



Vehicle Wiring Chart

(All wire color information is for reference **only** and may vary by vehicle)
 Eberhard Manufacturing Company does not assume responsibility for any damages caused to vehicle wiring.

Please verify any wiring with a test light

Make	Model	Years	Wire Color				Wire Location ¹
			Door Lock	Door Unlock	Tailgate Unlock	Tailgate Lock	
Chevy/GMC	Silverado/Sierra	99-02	Gray	Tan			Driver Side Kick Panel Or Just below the driver side fuse box
Chevy/GMC	Silverado/Sierra/S-10/Sonoma/Colorado/Canyon	03-06	Gray	Tan			Driver Side Door Between Switch and Lock Actuator ²
Chevy/GMC	Silverado/Sierra/S-10/Sonoma/Colorado/Canyon	07-13	Gray	Tan			Driver Side Door Between Switch and Lock Actuator ²
Chevy/GMC	Silverado/Sierra/S-10/Sonoma/Colorado/Canyon	14+	Gray	Brown/Yellow			Driver Side Door Between Switch and Lock Actuator ²
Chevy/GMC Crew Cab	CREW CAB Silverado/Sierra/S-10/Sonoma/Colorado/Canyon	03-13	Gray	Tan			Under the sill place in the wiring harness that goes under the driver's seat
Chevy/GMC Crew Cab	CREW CAB Silverado/Sierra/S-10/Sonoma/Colorado/Canyon	14+	Gray	Brown/Yellow			Under the driver side sill plate. ¹¹
Chevy/GMC	Full Size	88-98	Gray	Tan			Driver Side Kick Panel
Chevy/GMC	S10	94-02	Gray	Tan			Driver Side Kick Panel
Ford	Explorer Sport Trac	01-06	Red/Orange	Pink/Black			Passenger Kick Panel ⁵
Ford	Explorer Sport Trac	07+	Gray/Brown	Blue /Gray			Passenger Kick Panel ⁵
Ford	F-150/F-250/F-350	97-02	Pink/Black or Red/Green	Pink/Orange or Red/Orange			Above Steering Column or Driver Side Kick Panel ⁵
Ford	F-150/F-250/F-350	03-07	Pink/Black	Pink/Orange or Red/Orange			Above Steering Column or Driver Side Kick Panel ⁵
Ford	F-150/F-250/F-350	'08	Gray or Gray/Tan	Purple or Purple/Gray			Above Steering Column or Driver Side Kick Panel ⁵
Ford Crew Cab	F-150/F-250/F-350	09-14	Gray/Brown	Lt. Blue/Lt Green or Purple/Gray			Above Steering Column or Driver Side Kick Panel ⁵
Ford Crew Cab	F-150/F-250/F-350	15+	Gray/Brown	Brown/Green	Green/White		Driver Side Sill Plate ⁸
Ford	Ranger	99-06	Pink/Black	Pink/Orange			Passenger Side Kick Panel ⁵
Ford	Ranger	07-11	Blue/Green or White/Purple	Gray/Black or Gray/Purple			Passenger Side Kick Panel ⁵
Ford	Ranger	19+	Gray/Brown	Green/Tan			Driver Side Sill Plate
Ford	Ranger w/factory Power Tailgate Lock	19+	Green/Brown	Gray/Tan			Behind License plate in tailgate wire harness ¹⁰
Dodge	Dakota	87-04	Orange/Black	Pink/Black ¹²			Driver Side Kick Panel ⁵
Dodge	Dakota	05-11	Lt. Green or Lt. Green/Dk. Blue ¹³	Violet/Black, Tan/Lt. Green, or Tan/Orange ¹⁴			Driver Side Kick Panel Or Passenger Side Kick Panel ⁵
Dodge	RAM 1500/2500/3500	94-02	Orange/Black	Pink/Black			Driver Side Kick Panel ⁵
Dodge	RAM 1500/2500/3500 ¹⁷	03	Tan/Pink or Tan/Violet ¹⁵	Dk. Blue, Tan/White, or Tan/Orange ¹⁶			Driver Side Kick Panel ⁵
Dodge	RAM 1500/2500/3500	04-08	Lt. Green or Lt.Green/Dark Blue ¹⁸	Tan/Lt. Green, Violet/Lt. Blue, or Tan/Orange ¹⁹			Driver Side Kick Panel ⁵
Dodge	RAM 1500/2500/3500	09-12	Tan/White, Lt. Green/Grey, Tan/Violet, or Tan/Dk. Blue ²⁰	Tan/Lt. Green, Tan/Brown, Tan/Orange, or tan/Lt. Blue ²¹			Driver Side Kick Panel ⁵
Dodge	RAM 1500/2500/3500	13-16	Lt. Green/Dk. Blue	Tan/Lt. Green or Violet/Lt. Green ²²	Dk. Green/Tan ²³	Lt. Green/Tan ²³	Driver Side Kick Panel ⁵ Tailgate wire behind license plate in tailgate wire harness ¹⁰
Dodge	RAM 1500/2500/3500	17+	Green/Dk. Blue ²⁶	Tan/Green or Violet/Green ²⁴	Violet/Green or Dk. Green/Tan ²⁵	Green/Dk. Blue or Green/Tan ²⁵	Driver Side Kick Panel ⁵ Tailgate wire behind license plate in tailgate wire harness ¹⁰
Honda	Ridgeline	06-14	Yellow/Black	Yellow/Green	Yellow/Blue		Driver Side Kick Panel ^{6,9}
Honda	Ridgeline	06-14	Red	Tan	Lt. Blue		Driver Side Kick Panel ^{6,9}
Mazda	B-Series	99-06	Pink/Black	Pink/Orange			Passenger Kick Panel ^{5,9}
Mazda	B-Series	07+	White/Purple	Gray/Purple			Passenger Kick Panel ^{5,9}
Nissan	Titan	04-15	Purple	Green or Green/Yellow ²⁷			Driver Side Kick Panel ^{5,9}

