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2020.0 DEFENDER (LE), 501-20B

SUPPLEMENTARY RESTRAINT SYSTEM

**AIRBAG AND SAFETY BELT PRETENSIONER
SUPPLEMENTAL RESTRAINT SYSTEM - [+]
VEHICLES WITH 2ND / 3RD ROW SEATS** (G2342584)

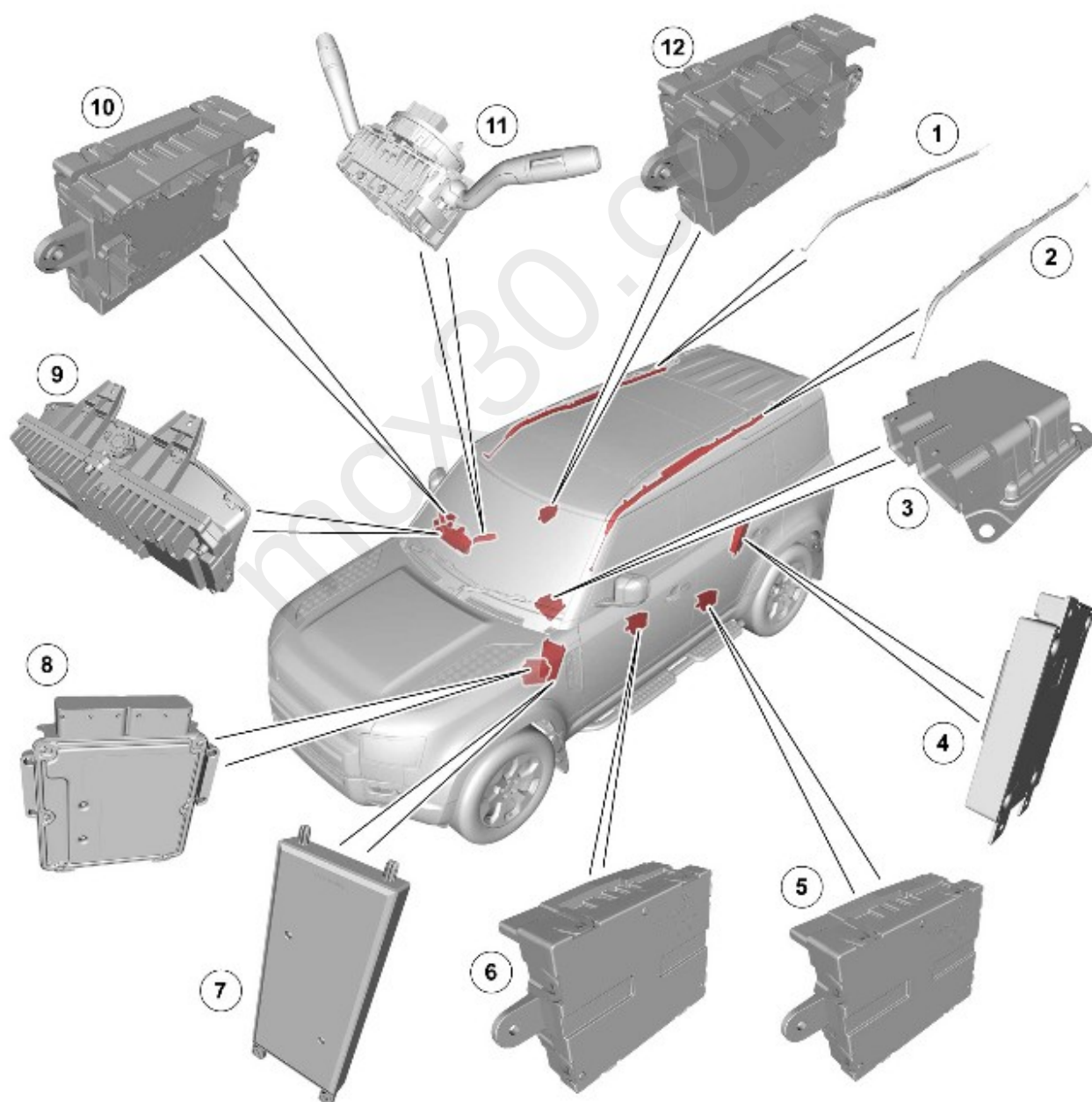
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COMPONENT LOCATION

COMPONENT LOCATION - 1 OF 6 - ALL MARKET EXCEPT NORTH AMERICAN SPECIFICATION VEHICLES

 NOTES:

- Right Hand Drive (RHD) vehicle is shown, Left Hand Drive (LHD) vehicle is similar.
- Vehicle with 5 doors is shown, vehicle with 3 doors is similar.



