

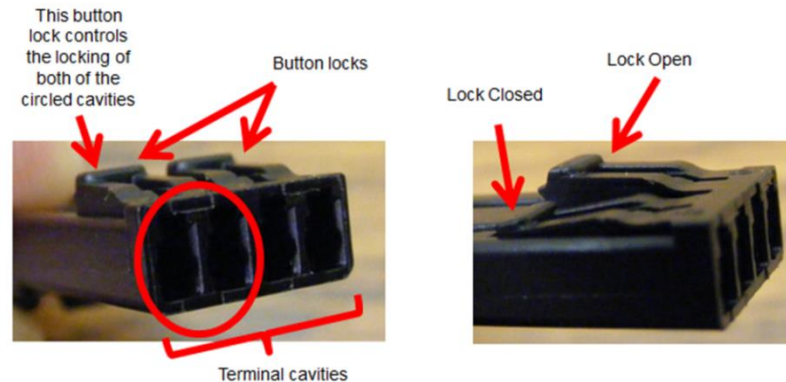
General Service Bulletin (GSB):	Splice Block GSB
GSB Overview:	Information on the specific Splice Blocks used in 2013 and newer Fusion, Fusion Hybrid, MKZ, MKZ Hybrid, Mustang, Flex, MKT, Continental and F-Super Duty vehicles.
NOTE: This information is not intended to replace or supersede any warranty, parts and service policy, Work Shop Manual (WSM) procedures or technical training or wiring diagram information.	

Application:

This GSB applies to the specific Splice Block used in 2013 and newer Fusion, Fusion Hybrid, MKZ, MKZ Hybrid, Mustang, Flex and MKT vehicles. There are other Splice Block types that are used on other models and a separate GSB is available.

What are Splice Blocks and why are they used?:

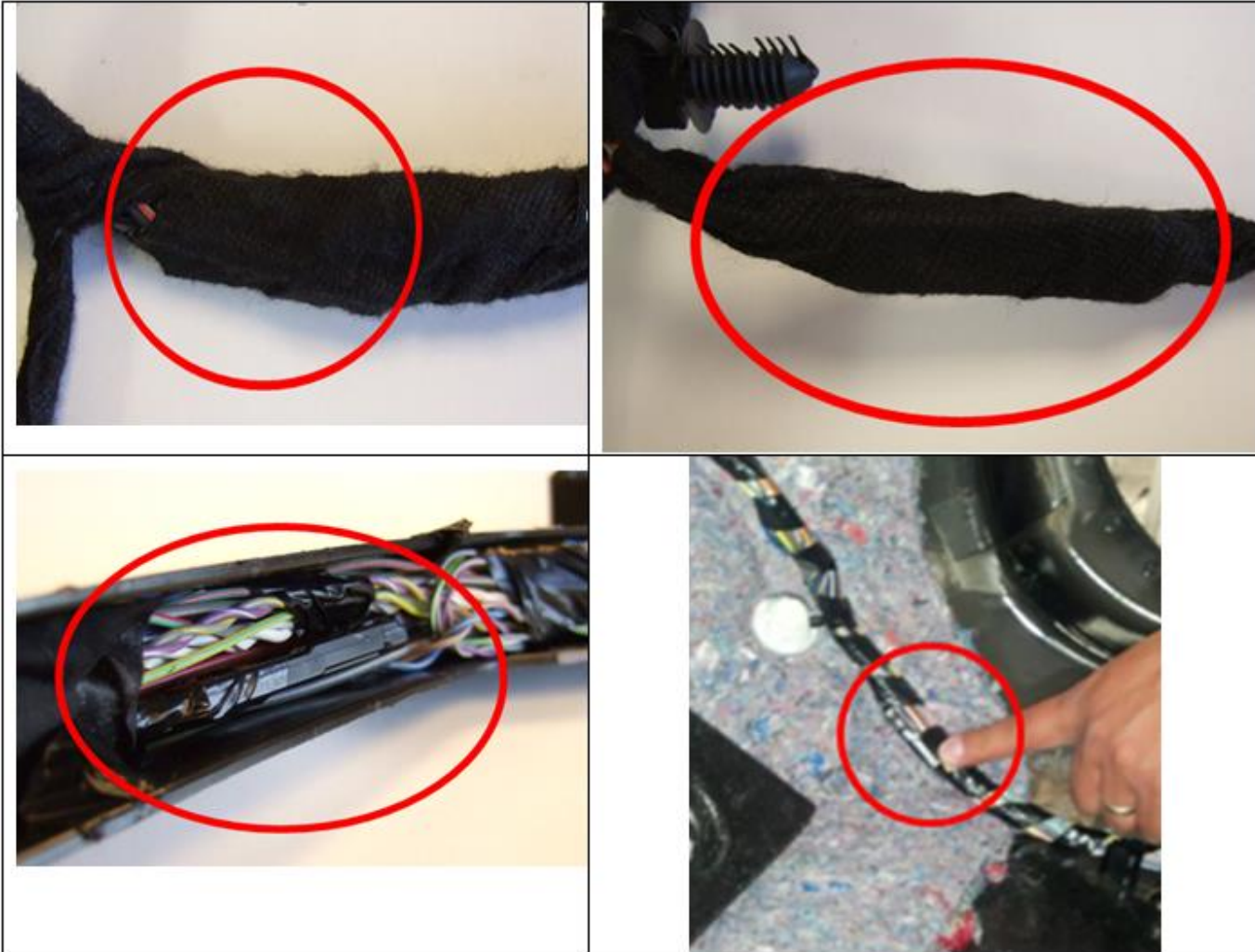
- They provide a connection point for two or more wires within the wiring harness
- They aid in wiring harness assembly, small size
- Help in the diagnostics and service (replacement of terminal ends) of the affected circuits



