

FRONT FOOTWELL AIR DISTRIBUTION DUCT: REMOVAL - REFITTING

Locations and specifications (tightening torques, parts to always be replaced, etc.)[\(see 61A, Heating, Air distribution circuit assembly: Exploded view\)](#) .

REMOVAL

1. REMOVAL PREPARATION OPERATION

1- LEFT-HAND SIDE

- Remove the dashboard lower trim[Dashboard assembly: Exploded view](#) .

2- RIGHT-HAND SIDE

- Remove the glovebox[Dashboard assembly: Exploded view](#) .

2. REMOVAL OPERATION

- Remove [\(see 61A, Heating, Air distribution circuit assembly: Exploded view\)](#) :
 - the bolt of the front footwell air distribution duct,
 - the front footwell air distribution duct.

REFITTING

- Proceed in reverse order to removal.



Repair-30x02x01x37-01x37-1-20-1.xml



XSL version : 3.02 du 22/07/11

FRONTHALF-UNIT:REPLACEMENT

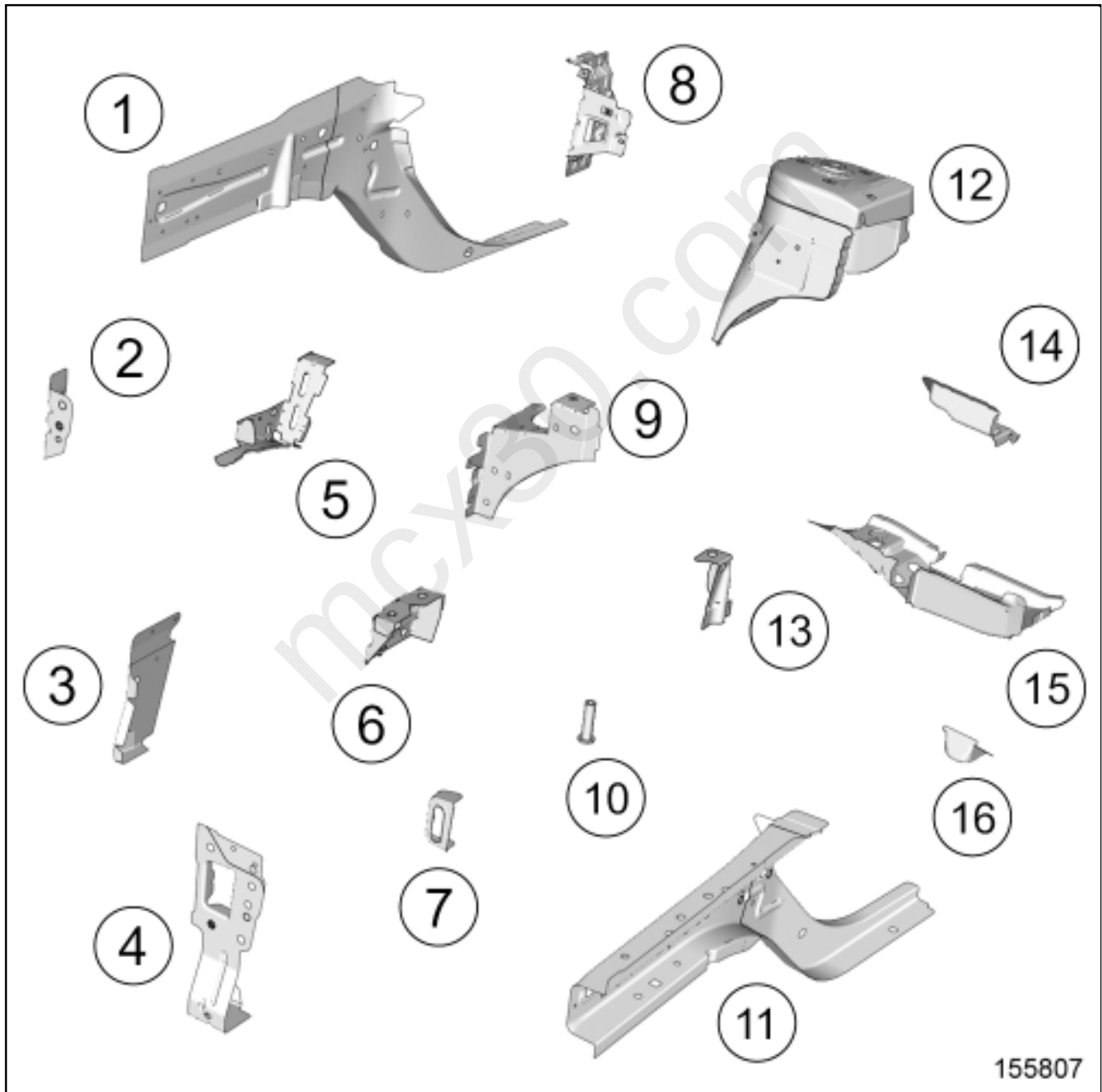


Note, one or more warnings are present in this procedure



1. COMPOSITION OF THE SPARE PART

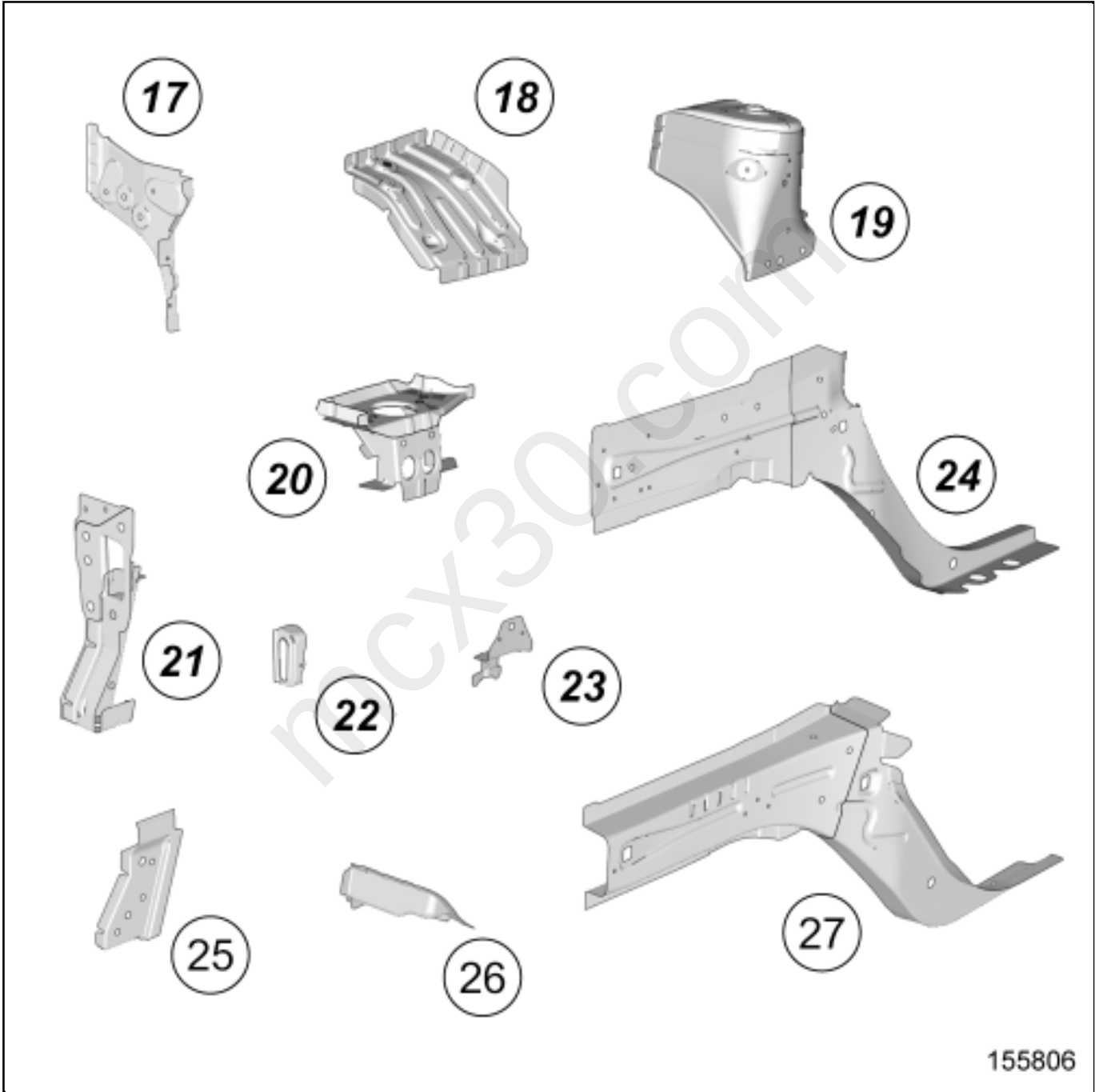
1- LEFT-HAND SIDE



No.	Description	Type	Thickness (mm)
(1)	Closure panel component on left-side member		1.6/2.7
(2)	Extreme cross member left-hand mounting		2
(1)	Closure panel component on left-side member		1.6/2.7
(2)	Extreme cross member left-hand mounting		2
