

2016 Ford Mustang V8-5.0L

Vehicle > Technical Service Bulletins

## SRS SYSTEM - AIR BAG SQUIB CONNECTOR INFORMATION

General Service Bulletin (GSB):

Supplemental Restraints System Air Bag Squib Connector GSB

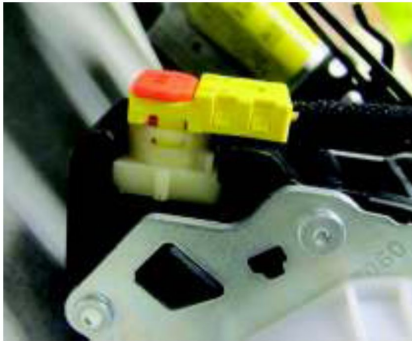
GSB Overview:

### **Application:**

Various 2013 and newer model year vehicles.

### **What are SRS Air Bag 'Squib' Connectors and where are they used?:**

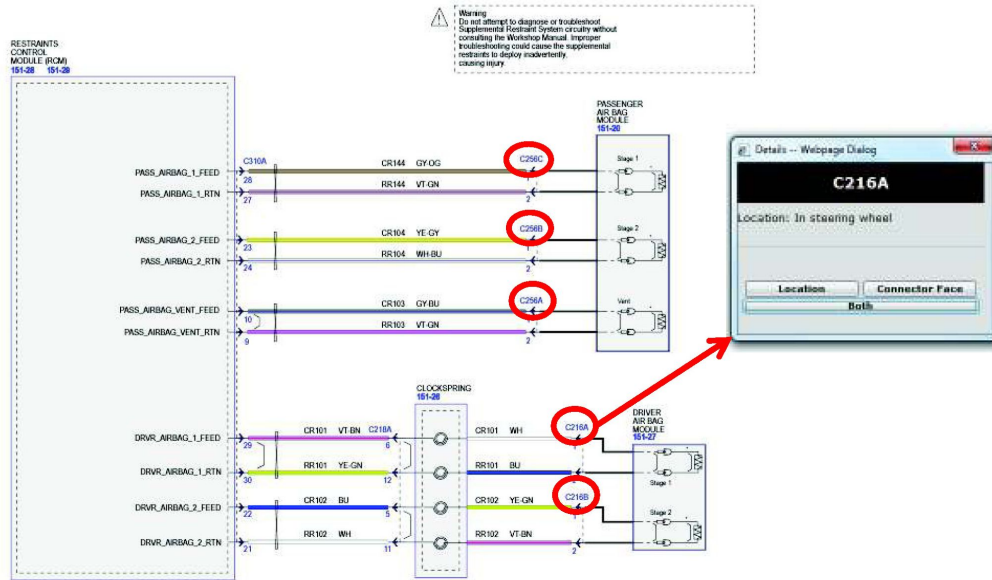
Squib connectors provide the electrical connection point between the vehicle wiring harness and the SRS Air Bag Modules.



# SRS Air Bag Module 'Squib' Connector GSB

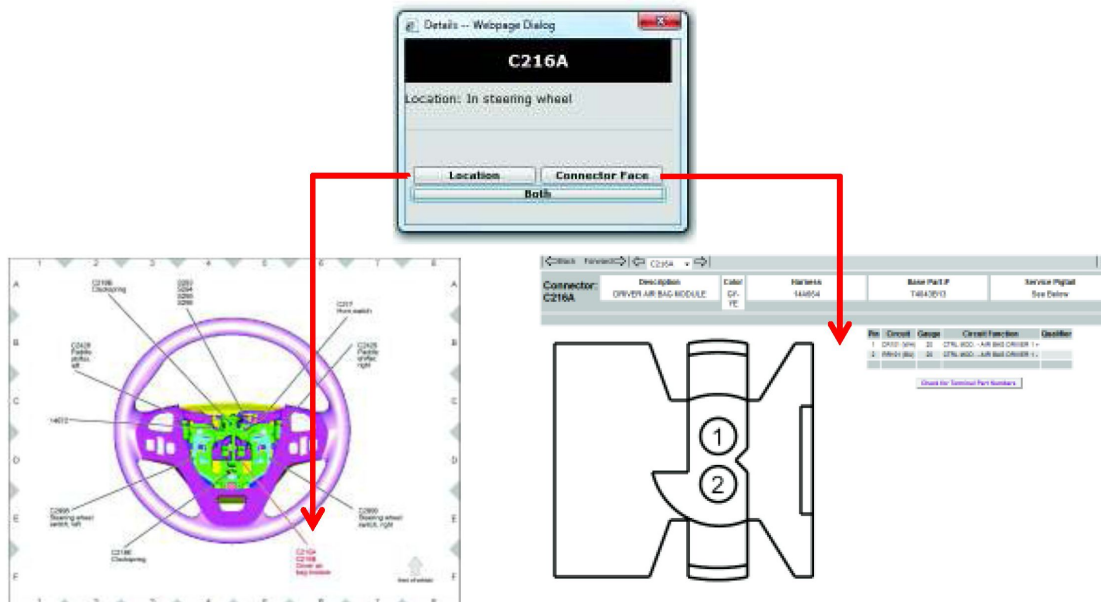
## How are SRS Air Bag 'Squib' connectors shown in the PTS online Wiring Diagrams?