- Each splice assembly has 8 terminal cavities – 4 per side.
- There are 4 button locks on each splice assembly – 2 per side.
- Each button lock controls the locking of 2 terminal cavities (left side and right side).

Splice Block GSB

What do Splice Blocks look like while still in the harness?



Splice Block GSB

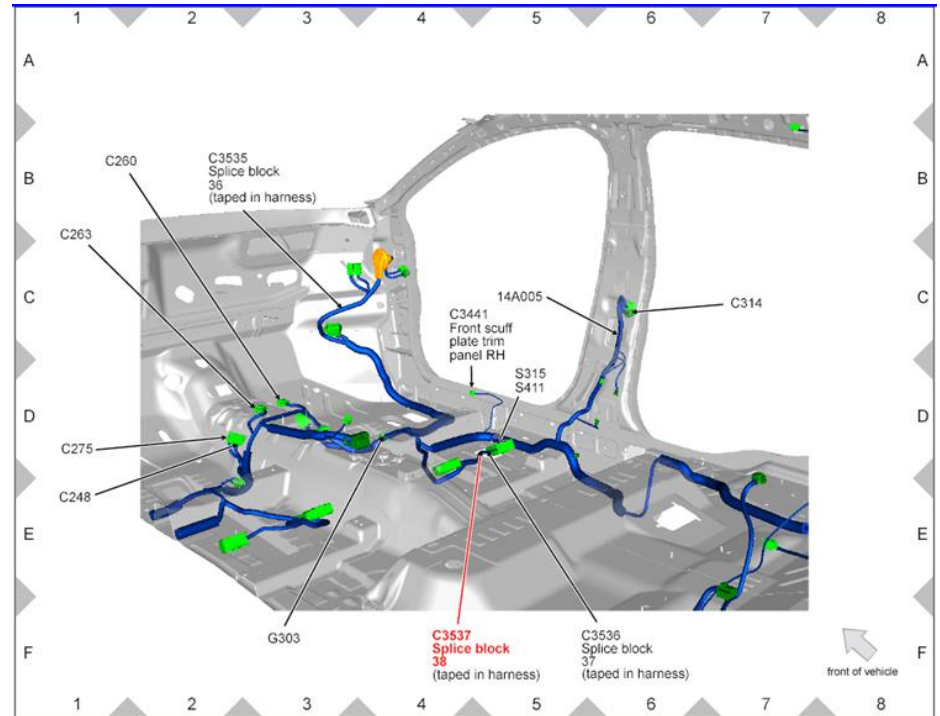
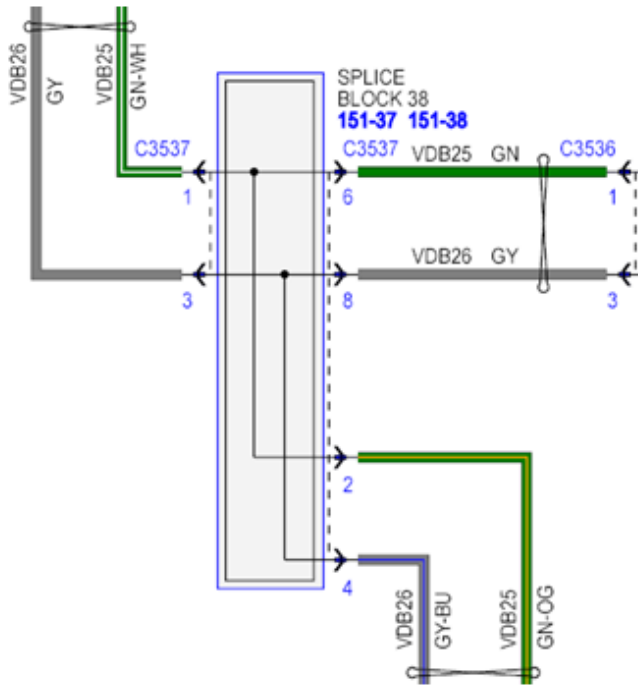
What do Splice Blocks look like when outside of the harness?



