

415-00B Information and Entertainment System - General Information - Vehicles
With: SYNC 3

2019 Ranger

Description and Operation

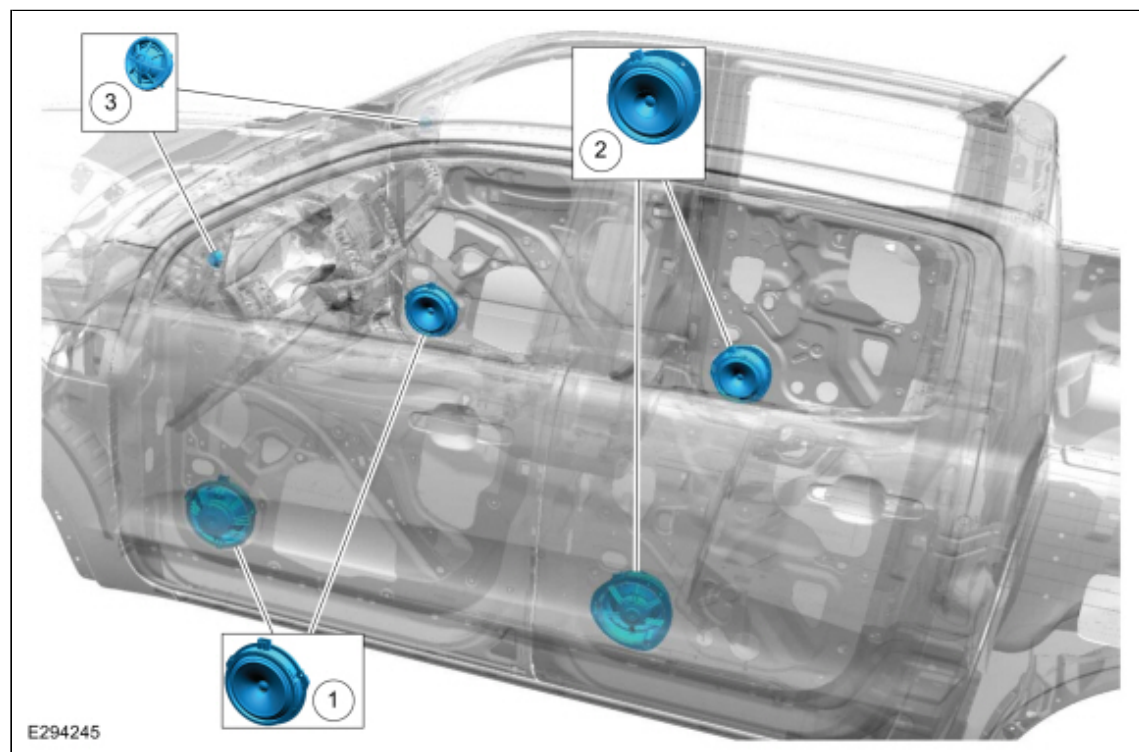
Procedure revision date:
12/7/2018

Information and Entertainment System - Component Location

NOTE: The available speaker configurations are shown first. The remaining hidden audio/SYNC system components and various cable routings follow the speaker configurations.

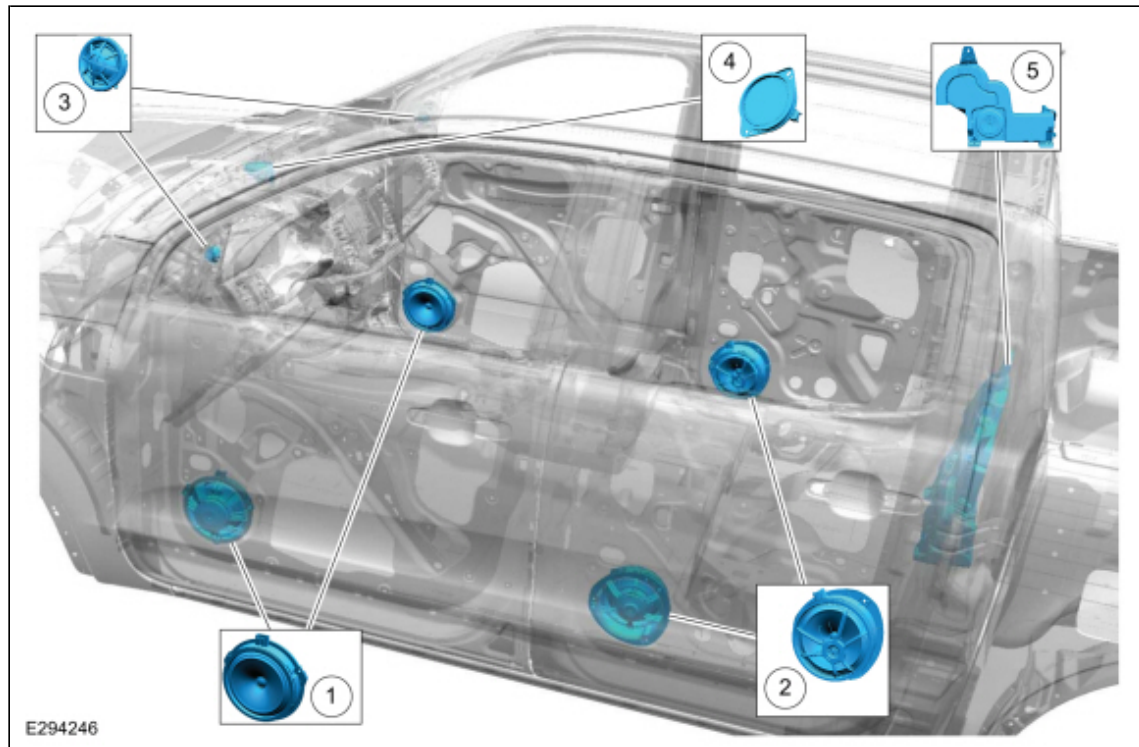
NOTE: Some vehicles may not be equipped with all the optional components shown.