The 'Squib' connectors (in this example connectors C256A/B/C and C216A/B) are identified in the Wiring Diagram as shown. Clicking on the connector number displays additional detail options.



## Additional information on the Squib Connector is contained in the PTS Wiring Diagrams

Connector location and other information are provided on the Squib Connector as shown.



## **Squib Connector Face View in the PTS online Wiring Diagrams**

Clicking on Connector Face provides service details. In this example, individual terminals are not available, but a Service Pigtail Kit is shown along with the service part number.

The screenshot displays the PTS online wiring diagrams interface. On the left, a window titled 'Details -- Webpage Dialog' shows 'C216A' with the location 'In steering wheel'. A red arrow points from the 'Connector Face' button to the main diagram area. The main area shows a schematic of the C216A connector face with two terminals labeled 1 and 2. A red arrow points from the schematic to the 'Available Pigtail Kits' section. This section lists 'Pigtail Kit Part Number WPT-1223' and includes a photograph of the pigtail kit. To the right, a table lists service parts, with a red arrow pointing to the 'Service Part Number BU22-148411-BEA'.

Service Part Number	Gauge	Pin material	Cavities	Vehicle Uses
BU22-148411-BEA	20	FCI - Airbag	2	<ul style="list-style-type: none"> <li>Squib - Airbag (Passenger)</li> </ul>

## **What type of concerns can result from a poor connection between the Squib connector and the SRS Air Bag Module?**

- Within the Squib Connector, pin push outs, loose terminals, terminal crimps, wire damage or a poor connection between the connector and SRS Air Bag Module will result in the illumination of the Air Bag warning light and generation of a Diagnostic Trouble Code.

## **How are circuits within a Squib Connector tested?**

- Visual inspection along with power, ground and continuity checks of the specific circuits may be required as specified in the applicable Workshop Manual Pinpoint Test.

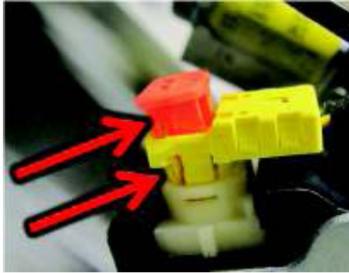
## **How are circuits and terminals within Squib Connector repaired?**

- Service of the Squib Connector could include ensuring that it is properly connected to the Air Bag Module (as shown in the following slide) or if necessary, replacement of the connector using a service pigtail.

### Proper connection of the SRS Air Bag Module 'Squib' connector

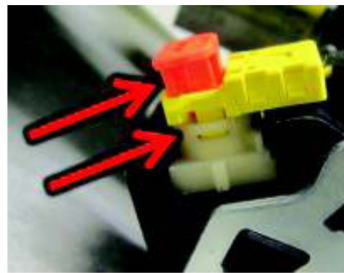
#### NOT CONNECTED, NOT FULLY SEATED

Notice the space between connector and module.  
The yellow tab should be fully seated into the white connector



#### CONNECTED, BUT NOT FULLY SEATED

There is no space between the module and the connector.  
The orange tab can now be engaged.



#### CONNECTED AND FULLY SEATED



Information, location and proper connection of the supplemental restraints system (SRS) squib connectors used on various 2013 and newer 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.