

Information and Entertainment System - Speakers

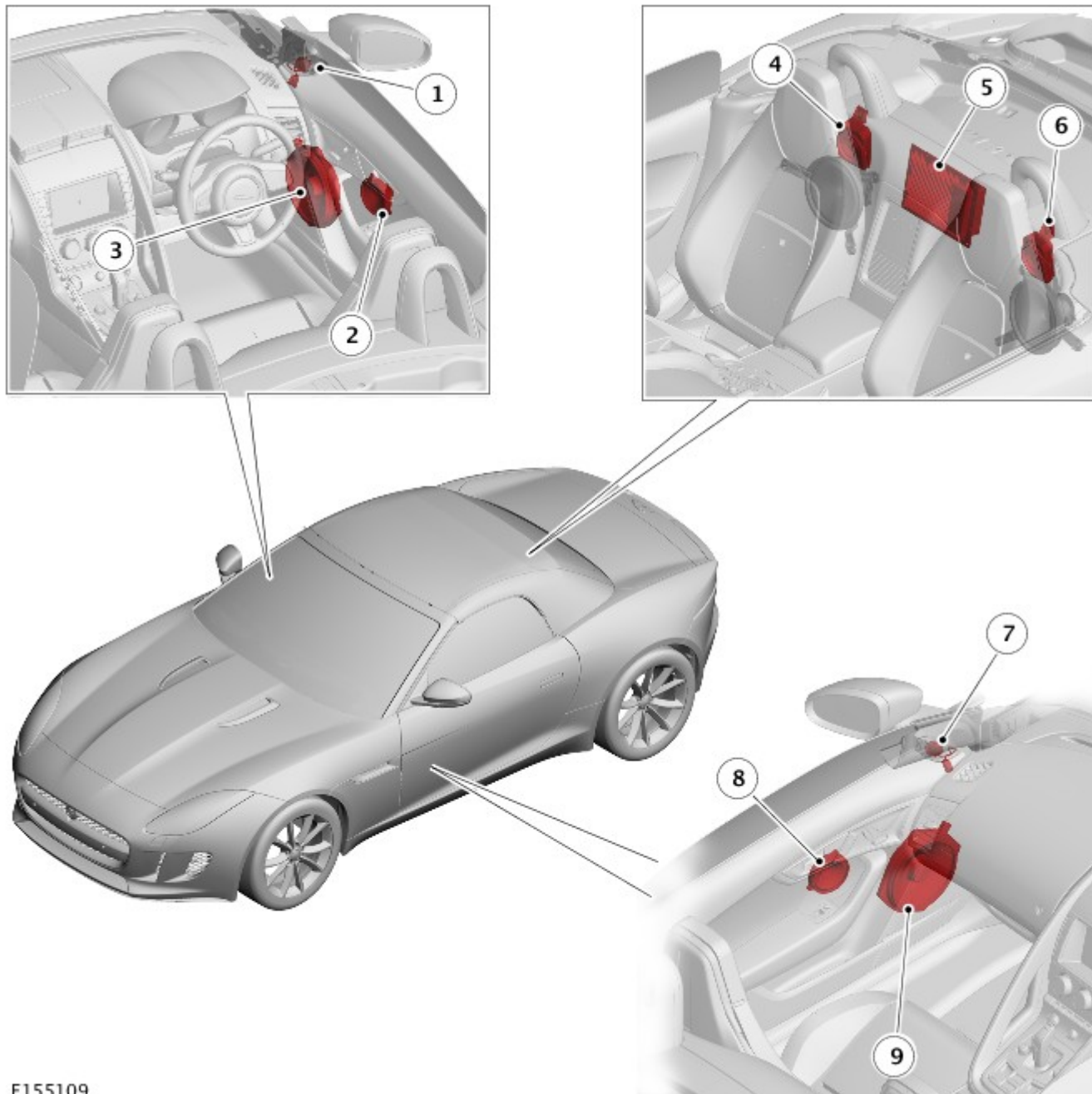
Description and Operation

COMPONENT LOCATION

Jaguar 180W Audio System



NOTE: Rear speakers only fitted if parking aid system fitted.

