

# DirectWire

2025 Chevrolet Silverado 1500 (Smart Key) - North America - Requested by ampire.de

## Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Blue (30A)	+	BCM above driver kick, right module, lt. gray 25 pin plug, pin 23
Ground 2	Black	-	BCM above driver kick, right module, lt. gray 25 pin plug, pin 25
Starter Kill	Yellow	+	Underhood Fuse Box, gray 44 pin plug, pin B1
Ignition	Green/Violet	+	BCM above driver kick, right module, lt. gray 25 pin plug, pin 5
PTS 1	Blue/Green	- 1500 Ohms	BCM above driver kick, right module, pink 32 pin plug, pin 5
CAN Bus High	Blue/Yellow (CAN FD)	Data	BCM above driver kick, right module, lt. gray 25 pin plug, pin 19
CAN Bus Low	White (CAN FD)	Data	BCM above driver kick, right module, lt. gray 25 pin plug, pin 20
CAN Bus High 2	Yellow (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low 2	White (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 3	Blue/White	Data	Serial Data Gateway Module above gas pedal, black 30 pin plug, pin 20
CAN Bus Low 3	Blue/Violet or Blue/Yellow	Data	Serial Data Gateway Module above gas pedal, black 30 pin plug, pin 19
CAN Bus High 4	Blue/White	Data	Telematic Control Module above gas pedal, black 29 pin plug, pin 10
CAN Bus Low 4	Blue/Yellow	Data	Telematic Control Module above gas pedal, black 29 pin plug, pin 9

<b>Item</b>	<b>Wire Color</b>	<b>Polarity</b>	<b>Wire Location</b>
OBD 12 Volts	Red/Yellow (10A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Black	-	OBD-Data Link Connector, black 16 pin plug, pin 4
IMMO Antenna	Brown/Black	RF	BCM above driver kick, right module, lt. gray 25 pin plug, pin 7
IMMO Antenna 2	White/Gray	RF	BCM above driver kick, right module, lt. gray 25 pin plug, pin 14
Driver LF Antenna	Violet	RF	Driver Door Harness, black 52 pin plug (X500), pin 11
Driver LF Antenna 2	Violet	RF	BCM above driver kick, right module, green 29 pin plug, pin 16
Driver Door Handle Switch	Blue	-	Driver Door Harness, black 52 pin plug (X500), pin 17
Driver Door Handle Switch 2	Blue	-	BCM above driver kick, right module, brown 32 pin plug, pin 28
Passenger LF Antenna	Green/Yellow	RF	Passenger Door Harness, black 52 pin plug (X600), pin 10
Passenger LF Antenna 2	Green/Yellow	RF	BCM above driver kick, right module, dk. gray 29 pin plug, pin 10
Passenger Door Handle Switch	Gray/Violet	-	Passenger Door Harness, black 52 pin plug (X600), pin 14
Passenger Door Handle Switch 2	Gray/Violet	-	BCM above driver kick, right module, dk. gray 29 pin plug, pin 28
Rear LF Antenna	Brown/Green	RF	Driver Firewall, harness to engine compartment
Rear LF Antenna 2	Brown/Green	RF	BCM above driver kick, right module, brown 32 pin plug, pin 7
Rear Handle Switch	Yellow (with power tailgate)	-	BCM above driver kick, right module, green 29 pin plug, pin 27
Rear Handle Switch 2	Gray (w/o power tailgate)	-	BCM above driver kick, right module, brown 32 pin plug, pin 12