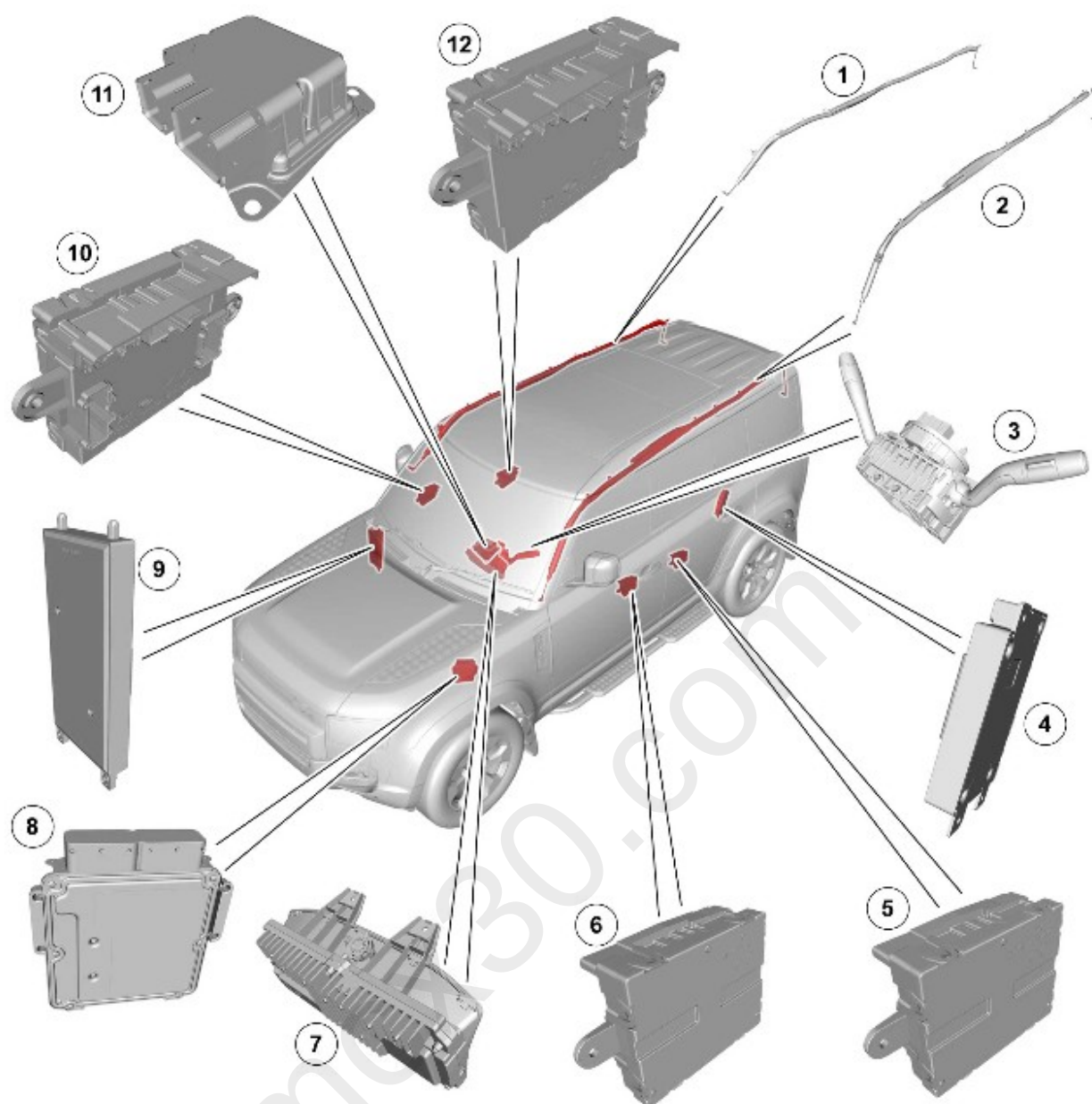
ITEM	DESCRIPTION
1	Side air curtain - Right
2	Side air curtain - Left
3	Restraints Control Module (RCM)
4	Telematics Control Module (TCU)
5	Passenger Rear Door Module (PRDM)
6	Passenger Door Control Module (PDM)
7	Body Control Module (BCM)/ Gateway Control Module (GWM)
8	Powertrain Control Module (PCM)
9	Instrument Panel Cluster (IPC)
10	Driver Door Control Module (DDM)
11	Steering Wheel Control Module (SWM)
12	Driver Rear Door Module (DRDM)

COMPONENT LOCATION - 2 OF 6 - NORTH AMERICAN SPECIFICATION VEHICLES



NOTE:

Vehicle with 5 doors is shown, vehicle with 3 doors is similar.

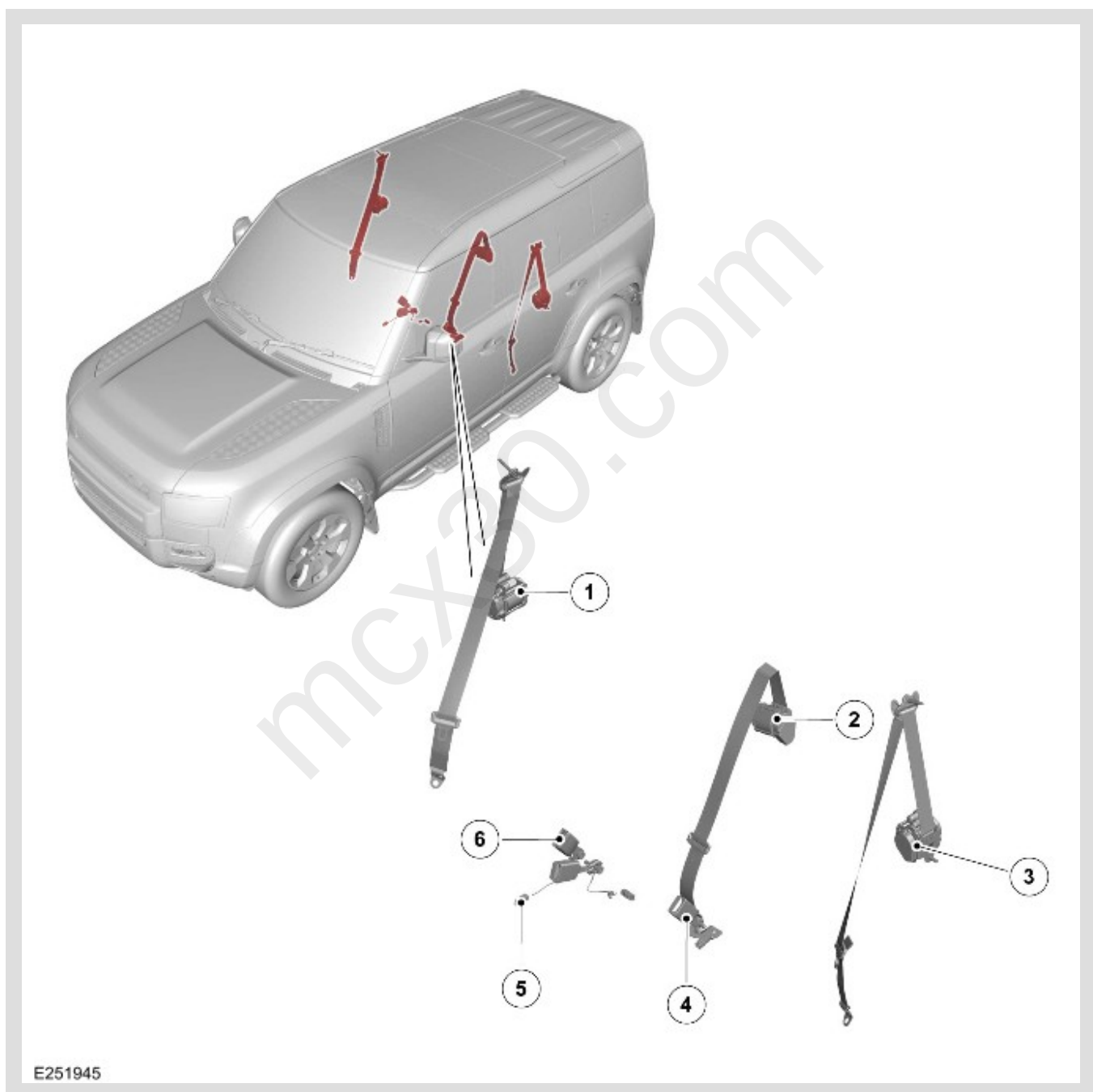


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ITEM	DESCRIPTION
1	Side air curtain - Right
2	Side air curtain - Left
3	SWM
4	TCU
5	DRDM
6	DDM
7	IPC
8	PCM