6 Speaker System



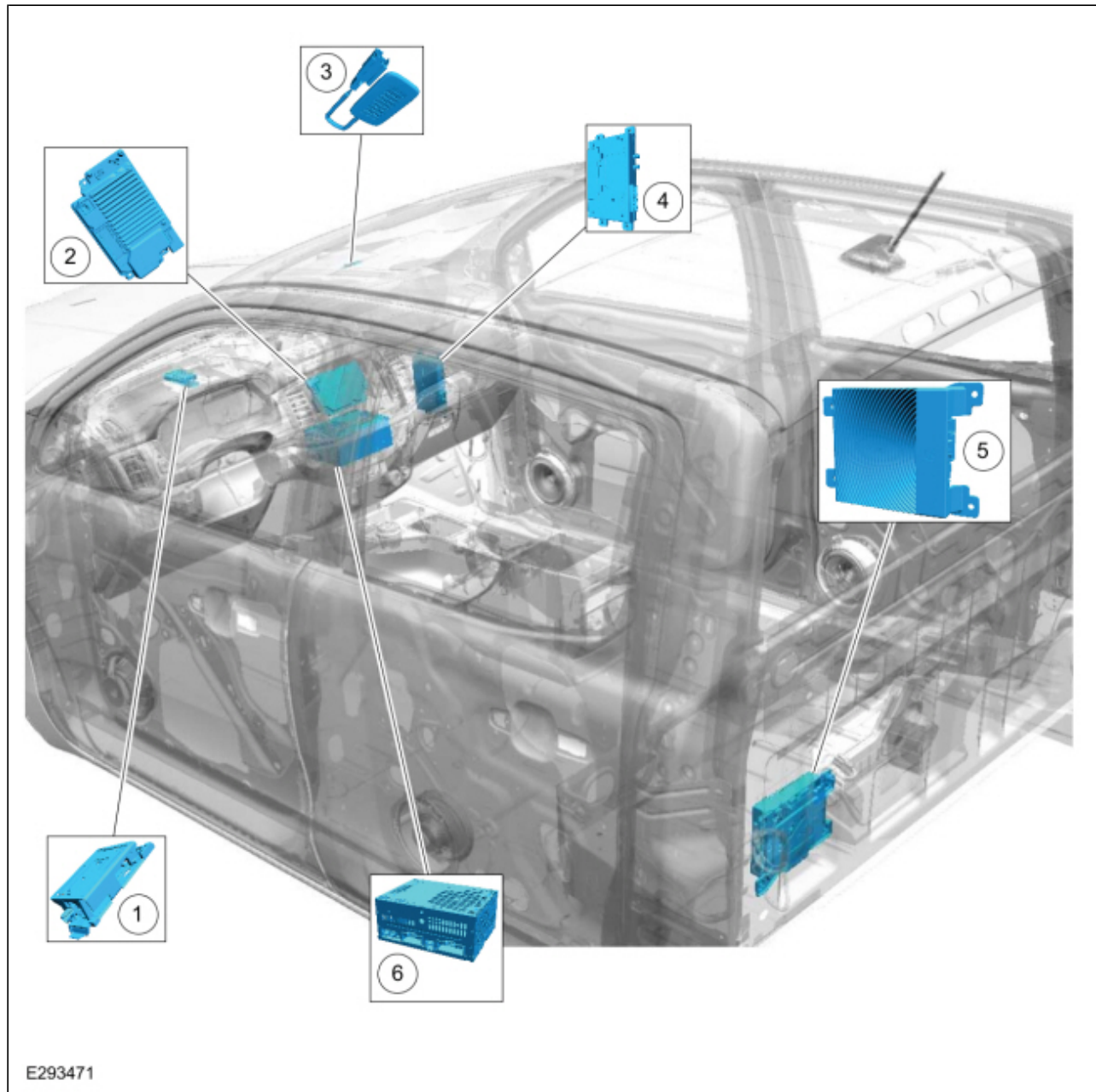
Item	Description
1	Front door woofer speakers
2	Rear door woofer speakers
3	Front door tweeter speakers

