

The SYNC AppLink supports devices with customer-installed applications capable of outside control by voice command, steering wheel switches, the FCIM or the display unit. These devices must be paired with SYNC Bluetooth and some devices require a USB connection.

Voice Command

The SYNC voice command capability reduces or eliminates physical interaction with certain vehicle functions or portable device controls. When SYNC is prompted by the steering wheel switch, it responds with a tone or audible response (depending on the SYNC setting) in the audio system. SYNC uses the voice microphone to listen to the driver command and control the vehicle function or portable device.

Text-To-Speech Feature

The SYNC text-to-speech feature converts text information to speech and broadcasts it through the audio system. Text messages with sender information, media titles, and other information can be read and broadcast through the audio system, helping users maintain driving focus.

Emergency Assistance (911 Assist)

The emergency assistance feature (911 Assist) calls for help in an event where the airbags deploy. This feature must be previously enabled and requires a paired cellular phone to connect with emergency services. If activated by an airbag deployment, the system plays a message in the vehicle indicating an emergency call is about to be placed. If not canceled, it dials the emergency response number and plays a pre-recorded message for the emergency response operator. After the message plays, the vehicle occupant(s) can talk with the operator to give their location and personal information.

Compass

Information from the GPS is used to determine the vehicle compass heading. The compass heading displays in the instrument cluster message center or the center display.

Navigation System (if equipped)

The navigation system uses GPS to display the vehicle location and travel direction on a map, displayed on the display unit. Street names, landmarks, and points of interest are included. The driver can enter destination information to obtain automatic map routing and navigation guidance voice directions.

SIRIUS® Travel Link® (if equipped)

SIRIUS® Travel Link® is a subscription-based service available on vehicles equipped with navigation. GPS data is required for certain features. When the subscription is active, the ESN of the ACM, with the VIN, is registered with SIRIUS.

SIRIUS® Travel Link® information includes traffic conditions, weather, fuel station locations and prices, and local entertainment information.

Digital Radio Data Link (if equipped)

The digital radio data link is a subscription-free based service available on vehicles equipped with navigation. GPS data is required for certain features.

Digital radio data link information includes traffic conditions, weather, fuel station locations and prices, and local entertainment information.

Android Auto® or Apple CarPlay®

SYNC supports interaction with Android Auto® and Apple CarPlay®, enabled phones connected by Bluetooth. This allows the user to access phone capabilities and control features via SYNC voice commands and switches. The features include:

- making calls.
- sending and listening to text messages.
- selecting and playing music.
- using the phone voice assistant.
- using phone maps and navigation.

Android Auto® and Apple CarPlay®, disable some SYNC features. Most Android Auto®, or Apple CarPlay®, features use mobile data.

SYNC Connect (if equipped)

NOTE: Depending on the notification settings, the vehicle may report a "Deep Sleep Mode" on supported mobile Apps. This occurs when battery voltage drops below a level necessary for correct vehicle operation or the vehicle has been inactive for a number of days.

The SYNC Connect system (when activated) can be used to provide remote connectivity through the FordPass mobile phone application. It can monitor certain vehicle systems and carry out vehicle functions such as:

- reading the fuel level and odometer.
- receiving remote alerts and notifications.

- carrying out or scheduling remote starts (if enabled through the IPC).
- using the vehicle locator.
- vehicle lock/unlock control and vehicle lock/unlock status.

NOTE: *If vehicle battery voltage falls below the minimum required or the vehicle has been inactive beyond a designated time limit, the TCU turns off until the next engine running event to preserve battery power. The connected mobile device App reports a deep sleep mode if notifications are turned on. Refer to the mobile device App information to set notifications and for a list of disabled features when the vehicle is in deep sleep mode.*

Vehicle Wi-Fi Hotspot (if equipped)

The Wi-Fi hotspot feature allows up to 8 devices to connect to high speed internet access. The network name, password, enable/disable and other settings for the Wi-Fi Hotspot feature are accessed using the settings menu on the display unit.