ITEM	DESCRIPTION
9	BCM/ GWM
10	PDM
11	RCM
12	PRDM

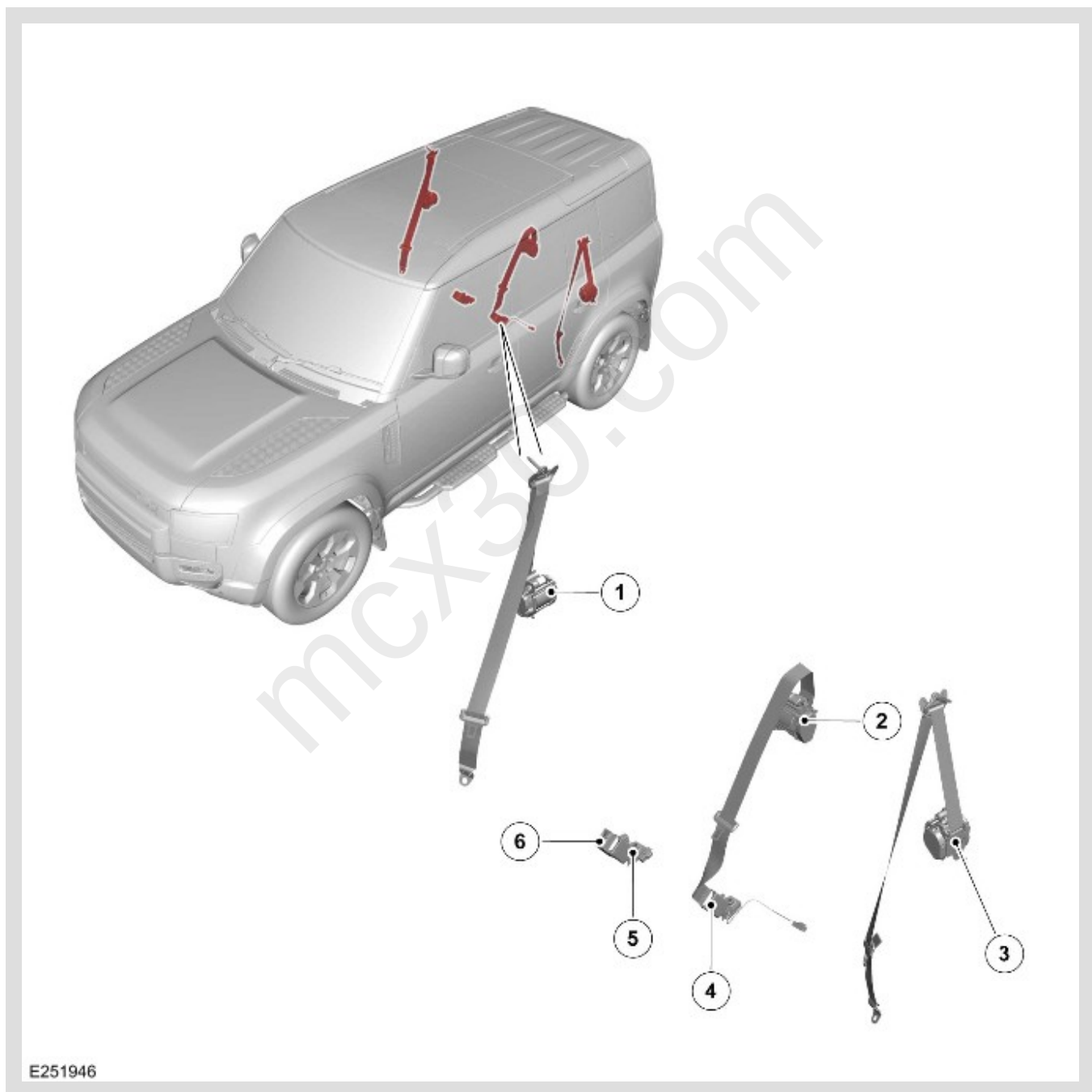
COMPONENT LOCATION - 3 OF 6 - THE SECOND ROW MOVEABLE SEAT WITH 5 DOORS



ITEM	DESCRIPTION
1	Second row seatbelt retractor pretensioner - Right
2	Second row seatbelt retractor - Center

ITEM	DESCRIPTION
3	Second row seatbelt retractor pretensioner - Left
4	Second row seatbelt buckle - Left
5	Second row seatbelt buckle - Center
6	Second row seatbelt buckle - Right

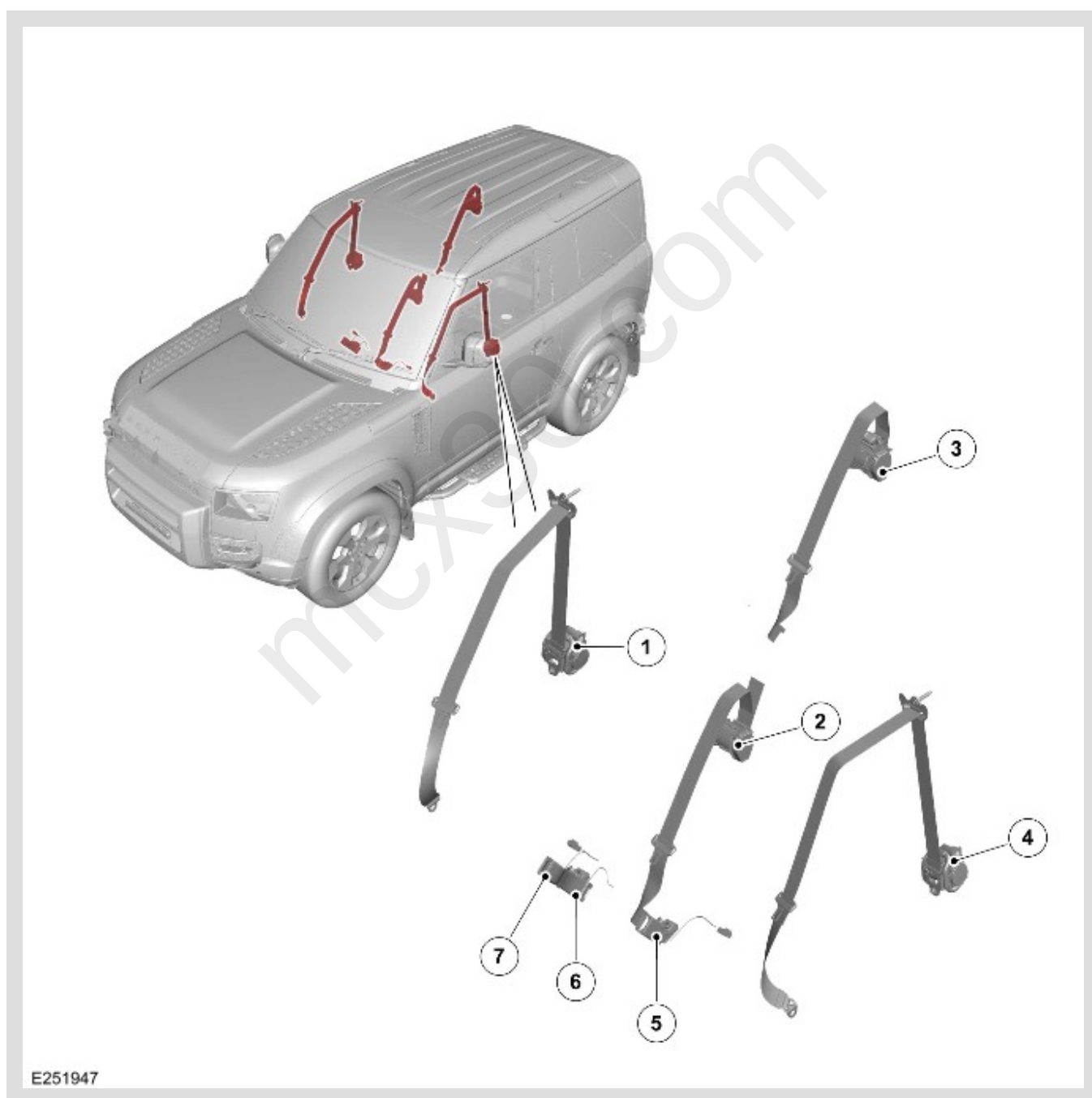
COMPONENT LOCATION - 4 OF 6 - SEATBELT RETRACTOR PRETENSIONER OF THE SECOND ROW FIXED SEAT WITH 5 DOORS - 6 SEAT



