

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

Disconnect and unclip the unit.

2)REFITTING OPERATION

Proceed in the reverse order to removal.



In the event of replacement, apply the after repair procedure using the Diagnostic tool [Diagnostic tool : Use](#) :
-Computer concerned by the After repair procedure:



"Protection and Switching Unit" .

WITH STOP AND START (STOSTA)



Apply the after repair procedure using the Diagnostic tool [Diagnostic tool : Use](#) :
-Computer concerned by the After repair procedure:



"Protection and Switching Unit" ,

-Component controlled by this computer concerned by the After repair procedure:



"Stop&Start management module" .



Repair-32x05x01x23-02x51-1-9-1.xml



XSL version : 3.02 du 22/07/11

ENGINE COOLING FAN ASSEMBLY: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



WARNING

When working in the engine compartment, take care as the radiator fan(s) may start up unexpectedly (risk of being cut).



To avoid any risk of serious burns when the engine is hot:



do not open the expansion bottle cap,



do not drain the cooling system,



do not open the bleed screw(s).

Location and specifications (tightening torques, parts always to be replaced, etc.) ([see 19A, Cooling, Coolant circuit assembly: Exploded view](#)) .

REMOVAL

1. REMOVAL PREPARATION OPERATION



Position the vehicle on a two-post lift ([Vehicle: Towing and lifting](#)) .



Disconnect the battery ([Battery: Removal - Refitting](#)) .



Remove:



the engine undertray,



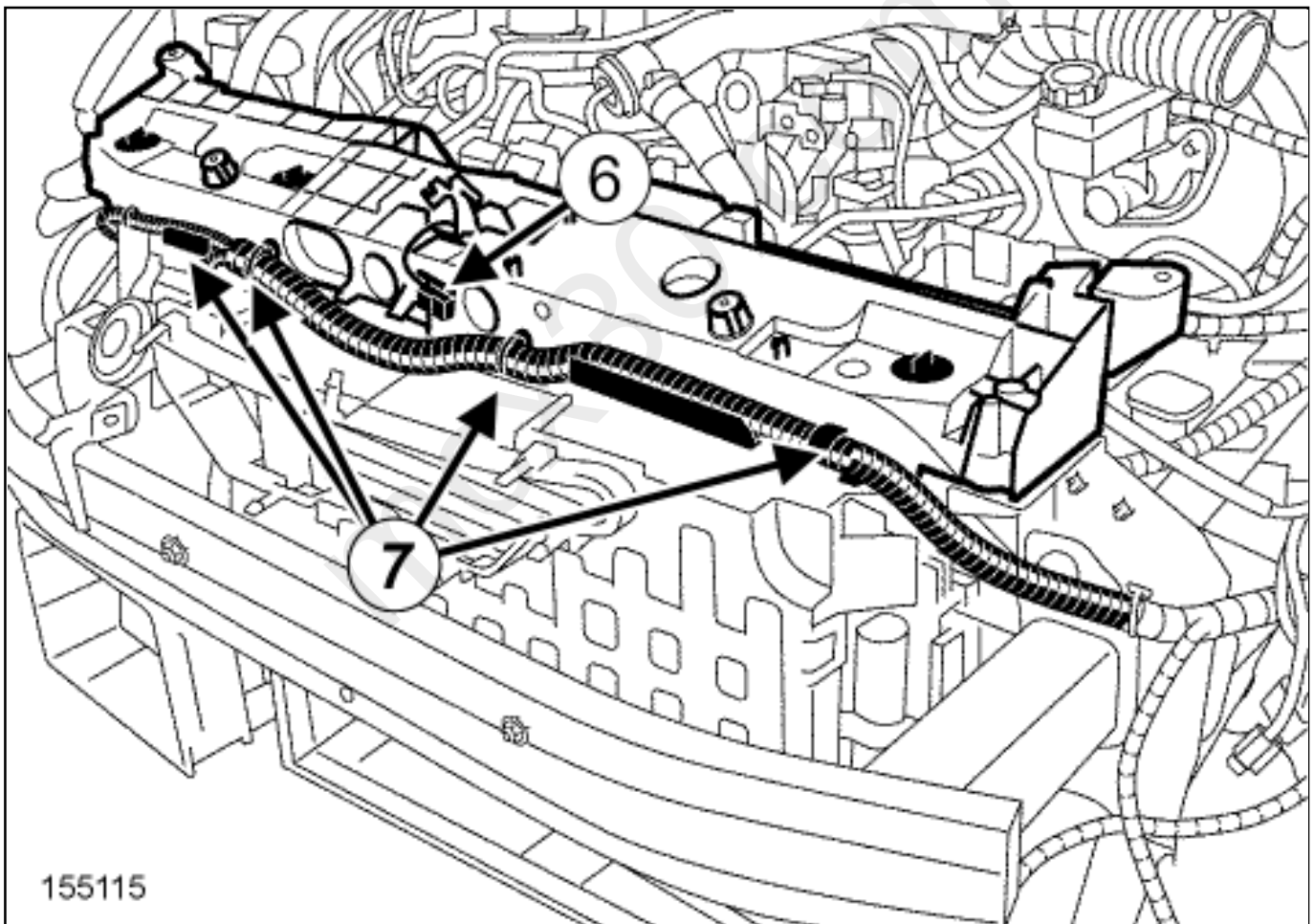
the front wheels [Front hub carrier assembly: Exploded view](#) ,