(3)	Closure element of shock absorber mounting		1.2
(4)	Shock absorber mounting unit		2.5
(5)	Front left-hand side member reinforcement		1.6
(6)	Front gearbox reinforcement		1.6
(7)	Side member shock reinforcement		2
(8)	Computer support unit		1.2
(9)	Side member A-pillar lining connection element		1
(10)	Subframe mounting spacer		4
(11)	Front left-hand side member		1.6/2.6
(12)	Front left-hand shock absorber cup		1.2
(13)	Subframe mounting front left-hand unit		3
(14)	Subframe rear left-hand mounting unit		2

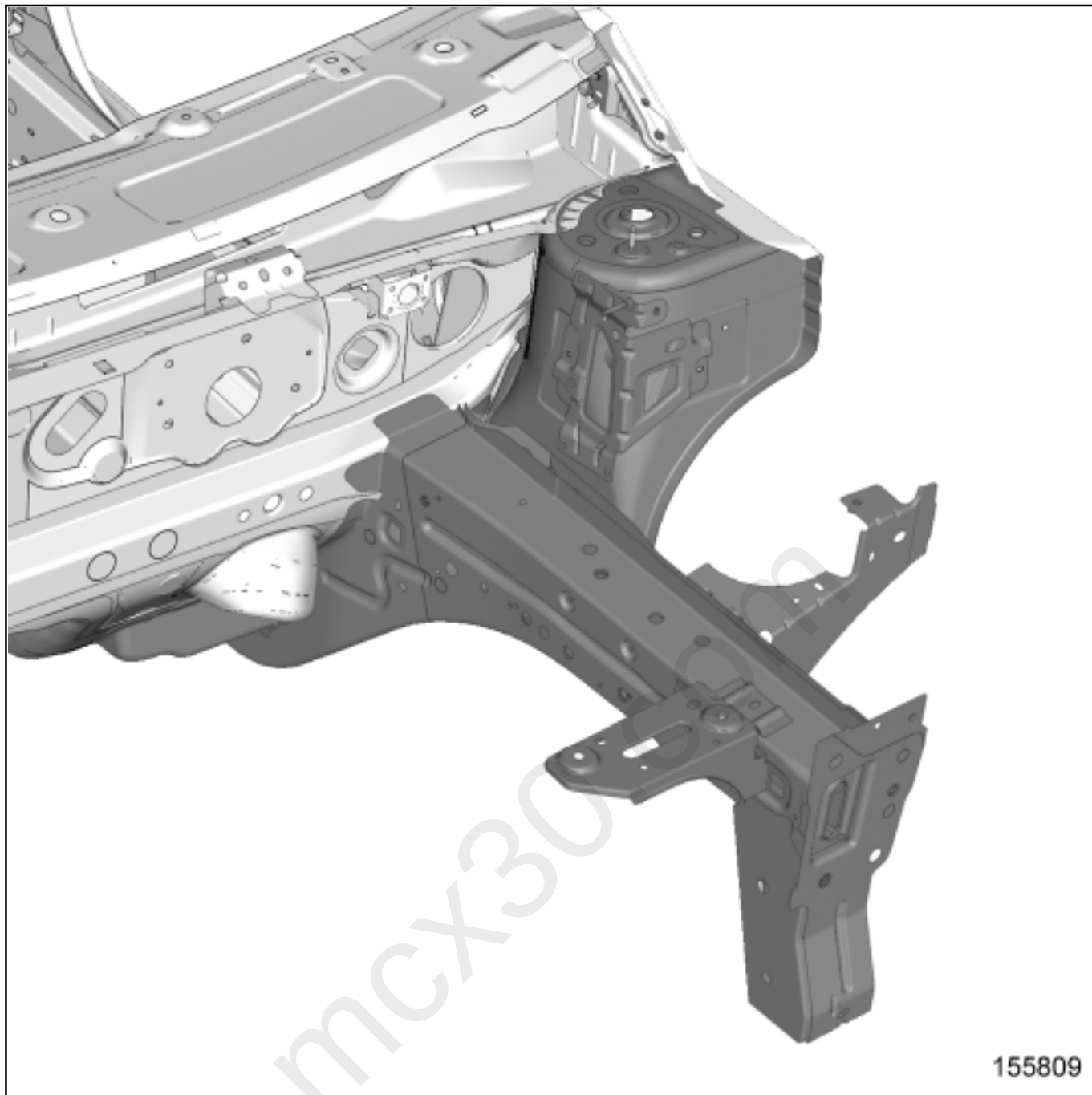
(15)	Lateral cross member		1
(16)	Sub-frame rear left-hand mounting reinforcement		2.6