8 Speaker System



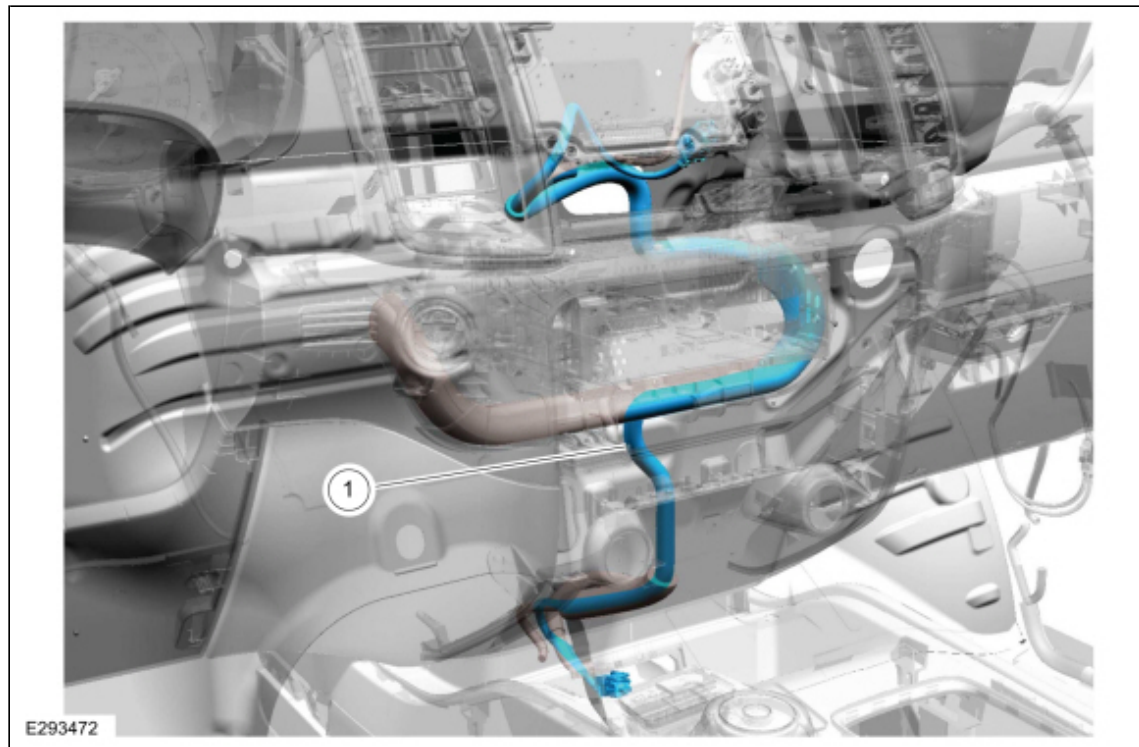
Item	Description
1	Front door woofer speakers
2	Rear door woofer speakers
3	Front door tweeter speakers
4	Instrument panel center speaker
5	Subwoofer speaker

Audio/SYNC System Hidden Components



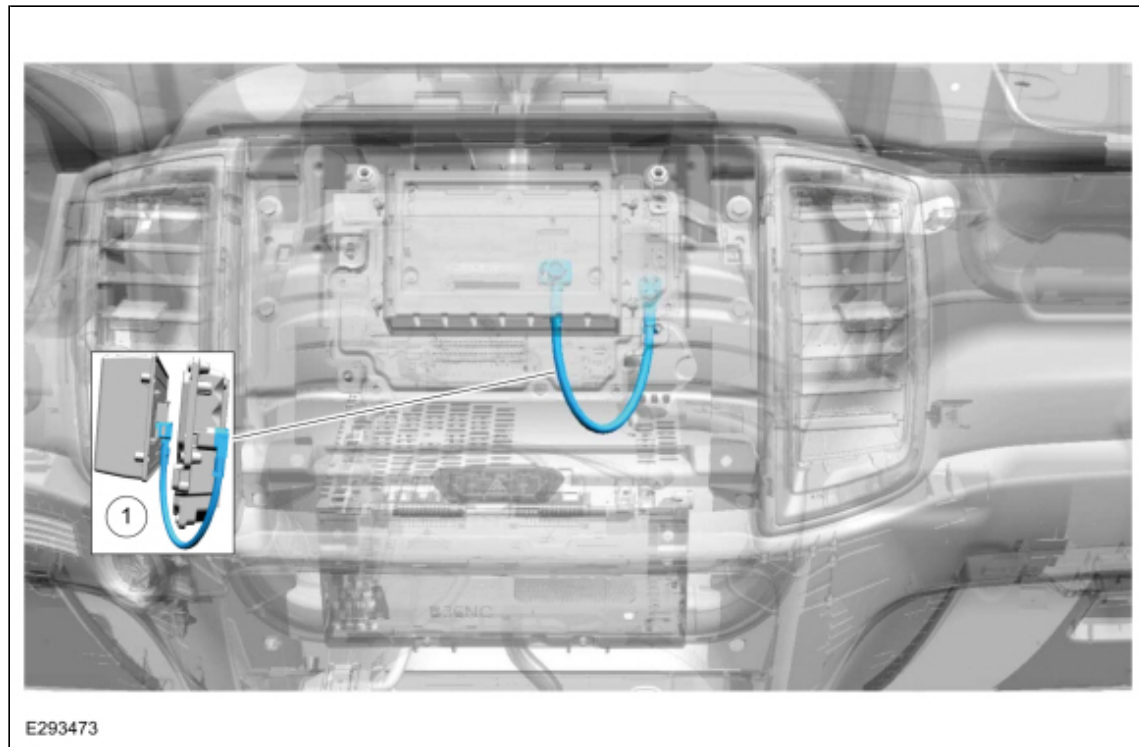
Item	Description
1	<u>TCU</u> antenna
2	<u>APIM</u>
3	Voice microphone
4	<u>TCU</u>
5	<u>DSP</u>
6	<u>ACM</u>