ITEM	DESCRIPTION
1	Second row seatbelt retractor pretensioner - Right

ITEM	DESCRIPTION
2	Second row seatbelt retractor - Center
3	Second row seatbelt retractor pretensioner - Left
4	Second row seatbelt buckle - Left
5	Second row seatbelt buckle - Center
6	Second row seatbelt buckle - Right

COMPONENT LOCATION - 5 OF 6 - SEATBELT RETRACTOR PRETENSIONER OF THE SECOND ROW FIXED SEAT WITH 3 DOORS



ITEM	DESCRIPTION
1	Second row seatbelt retractor pretensioner - Right
2	Second row seatbelt retractor without pretensioner - Center
3	Second row seatbelt retractor pretensioner- Center (6 seat)
4	Second row seatbelt retractor pretensioner - Left
5	Second row seatbelt buckle - Left
6	Second row seatbelt buckle - Center
7	Second row seatbelt buckle - Right

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COMPONENT LOCATION - 6 OF 6 - THIRD ROW SEATBELT RETRACTOR PRETENSIONER



ITEM	DESCRIPTION
1	Third row seatbelt retractor pretensioner - Right
2	Third row seatbelt retractor pretensioner - Left
3	Third row seatbelt buckle - Left
4	Third row seatbelt buckle - Right

OVERVIEW

The Supplementary Restraint System (SRS) provides additional protection for vehicle occupants in certain impact conditions by selective activation of the following airbags:

- Driver and passenger airbags
- Side airbags
- Side air curtains
- Seatbelt pretensioners.

Operation of the system is controlled by the RCM.

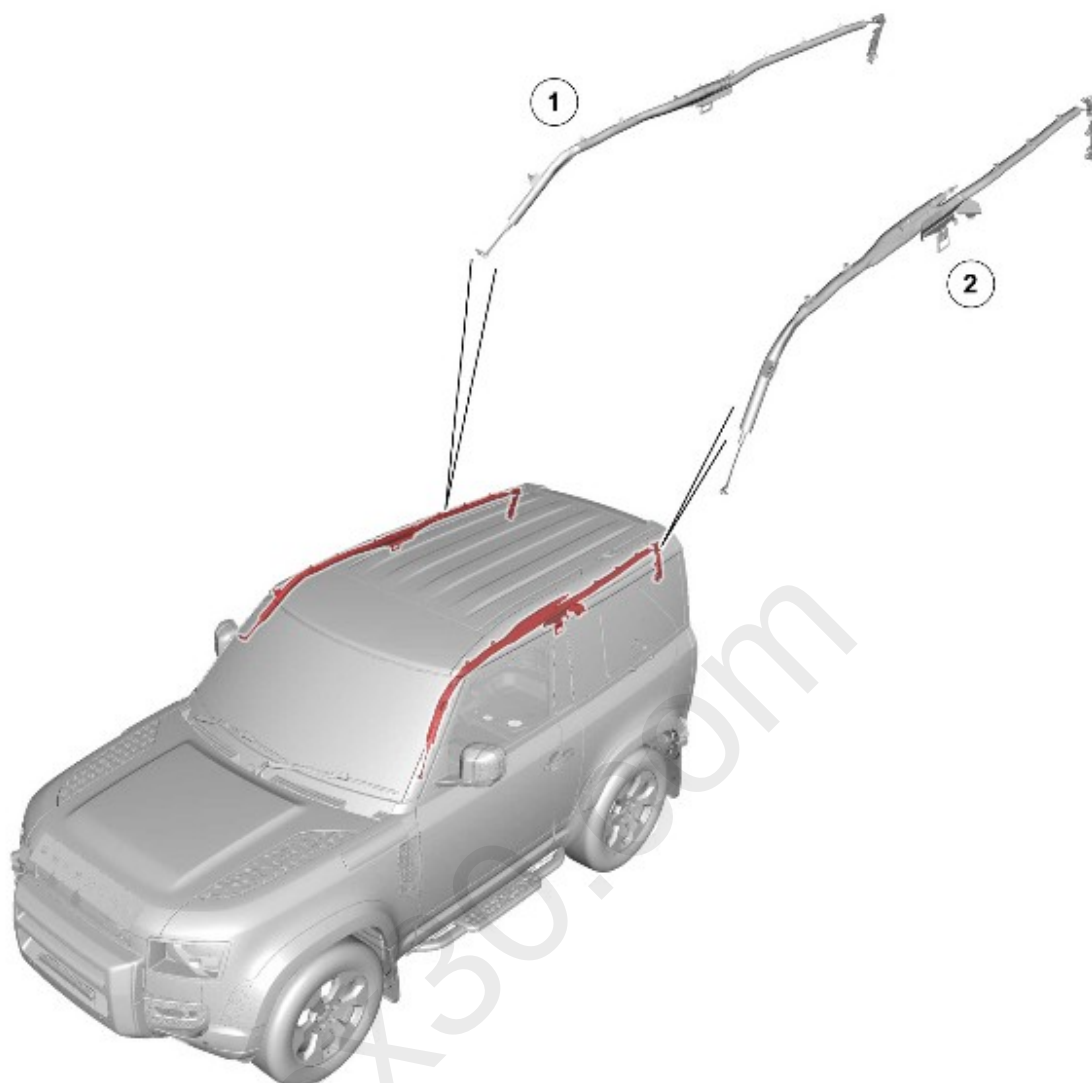
For additional information, refer to: [Seatbelt System](#) (501-20A Seatbelt System, Description and Operation).