2- RIGHT-HAND SIDE



No.	Description	Type	Thickness (mm)
(17)	Front section engine mounting		1.5
(18)	Engine mounting upper section		1.5
(19)	Front shock absorber cup height adjuster		1.2
(20)	Engine mounting lower section		2
(21)	Shock absorber unit		1.2/2.5
(22)	Right-hand side member shock reinforcement		2
(23)	Closure panel of subframe front mounting unit		2
(24)	Closure panel component of front right-hand side member		1.6/2.7
(25)	Closure panel component of impact absorber unit		1,2
(26)	Subframe mounting front unit		2
(27)	Front right-hand side member		1.6/2.6

2. PRESENTATION



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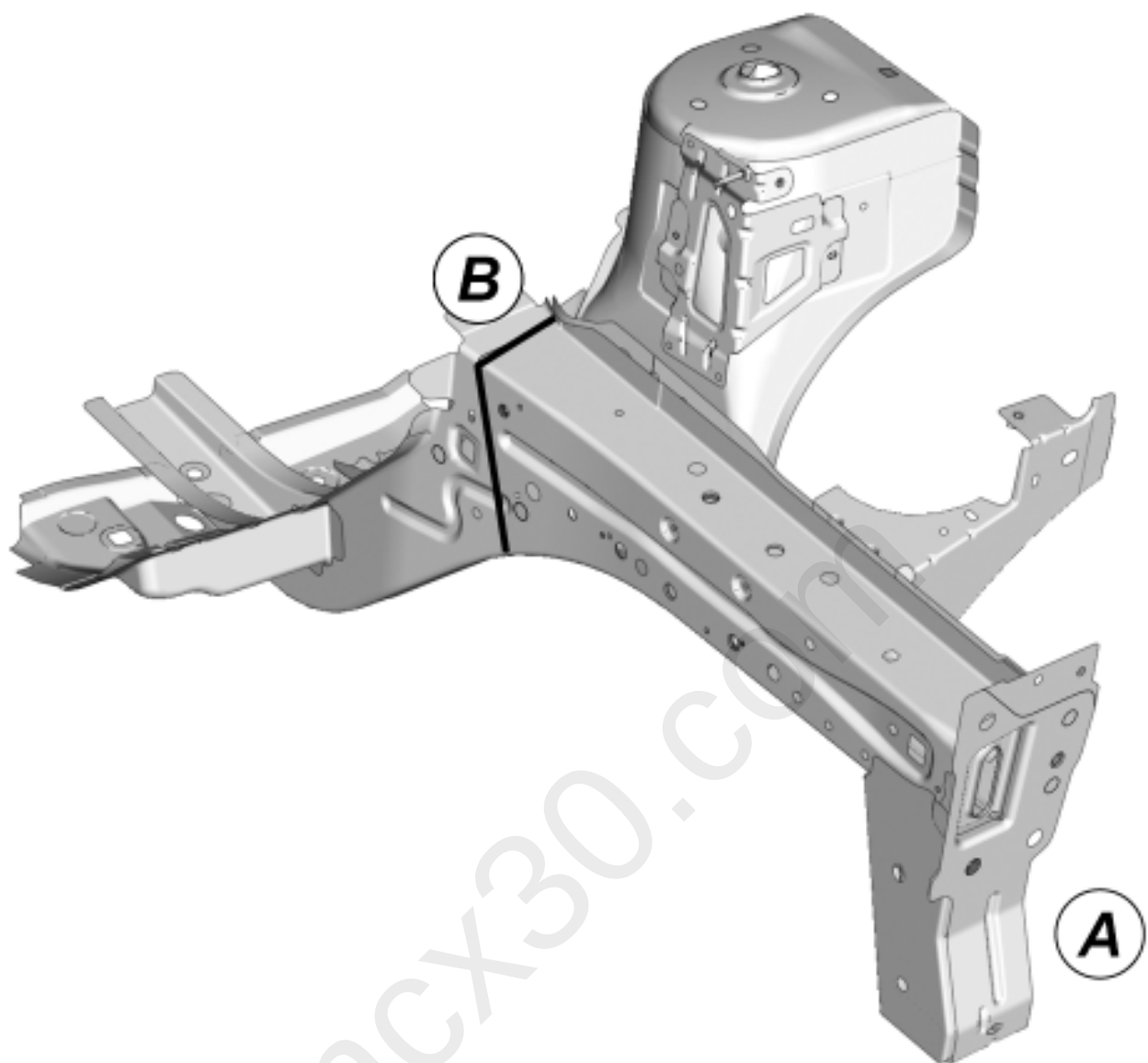
3. IN THE EVENT OF REPLACEMENT



