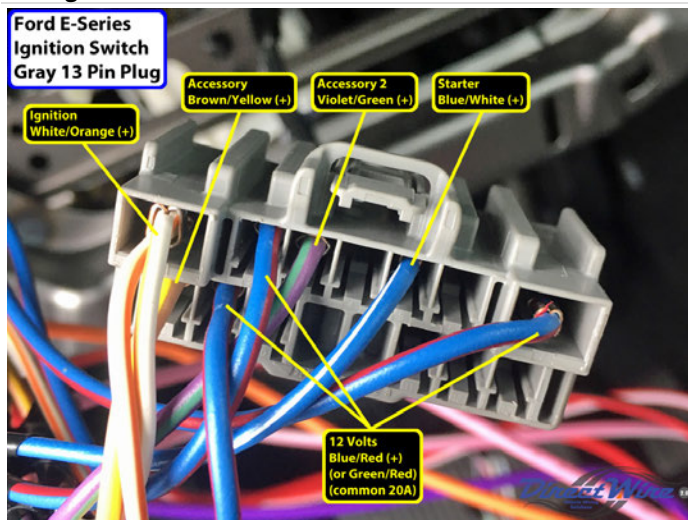


2009 Ford E-Series (40-Bit) - North America - Requested by XXXXXXXXXX			
Item	Wire Color	Polarity	Wire Location
12 Volts	Blue/Red or Green/Red (common 20A)	+	Ignition Switch, gray 13 pin plug, pin 2
Second 12 Volts	Blue/Red or Green/Red (x2) (common 20A)	+	Ignition Switch, gray 13 pin plug, pins 7, 9
Ground	(chassis ground)		
Starter	Blue/White	+	Ignition Switch, gray 13 pin plug, pin 5
Ignition	White/Orange	+	Ignition Switch, gray 13 pin plug, pin 1
Accessory	Brown/Yellow	+	Ignition Switch, gray 13 pin plug, pin 8
Second Accessory	Violet/Green	+	Ignition Switch, gray 13 pin plug, pin 3
Keysense	Blue/Gray	-	Key Switch, brown 6 pin plug, pin 1
CAN Bus High	White/Blue (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	White (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Gray/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 3
CAN Bus Low 2	Violet/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 11
OBD 12 Volts	Green/Red or Yellow/Red (15A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Black/Gray or Black	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Connector	Black		Under Driver Dash, Above Brake Pedal
RX DATA	Violet/Gray	Data	PATS Transceiver on ignition switch, green 4 pin plug, pin 3
TX DATA	Yellow/Orange	Data	PATS Transceiver on ignition switch, green 4 pin plug, pin 4
Power Lock	Gray/Yellow	-	Driver Kick --or-- SJB under driver dash, gray 26 pin plug (C), pin 17
Power Unlock	Violet/Gray	-	Driver Kick --or-- SJB under driver dash, gray 26 pin plug (C), pin 4
Lock Motor	Gray/Brown	Reverse	Driver Kick --or-- SJB under driver dash, black 32 pin plug (D), pin 6
Driver Unlock Motor	Blue/Green	Reverse	Driver Kick --or-- SJB under driver dash, black 32 pin plug (D), pin 28
Passenger Unlock Motor	Violet/Gray	Reverse	Driver Kick --or-- SJB under driver dash, black 32 pin plug (D), pin 27
Parking Lights	Violet/White	+	Driver Kick --or-- SJB under driver dash, gray 13 pin plug (E), pin 6
Parking Lights -	Gray (see Tech Doc 1096)	-	Headlight Switch, gray 10 pin plug, pin 2
Parking Lights Interrupt	Black/Blue	Cut	Headlight Switch, gray 10 pin plug, pin 3
Hazards	Brown/Yellow	-	Hazard Switch --or-- SJB under driver dash, black 52 pin plug (B), pin 48
Turn Signal (Left)	Blue/Green (LF); Gray/Brown (LR)	+	SJB under driver dash, black 26 pin plug (F), pin 21 (LF); black 32 pin plug (D), pin 25 (LR)
Turn Signal (Right)	Yellow/Violet (RF); Violet/Orange (RR)	+	SJB under driver dash, black 26 pin plug (F), pin 23 (RF); black 32 pin plug (D), pin 26 (RR)
Headlight	Blue/White (headlight); Black/Blue (switch ground)	- and Cut	Headlight Switch, gray 10 pin plug, pins 7, 3
Reverse Light	Blue/White	+	Driver Kick, black 14 pin plug, pin 2
Left Front Door Trigger	Green/Violet	-	Driver Kick --or-- SJB under driver dash, gray 26 pin plug (C), pin 14
Right Front Door Trigger	White	-	SJB under driver dash, gray 26 pin plug (C), pin 2
Right Rear Door Trigger	Yellow	-	SJB under driver dash, gray 26 pin plug (C), pin 15
Dome Light	Gray/Violet	+	Driver Kick --or-- SJB under driver dash, gray 14 pin plug (A), pin 9
Trunk/Hatch Pin	Green or Lt. Green (rear cargo door)	-	Driver Kick --or-- SJB under driver dash, gray 26 pin plug (C), pin 3
Tachometer	Green/Violet (5.4L)	AC	Camshaft Position Sensor, engine driver side front, black 2 pin plug, pin 2
Tachometer 2	Brown/Blue (4.6L, 6.8L)	AC	Camshaft Position Sensor, engine driver side front, black 2 pin plug, pin 2
Tachometer 3	Orange (6.0L Diesel)	AC	PCM on driver firewall, middle black 46 pin plug, pin 43
Wait to Start	(program wait to start timer on remote start)		
Fuel Pump	Violet/Green (gas)	+	Fuel Pump Relay in battery junction box on driver fender --or-- Inertia Fuel Shutoff Switch under driver dash (if equipped)
Fuel Pump 2	Violet/Green (diesel)	+	Inertia Fuel Shutoff Switch in passenger kick