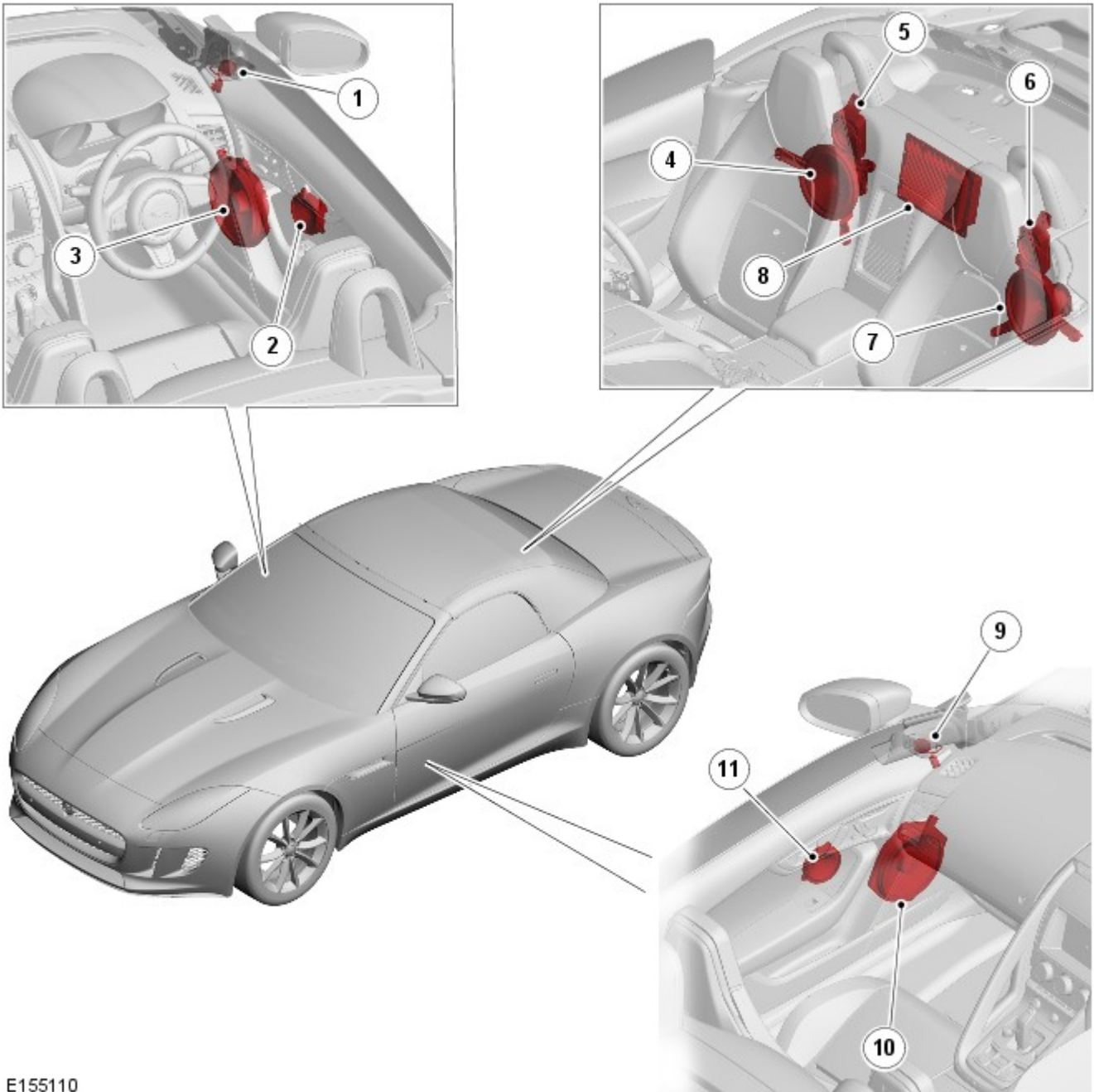


E155109

| Item | Description |
|------|------------------------------|
| 1 | Right Side Tweeter Speaker |
| 2 | Right Side Mid-Range Speaker |
| 3 | Right Side Bass Speaker |
| 4 | Right rear speaker |
| 5 | Audio Amplifier Module (AAM) |
| 6 | Left rear speaker |
| 7 | Left Side Tweeter Speaker |
| | |

| | |
|---|-----------------------------|
| 8 | Left Side Mid-Range Speaker |
| 9 | Left Side Bass Speaker |