USB Cable Routing



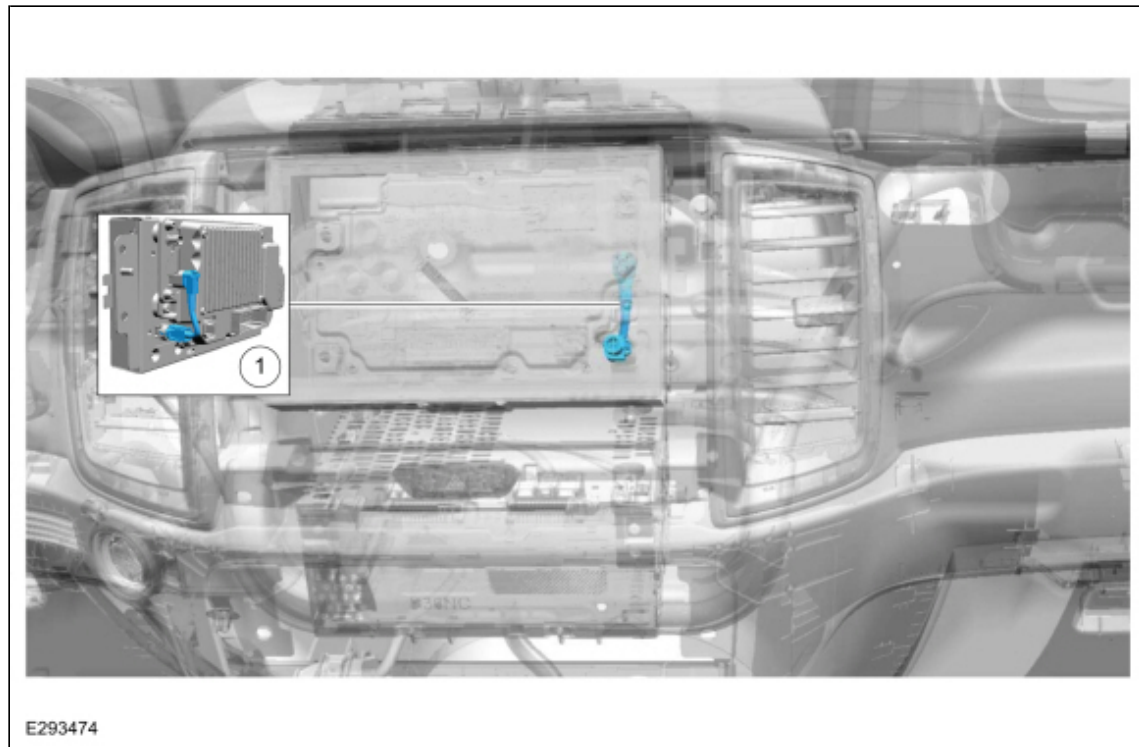
Item	Description
1	<u>USB</u> cable

Non-Touchscreen LVDS Cable Routing



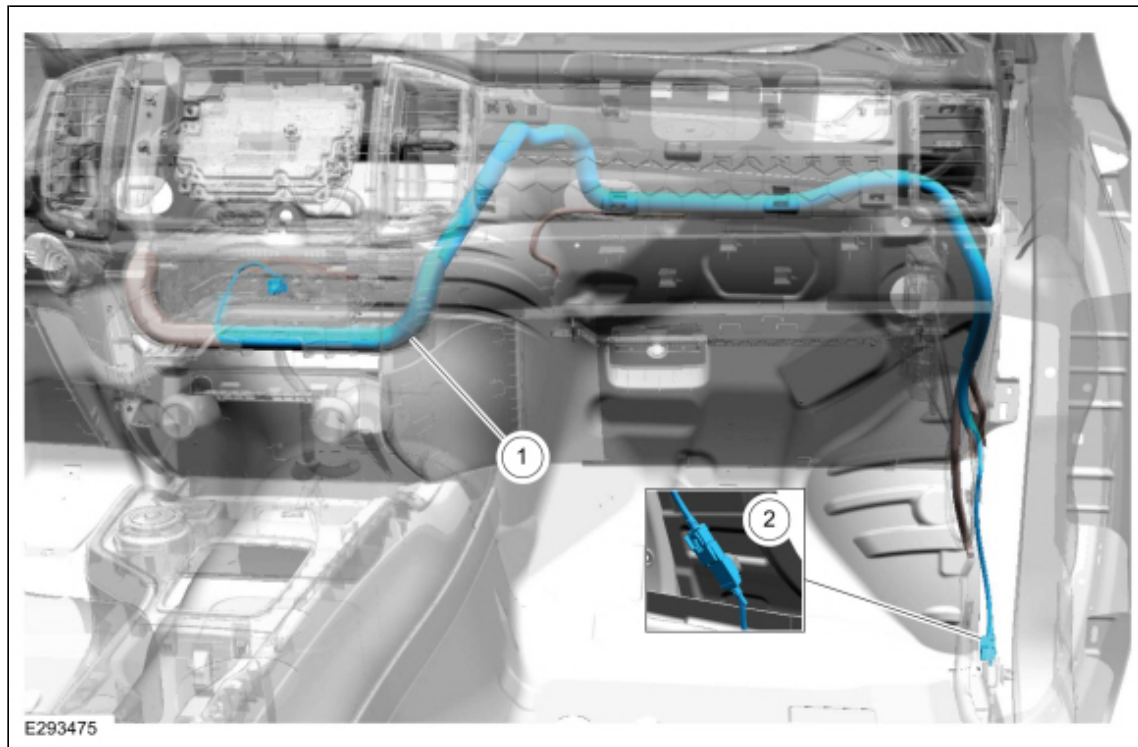
Item	Description
1	<u>LVDS</u> cable

Touchscreen LVDS Cable Routing



