

Published: 11-May-2011

Antenna -

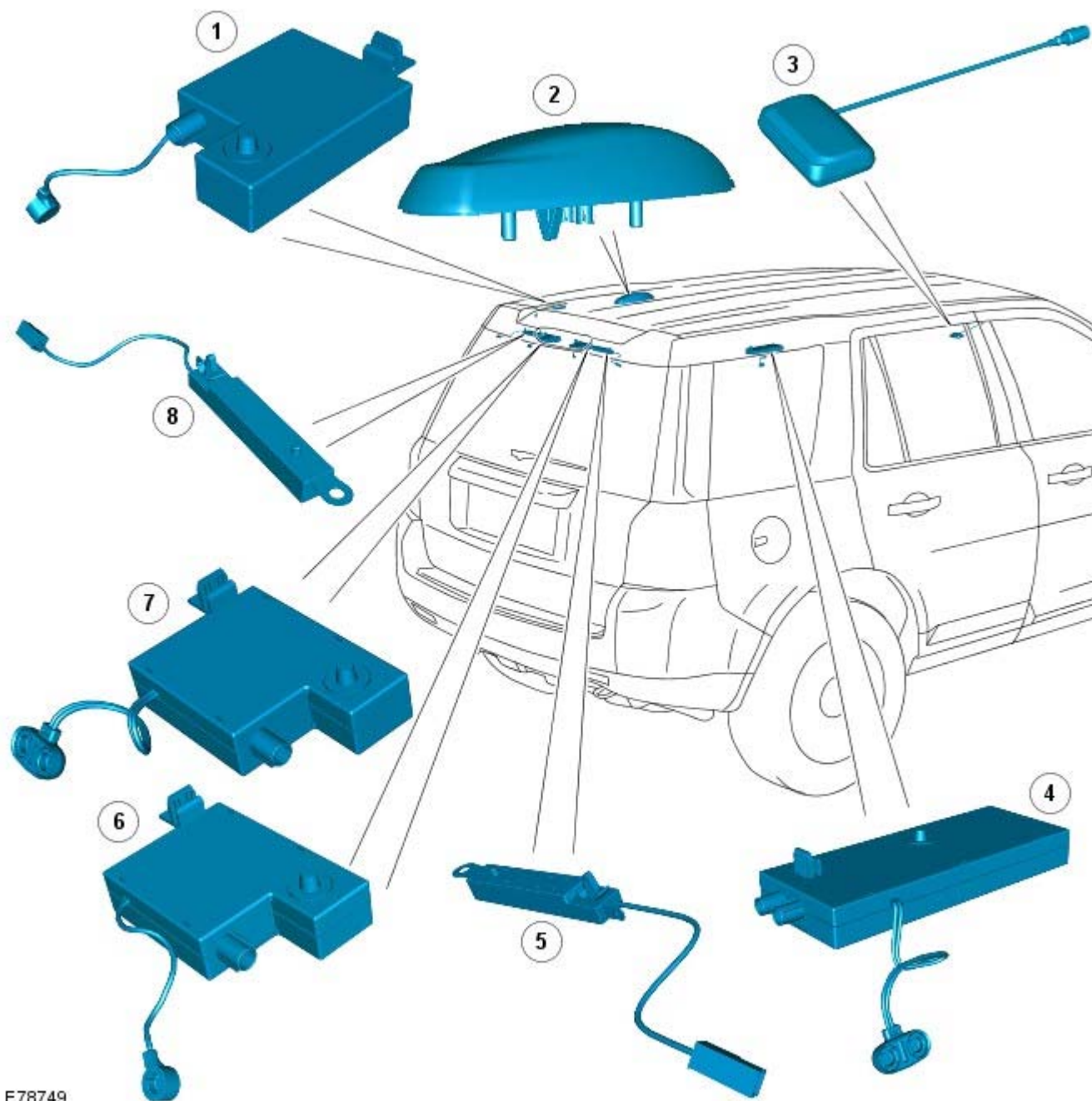
Torque Specifications

Description	Nm	lb-ft
Audio unit antenna	10	7
Cellular phone antenna	10	7

Part Number
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 Description and Operation

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COMPONENT LOCATION



E78749

Item	Part Number	Description
1	-	DAB band III amplifier (where fitted)
2	-	GPS/SDARS/DAB L band antenna pod
3	-	VICS beacon antenna
4	-	AM/FM antenna amplifier (non diversity system) or AM/FM diversity antenna amplifier
5	-	RH RF filter
6	-	VICS/TMC antenna amp
7	-	Twin FM antenna amp for diversity tuning
8	-	LH RF filter

OVERVIEW

The antenna systems fitted to the vehicle comprise:

- AM/FM screen mounted antennae or AM/FM diversity system
- FM diversity antenna
- GPS antenna (where fitted)
- SDARS antenna (NAS only) (NAS only, roof pod mounted) or DAB antenna (where fitted, roof pod)
- VICS beacon antenna (Japan only)
- Digital Audio Broadcasting (DAB) system antenna (side screen or roof pod mounted depending on system)

The AM/FM antenna is etched onto the RH side window glass. The antenna has an amplifier located just above the window. This amplifier will vary upon the entertainment and information system fitted to the vehicle. High line systems will have a larger amplifier for diversity tuning.