Splice Block GSB

How are Splice Blocks shown in the PTS online Wiring Diagrams?

The first diagram shows how the Splice Blocks schematics are shown in the Wiring Diagram for various circuits, when used. By clicking on the connector number the approximate location of the Splice Block is shown in the Component Location Chart as shown in the second diagram. Actual locations of these blocks are usually within 300mm of that shown.



Splice Block GSB

How are Splice Blocks shown in the PTS online Wiring Diagrams?

Splice Blocks are called out in Cell 152, Component Location Charts, within the 'Connector' category as the following example shows.

2014 Fusion
No VIN Entered

PTS Professional Technician Society

Home Vehicle ID OASIS TSB/SSM Workshop Wiring PC/ED Service Tips Owner Info Upgrade/Mods SLTS ToolBox

Contents Back Forward Report a Problem Search

2014 Fusion, MKZ Location Index

Choose an index category...

- Components
- Connectors
- Splices
- Grounds
- Harnesses

2014 Fusion, MKZ Location Index

Components Connectors Splices Grounds Harnesses

Connectors

C3513 (Fusion) Center console	C3513 (MKZ) Center console	C3523 (Fusion) Center console	C3523 (MKZ) Center console	C3524 (MKZ) Center console	C3526 (MKZ) Center console, taped in harness
C3527 In rear seats, taped in harness	C3529 (Fusion) Rear of vehicle LH	C3529 (MKZ) Rear of vehicle LH	C3531 (Fusion) In center console	C3532 (MKZ) Behind dash panel, center	C3533 Vehicle floor, under driver seat, taped in harness
C3534 Below left A-pillar, taped in harness	C3535 Below left A-pillar, taped in harness	C3536 Under passenger seat, taped in harness	C3537 Under passenger seat, taped in harness	C3538 Below left A-pillar, taped in harness	C3539 Under center console, rear, taped in harness
C3540 Below left A-pillar, taped in harness	C3541 Under center console, rear, taped in harness	C3542 Below right A-pillar, taped in harness	C3543 At passenger kick panel, taped in harness	C3544 Vehicle floor, under passenger seat, taped in harness	C3545 (Fusion) Vehicle floor, under passenger seat, taped in harness
C3546 In rear seats	C3547 In rear seats	C3551 (MKZ) Rear of vehicle RH	C3552 (Fusion) Center console	C3552 (MKZ) Center console	C3553 (Fusion) Center console
C3554 (Fusion) Center console	C3554 (MKZ) Center console	C3555 (Fusion) Center console	C3618 (Fusion) Center console	C3618 (MKZ) Center console	C3644 In rear seat back

Splice Block GSB

How are Splice Blocks shown in the PTS online Wiring Diagrams?