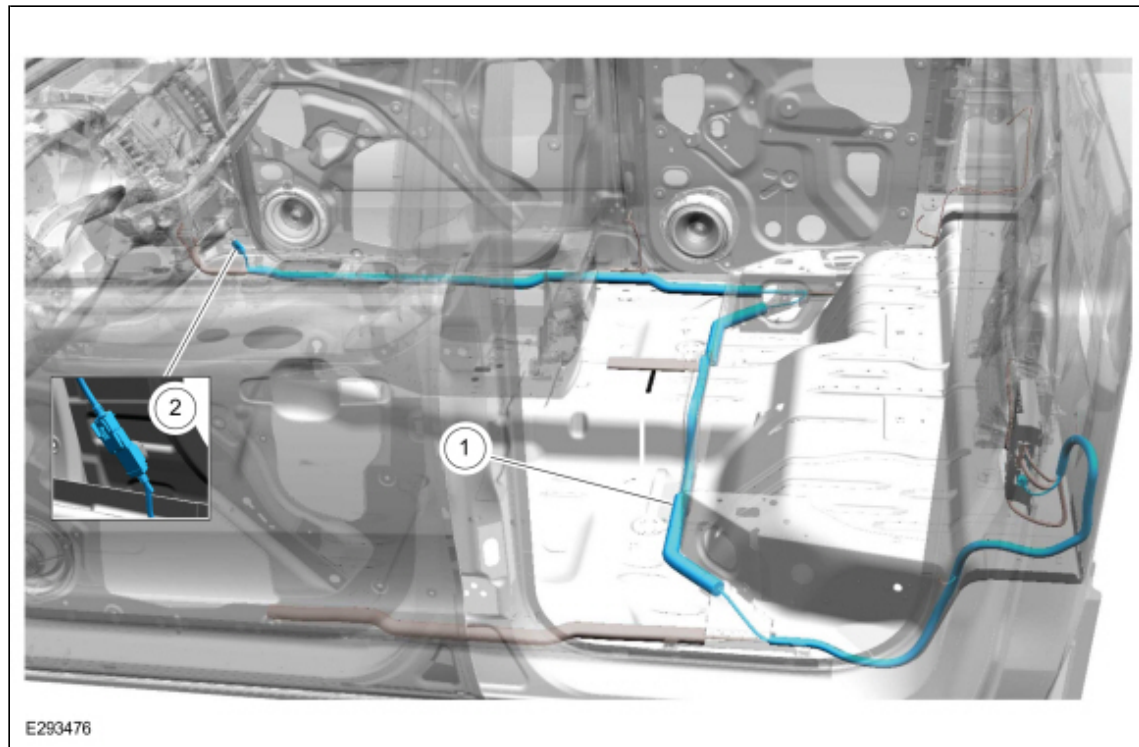
Item	Description
1	<u>LVDS</u> cable

Front Automobile Audio Bus (A2B) Cable Routing



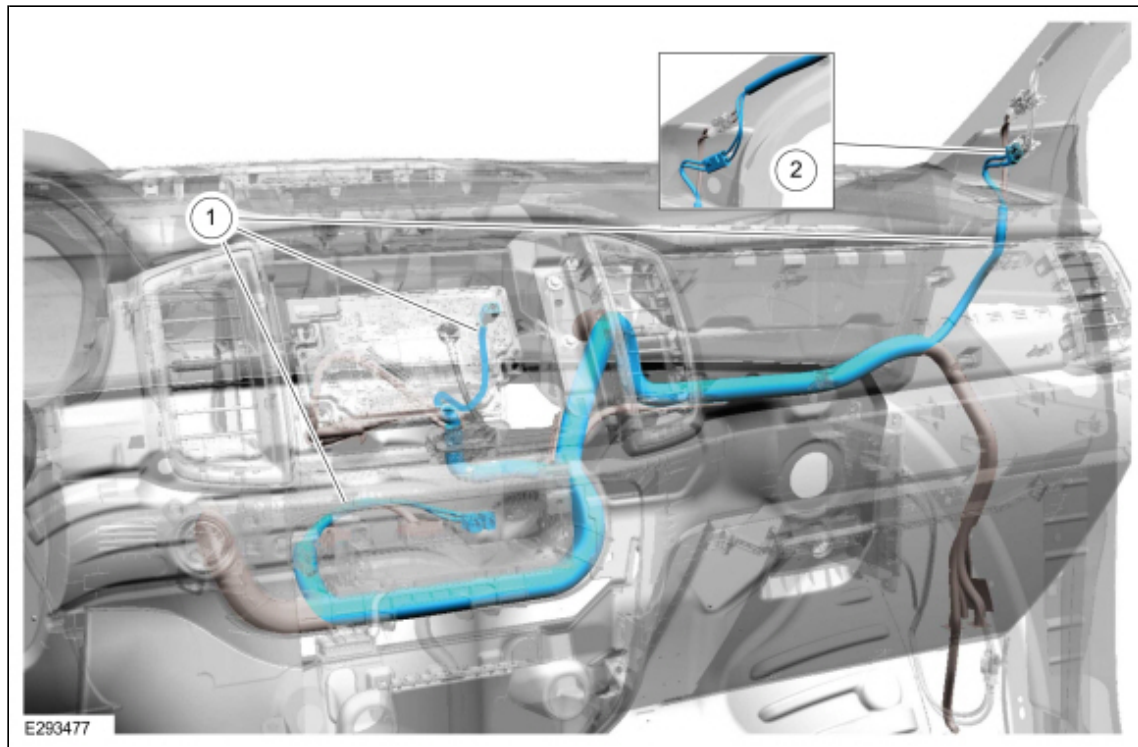
Item	Description
1	Front Automobile Audio Bus (A2B) cable
2	Automobile Audio Bus (A2B) cable in-line connection

