



Unclip the engine cooling fan assembly from the cooling radiator([see 19A, Cooling, Coolant circuit assembly: Exploded view](#)) .



Remove the engine cooling fan assembly upwards([see 19A, Cooling, Coolant circuit assembly: Exploded view](#)) .

REFITTING



Proceed in the reverse order to removal.



Repair-10x06x05x05-01x37-1-104-1.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](#) ,

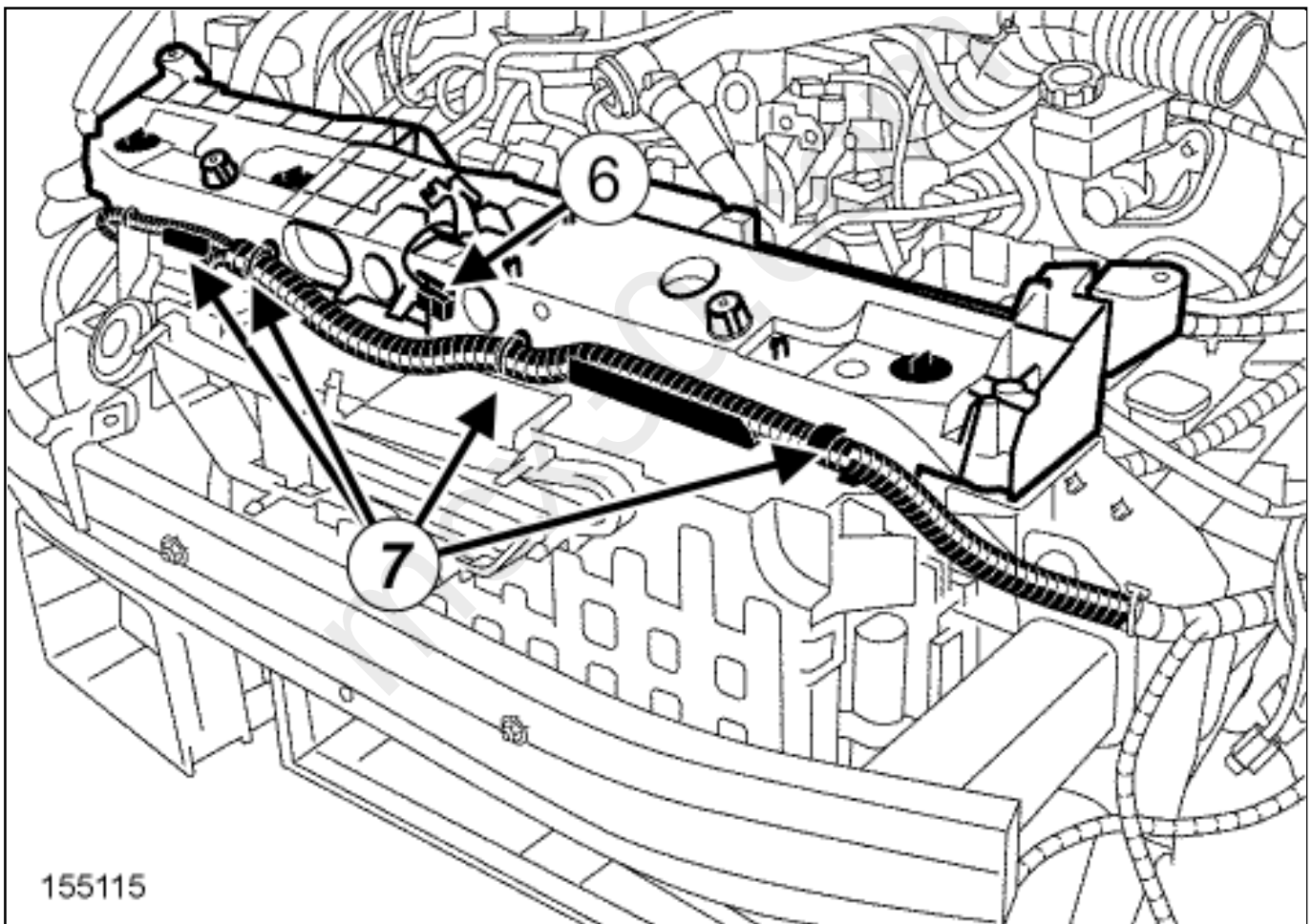


the front section of the front wheel arch liners [Exterior body front trim assembly: Exploded view](#) ,