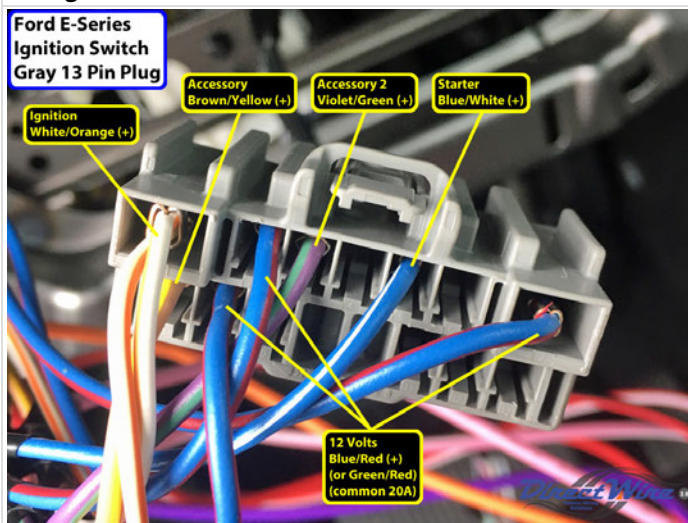
2009 Ford E-Series (40-Bit) - North America - Requested by csnow@snowsauto.com

Item	Wire Color	Polarity	Wire Location
Speed Sense	Violet/Orange (except stripped chassis models)	AC	Driver Kick, harness to rear
Brake Wire	Violet/White	+	Brake Switch --or-- SJB under driver dash, black 52 pin plug (B), pin 40
Parking Brake	White/Violet	-	Parking Brake Switch --or-- SJB under driver dash, gray 26 pin plug (C), pin 1
Horn Trigger	Blue/White	-	Horn Switch --or-- SJB under driver dash, black 52 pin plug (B), pin 41
Wipers	Blue/Orange (LO); Violet/Orange (HI)	-	Wiper Switch, black 6 pin plug, pin 6 (LO); pin 1 (HI)
Wipers Protection	Black/Blue (ground)	Cut	Wiper Switch, black 6 pin plug, pin 5
Left Front Window (Up/Down)	Blue/Gray - Yellow/Violet	A	Master Window Switch, gray 8 pin plug, pins 5 - 1
Right Front Window (Up/Down)	Brown/Yellow - Green/Orange	A	Driver Kick, door harness
Radio 12V	White/Red	+	Radio, gray 24 pin plug, pin 1
Radio Ground	Black/Gray	-	Radio, gray 24 pin plug, pin 13
Radio Ignition	Blue (base radio only; MS CAN on premium)	+	Radio, gray 24 pin plug, pin 2
Radio Illumination	Violet/Gray (base radio only; MS CAN on premium)	+ Dimmer	Radio, gray 24 pin plug, pin 3
Factory Amp Turn-on	Yellow/Violet	+	Radio, gray 24 pin plug, pin 7
Left Front Speaker (+/-)	White - White/Brown or Green - Gray	+,-	Radio, gray 24 pin plug, pins 8 - 21
Right Front Speaker (+/-)	White/Violet - White/Orange or Violet - Yellow	+,-	Radio, gray 24 pin plug, pins 11 - 12
Left Rear Speaker (+/-)	White/Green - Brown/Yellow or Green/Brown - Gray/Brown	+,-	Radio, gray 24 pin plug, pins 9 - 22
Right Rear Speaker (+/-)	Brown/White - Brown/Blue or Violet/Brown - Yellow/Blue	+,-	Radio, gray 24 pin plug, pins 10 - 23
Left Front Speaker - With Amp	White - White/Brown	+,-	Amplifier behind center of dash, black 14 pin plug, pins 13 - 6
Right Front Speaker - With Amp	White/Violet - White/Orange	+,-	Amplifier behind center of dash, black 14 pin plug, pins 11 - 4
Left Rear Speaker - With Amp	White/Green - Brown/Yellow	+,-	Amplifier behind center of dash, black 14 pin plug, pins 12 - 5
Right Rear Speaker - With Amp	Brown/White - Brown/Blue	+,-	Amplifier behind center of dash, black 14 pin plug, pins 10 - 3
Aux. Audio Input Left (+/-)	Blue - Yellow/Green	+,-	Radio, gray 16 pin plug, pins 7 - 8
Aux. Audio Input Right (+/-)	Blue/Green - White/Green	+,-	Radio, gray 16 pin plug, pins 6 - 14
Rearview Camera Video	Brown - Brown/Yellow	+,-	Radio, gray 10 pin plug, pins 1 - 6
Headunit	Double DIN		Center of Dash
Left Front Speaker	6 x 8		Left Front Door
Right Front Speaker	6 x 8		Right Front Door
Left Rear Speaker	6 x 8		Left Rear Cargo Door
Right Rear Speaker	6 x 8		Right Rear Cargo Door