For additional information, refer to: [Airbag and Safety Belt Pretensioner Supplemental Restraint System - \[+\] Front Row Seats Only](#) (501-20B Supplementary Restraint System, Description and Operation).

DESCRIPTION

SIDE AIR CURTAINS

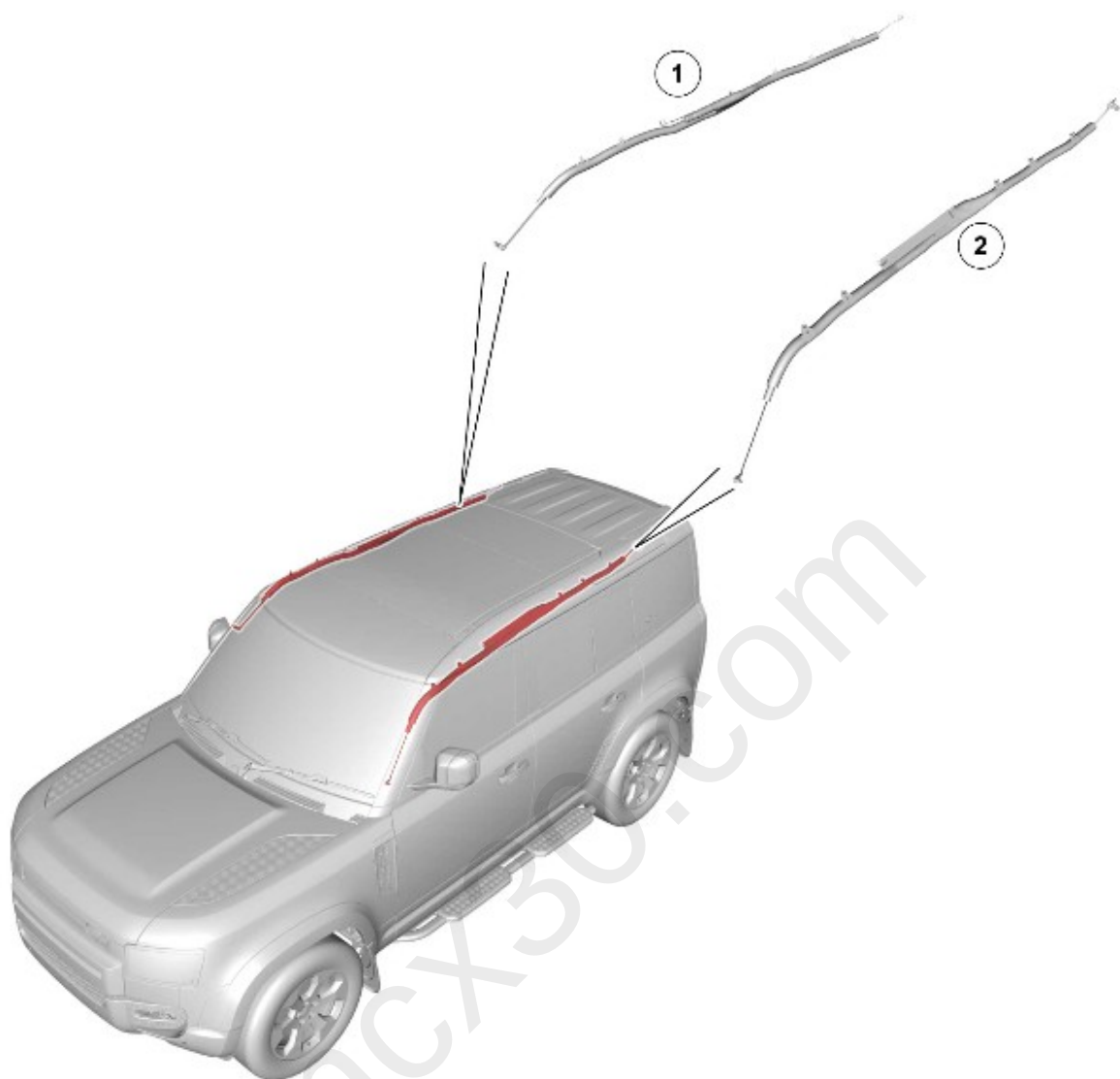
Vehicle with 3 doors



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ITEM	DESCRIPTION
1	Side air curtain - Right
2	Side air curtain - Left

