

Bus-Scan® BS 300 Wiring Reference

Ford Econoline Van (Later, Ford E-Series Van)

Model Years 1997-2003

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Yellow	@ Ignition Switch Harness
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Red/Green	@ Ignition Switch Harness
Horn - Yellow	Horn – Dark Blue	@ Steering Column Harness
Horn Polarity - Green	Ground - Chassis	Various

Model Years 2004-2008

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Light Green/Purple	@ Ignition Switch Harness
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Pink/Light Green	@ Ignition Switch Harness
Horn - Yellow	Horn – Dark Blue	@ Steering Column Harness
Horn Polarity - Green	Ground - Chassis	Various

Model Years 2009-2016

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Blue/Red	@ SJB* Black 1-Pin Plug, Pin 1
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition - White/Orange	@ Ignition Switch, Gray 13-Pin Plug, Pin 5
Horn - Yellow	Horn - Blue/White	@ Horn Switch or SJB* Black 52-Pin Plug (B), Pin 41
Horn Polarity - Green	Ground - Chassis	Various

Ford Escape

Model Years 2013-2015

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Yellow(+) and Red(+)	@ BCM, Green, 2-pin plug(G), Pins 1 & 2
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Brown/Yellow	@ Ignition Switch, Black 7-pin plug, pin 6
Horn - Yellow	Horn – Brown(-)	@ BCM, Green 42-pin plug(A), pin 31
Horn Polarity - Green	Ground - Chassis	Various

Ford Excursion

Model Years 2000-2001

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Yellow	@ Ignition Switch Harness
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Grey/Yellow	@ Ignition Switch Harness
Horn - Yellow	Horn – Dark Blue	@ Steering Column Harness
Horn Polarity - Green	Ground - Chassis	Various

Model Years 2002-2006

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Yellow & Light Green/Purple (+)	@ Ignition Switch Harness
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Grey/Yellow	@ Ignition Switch Harness
Horn - Yellow	Horn – Blue (-)	@ Steering Column Harness
Horn Polarity - Green	Ground - Chassis	Various

Ford Expedition

Model Years 2003-2006

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Light Green/Purple	@ Ignition Switch Harness
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Black/Light Green	@ Ignition Switch Harness
Horn - Yellow	Horn – Dark Blue (-)	@ VSM (In passenger Kick Panel)
Horn Polarity - Green	Ground - Chassis	Various

Model Years 2007-2008

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Blue/Red	@ Ignition Switch Harness
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Brown/Yellow	@ Ignition Switch Harness
Horn - Yellow	Horn – Yellow/Red (-)	@ SJB (Passenger Kick Panel)
Horn Polarity - Green	Ground - Chassis	Various

Model Years 2009-2012

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Red	@ SJB 1-Pin Plug in Passenger Kick Panel
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Brown/Yellow	@ Ignition Switch Gray 10-Pin Plug, Pin 7
Horn - Yellow	Horn – Yellow/Red (-)	@ Horn Switch or SJB, Black 52-Pin Plug(B) Pin 41—Passenger Kick Panel
Horn Polarity - Green	Ground - Chassis	Various

Ford Explorer

Model Years 2011-2015

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Battery Only	@ Battery
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – White/Orange(+)	@ Ignition Switch, Black 7-pin plug, pin 1
Horn - Yellow	Horn – Purple/Green (-)	@ Horn Switch or BCM, Black 52-pin plug(B), pin 33
Horn Polarity - Green	Ground - Chassis	Various

Ford Explorer - Continued

Model Years 2004-2007

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Red (+) and Light Green/Purple (+)	@ Ignition Switch Harness
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – White/Yellow (+)	@ Ignition Switch Harness
Horn - Yellow	Horn – Dark Blue (-)	@ SJB, Blue 52 Pin Plug, Pin 39. SJB (Smart Junction Box) is part of the FUSE BOX under the drivers side of dash. The BLACK 36-Pin and the BLUE 52-Pin Plugs are on the front and all other plugs are on the back.
Horn Polarity - Green	Ground - Chassis	Various

Ford Transit Connect Model Year 2010

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Red	@ Ignition Switch Harness, Black 7-Pin Plug, Pin 4.
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Green/Yellow	@ Ignition Switch Harness, Black 7-Pin Plug, Pin 4.
Horn - Yellow	Horn – Black/Blue	@ Horn Switch or GEM (Brown 23-Pin Plug) Pin 15.
Horn Polarity - Green	Ground - Chassis	Various

Model Year 2015

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power Yellow and Red (+)	@ BCM, Green 2 -pin plug (G), Pins 1,2
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Brown/Yellow (+)	@ Ignition Switch Harness, Black 7-Pin Plug, Pin 1.
Horn - Yellow	Horn – Purple/Green (-)	@ BCM, Green 42-pin Plug(B), pin 49.
Horn Polarity - Green	Ground - Chassis	Various

Ford Transit

Model Years 2014-2015

BS 300 Function/Color	Vehicle Function/Color	Location
Power - Red	Constant Power – Yellow/Red(+)	@ BCM, Black 2-Pin Plug(A), Pin 1.
Ground - Black	Ground - Chassis	Various
Ignition - Brown	Ignition – Brown/Yellow(+)	@ Ignition Switch, Black 7-Pin Plug, Pin 1
Horn - Yellow	Horn – Blue/White(-)	@ Horn Switch or BCM Blue 76-Pin Plug (D) Pin 17
Horn Polarity - Green	Ground - Chassis	Various