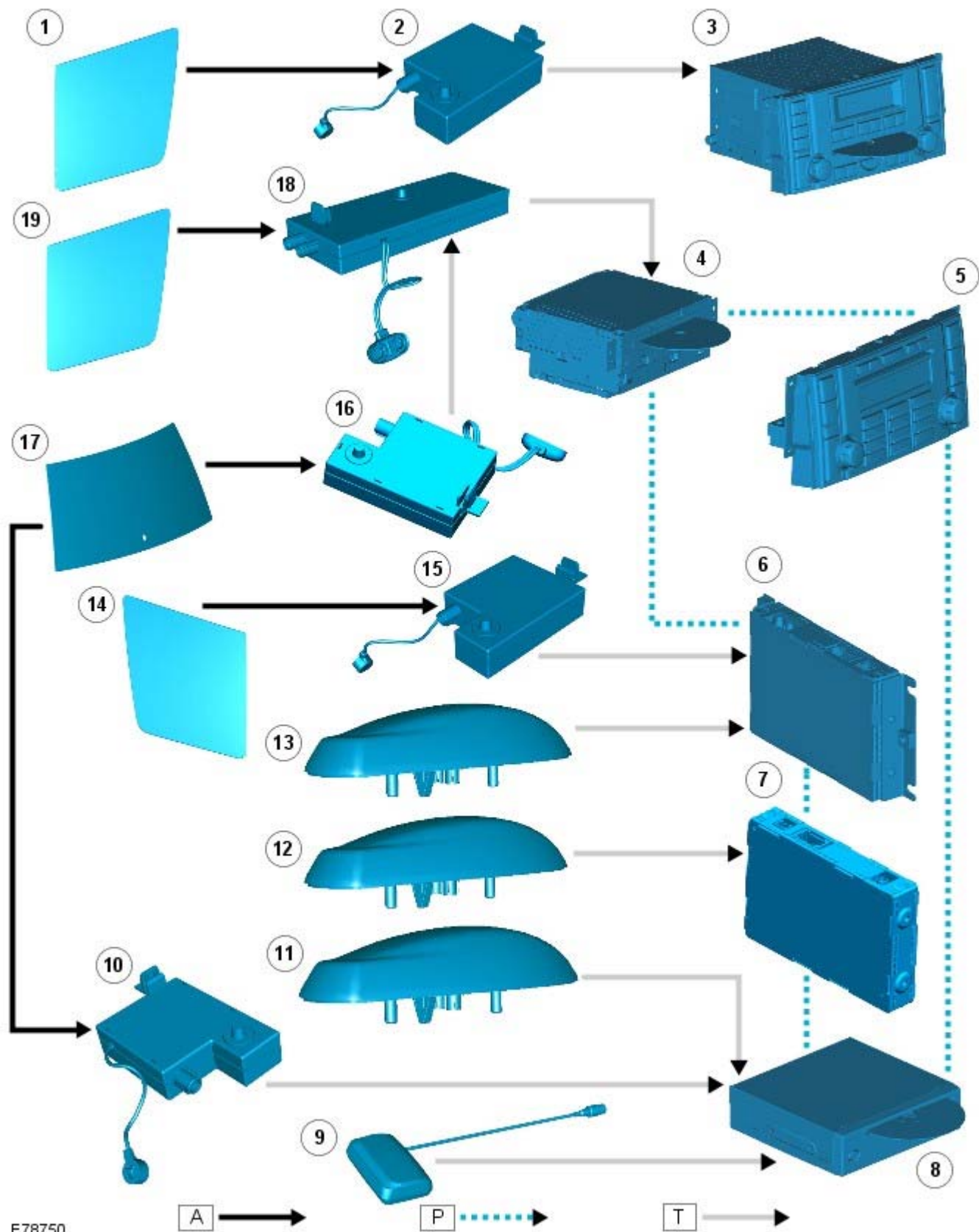
The rear window incorporates 2 FM antennae and a VICS/TMC antenna etched onto the glass. The 2 FM antennae are used in the diversity tuning system along with the respective antenna amplifiers.

The LH side window antenna is used for DAB band III signal reception.

NOTE: The telephone control module incorporates a Bluetooth antenna. This is integral to the module and as such is not serviceable.

CONTROL DIAGRAM

NOTE: **A** = Hardwired; **P** = MOST; **T** = CoAxial



Item		Description
1		Rear RH screen AM/FM antenna
2		AM/FM antenna amplifier
3		Low line head unit
4		Integrated audio module
5		ICM
6		DAB tuner
7		SDARS tuner

8		Navigation computer
9		VICS beacon antenna
10		TMC antenna amplifier
11		GPS antenna
12		SDARS antenna
13		DAB L band antenna
14		Rear LH side screen DAB antenna
15		DAB antenna amplifier
16		Diversity antenna amplifier
17		Rear screen FM antenna
18		Diversity antenna amplifier
19		Rear RH screen AM/FM antenna

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Diagnosis and Testing

For additional information.

REFER to: [Information and Entertainment System](#) (415-01 Information and Entertainment System, Diagnosis and Testing).