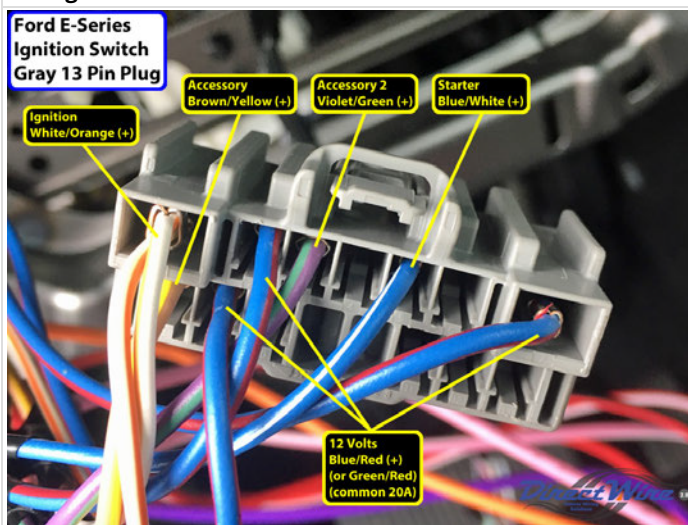
Wiring Photo and Notes: 12 Volts

Wiring Photo and Notes: 12 Volts

There are no notes for this wire.

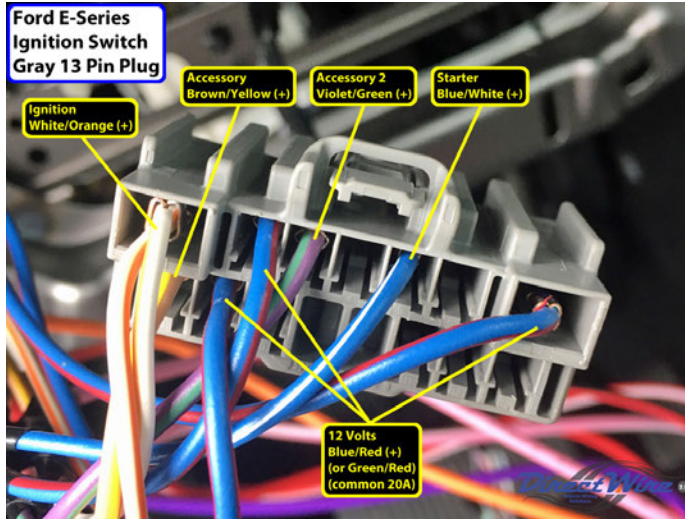
Wiring Photo and Notes: Second 12 Volts

There are no notes for this wire.

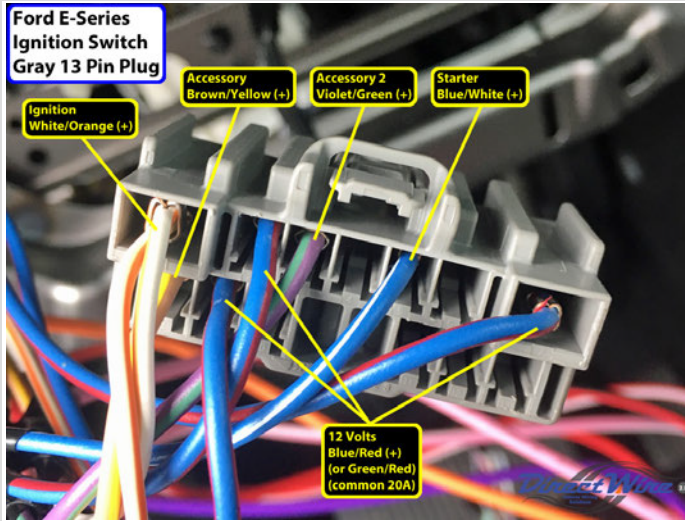
Wiring Photo and Notes: Starter

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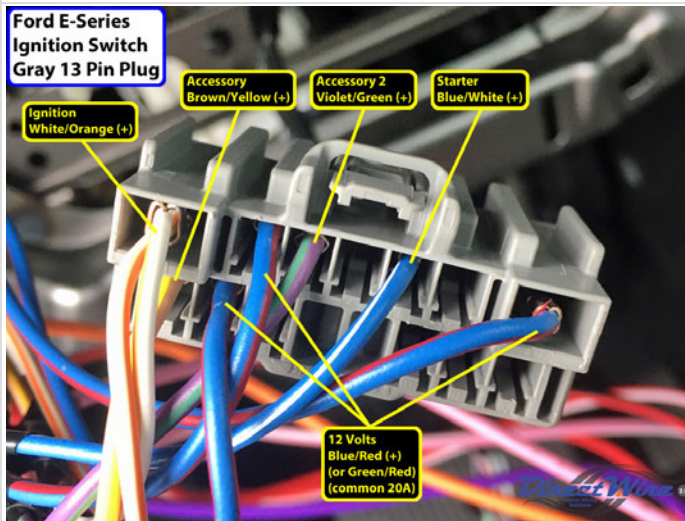
Wiring Photo and Notes: Ignition

Wiring Photo and Notes: Ignition

There are no notes for this wire.