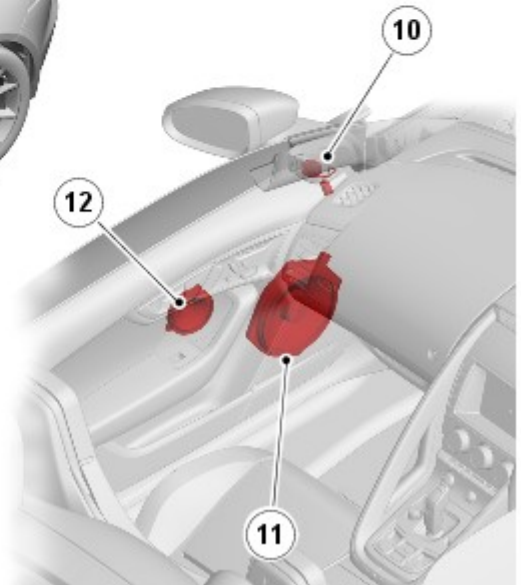
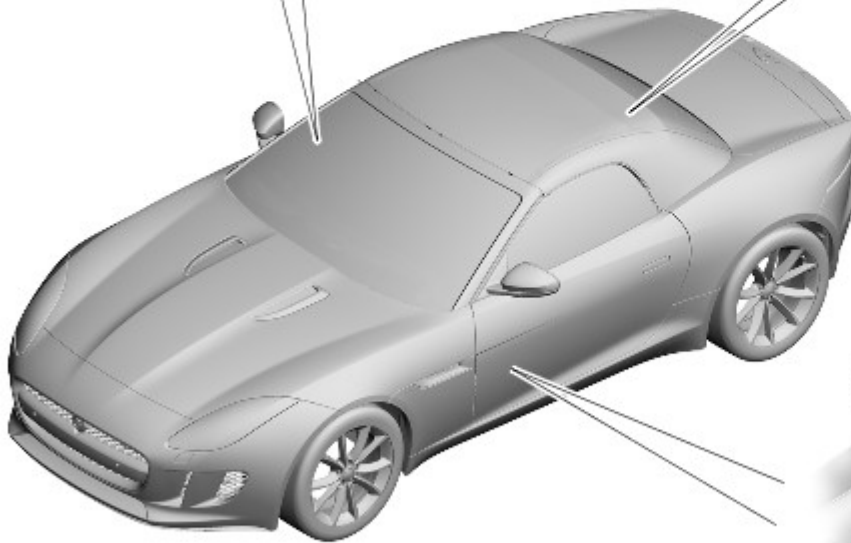
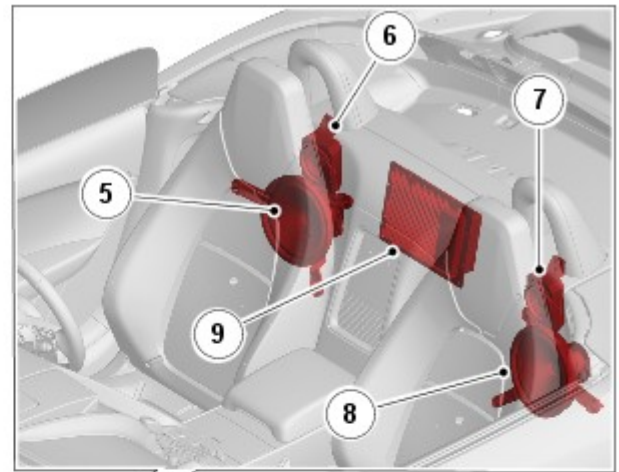
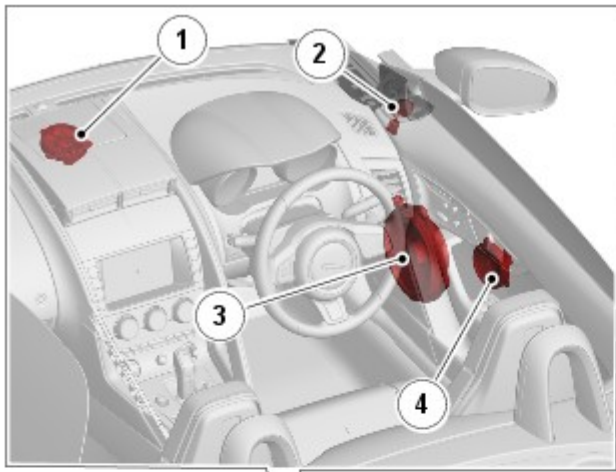
Meridian® 380W Audio System