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

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

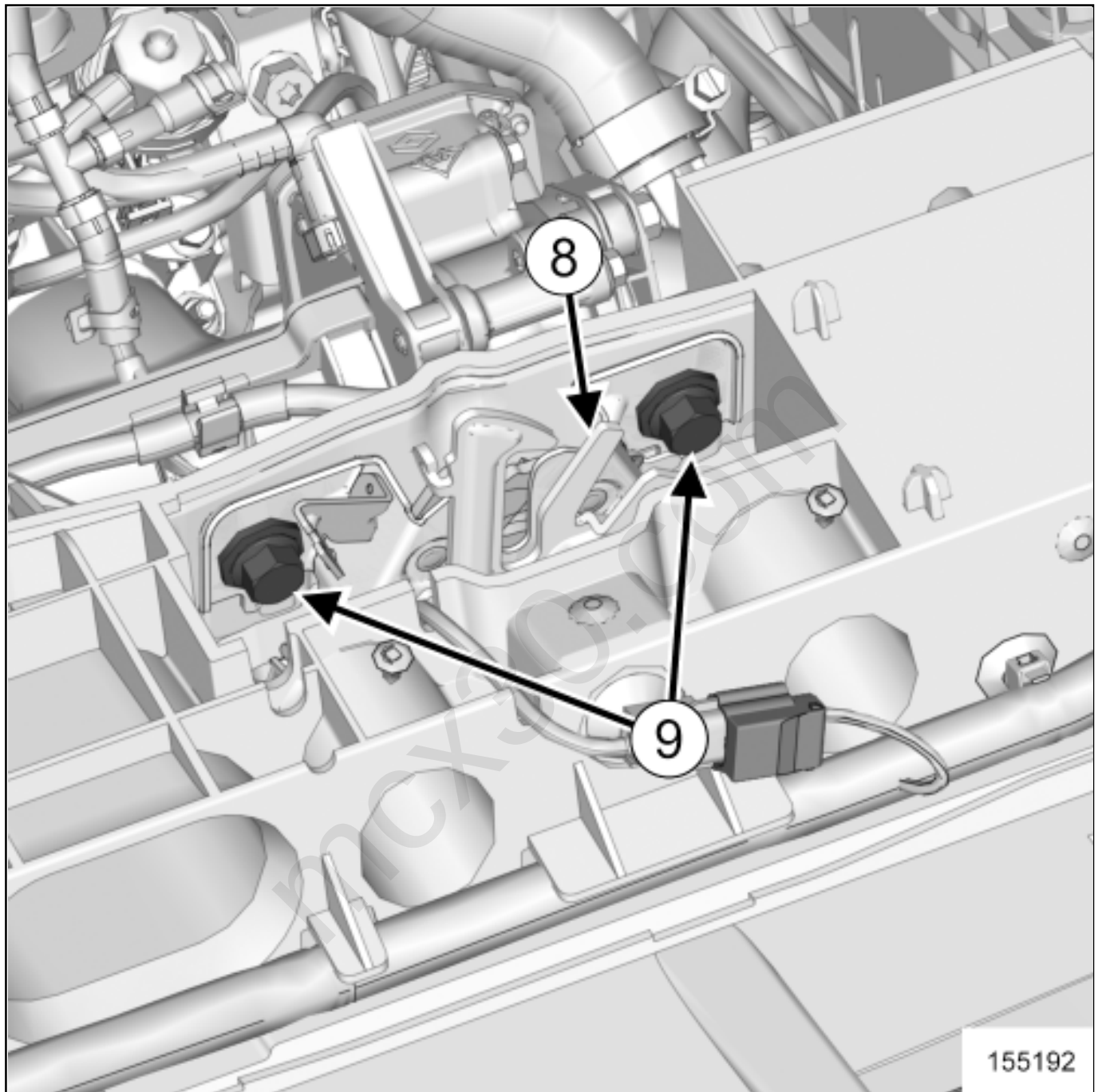
Remove the air filter air inlet pipe ([see 12A, Fuel mixture, Air inlet assembly: Exploded view](#)) .