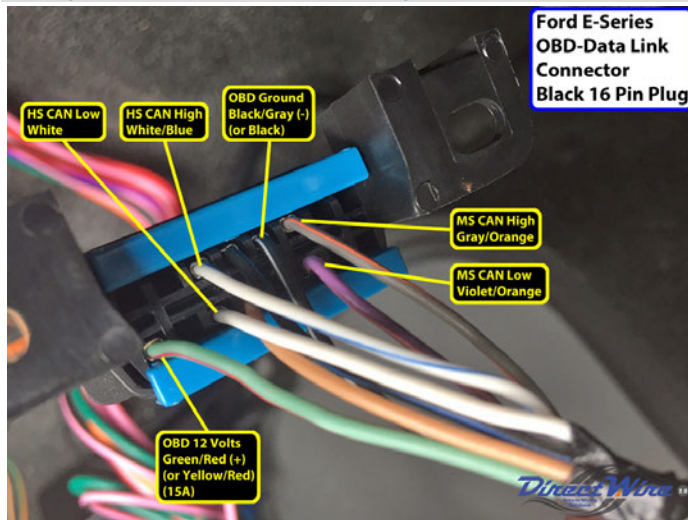
Wiring Photo and Notes: Accessory

There are no notes for this wire.

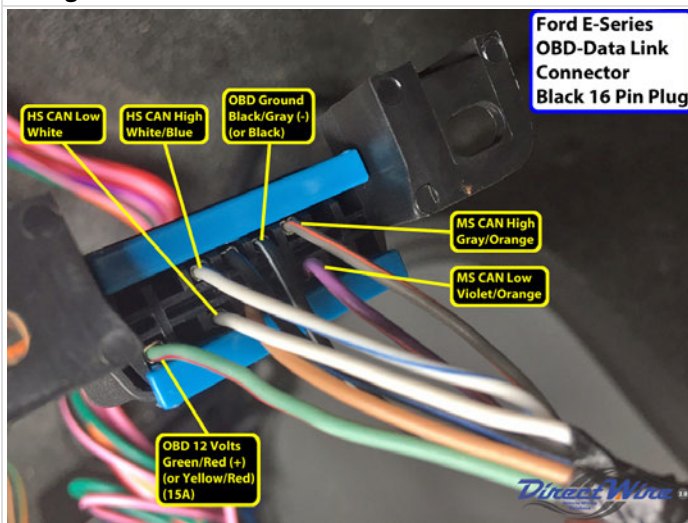
Wiring Photo and Notes: Second Accessory

There are no notes for this wire.

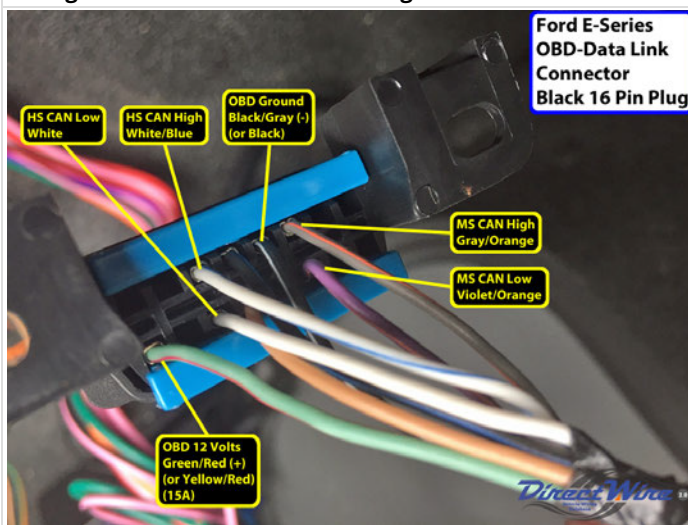
Wiring Photo and Notes: CAN Bus High

Wiring Photo and Notes: CAN Bus High

There are no notes for this wire.

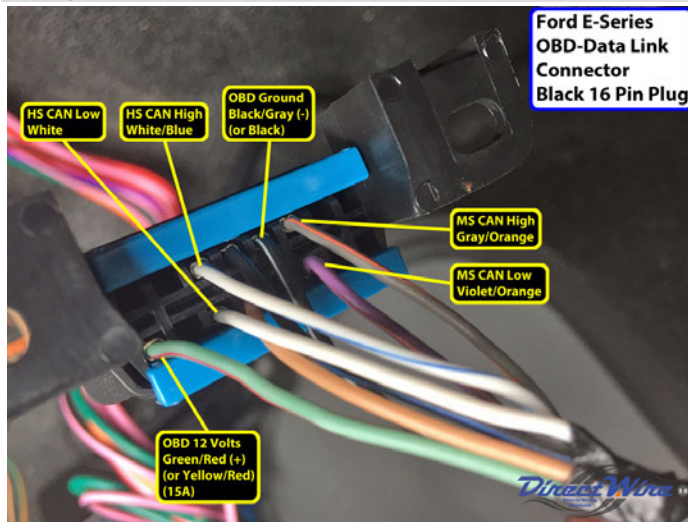
Wiring Photo and Notes: CAN Bus Low

There are no notes for this wire.