Nissan	Titan	16+	Yellow, Blue, or Orange ²⁸	Brown, Lt. Green, or Purple ²⁹	Gray	White	Driver Side Kick Panel ^{5,9} Tailgate Wires at Center Rear of Cab
Nissan	Frontier	98-04	Blue	Green/White, Blue/Red, or Purple ³⁰			Driver Side Kick Panel ^{5,9}
Nissan	Frontier	05+	Violet	Green ³¹			Driver Side Kick Panel ^{5,9}
Toyota	Tacoma	98-06	Blue	Blue/White			Driver Side Kick Panel ^{4,9}
Toyota	Tacoma	05-15	Blue/Red	Blue/Black			Driver Side Kick Panel ^{7,9}
Toyota	Tacoma	16+	Red, Blue, Purple/Red	Black, Green, or Purple/Green			Driver Side Kick Panel ^{7,9}
Toyota	Tundra	00-06	Black/Yellow ³	Blue/White ³			Driver Side Kick Panel ^{5,9}
Toyota	Tundra	07-17	White	Blue or Pink ³²			Driver Side Kick Panel ^{5,9}
Toyota	Tundra	17+	White, Grey or Purple/Black ³³	Pink, Blue, Violet, Purple/Red, Yellow, Red, or Green ³⁴			Driver Side Kick Panel - Top Blue Plug ^{5,9}

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- 1
If the wiring is connected in the driver's side kick panel, the Handle will lock/unlock with the driver's door. If you prefer the Handle to lock/unlock with the passenger door, on some models the
- 2
On the CHEVY/GMC 03+ Two door or Extended Cab Models, it is necessary to remove the driver's side door panel and attach the lock and unlock wires directly to the wires of the door lock actuator inside the door.
Once the door panel is removed, you will need to remove the driver's side kick panel and fish the harness wires through the rubber boot that runs between the door and the cab of the truck and into the door. Use the supplied Wire Taps to attach to the specified wires directly under the truck's door lock switch and test the locks. If the truck locks operate opposite the lid lock, reverse the connectors between the Lid Harness and Actuator.
- 3
Some Toyota Tundra models used pink/black instead of blue/white for the lock wire and red/orange instead of black/yellow for the unlock wire.
- 4
Make sure the key is out of the ignition when testing this model.
- 5
If you have trouble locating the lock and unlock wires, test all the wires that are inside the rubber boot that runs between the door and the cab of the truck. Once you locate them you can follow them to a location that makes tapping to the wires easier. This works on most models except 03+ G.M.
- 6
On the Honda Ridgeline the lock and unlock wires are located in the fuse panel down by the driver's side kick panel. The yellow/black (lock) and the yellow/green (unlock) wires are in the small green plug that is located at the bottom front side of the fuse box. A small hole may need to be drilled in the side of the bed rail near the top rear on the driver's side of the bed to access the rear tail light compartment to attach the brake light and power lock wiring.
- 7
On the 07+ Double Cab Tacoma the lock wire is located in the 10 pin plug, pin#9, Blue/Black wire. The unlock wire is located in the 12 pin plug, pin#10, Blue/Red wire; both plugs are hanging loose in the driver side kick panel.
- 8
On the Ford 09+ crew cabs the lock/unlock wires are located under the drivers side sill plate (the plate you step on when getting in and out of the truck). The wires run from the driver's side front door to the driver's side rear door. Remove external tape from wire harness to expose and test the wires.
- 9
On some models the factory keyless system may be programmed to re-lock the truck doors after 1 or 5 minutes if the truck is unlocked and the door are not physically opened. Please refer to the user's manual or contact your local dealer if you require a change to the factory programming.
- 10
On all trucks with factory power tailgate option, the lock and unlock wires can be tapped into the tailgate wiring harness located behind the trucks license plate in the center of the tailgate.
- 11
On all 2014 and newer Chevy/GMC, the Lock and Unlock wires cannot be tested with a standard incandescent test light, you will need to use a computer safe test light which does not ground out the circuit when testing.
- 12
On 00-04 Dodge Dakota 4-Door, the driver's door unlock wire is Dk. Blue, then changes to Pink/Black after the Driver Unlock Relay.
- 13
On 05-11 Dodge Dakota, Left Doors Lock is Lt. Green, Right Doors Lock is Lt. Green/Dk. Blue
- 14
On 05-11 Dodge Dakota, Left Front Door (Driver's Door) Unlock is Tan/Lt. Green, Left Rear Door Unlock is Tan/Orange, Right Doors Unlock is Violet/Black
- 15
On 03 Dodge Ram 1500/2500/3500, Left Front Door (Driver's Door) and Rear Doors (if Quad Cab) Lock are Tan/Pink. Right Front Door (Passenger's Door) Lock is Tan/Violet. Right Rear Door Lock starts as Tan/Pink, but merges with Right Front Door Lock's Tan/Violet wire.
- 16
On 03 Dodge Ram 1500/2500/3500, Left Front Door (Driver's Door) Unlock is Dk. Blue. Right Front Door (Passenger's Door) Unlock is Tan/White. Rear Doors (if Quad Cab) is Tan/Orange. Right Rear Door starts as Tan/Orange, but merges with Right Front Door Unlock's Tan/White Wire.
- 17
For 03 Dodge Ram 1500/2500/3500 Van, Lock is Orange/Black and Unlock is Pink/Black, just like 94-02 Dodge Ram 1500/2500/3500
- 18
For 04-08 Dodge Ram 1500/2500/3500, Left Front Door (Driver's Door) and Rear Doors (if Quad Cab) Lock are Lt. Green. Right Front Door (Passenger's Door) Lock is Lt. Green/Dk. Blue. Right Rear Door Lock starts as Lt. Green, but merges with Right Front Door Lock's Lt. Green/Dk. Blue wire.
- 19