Rear Automobile Audio Bus (A2B) Cable Routing



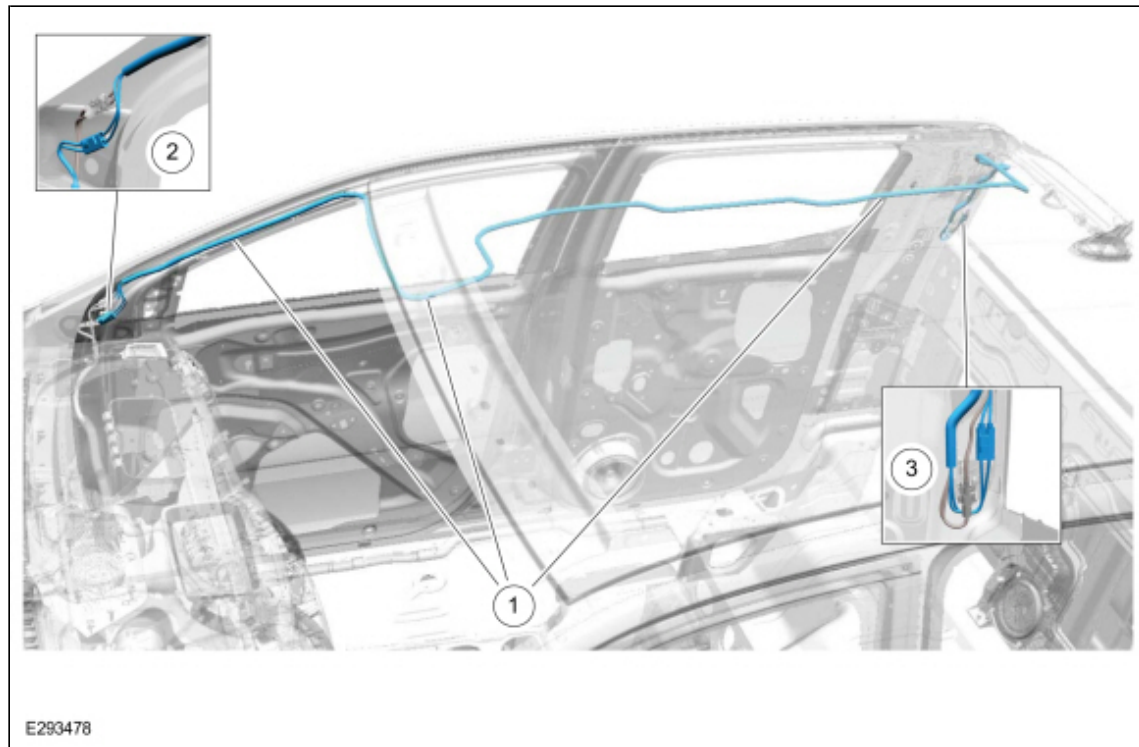
Item	Description
1	Rear Automobile Audio Bus (A2B) cable
2	Automobile Audio Bus (A2B) cable in-line connection

Front AM/ FM1/ GPS/Satellite Radio Antenna Cable Routing



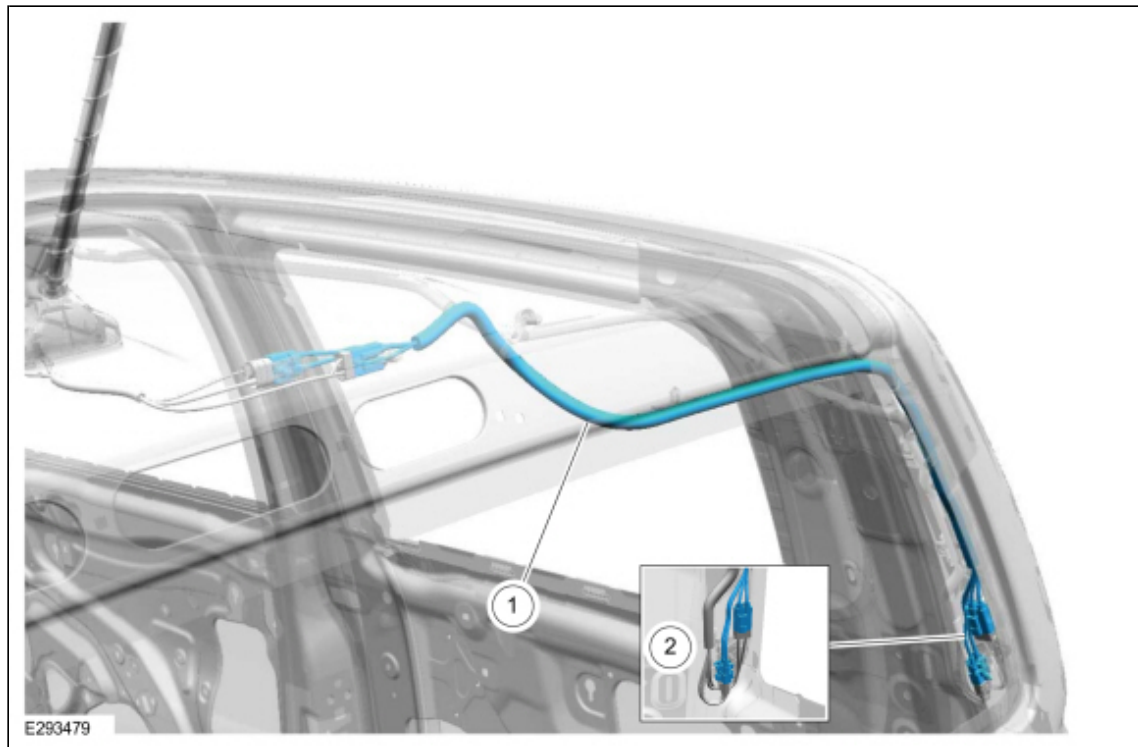
Item	Description
1	Front <u>AM</u> / <u>FM1</u> / <u>GPS</u> antenna cable
2	Front <u>AM</u> / <u>FM1</u> / <u>GPS</u> antenna cable in-line connection

