plug near the fuse box. On vehicles without memory seats, the front door triggers are in the same plug as the rears. On vehicles with memory seats, the front door triggers are in the doors at the DMMM (Driver Memory Mirror Module), and PMMM (Passenger Memory Mirror Module).
Memory Seat 1	Memory seat 1 is negative trigger thru a 7K ohm resistor. Memory seat 2 is negative trigger thru a 2K ohm resistor. MUST use relays.
Factory Amp Turn-on	If equipped, the amplifier is in the passenger kick panel.