For 04-08 Dodge Ram 1500/2500/3500, Left Front Door (Driver's Door) Unlock is Tan/Lt. Green. Right Front Door (Passenger's Door) Unlock is Violet/Lt. Blue. Rear Doors (if Quad Cab) is Tan/Orange. Right Rear Door starts as Tan/Orange, but merges with Right Front Door Unlock's Violet/Lt. Blue Wire.

20
For 09-12 Dodge Ram 1500/2500/3500, Left Front Door (Driver) Lock Wire Color is Tan/White, Right Front Door (Passenger) is Lt. Green/Grey, Left Rear Door is Tan/Violet, Right Rear Door is **21**

For 09-12 Dodge Ram 1500/2500/3500, Left Front Door (Driver) Unlock Wire Color is Tan/Lt. Green, Right Front Door (Passenger) is Tan/Brown, Left Rear Door is Tan/Orange, Right Rear Door is **22**

For 13-16 Ram 1500/2500/3500, Left Front Door (Driver) Unlock Wire Color is Tan/ Lt. Green, All others (Passenger, Rear) are Violet/Lt. Green.

23
For 2013 Ram 1500/2500/3500, tailgate lock starts as Lt. Green/Dk. Blue but changes to Lt. Green/Tan, and tailgate unlock starts as Violet/Lt. Green but changes to Dk. Green/Tan.

24
Left Front Door (Driver) Unlock Wire Color is Tan/Green, All others (Passenger, Rear) are Violet/Green.

25
Tailgate Lock Wire Color starts as Green/Dk. Blue near door latch, changes to Green/Tan. Tailgate Unlock Wire Color starts as Violet/Green near door latch, changes to Dk. Green/Tan.

26
For 19+ Ram 1500/2500/3500, All door lock wires start as Green/Dk. Green, but change to Green/Dk. Blue.

27
Left Front Door (Driver) Unlock Wire Color is Green, All others (Passenger, Rear) are Green/Yellow.

28
Left Front Door (Driver) Lock Wire Color starts as Blue then turns Orange, All others (Passenger, Rear) are Yellow.

29
Left Front Door (Driver) Unlock Wire Color is Purple, Right Front Door (Passenger) is Lt. Green All others (Rear) are Brown.

30
Left Front Door (Driver) unlock wire color is Green/White. Right Front Door (Passenger) is Purple, and Rear Doors (if crew cab) are Blue/Red. The Passenger unlock wire merges with the rear

31
All unlock wires start as Green or Green/Yellow, but the Driver unlock changes to grey whereas all others change to blue.

32
Front Left Door (Driver) Unlock wire color starts as Blue then changes to Pink. All others (Passenger, Rear) are Blue. For 14+ Tundra models, passenger unlock wire starts blue then changes to brown, then yellow. Rear Right unlock wires start blue but change to yellow.

33
Left Rear door lock wire color starts as Grey then changes to Purple/Black. Right Rear door lock wire starts as Grey then changes to white. All other (Driver, Passenger) lock wires are white.

34
Driver's Door unlock wire color starts as Blue then changes to Pink. Left Rear door unlock wire color starts as Violet then changes to Purple/Red. Right Front (Passenger) door unlock wire starts as red then changes to green then Purple/Pink. Right Rear door unlock wire starts as Violet then changes to Blue then Yellow then Purple/Pink.



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