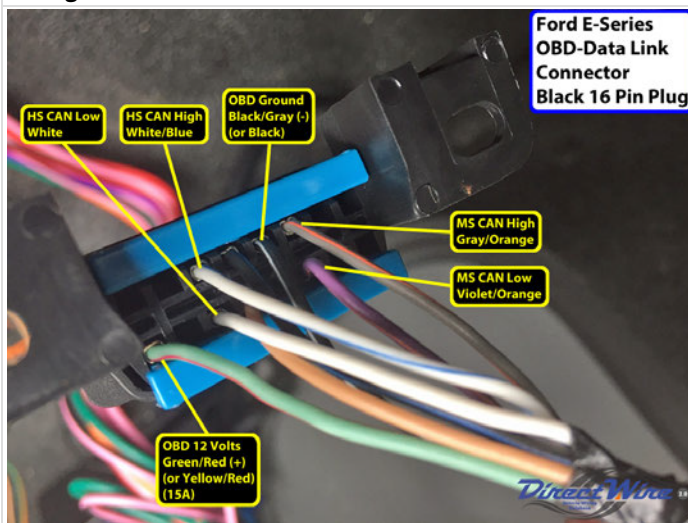
Wiring Photo and Notes: CAN Bus High 2

There are no notes for this wire.

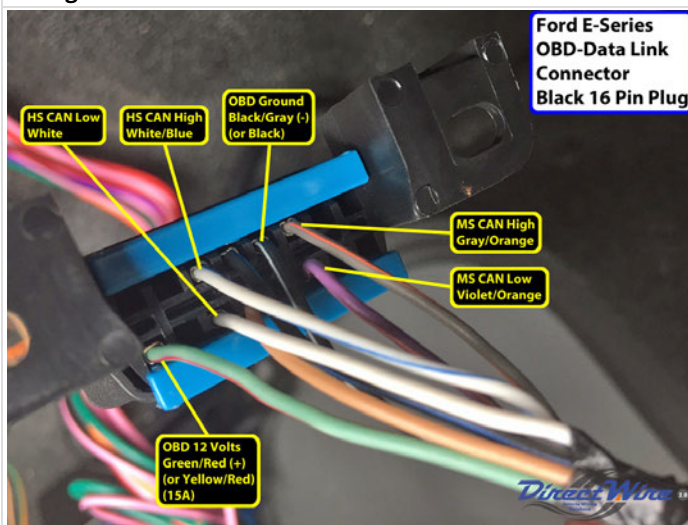
Wiring Photo and Notes: CAN Bus Low 2

Wiring Photo and Notes: CAN Bus Low 2

There are no notes for this wire.

Wiring Photo and Notes: OBD 12 Volts

There are no notes for this wire.

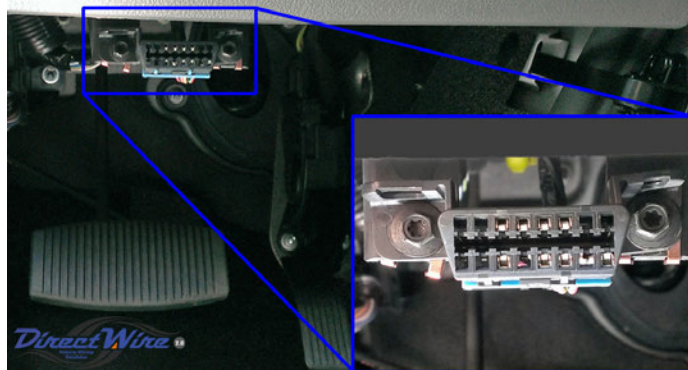
Wiring Photo and Notes: OBD Ground

There are no notes for this wire.

Wiring Photo and Notes: OBD Connector

Wiring Photo and Notes: OBD Connector

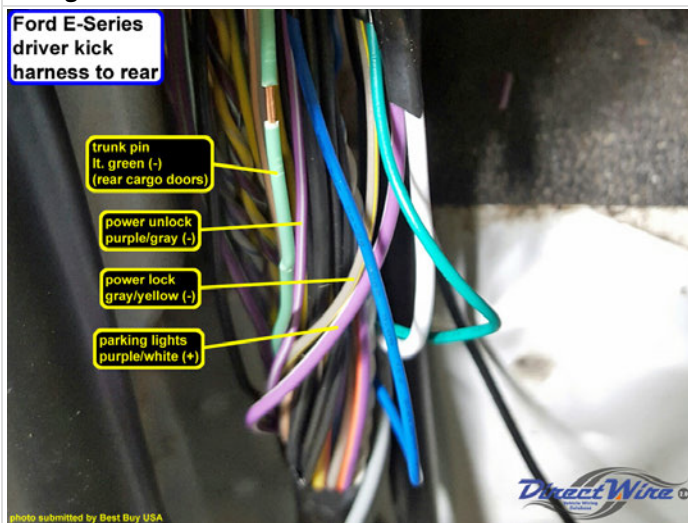
**Ford E-Series
OBD Connector
Under Driver Dash
Above Brake Pedal**



There are no notes for this wire.

Wiring Photo and Notes: Power Lock

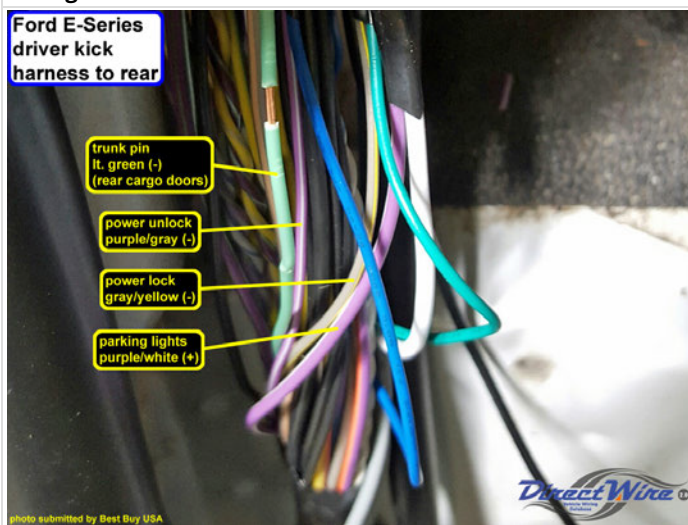
**Ford E-Series
driver kick
harness to rear**



There are no notes for this wire.