There is only one way of replacing this part:



partial replacement A-B.



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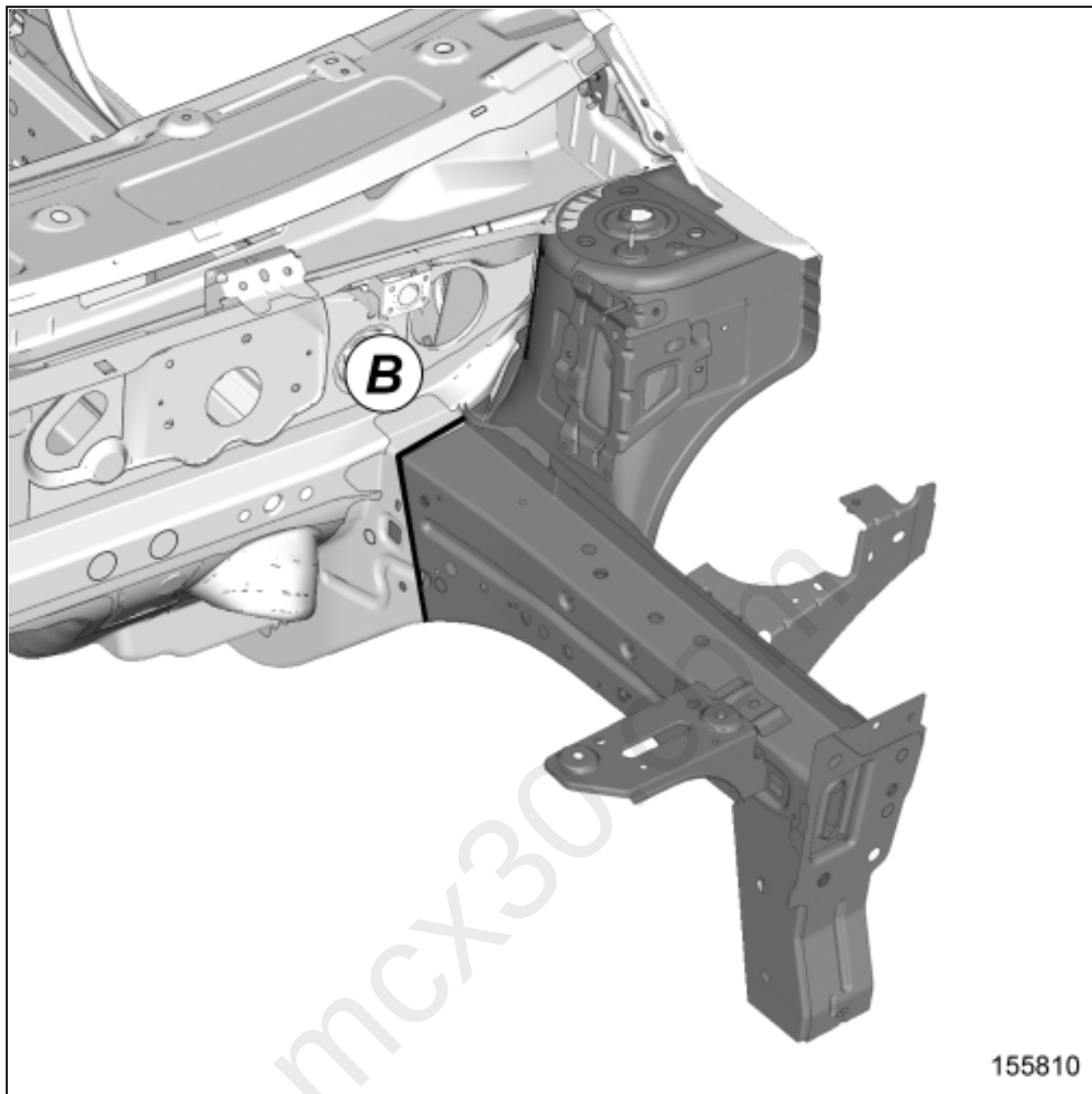