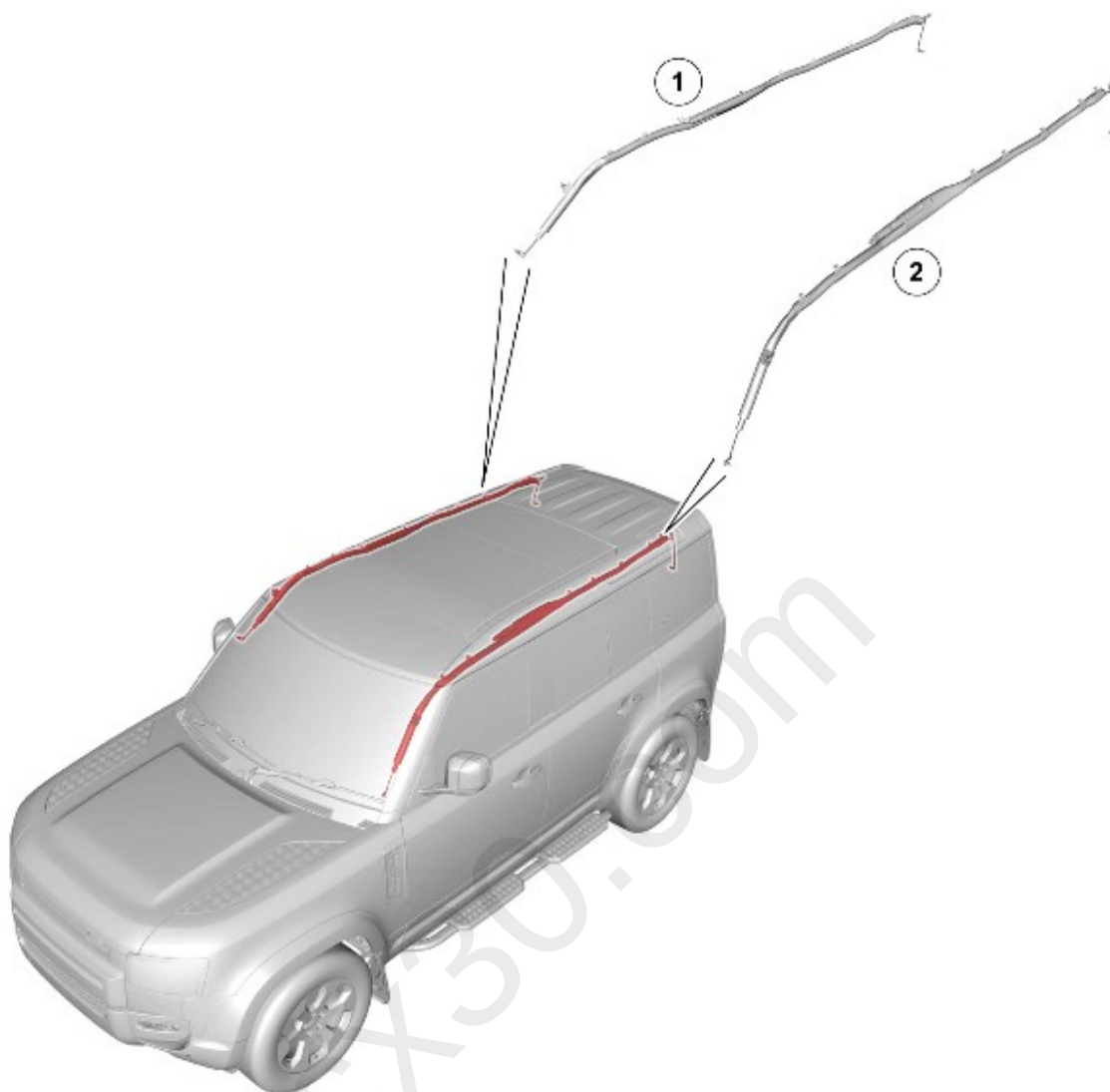
Vehicle with 5 doors - All market except North American Specification



E251888

ITEM	DESCRIPTION
1	Side air curtain - Right
2	Side air curtain - Left

Vehicle with 5 doors - North American Specification Vehicles



E251889

ITEM	DESCRIPTION
1	Side air curtain - Right
2	Side air curtain - Left

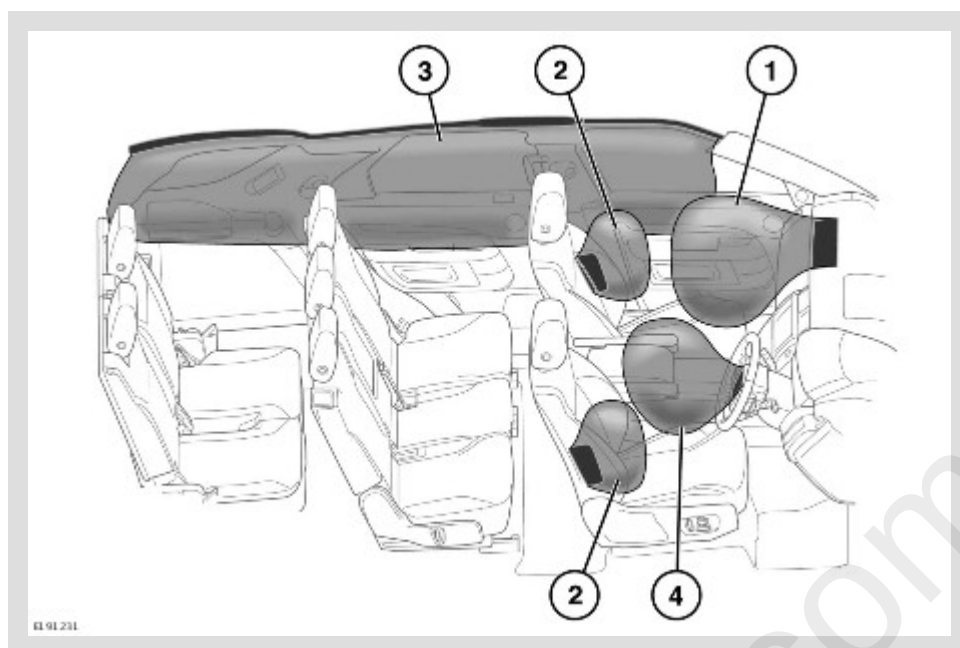
The side air curtains are installed along both sides of the vehicle, under the edges of the headliner. The side air curtains provide head protection and roll-over ejection protection for outside seat occupants. The side air curtains are operated during a side impact occurs.

The front and rear ends of the side air curtains are anchored to the body. Their deployment area extends between the A-pillar and D-pillar trims, passing over the upper B-pillar and C-pillar trim.