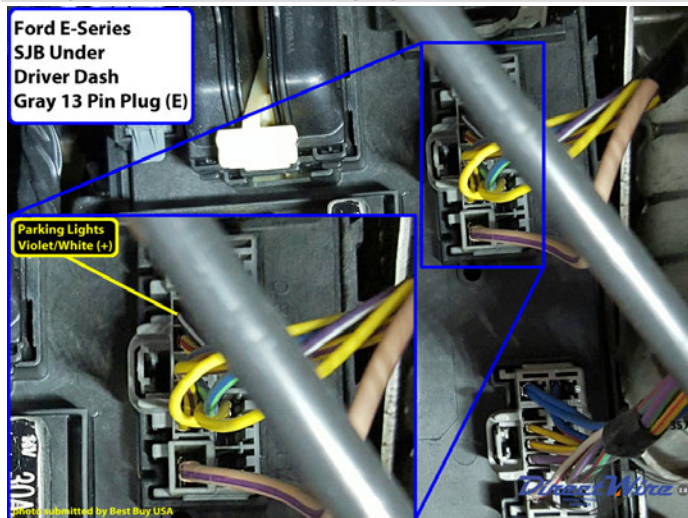
Wiring Photo and Notes: Power Unlock

**Ford E-Series
driver kick
harness to rear**

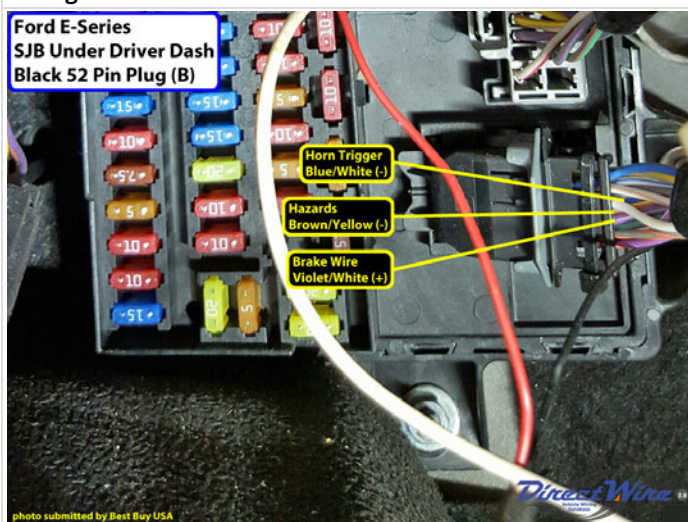


There are no notes for this wire.

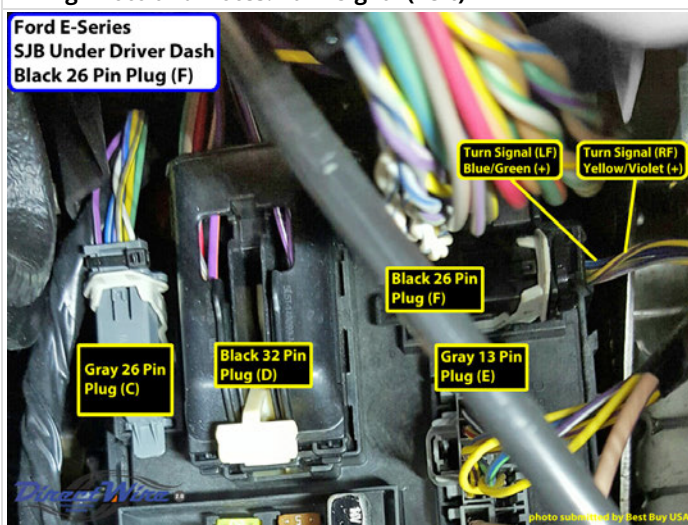
Wiring Photo and Notes: Parking Lights

Wiring Photo and Notes: Parking Lights

There are no notes for this wire.

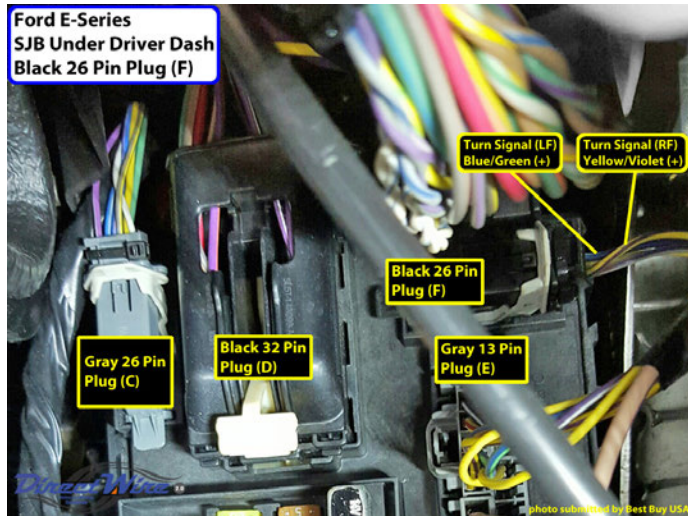
Wiring Photo and Notes: Hazards

There are no notes for this wire.

