

Refer to Audio System/Navigation - With Touchscreen/Without Sony for schematic and connector information.

### Normal Operation and Fault Conditions

REFER to: Information and Entertainment System - System Operation and Component Description . See SIRIUS Data Services and Media Hub.

### DTC Fault Trigger Conditions

| DTC      | Description                                    | Fault Trigger Conditions                                                                                                                                       |
|----------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B1A89:11 | Satellite Antenna: Circuit Short To Ground     | Set by the ACM when a short to ground is detected on the satellite radio coaxial cable for more than 1 second. This DTC can be either continuous or on-demand. |
| B1A89:13 | Satellite Antenna: Circuit Open                | Set by the ACM when an open is detected on the satellite radio coaxial cable for more than 250 milliseconds. This DTC can be either continuous or on-demand.   |
| U1A00:87 | Private Communication Network: Missing Message | Set by the APIM when messages are missing from the ACM on the SDL circuits.                                                                                    |

Removal of the map data SD card results in the loss of SIRIUS Data Services while the card is removed. This is normal operation.

### Possible Sources

- Map data SD card not present, not fully seated, or damaged
- Media hub
- Expired subscription
- Obstructions in the antenna's line of sight
- Incorrectly matched ESN
- Satellite radio antenna coaxial cable
- Satellite radio antenna
- Wiring, terminals, or connectors
- ACM
- APIM