Disconnect the bonnet catch connector(6) .

Unclip the wiring at(7) .

Move aside the wiring from the front upper cross member.

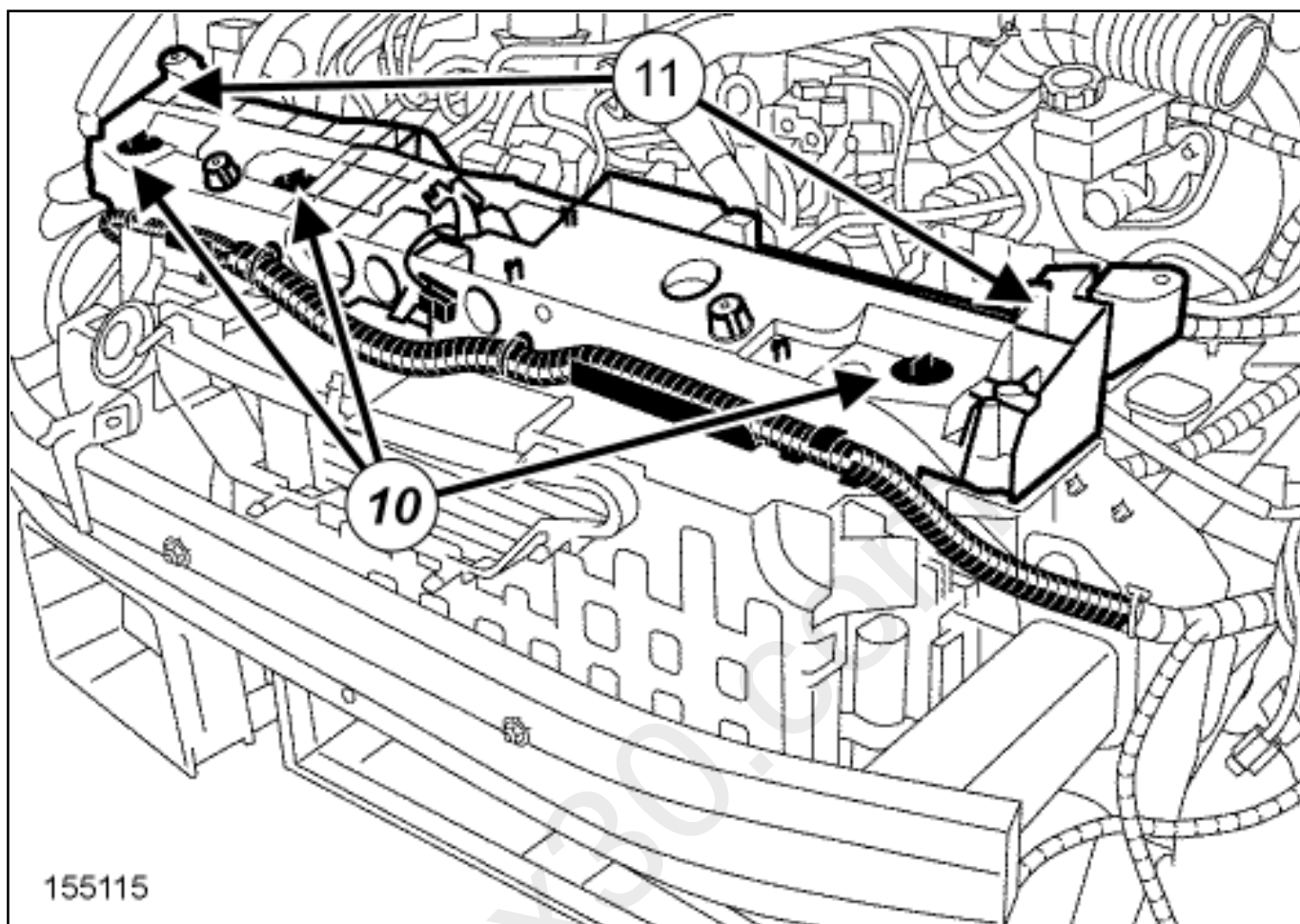


Disconnect the bonnet opening cable(8) .