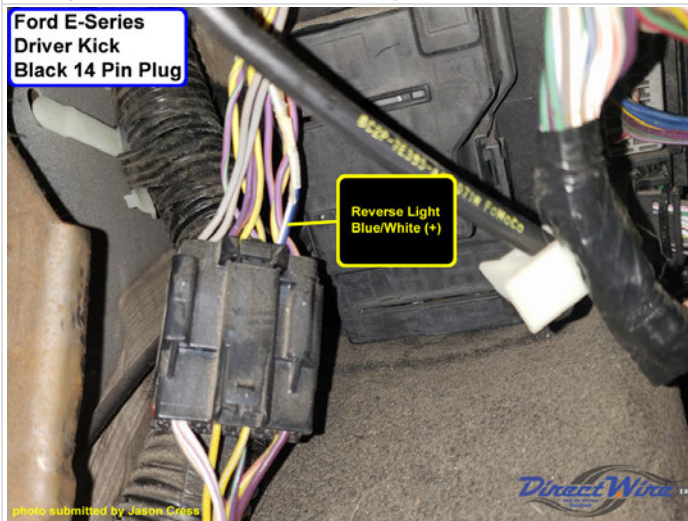
Wiring Photo and Notes: Turn Signal (Left)

There are no notes for this wire.

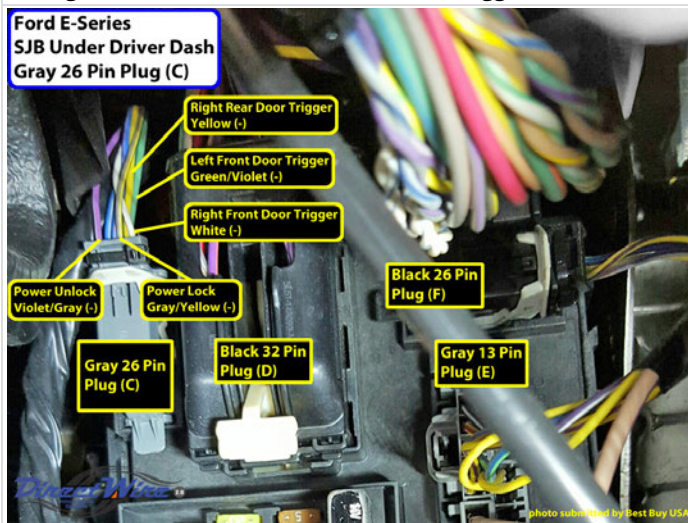
Wiring Photo and Notes: Turn Signal (Right)

Wiring Photo and Notes: Turn Signal (Right)

There are no notes for this wire.

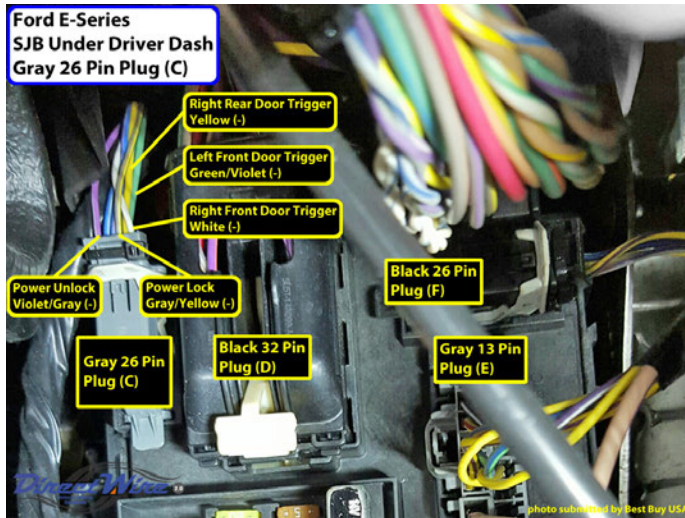
Wiring Photo and Notes: Reverse Light

There are no notes for this wire.

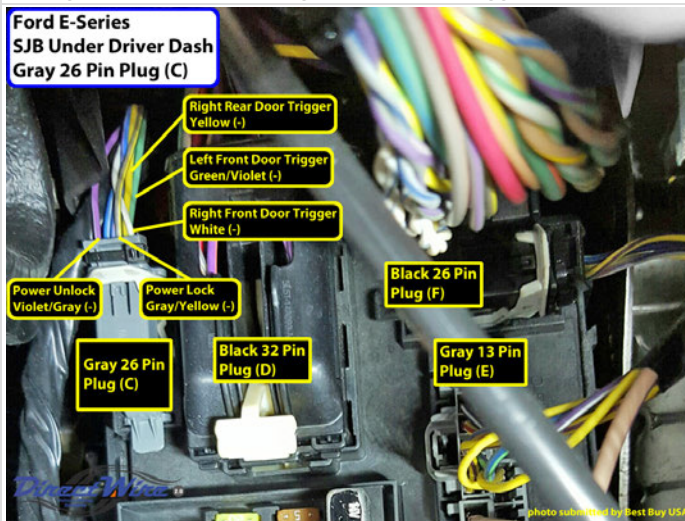
Wiring Photo and Notes: Left Front Door Trigger

There are no notes for this wire.