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Security Light	Gray	+	BCM above driver kick, right module, black 25 pin plug, pin 12
Keyless Data	Green/Yellow (LIN)	Data	BCM above driver kick, right module, dk. gray 29 pin plug, pin 17
Door Lock Data	Green/Yellow (LIN)	Data	BCM above driver kick, right module, green 29 pin plug, pin 19
Power Lock	Brown/Yellow	-	Driver Window Switch, black 24 pin plug, pin 3
Power Unlock	Brown/White	-	Driver Window Switch, black 24 pin plug, pin 4
Lock Motor	White	Reverse	BCM above driver kick, right module, green 29 pin plug, pin 4
Driver Unlock Motor	Gray	Reverse	BCM above driver kick, right module, green 29 pin plug, pin 8
Passenger Unlock Motor	Yellow/Green	Reverse	BCM above driver kick, right module, dk. gray 29 pin plug, pin 4
Parking Lights	White/Yellow (LF); Blue/Green (RF)	+	LCM above driver kick, left module, violet 12 pin plug, pin 1 (LF); green 12 pin plug, pin 4 (RF)
Parking Lights 2	Brown/Blue (LR); Brown/Gray (RR)	+	LCM above driver kick, left module, blue 29 pin plug, pin 6 (LR); pin 2 (RR)
Parking Lights -	Green/Gray	-	BCM above driver kick, right module, pink 32 pin plug, pin 20
Hazards	Green/White	-	BCM above driver kick, right module, pink 32 pin plug, pin 31
Turn Signal (Left)	Blue/White (LF); Blue/White (LR)	+	LCM above driver kick, left module, violet 12 pin plug, pin 5 (LF); blue 29 pin plug, pin 8 (LR)
Turn Signal (Right)	Green/Violet (RF); Blue/Violet (RR)	+	LCM above driver kick, left module, blue 29 pin plug, pin 7 (RF); green 12 pin plug, pin 6 (RR)

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Headlight	White/Violet	-	BCM above driver kick, right module, pink 32 pin plug, pin 19
AutoLights	Green/Brown	- (Off)	BCM above driver kick, right module, pink 32 pin plug, pin 21
Reverse Light	Green/White	+	LCM above driver kick, left module, violet 12 pin plug, pin 3
Reverse Light 2	Green/White (alternate location)	+	Radio behind glove box, green 29 pin plug, pin 11 or gray 29 pin plug, pin 13
Left Front Door Trigger	Gray	-	Driver Door Latch, green 10 pin plug, pin 1
Right Front Door Trigger	Gray	-	Passenger Door Latch, green 10 pin plug, pin 5
Left Rear Door Trigger	Gray	-	Left Rear Door Latch, green 10 pin plug, pin 1
Right Rear Door Trigger	Gray	-	Right Rear Door Latch, green 10 pin plug, pin 5
Hood Pin	Brown/Green	-	BCM above driver kick, right module, brown 32 pin plug, pin 22
Power Liftgate	Gray (power tailgate)	- 1620 Ohms	BCM above driver kick, right module, pink 32 pin plug, pin 11
Trunk/Hatch Release	Brown (tailgate)	-	BCM above driver kick, right module, blue 32 pin plug, pin 21
Tachometer	Yellow/Violet (CMP) (2.7L)	AC	ECM behind driver headlight, black-gray 73 pin plug, pin 63
Tachometer 2	Yellow/Violet (CMP) (5.3L, 6.2L)	AC	ECM behind driver headlight, black-gray 73 pin plug, pin 8
Tachometer 3	Violet/Black (CMP) (3.0L Diesel)	AC	ECM behind driver headlight, black 112 pin plug, pin 34
Wait to Start	Green/Brown	-	Driver Kick, black 76 pin plug (X210), pin 46