Airbag location

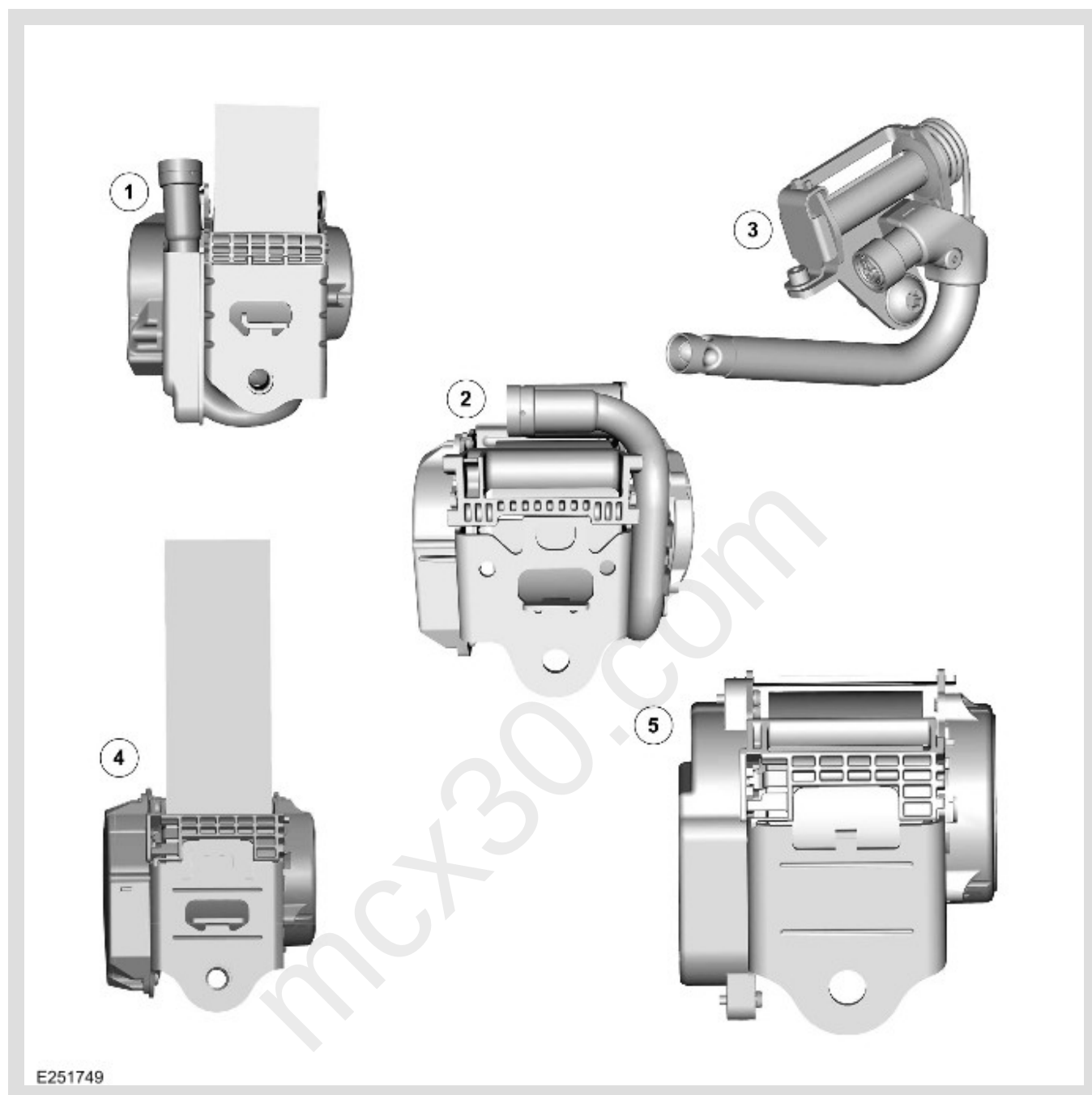
 NOTES:

- Vehicle with 5 doors is shown, vehicle with 3 doors is similar.
- RHD vehicle is shown, LHD vehicle is similar.



ITEM	DESCRIPTION
1	Front passenger airbag
2	Front seat side airbag (quantity 2)
3	Curtain airbag (quantity 2)
4	Driver airbag

SEATBELT RETRACTOR PRETENSIONERS



ITEM	DESCRIPTION
1	Retractor pretensioner - Front row outer
2	Retractor pretensioner - Front row center, second row outer, second row center and third row outer - 7 seat
3	Seatbelt pretensioner - NAS only
4	Retractor pretensioner - Second row bench central - 5 seat
5	Retractor pretensioner - Second row bench central - 7 seat

All of the seatbelt retractor pretensioners incorporate an emergency locking function and a load limiter function. On NAS vehicles, the retractors of the front passenger and rear seatbelts also incorporate an automatic locking function.

For additional information, refer to: [Seatbelt System](#) (501-20A Seatbelt System, Description and Operation).

OPERATION

For additional information, refer to: [Airbag and Safety Belt Pretensioner Supplemental Restraint System - \[+\] Front Row Seats Only](#) (501-20B Supplementary Restraint System, Description and Operation).

DIAGNOSTICS

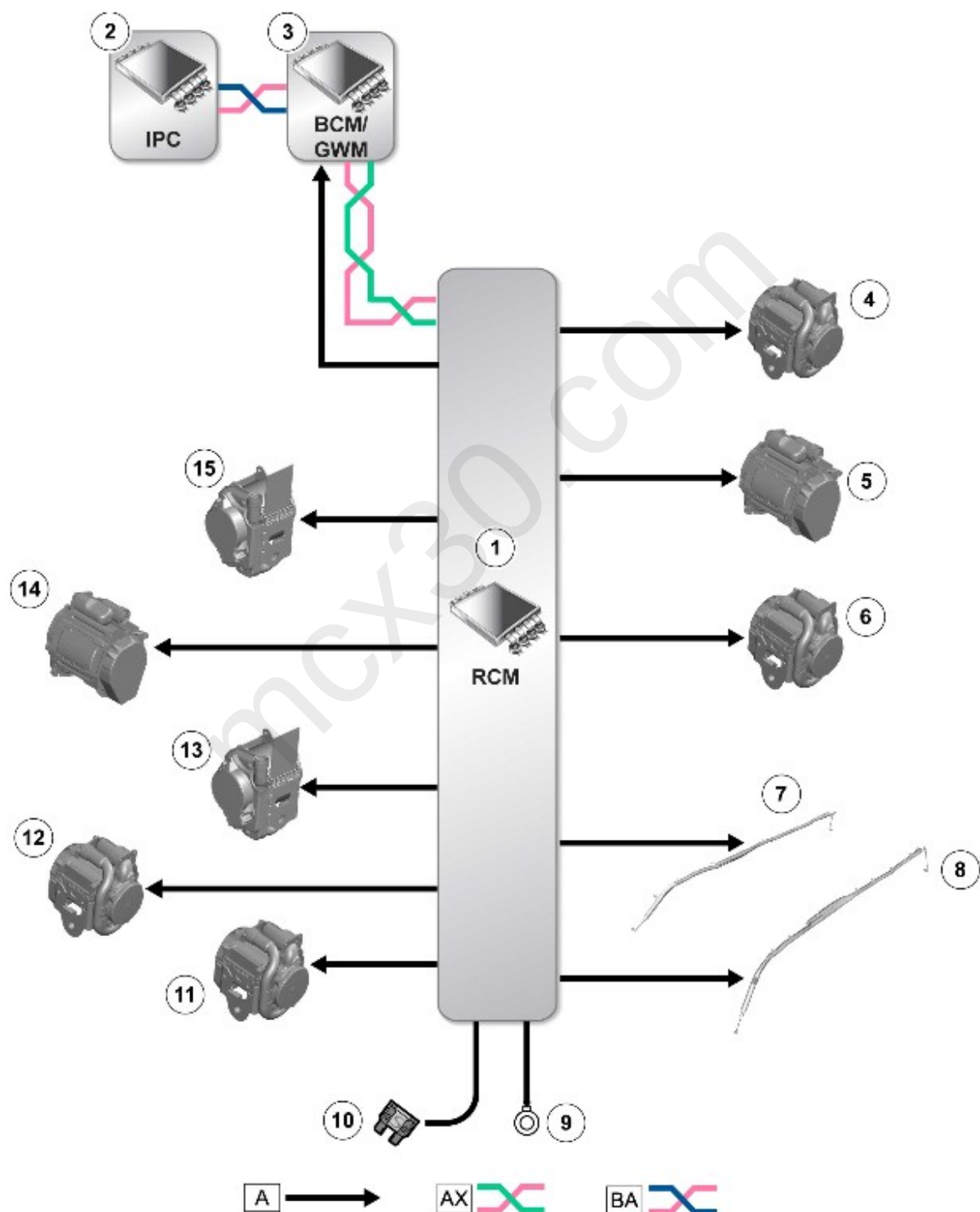
The RCM records any Diagnostic Trouble Code (DTC)s and related data. Read the DTCs and related data with the Jaguar Land Rover (JLR) approved diagnostic equipment.

