

Tighten the clip on the air duct link between the intercooler air outlet pipe and the high pressure discharge valve.



Refit [\(see 12A, Fuel mixture, Air inlet assembly: Exploded view\)](#) :



the intercooler air outlet pipe support bolt on the throttle valve,



the intercooler air outlet pipe support bolt on the engine cooling fan assembly.



Torque tighten [\(see 12A, Fuel mixture, Air inlet assembly: Exploded view\)](#) :



the intercooler air outlet pipe support bolt on the throttle valve,



the intercooler air outlet pipe support bolt on the engine cooling fan assembly.



Proceed in the reverse order to removal.



[Repair-10x09x04x03-01x37-1-22-1.xml](#)



XSL version : 3.02 du 22/07/11

INTERCOOLER: REMOVAL-REFITTING



parts always to be replaced:



[turbocharger air cooler air inlet pipe seal](#)

[turbocharger air cooler air outlet pipe seal](#)

REMOVAL

1. REMOVAL PREPARATION OPERATION

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

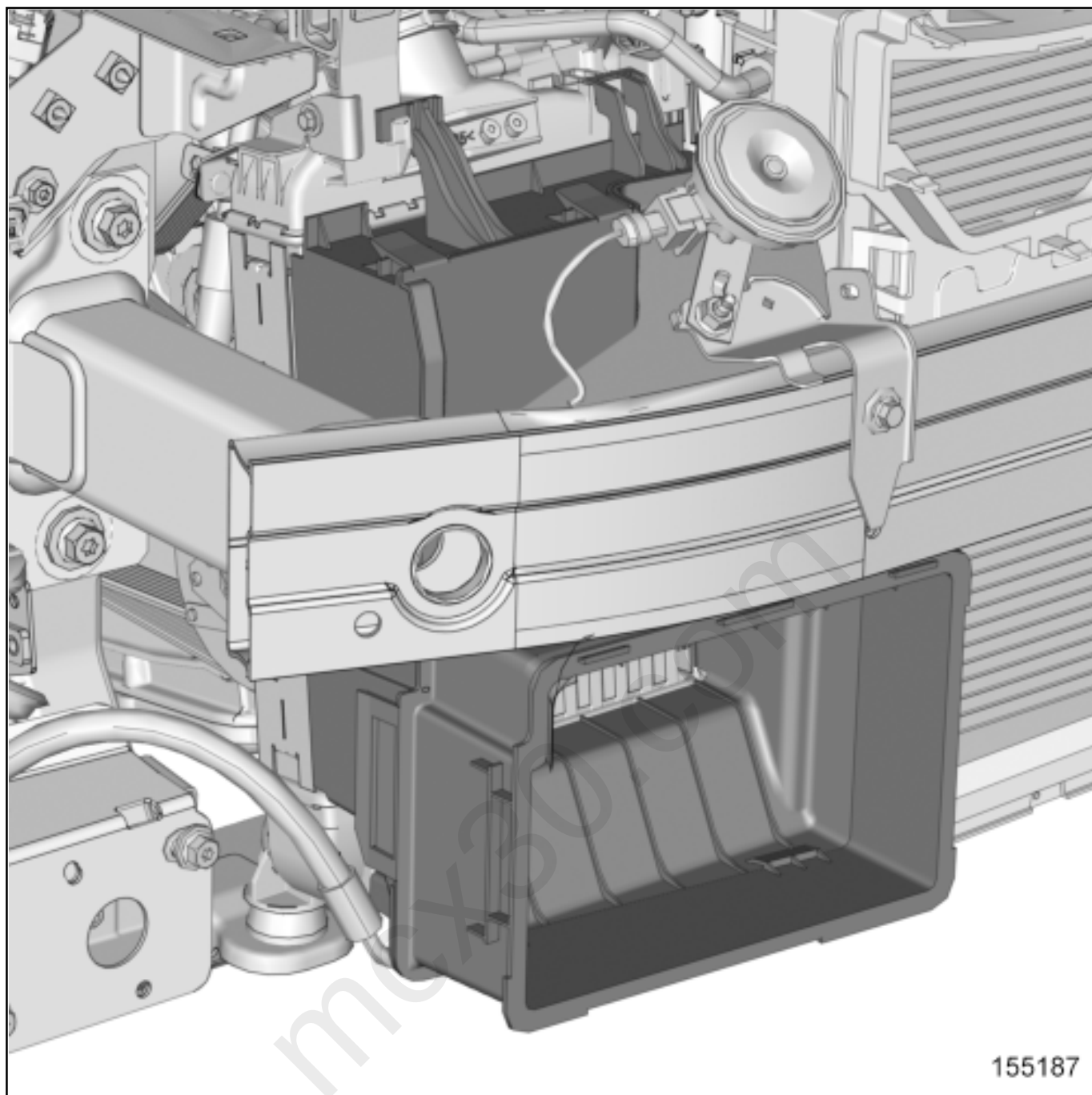
 Remove:

-  the front wheels [Front hub carrier assembly: Exploded view](#) ,
-  the front section of the front wheel arch liner [Exterior body front trim assembly: Exploded view](#) ,
-  the front bumper [Front bumper assembly: Exploded view](#) .

 Remove the right-hand headlight [Front signals - lighting assembly: Exploded view](#) .

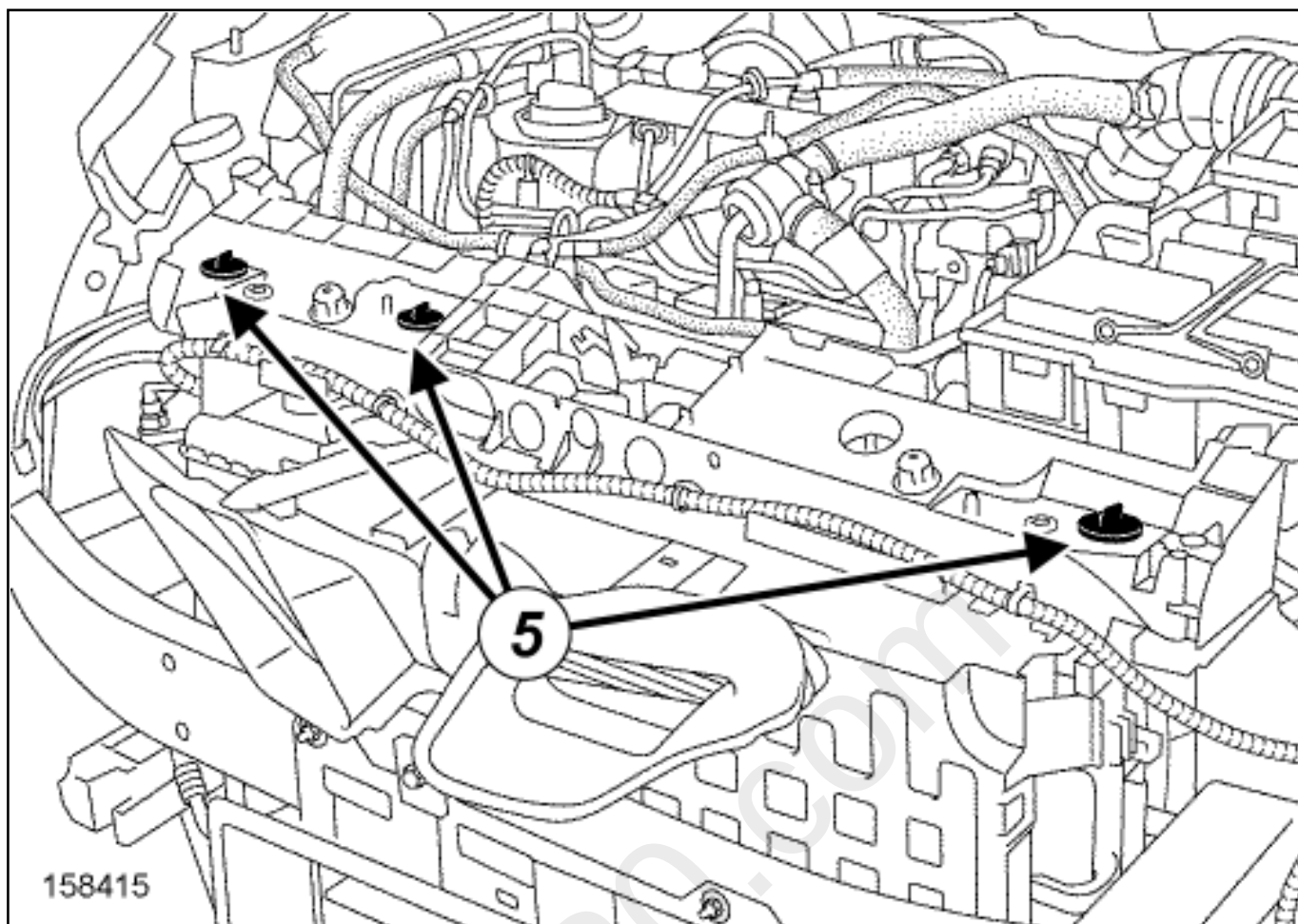
 Disconnect and move aside:

- 
-  the intercooler air inlet pipe,
-  the intercooler air outlet pipe.

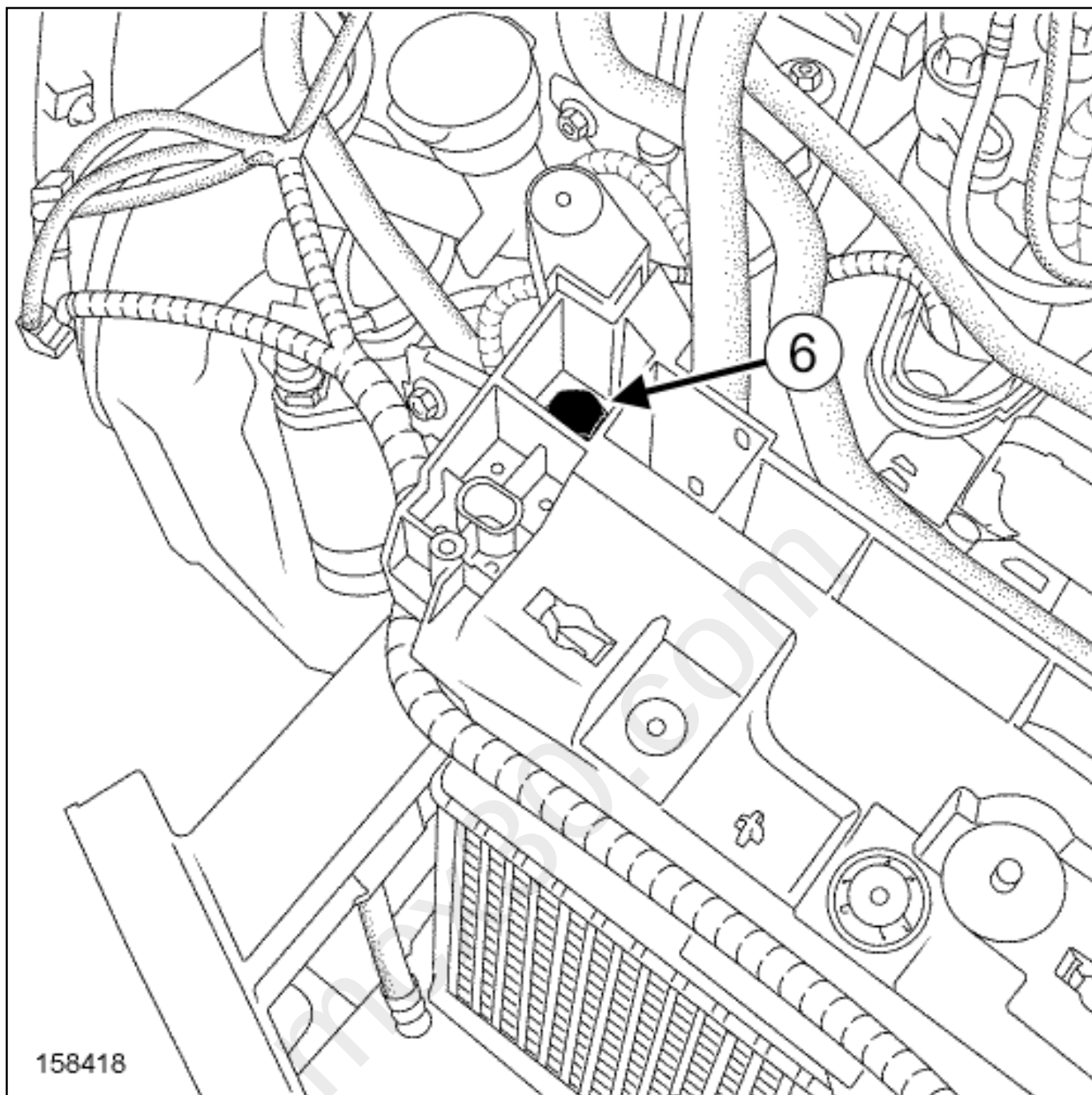


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Remove the intercooler air deflector.