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Fuel Pump	Green/Gray (2.7L, 5.3L, 6.2L)	+	ECM behind driver headlight, black-blue 66 pin plug, pin 17 (2.7L); black-blue 49 pin plug, pin 37 (5.3L, 6.2L)
Fuel Pump 2	Green/Gray (3.0L Diesel)	+	ECM behind driver headlight, black-blue 90 pin plug, pin 86
Rear Defroster	Brown/Violet	+ Latched	BCM above driver kick, right module, green 29 pin plug, pin 22
Speed Sense	Green/Gray	AC	Driver Kick, black 76 pin plug (X210), pin 12 or 65
Brake Wire	White/Blue	+	BCM above driver kick, right module, green 29 pin plug, pin 21
Brake Activation	Blue/Yellow	MUX	BCM above driver kick, right module, green 29 pin plug, pin 25
Horn Trigger	Brown/White	-	BCM above driver kick, right module, green 29 pin plug, pin 11
Horn Trigger 2	Green/White (alternate)	-	BCM above driver kick, right module, pink 32 pin plug, pin 28
Wipers	Gray	+	LCM above driver kick, left module, gray 25 pin plug, pin 12
Wipers Protection	Black/Gray (wiper switch ground)	Cut	BCM above driver kick, right module, pink 32 pin plug, pin 25
All Windows Up-Down	Blue/Yellow (express down switch, if equipped)	-	BCM above driver kick, right module, lt. gray 25 pin plug, pin 11
Right Front Window (Up/Down)	Green/Gray - Yellow/Blue (auto down); (auto up/down, motor is part of module)	A	Passenger Window Switch, black 24 pin plug, pins 11 - 24
Left Rear Window (Up/Down)	Blue/Violet - Yellow/Blue	A	Left Rear Window Switch, black 10 pin plug, pins 9 - 10
Right Rear Window (Up/Down)	Blue/Gray - Green/Black	A	Right Rear Window Switch, black 10 pin plug, pins 9 - 10

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Rear Sliding Window Open-Close	Yellow/Violet - White	+	Driver Kick, black 76 pin plug (X210), pins 48 - 49
Memory Seat 1	White	- 1270 Ohms	Driver Kick, door harness, black 52 pin plug (X500), pin 41 or 33
Radio 12V	Red/Gray or Red/Yellow	+	Radio behind glove box, green 29 pin plug, pins 1, 2 or black 29 pin plug, pin 1
Radio Ground	Black/White	-	Radio behind glove box, green 29 pin plug, pins 3, 6 or black 29 pin plug, pin 3
Radio Ignition	Violet (delayed accessory)	+	Power Outlet, gray 3 pin plug, pin A
Left Front Speaker (+/-)	Blue - Brown/Blue	+,-	Radio behind glove box, gray 29 pin plug, pins 2 - 5
Right Front Speaker (+/-)	Yellow - Yellow/Black	+,-	Radio behind glove box, gray 29 pin plug, pins 3 - 6 or pins 6 - 3
Left Rear Speaker (+/-)	Green - Green/Black	+,-	Radio behind glove box, gray 29 pin plug, pin 1; green or black 29 pin plug, pin 8
Right Rear Speaker (+/-)	White - Blue/Black	+,-	Radio behind glove box, gray 29 pin plug, pins 8 - 4
Left Front Speaker - With Amp	Blue - Brown/Blue	+,-	Amplifier behind rear seats, black 8 pin plug, pins 3 - 7
Right Front Speaker - With Amp	Yellow - Yellow/Black	+,-	Amplifier behind rear seats, black 8 pin plug, pins 2 - 6
Left Front Tweeter - With Amp	Blue/Violet - Blue/Brown	+,-	Amplifier behind rear seats, black 16 pin plug, pins 3 - 11
Right Front Tweeter - With Amp	White/Yellow - Brown/Black	+,-	Amplifier behind rear seats, black 16 pin plug, pins 10 - 2

Item	Wire Color	Polarity	Wire Location
Left Rear Speaker - With Amp	Green - Green/Black	+,-	Amplifier behind rear seats, black 16 pin plug, pins 5 - 13
Right Rear Speaker - With Amp	White - Blue/Black	+,-	Amplifier behind rear seats, black 16 pin plug, pins 4 - 12
Subwoofer - With Amp	Blue/Gray - Green/Black	+,-	Amplifier behind rear seats, black 8 pin plug, pins 1 - 5