The JLR approved diagnostic equipment enables certain components to be activated and also live data to be read.

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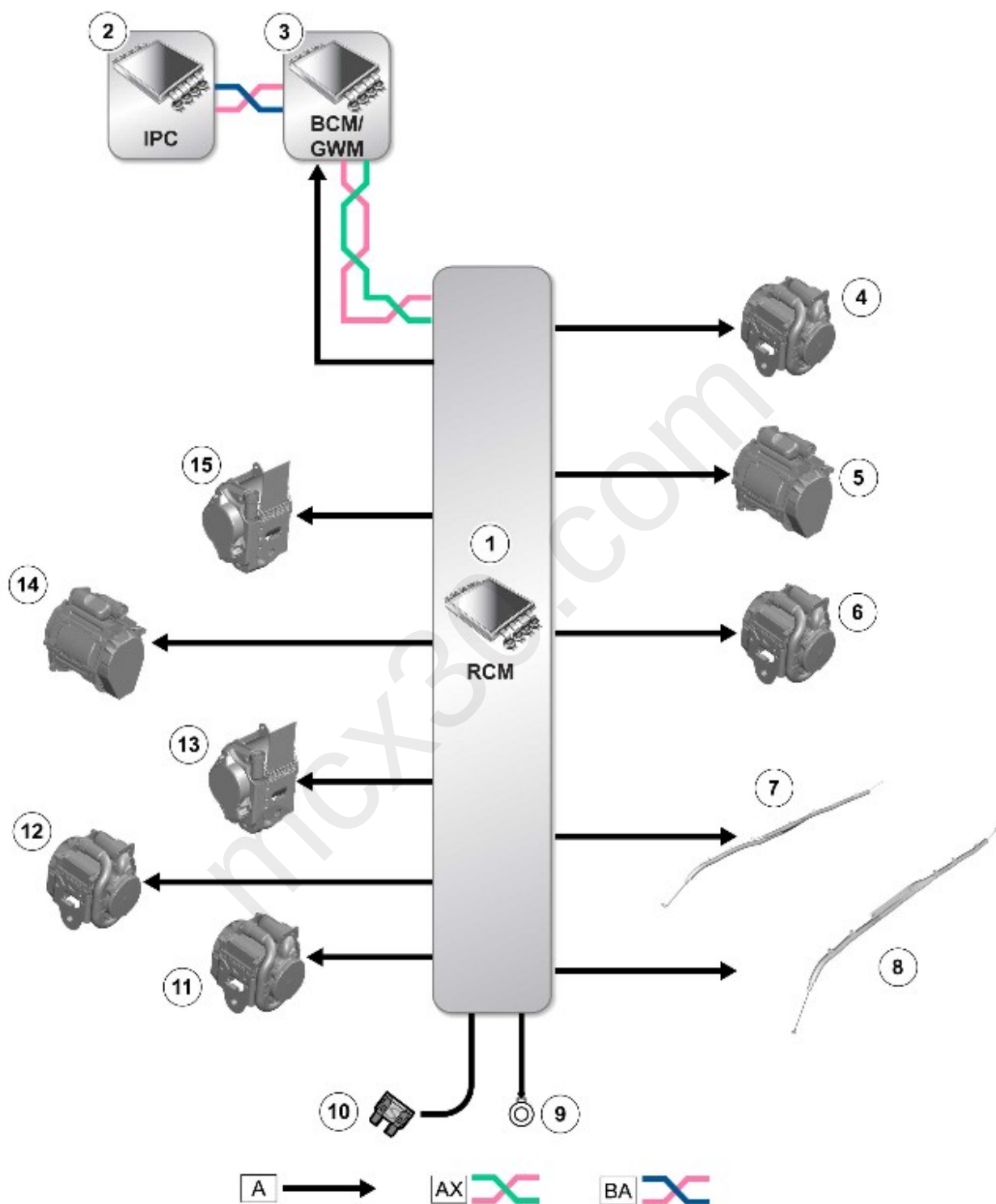
CONTROL DIAGRAM

CONTROL DIAGRAM - 1 OF 2 - NORTH AMERICAN SPECIFICATION VEHICLES



A = HARDWIRED: AX = FLEXRAY: BA = HIGH SPEED (HS) CONTROLLER AREA NETWORK (CAN) HUMAN MACHINE INTERFACE (HMI) SYSTEM BUS.

ITEM	DESCRIPTION
1	RCM
2	IPC
3	BCM/ GWM
4	Second row seatbelt retractor pretensioner - Right
5	Second row seatbelt retractor pretensioner - Center
6	Second row seatbelt retractor pretensioner - Left
7	Side air curtain - Right
8	Side air curtain - Left
9	Ground
10	Power supply
11	Third row seatbelt retractor pretensioner - Right
12	Third row seatbelt retractor pretensioner - Left
13	Front row seatbelt retractor pretensioner - Right
14	Front row seatbelt retractor pretensioner - Center
15	Front row seatbelt retractor pretensioner - Left



A = HARDWIRED: AX = FLEXRAY: BA = HS CAN HMI SYSTEM BUS.

ITEM	DESCRIPTION
1	RCM
2	IPC
3	BCM/ GWM
4	Second row seatbelt retractor pretensioner - Right
5	Second row seatbelt retractor pretensioner - Center
6	Second row seatbelt retractor pretensioner - Left
7	Side air curtain - Right
8	Side air curtain - Left
9	Ground
10	Power supply
11	Third row seatbelt retractor pretensioner - Right
12	Third row seatbelt retractor pretensioner - Left
13	Front row seatbelt retractor pretensioner - Right
14	Front row seatbelt retractor pretensioner - Center
15	Front row seatbelt retractor pretensioner - Left