Remove:

the bonnet catch bolts(9) ,

the bonnet catch.



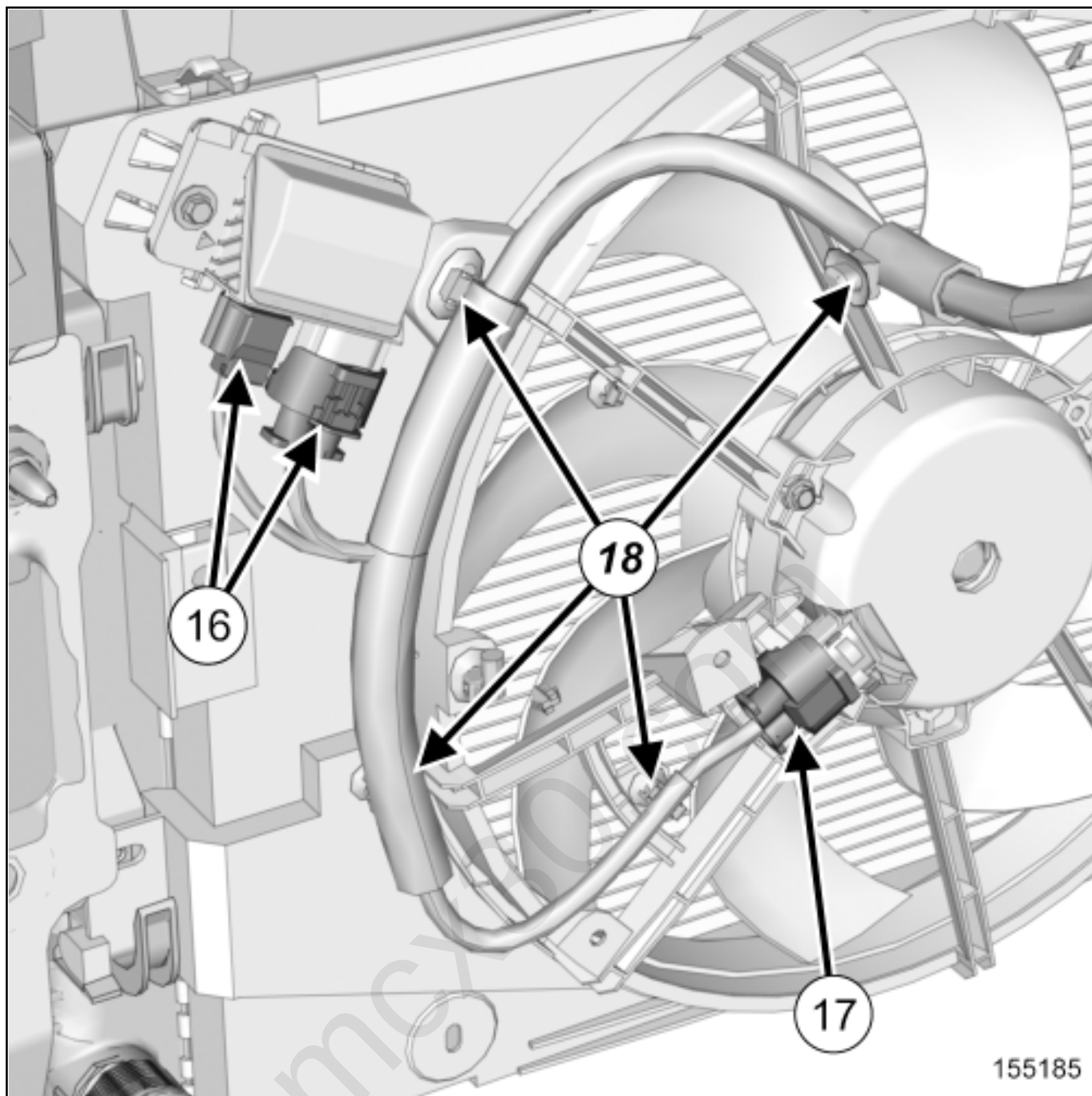
Remove:

- the centring pins(10) ,

- the front upper cross member bolts(11) ,

- the front upper cross member.

2. REMOVAL OPERATION



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) .