

2010 Ford CrownVictoria

<http://www.directechs.com>

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Lt. Green/Violet (common 30A)	+	Ignition Switch, gray 10 pin plug, pin 9
Second 12 Volts	Lt. Green/Violet (common 30A)	+	Ignition Switch, gray 10 pin plug, pin 8
Ground	(chassis ground)		
Starter	Dk. Green	+	Ignition Switch, gray 10 pin plug, pin 10
Ignition	Violet/Orange	+	Ignition Switch, gray 10 pin plug, pin 1
Accessory	Gray/Yellow	+	Ignition Switch, gray 10 pin plug, pin 7
Second Accessory	White/Violet	+	Ignition Switch, gray 10 pin plug, pin 5
Keysense	Gray/Yellow	+	Ignition Switch, gray 10 pin plug, pin 3
CAN Bus High	White/Lt. Green	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Pink/Lt. Green	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Tan/Orange	Data	OBD-Data Link Connector, black 16 pin plug, pin 2
CAN Bus Low 2	Pink/Lt. Blue	Data	OBD-Data Link Connector, black 16 pin plug, pin 10
RX DATA	Gray/Orange	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 4
TX DATA	White/Lt. Green	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 3
Power Lock	pink/yellow	-	driver kick, door harness
Power Unlock	pink/lt. green	-	driver kick, door harness
Lock Motor	pink/black	5 wire	driver kick, door harness
Driver Unlock Motor	red/orange	5 wire	lock motor or Driver Door Module, gray 24 pin plug, pins 9 and 8
Passenger Unlock Motor	pink/orange	5 wire	driver kick, door harness
Parking Lights	brown	+	driver kick or LCM right of steering column, black 13 pin plug, pin 10
Parking Lights -	white/black	-	headlight switch, gray 10 pin plug, pin 5

2010 Ford CrownVictoria



<http://www.directechs.com>

Item	Wire Color	Polarity	Wire Location
Parking Lights Interrupt	black (see Tech Doc 1096)	cut	headlight switch, gray 10 pin plug, pin 7
Hazards	same as turn signals		
Turn Signal (Left)	lt. green/white (F); lt. green/orange (R)	+	turn signal switch, gry 10 pin plug, pin 2; gry 12 pin plug, pin 2
Turn Signal (Right)	white/lt. blue (F); orange/lt. blue (R)	+	turn signal switch, gray 10 pin plug, pins 3 and 5
Headlight	red/yellow	-	headlight switch, gray 10 pin plug, pin 10
AutoLights	violet/orange	cut	headlight switch, gray 10 pin plug, pin 4
Reverse Light	black/pink	+	driver kick, harness to rear
Left Front Door Trigger	dk. blue	-	Driver Door Module, black 26 pin plug, pin 22
Right Front Door Trigger	black/orange	-	driver kick or Driver Door Module, gray 24 pin plug, pin 7
Left Rear Door Trigger	same as right front door trigger		
Right Rear Door Trigger	same as right front door trigger		
Dome Light	black/lt. blue	+	driver kick or LCM right of steering column, gray 13 pin plug, pin 5
Trunk/Hatch Pin	brown/white	-	driver kick or LCM right of steering column, black 12 pin plug, pin 4
Trunk/Hatch Release	white/violet	+	release switch or Driver Door Module, black 26 pin plug, pin 12
Trunk Release Motor	violet/yellow	5 wire	driver kick, harness to rear
Tachometer	NOT white/red	ac	any fuel injector
Fuel Pump	red/black	+	driver kick, harness to rear
Rear Defroster	dk. blue/orange	-	rear defroster switch or driver kick, door harness
Mirror Defroster	same as rear defroster		
Left Front Heated Seat	white/red	-	driver kick, door harness
Right Front Heated Seat	white/red to white/yellow	-	passenger kick, door harness
Speed Sense	gray/black	ac	passenger kick or PCM on driver fender, black 50 pin plug, pin 1

2010 Ford CrownVictoria



<http://www.directechs.com>

Item	Wire Color	Polarity	Wire Location
Brake Wire	lt. green/red	+	brake switch or driver kick, harness to rear
Parking Brake	tan/black	-	parking brake switch, black 2 pin plug, pin 2
Horn Trigger	dk. blue	-	horn switch or LCM right of steering column, black 12 pin plug, pin 7
Wipers	dk. blue/orange (L), yellow/red (H)	-	wiper switch, black 6 pin plug, pins 6 and 1
Left Front Window (Up/Down)	white/black - yellow	A	master window switch, blue 8 pin plug, pins 5 and 1
Right Front Window (Up/Down)	white/yellow - tan/lt. blue	A	driver kick, door harness
Left Rear Window (Up/Down)	gray/orange - yellow/lt. blue	A	driver kick, door harness
Right Rear Window (Up/Down)	yellow/black - red/black	A	driver kick, door harness
Radio 12V	violet	+	radio, black 16 pin plug, pin 9, or gray 24 pin plug, pin 1
Radio Ground	black/lt. green	-	radio, black 16 pin plug, pin 16, or gray 24 pin plug, pin 13
Radio Ignition	dk. blue/lt. green	+	radio, black 16 pin plug, pin 10, or gray 24 pin plug, pin 2
Radio Illumination	orange/black (dimmer)	+	radio, black 16 pin plug, pin 1, or gray 24 pin plug, pin 3
Factory Amp Turn-on	dk. green/violet (subwoofer amp)	+	radio, gray 8 pin plug, pin 4
Left Front Speaker (+/-)	orange/lt. green - lt. blue/white	+,-	radio, black 16 pin plug, pins 14, 15, or gray 24 pin plug, pins 8, 21
Right Front Speaker (+/-)	white/lt. green - dk. green/orange	+,-	radio, black 16 pin plug, pins 7, 8, or gray 24 pin plug, pins 11, 12
Left Rear Speaker (+/-)	gray/lt. blue - tan/yellow	+,-	radio, black 16 pin plug, pins 12, 13, or gray 24 pin plug, pins 9, 22
Right Rear Speaker (+/-)	orange/red - brown/pink	+,-	radio, black 16 pin plug, pins 5, 6, or gray 24 pin plug, pins 10, 23
Subwoofer (+/-)	brown/orange - red/black	+,-	radio, gray 8 pin plug, pins 1 and 2

2010 Ford CrownVictoria

<http://www.directechs.com>

What Fits

Item	Size	Depth	Location
Headunit	double DIN		center of dash
Left Front Speaker	6 x 8	3	left front door
Right Front Speaker	6 x 8	3	right front door
Left Rear Speaker	6 x 9	5	left rear deck
Right Rear Speaker	6 x 9	5	right rear deck

2010 Ford CrownVictoria



<http://www.directechs.com>

Additional Wiring Notes

Item	Note
Speed Sense	On vehicles with premium audio, it is also found at the radio, gray 24 pin plug, pin 14.