Center AM/ FM1/ GPS Antenna Cable Routing



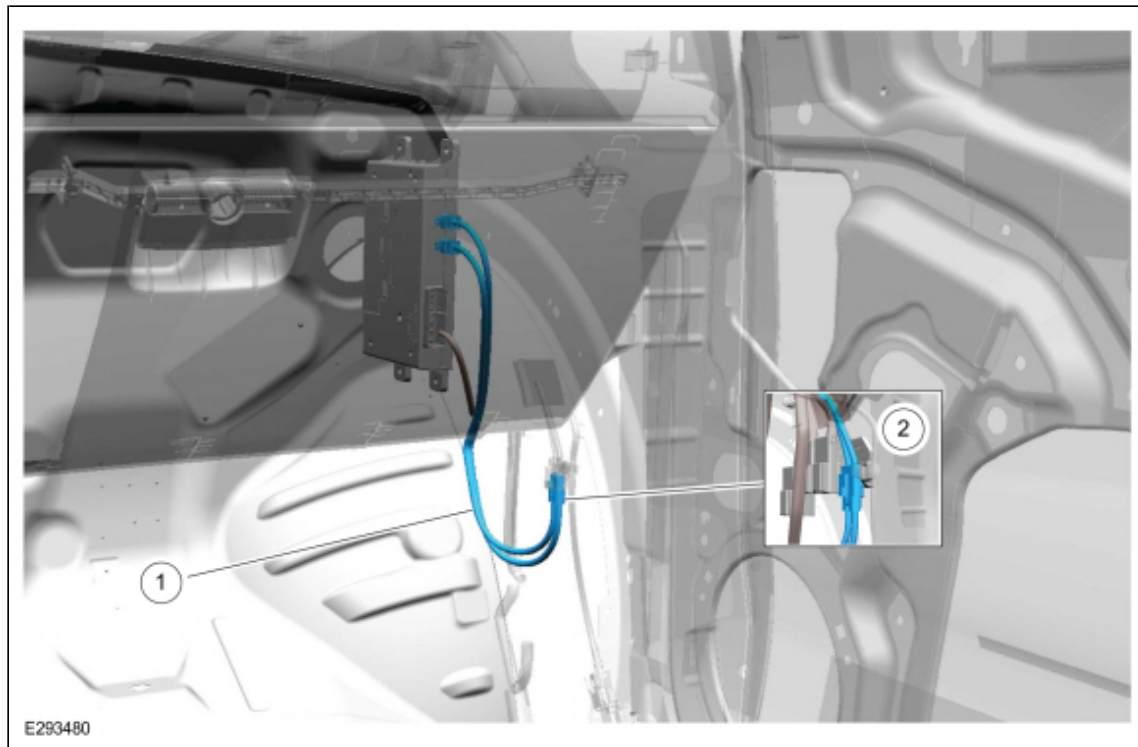
Item	Description
1	Center <u>AM</u> / <u>FM1</u> / <u>GPS</u> antenna cable
2	Front <u>AM</u> / <u>FM1</u> / <u>GPS</u> antenna cable in-line connection
3	Rear <u>AM</u> / <u>FM1</u> / <u>GPS</u> antenna cable in-line connection