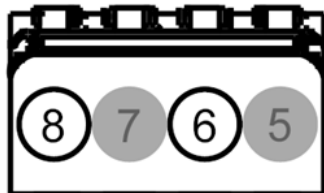
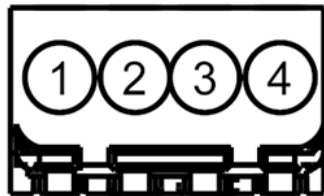
The Connector View for the Splice Blocks are shown in Cell 150-1 of the Wiring Diagrams as the following example shows.

2014 Fusion, MKZ Connector List						
					Sort by Title	Sort by Connector Number
C3441 FRONT SCUFF PLATE TRIM PANEL RH	C3501 DIRECT CURRENT/ALTERNATING CURRENT (DC/AC) INVERTER	C3513 PASSIVE ANTI-THEFT SYSTEM FRONT ANTENNA	C3523 HEATED SEAT SWITCH, REAR SEAT	C3524 AC OUTLET	C3526 SPLICE BLOCK 11	
C3527 SPLICE BLOCK 12	C3529 PARKING BRAKE ACTUATOR MOTOR	C3531 SELECTOR LEVER ASSEMBLY	C3532 GEAR SHIFT MODULE (GSM)	C3533 SPLICE BLOCK 33	C3534 SPLICE BLOCK 34	
C3535 SPLICE BLOCK 36	C3536 SPLICE BLOCK 37	C3537 SPLICE BLOCK 38	C3538 SPLICE BLOCK 46	C3539 SPLICE BLOCK 47	C3540 SPLICE BLOCK 48	
C3541 SPLICE BLOCK 49	C3542 SPLICE BLOCK 50	C3543 SPLICE BLOCK 51	C3544 SPLICE BLOCK 53	C3545 SPLICE BLOCK 54	C3546 SEAT BACKREST HEATER MAT, LEFT REAR	
C3547 SEAT BACKREST HEATER MAT, RIGHT REAR	C3551 PARKING BRAKE ACTUATOR MOTOR	C3552 REAR FOOTWELL AMBIENT LED	C3553 MEDIA BIN AMBIENT LED	C3554 CONSOLE FRONT AMBIENT LED	C3555 CONSOLE FRONT CENTER AMBIENT LED	

← Back Forward → | C3537

Connector:	Description	Color	Harness	Base Part #	Service Pigtail
C3537	SPLICE BLOCK 38		14A005	part# N/A	Not Available

Pin 1 - VDB25(GN-WH) - CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED 2 (UPPER) HIGH, Gauge 26



Pin	Circuit	Gauge	Circuit Function	Qualifier	Terminal Part Number
1	VDB25 (GN-WH)	26	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED 2 (UPPER) HIGH		9U5T-14474-YA
2	VDB25 (GN-OG)	20	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED 2 (UPPER) HIGH		9U5T-14474-DA
3	VDB26 (GY)	26	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED 2 (UPPER) LOW		9U5T-14474-YA
4	VDB26 (GY-BU)	20	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED 2 (UPPER) LOW		9U5T-14474-DA
5	-	-	Not Used		N/A
6	VDB25 (GN)	26	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED 2 (UPPER) HIGH		9U5T-14474-YA
7	-	-	Not Used		N/A
8	VDB26 (GY)	26	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED 2 (UPPER) LOW		9U5T-14474-YA

Terminal Part Number	Service Part Number
9U5T-14474-YA	DU2Z-14474-AA
9U5T-14474-DA	DU2Z-14474-AA

On some models this page provides information as to whether a Terminal is available and provides the part number

Splice Block GSB

What type of concerns can result from a poor wiring connection within a Splice Block?

- At the Splice Block, pin push outs, terminal crimps, wire damage etc. can result in open, shorted or grounded circuit, which may cause various issues that could be intermittent.

How are the circuits within a Splice Block tested?

- Power, ground, continuity checks for specific circuits that may contain a Splice Block are listed in an applicable Workshop Manual Pinpoint Test.

How are the circuits and terminals with a Splice Block repaired?