WARNING

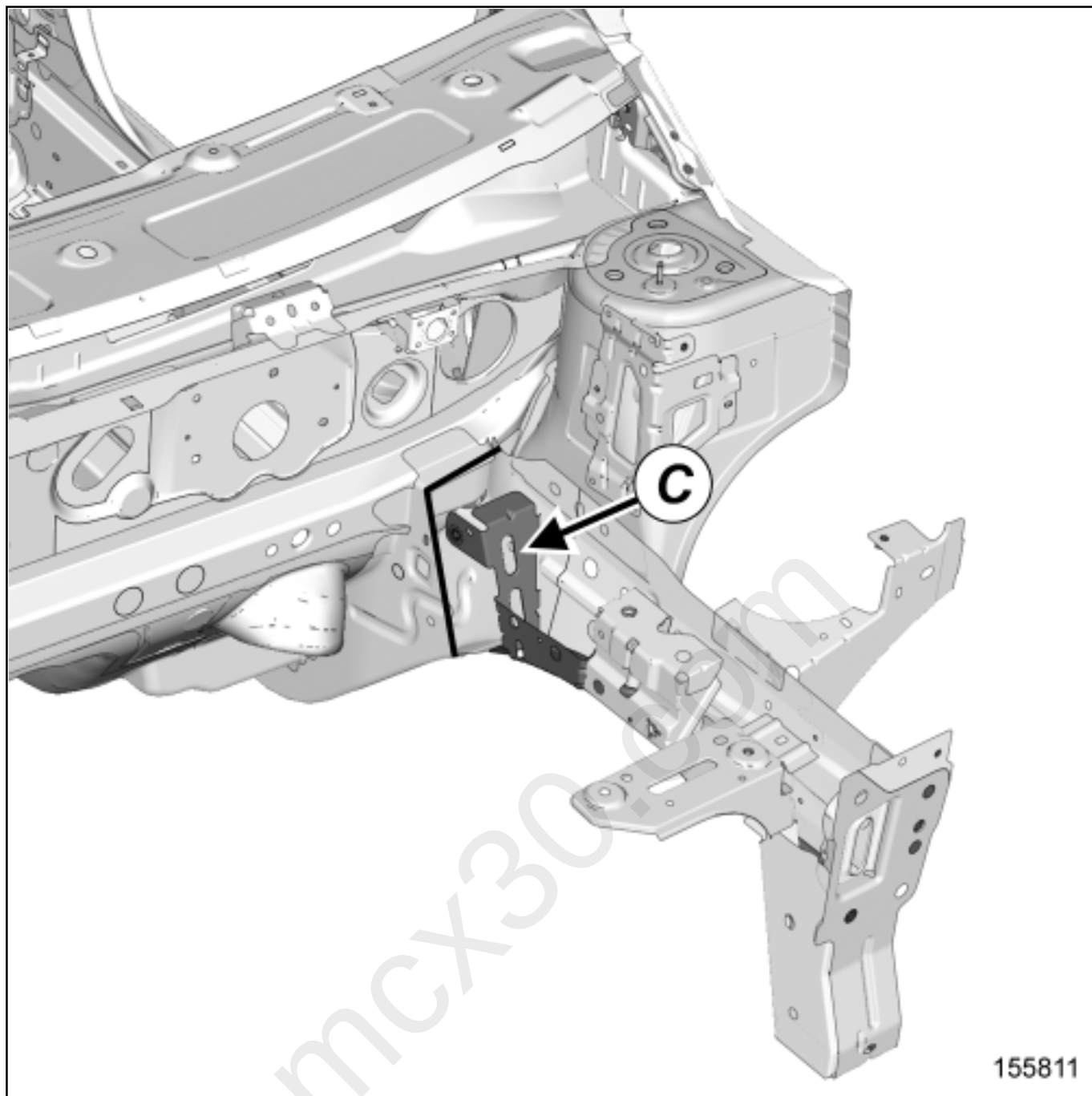
Use a repair bench to ensure the positioning of the points and the geometry of the axle assemblies.

1- FRONT LEFT-HAND PARTIAL REPLACEMENT A-B

1)PART IN POSITION



SPECIAL FEATURE OF CUT B



Note:

When cutting, be careful not to damage the rear inner reinforcement(c) .