Rear AM/ FM1/ GPS/Cellular Antenna Cable Routing



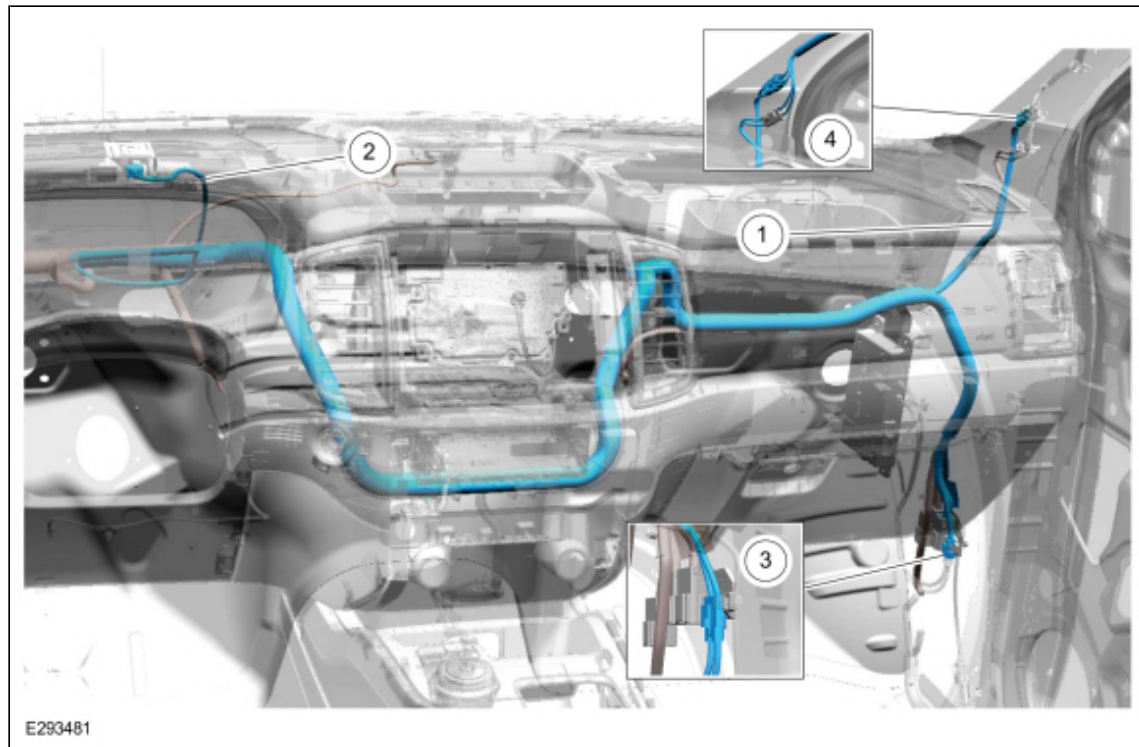
Item	Description
1	Rear <u>AM</u> / <u>FM1</u> / <u>GPS</u> antenna cable
2	Rear <u>AM</u> / <u>FM1</u> antenna cable and rear cellular antenna cable in-line connections

Front Cellular/TCU Antenna Cable Routing



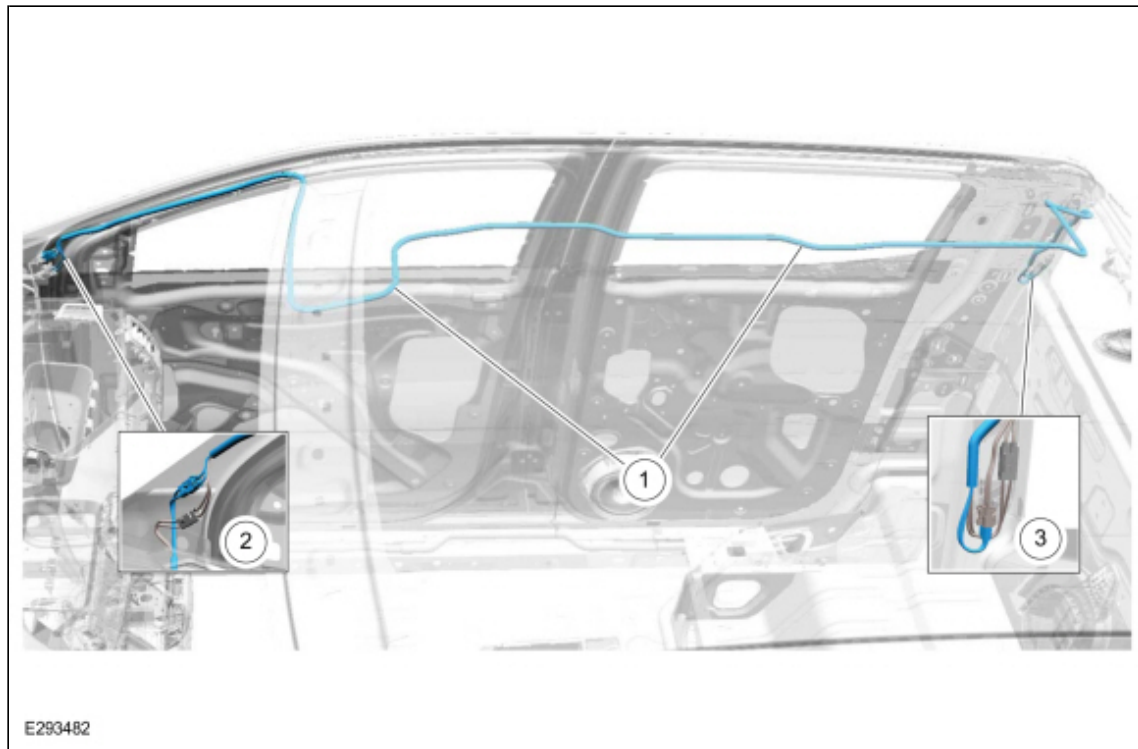
Item	Description
1	Front cellular/ <u>TCU</u> antenna cable
2	Front cellular antenna/ <u>TCU</u> cable in-line connection

Center Front Cellular/Rear TCU Antenna Cable Routing



Item	Description
1	Center front cellular antenna cable
2	Rear <u>TCU</u> antenna cable
3	Front cellular/ <u>TCU</u> antenna cable in-line connection
4	Center cellular antenna cable in-line connection

Center Rear Cellular Antenna Cable Routing



Item	Description
1	Center rear cellular antenna cable
2	Center cellular antenna cable in-line connection
3	Rear cellular antenna cable in-line connection

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