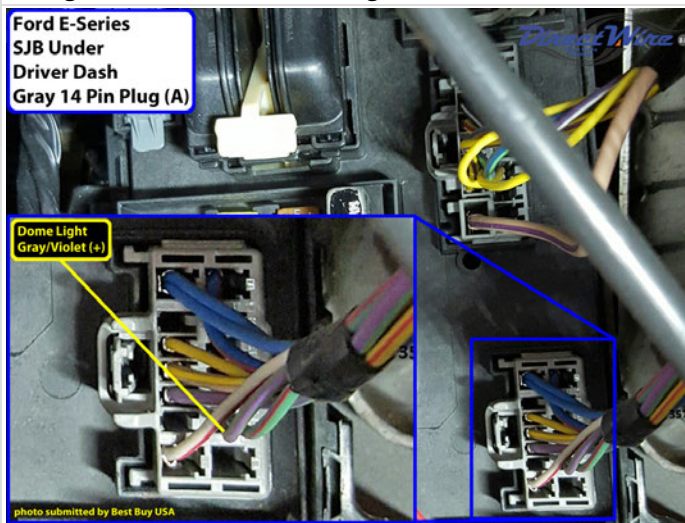
Wiring Photo and Notes: Right Front Door Trigger

Wiring Photo and Notes: Right Front Door Trigger

There are no notes for this wire.

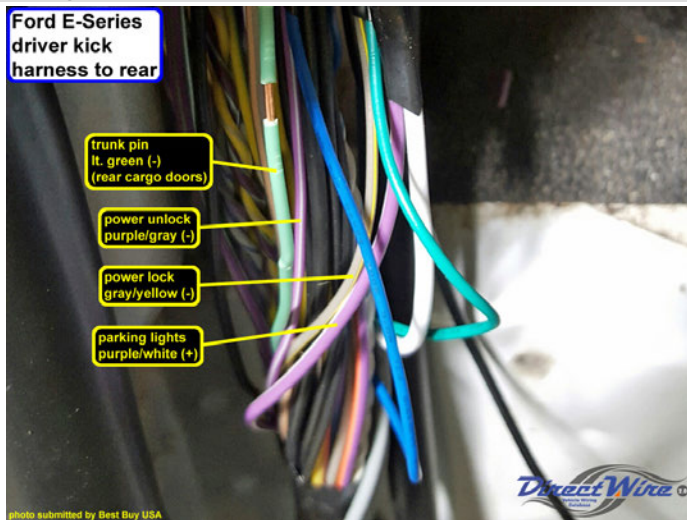
Wiring Photo and Notes: Right Rear Door Trigger

There are no notes for this wire.

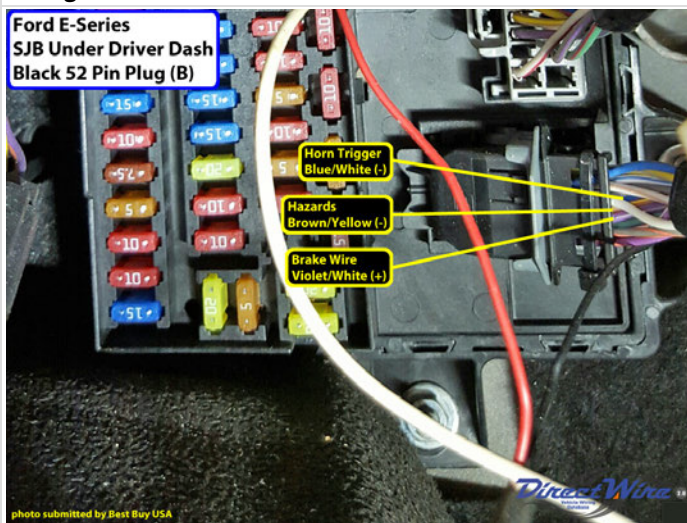
Wiring Photo and Notes: Dome Light

There are no notes for this wire.

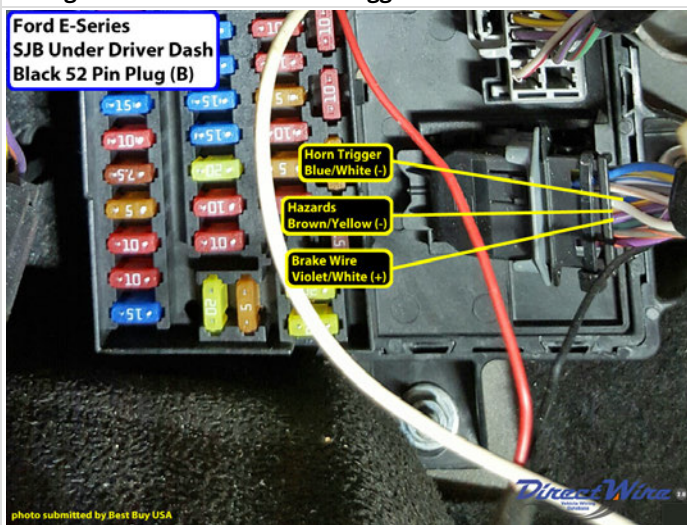
Wiring Photo and Notes: Trunk/Hatch Pin

Wiring Photo and Notes: Trunk/Hatch Pin

There are no notes for this wire.

Wiring Photo and Notes: Brake Wire

There are no notes for this wire.

Wiring Photo and Notes: Horn Trigger

There are no notes for this wire.

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