the front section of the front wheel arch liners [Exterior body front trim assembly: Exploded view](#) ,

the front bumper [Front bumper assembly: Exploded view](#) ,

the headlights [Front signals - lighting assembly: Exploded view](#) .

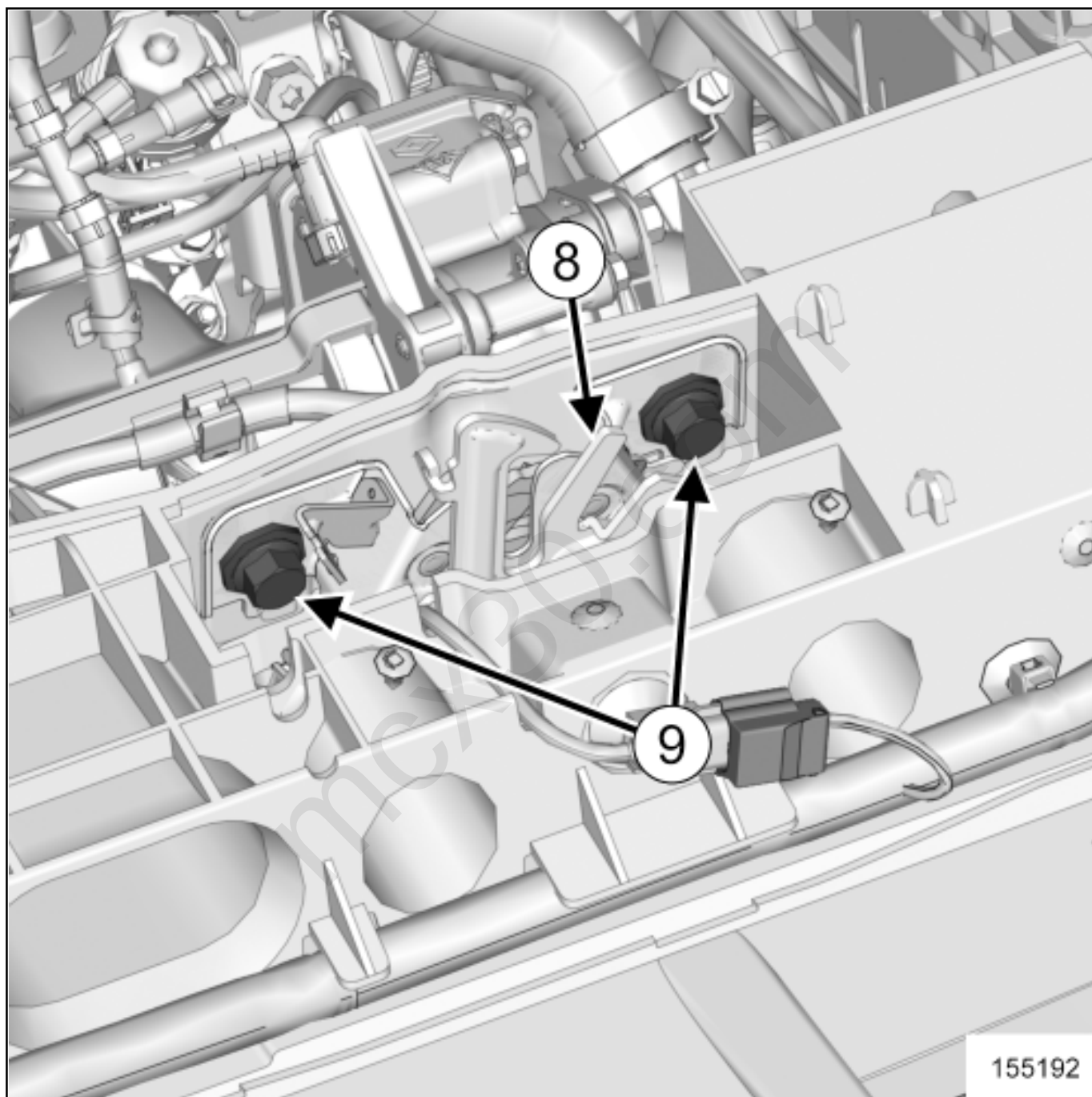
Remove the air filter air inlet pipe [Air inlet assembly: Exploded view](#) .