NOTE: *If vehicle battery voltage falls below the minimum required or the vehicle has been inactive beyond a designated time limit, the TCU turns off until the next engine running event to preserve battery power. The connected mobile device App reports a deep sleep mode if notifications are turned on. Refer to the mobile device App information to set notifications and for a list of disabled features when the vehicle is in deep sleep mode.*

MyKey Audio Feature

NOTE: *Refer to the Owner Literature for additional details of the MyKey features.*

MyKey use can affect audio system functions.

The following MyKey audio effects are always present, regardless of administrator settings, when a MyKey is in use:

- When the seatbelts are not buckled, the audio system mutes and a message informs the driver to buckle up to unmute the audio.
- The satellite radio adult content channels are muted.

The following audio changes can be set by the MyKey administrator to occur when a MyKey is in use:

- The emergency assistance (911 Assist) can be set to always on and cannot be disabled by the MyKey driver.
 - Audio volume can be limited in various circumstances, including turning off speed compensated volume or reducing volume at higher vehicle speeds. The display notifies the MyKey driver when volume has is limited.
-

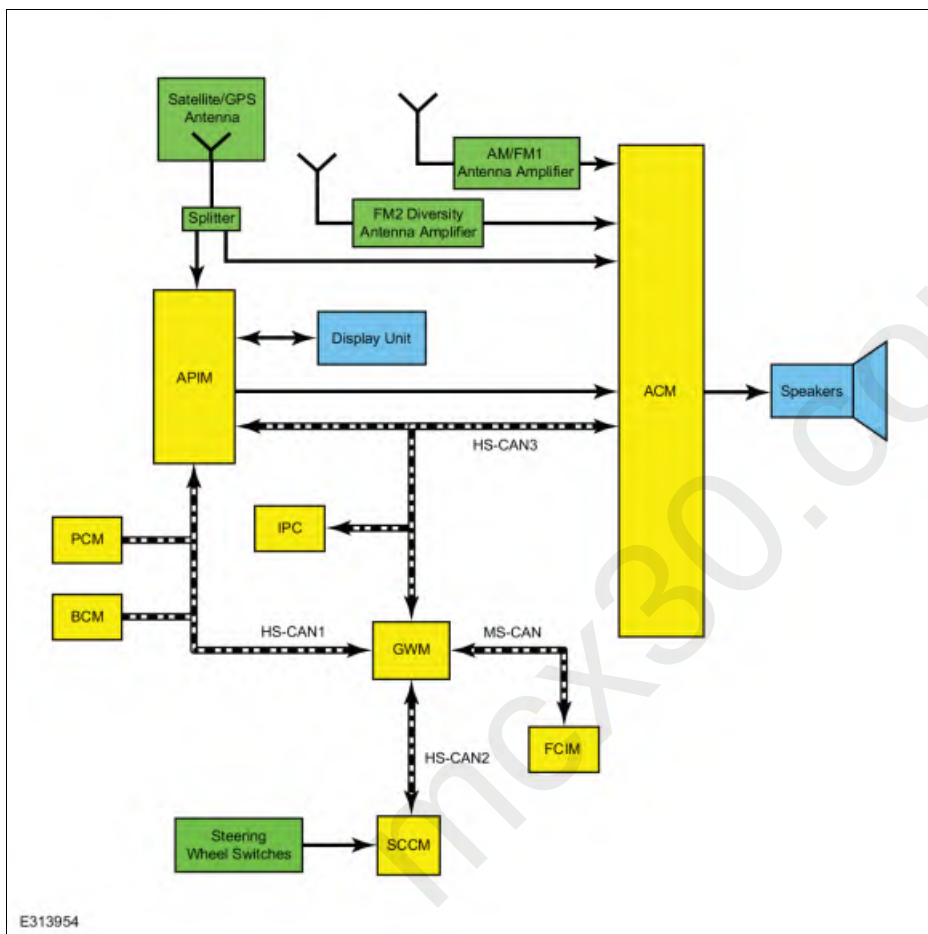
Information and Entertainment System - System Operation and Component Description

System Operation

System Diagram

NOTE: The system diagrams include all component options. Some components may not be equipped on the vehicle.