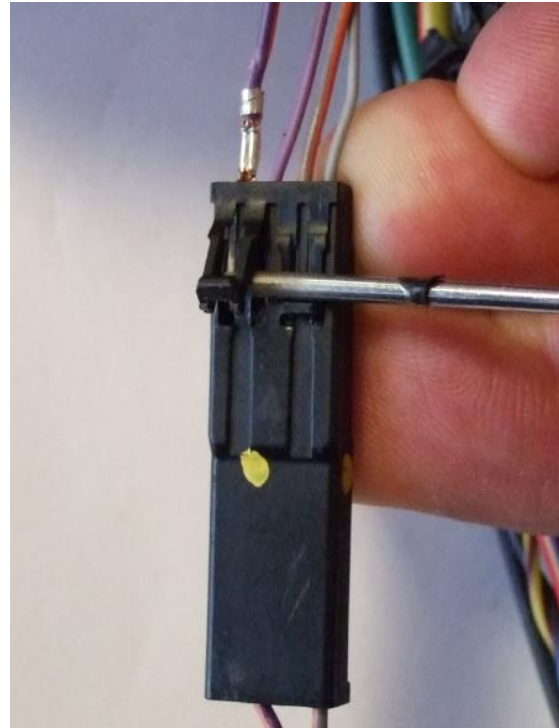
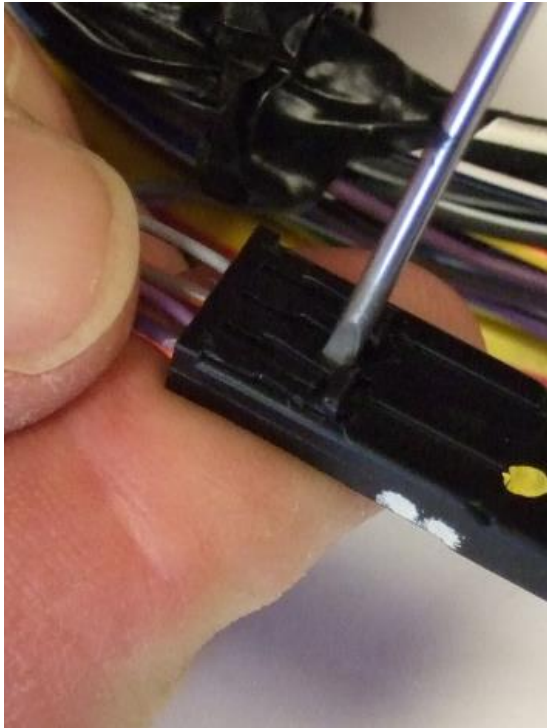
- Depending on the severity of the concern with the Splice Block there are several repair options
 - If there is water intrusion to the connection, the splice block is physically damaged, or multiple circuits are affected, remove and splice as needed.
 - If the wire is pulled out of the terminal. One wire is damaged but has enough length to replace the terminal, replace the terminal and re-insert into splice block.

Please refer to Cell 5 of the Wiring Diagram for wiring / wiring terminal repair procedures.

Splice Block GSB

How are the terminals pins released from and installed in a Splice Block?

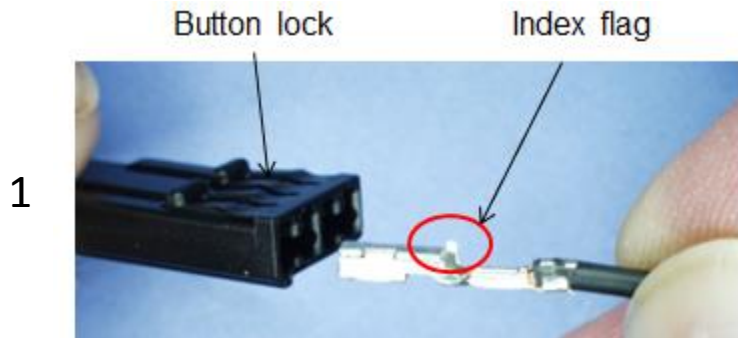
The terminals can be released from the Splice Block by lifting up on the locking tab as shown below. Terminals can be reinstalled into the Splice Block but insure the locking tab is fully seated to retain the terminal.



Splice Block GSB

Terminal Replacement

Terminals may be available and can be replaced per the procedure below



Push down to close / Listen for click