Disconnect the bonnet catch connector(6) .

Unclip the wiring at(7) .

Move aside the wiring from the front upper cross member.

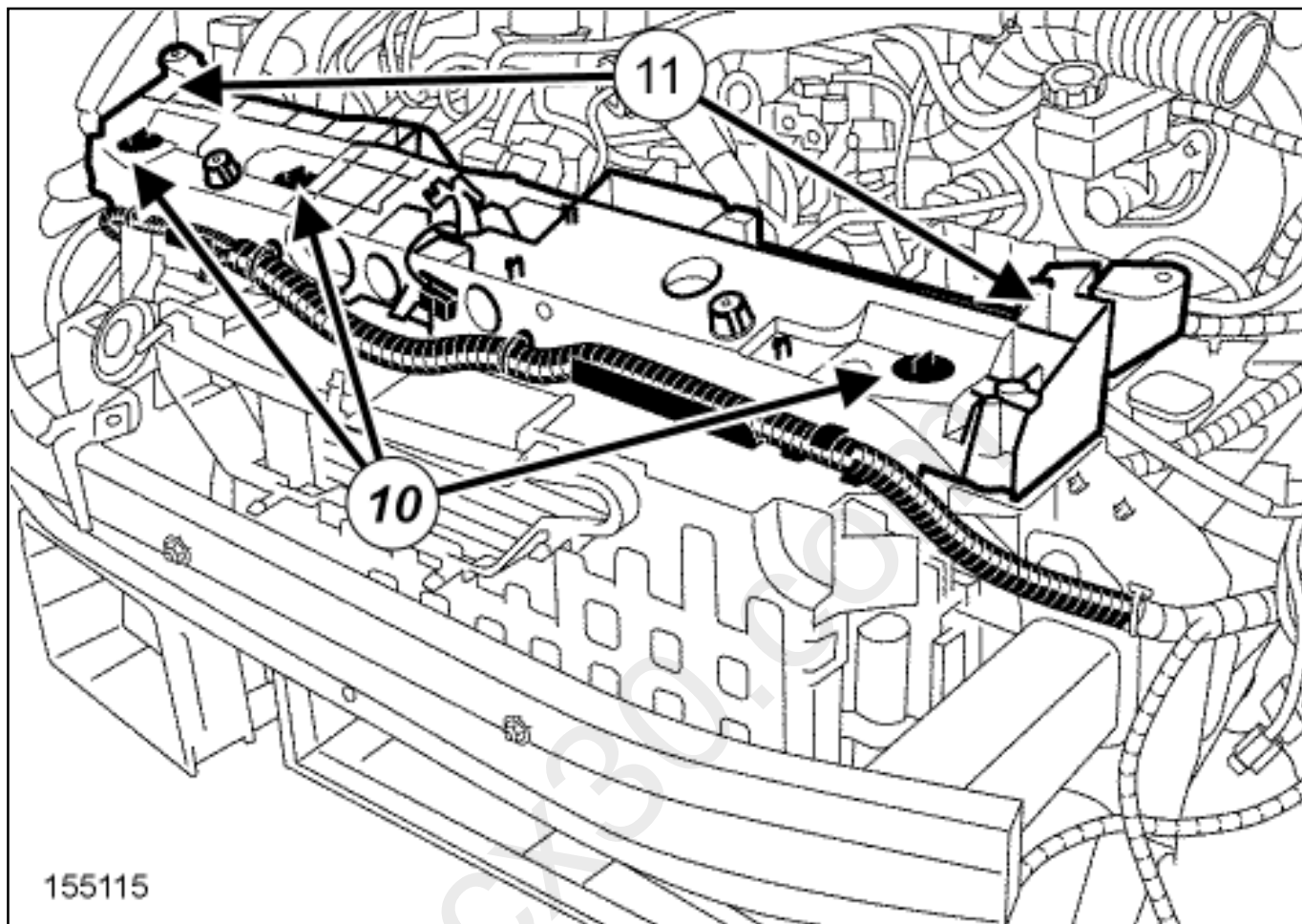


Disconnect the bonnet opening cable(8) .