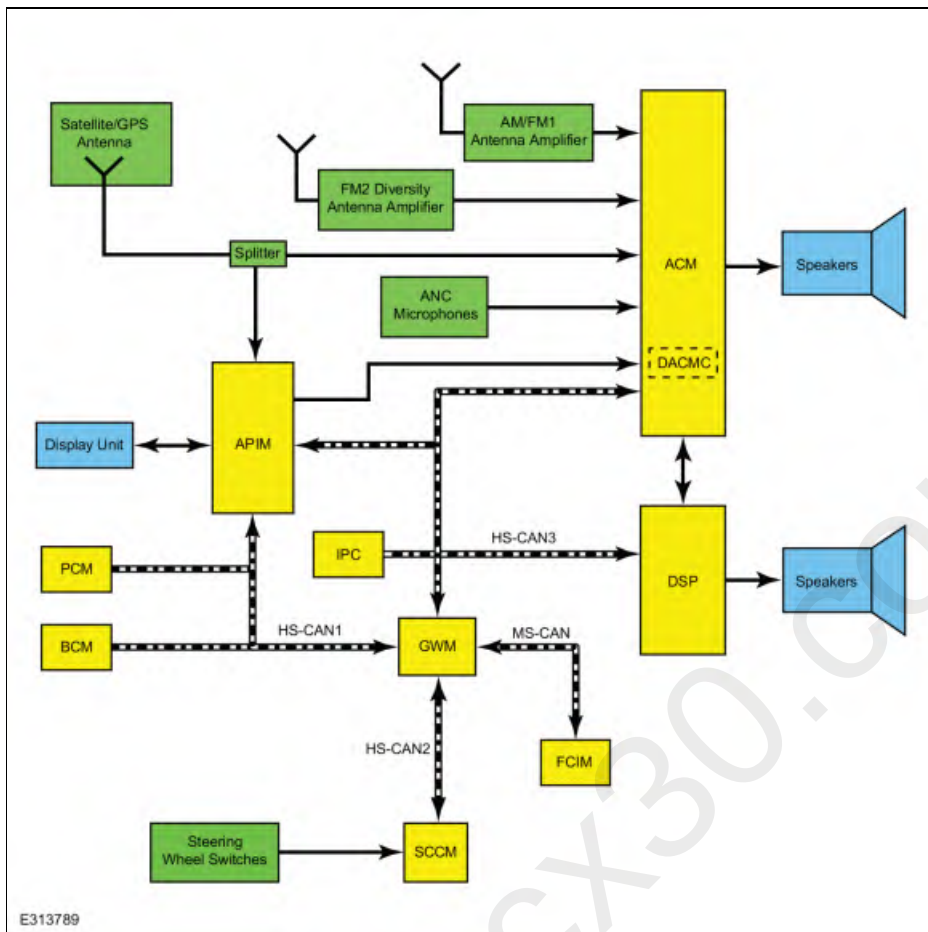
Audio System - 6 or 9 Speaker System



Item	Description
1	APIM
2	AM/ FM1 Antenna Amplifier
3	Steering Wheel Switches
4	Display Unit
5	SCCM
6	GWM
7	BCM
8	ACM
9	FCIM
10	Splitter
11	IPC
12	Satellite/GPS Antenna

13	Speakers
14	PCM
15	FM2 Diversity Antenna Amplifier

Audio System - 12 Speaker System: North America



Item	Description
1	APIM
2	Speakers
3	Display Unit
4	GWM
5	BCM
6	ACM
7	Splitter
8	FM2 Diversity Antenna Amplifier
9	Speakers
10	DSP
11	IPC
12	Satellite/GPS Antenna
13	FCIM
14	AM/ FM1 Antenna Amplifier
15	ANC Microphones
16	DACMC
17	PCM