E155110

| Item | Description |
|------|------------------------------|
| 1 | Right Side Tweeter Speaker |
| 2 | Right Side Mid-Range Speaker |
| 3 | Right Side Bass Speaker |
| 4 | Right Side Sub-Woofer |
| 5 | Right Rear Speaker |
| 6 | Left Rear Speaker |
| 7 | Left Side Sub-Woofer |
| 8 | Audio Amplifier Module (AAM) |
| 9 | Left Side Tweeter Speaker |
| 10 | Left Side Bass Speaker |
| 11 | Left Side Mid-Range Speaker |

Meridian® 770W Surround Audio System



E155111

| Item | Description |
|------|------------------------------|
| 1 | Center Coax Speaker |
| 2 | Right Side Tweeter Speaker |
| 3 | Right Side Bass Speaker |
| 4 | Right Side Mid-Range Speaker |
| 5 | Right Side Sub-Woofer |
| 6 | Right Rear Speaker |
| 7 | Left Rear Speaker |
| 8 | Left Side Sub-Woofer |
| 9 | Audio Amplifier Module (AAM) |
| 10 | Left Side Tweeter Speaker |
| 11 | Left Side Bass Speaker |
| 12 | Left Side Mid-Range Speaker |

OVERVIEW

The audio system is available in three versions:

Jaguar 180W Audio System

- 180W separate AAM (Audio Amplifier Module).
- 8 speakers.

Meridian® 380W Audio System

- 380W separate AAM.
- 10 speakers.

Meridian® 770W Surround Audio System

- 770W separate AAM.
- 12 speakers.

The audio systems are powered by an AAM located behind the passenger compartment rear trim. The AAM is controlled by the IAM (Integrated Audio Module) on the MOST (Media Oriented System Transport) ring. The speakers are hard wired to the AAM.

DESCRIPTION

Jaguar 180W Audio System

The system comprises of:

- 2 Tweeters – One tweeter located in each door.
- 2 Mid-Range Speakers – One mid-range speaker located in each door.
- 2 Bass Speakers – Each Bass Speaker is 200W, one Bass Speaker located in each door.
- 2 Rear Speakers – Both located behind the passenger compartment rear trim (for vehicles with parking aid system only)

Meridian® 380W Audio System

The system comprises of:

- 2 Tweeters – One tweeter located in each door.
- 2 Mid-Range Speakers – One mid-range speaker located in each door.
- 2 Bass Speakers – One bass speaker is located in each door.
- 2 Rear Speakers – Both rear speakers located behind the passenger compartment rear trim.
- 2 Sub-Woofer – Both sub-woofers located behind the passenger compartment rear trim.

Meridian® 770W Surround Audio System

The system comprises of:

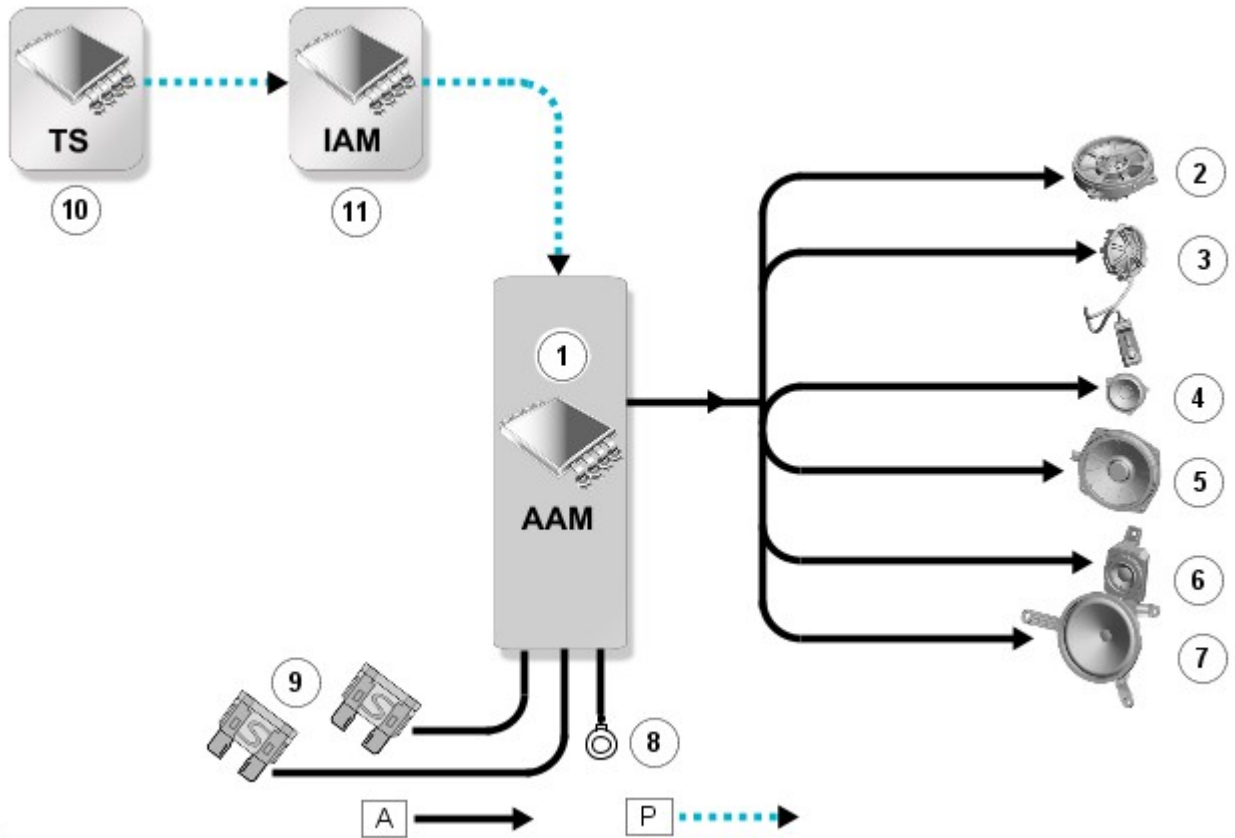
- 1 Co-Axial Speaker – Co-Axial Speaker is located in the central position of the instrument panel.
- 2 Tweeters – One tweeter located in each door.
- 2 Mid-Range Speakers – One mid-range speaker located in each door.
- 2 Bass Speakers – One bass speaker is located in each door.
- 2 Rear Speakers – Both rear speakers are located behind the passenger compartment rear trim.
- 2 Sub-Woofer – Both sub-woofers located behind the passenger compartment rear trim.

OPERATION

All vehicle speakers are powered by the audio amplifier module, located behind the passenger compartment rear trim. The speakers are hardwired to the amplifier.

Audio signals for the audio output originate from various audio sources and are passed to the AAM on the MOST ring. The AAM is available in three outputs depending on vehicle specification; 180W, 380W and 770W.

INPUT/OUTPUT DIAGRAM



E155112

A = Hardwired; P = MOST (Media Orineted System Transport) Line

| Item | Description |
|------|-------------------------------|
| 1 | Audio Amplifier Module (AAM) |
| 2 | Co-Axial Speaker |
| 3 | Tweeter Speaker (2 of) |
| 4 | Mid-range speaker (2 of) |
| 5 | Bass Speaker (2 of) |
| 6 | Rear Speaker (2 of) |
| 7 | Sub-woofer (2 of) |
| 8 | Ground |
| 9 | Power Supply |
| 10 | Touch Screen (TS) |
| 11 | Integrated Audio Module (IAM) |