Remove:

- the bonnet catch bolts(9) ,

- the bonnet catch.



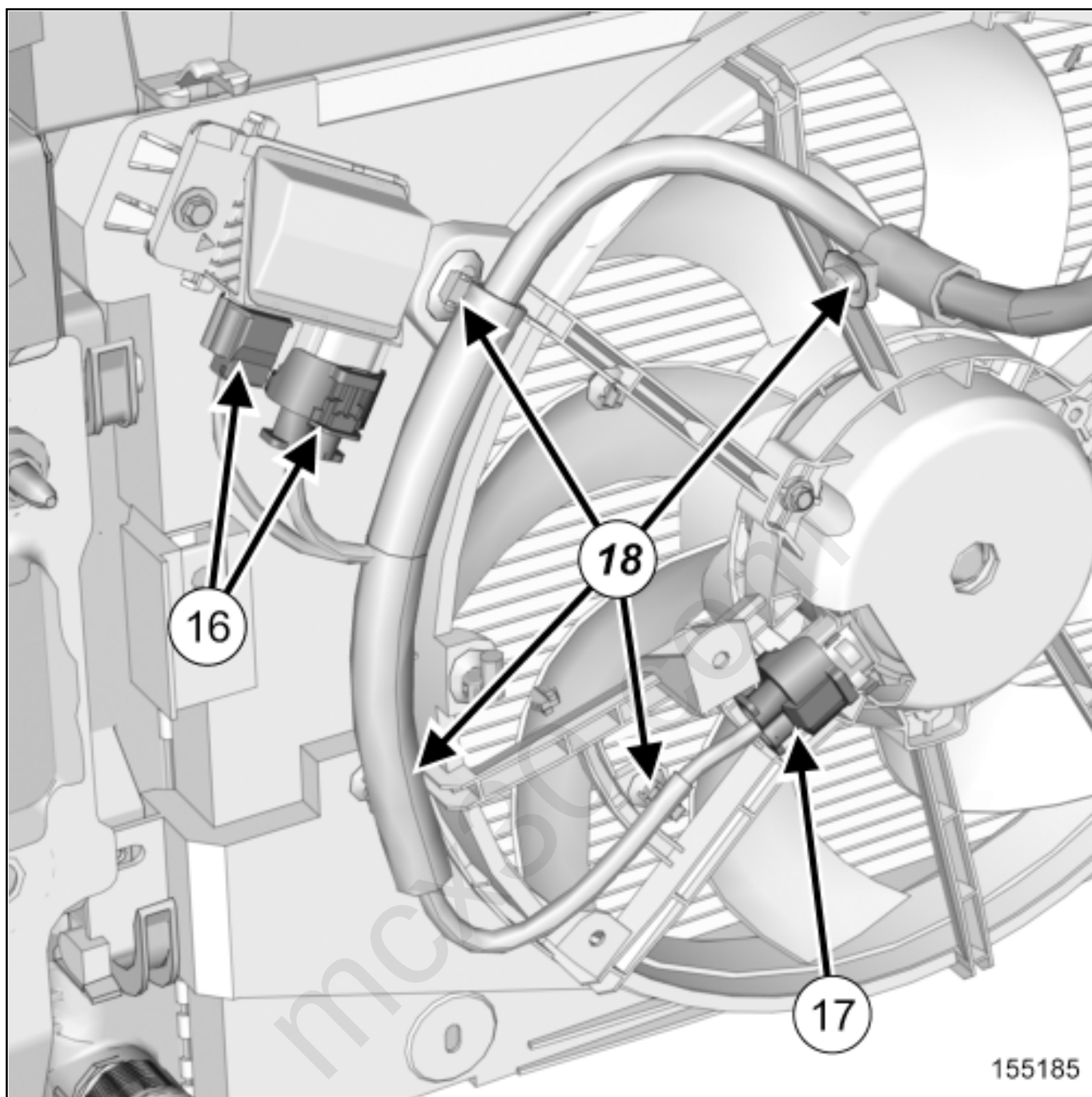
Remove:

- the centring pins(10) ,

- the front upper cross member bolts(11) ,

- the front upper cross member.

2. REMOVAL OPERATION



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Disconnect:



the engine cooling fan assembly resistor connectors(16) ,



the engine cooling fan connector(17) .

Unclip the fan assembly wiring from the fan assembly at(18) .