CAUTION



To avoid damaging the vehicles electric and electronic components, the earths of any wiring harness near the weld area must be disconnected.

Position the earth of the welding machine as close as possible to the weld area (see **Bolted connection for earth: Fitting**) (MR 400, 40H, Bolted connections).

Locate the earths located near to the weld area [Earths on body: List and location of components](#) .

3) SPECIAL NOTES ON MATING

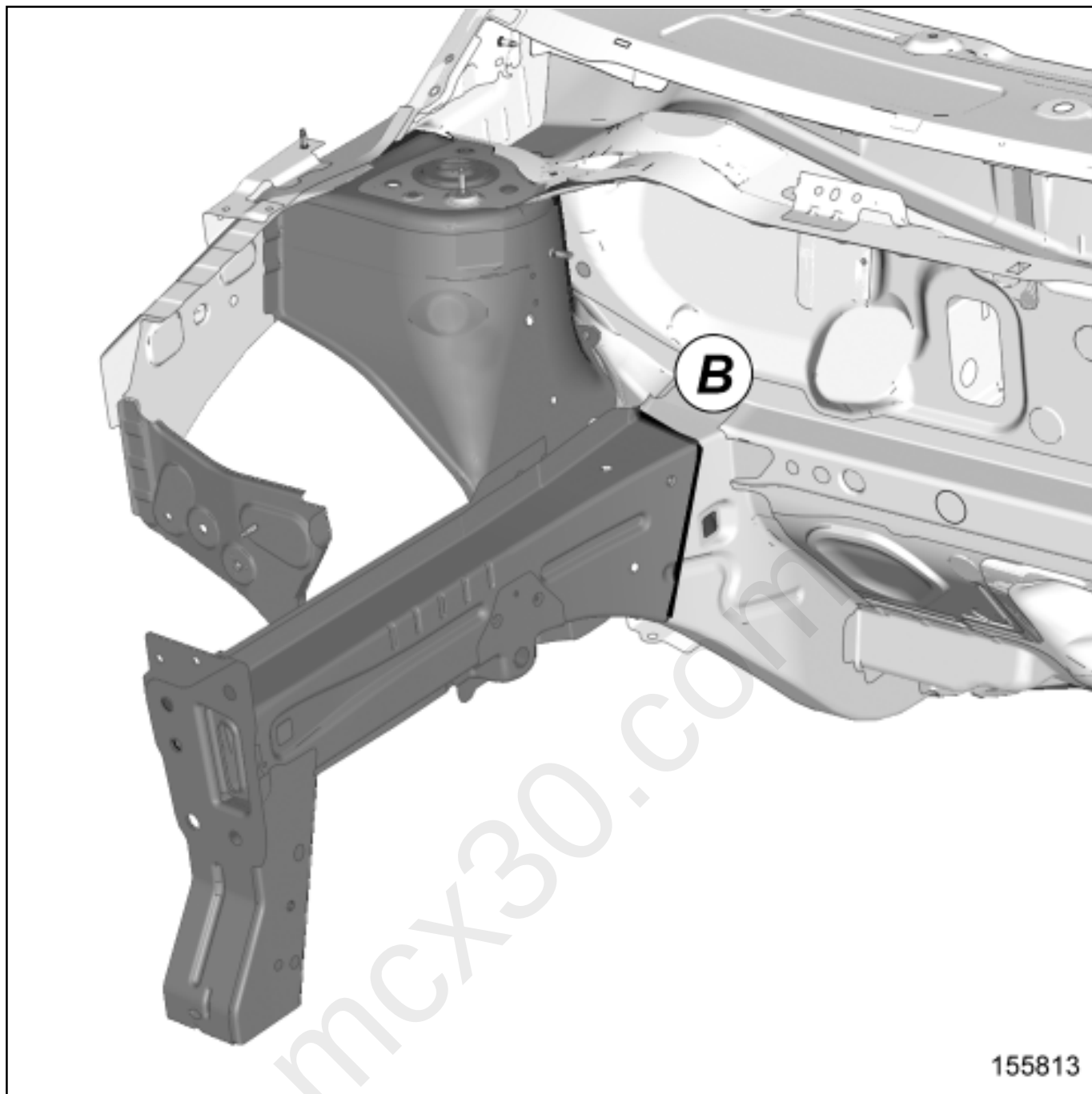
CAUTION



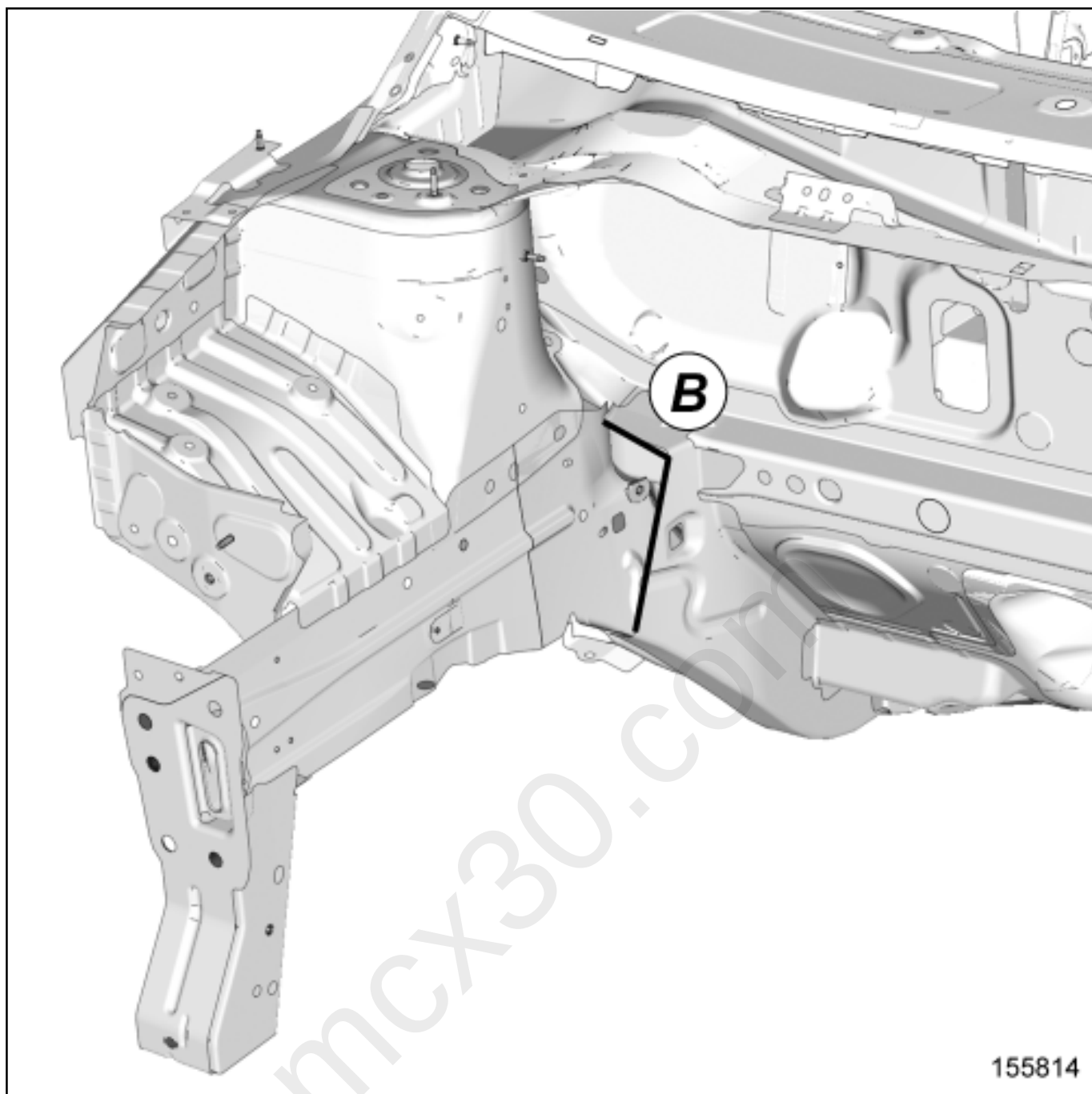
If the mating faces of the parts to be welded are not accessible, use a GMAW plug weld in place of the original electrical resistance weld [Connections by arc welding under shielding gas: Description](#) (MR 400, 40C, Gas metal arc welded connections (GMAW)).

2- PARTIAL REPLACEMENT OF FRONT RIGHT-HAND HALF UNIT

1) PART IN POSITION



SPECIAL FEATURE OF CUT B



2) POSITION OF ELECTRIC EARTHS

CAUTION



To avoid damaging the vehicles electric and electronic components, the earths of any wiring harness near the weld area must be disconnected.

Position the earth of the welding machine as close as possible to the weld area (see Bolted connection for earth: Fitting) (MR 400, 40H, Bolted connections).