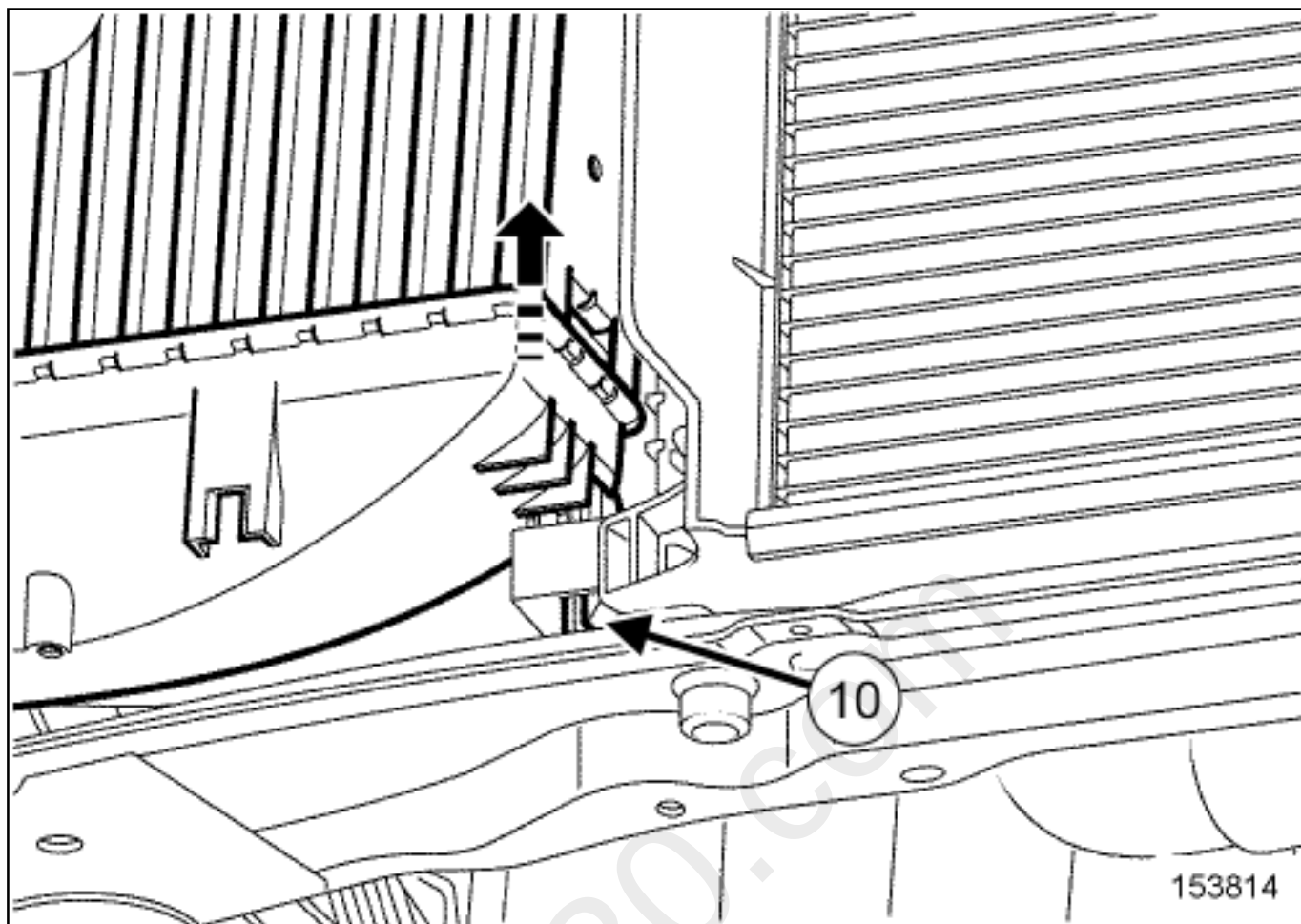


Remove the centring pins(5) by turning it anticlockwise.

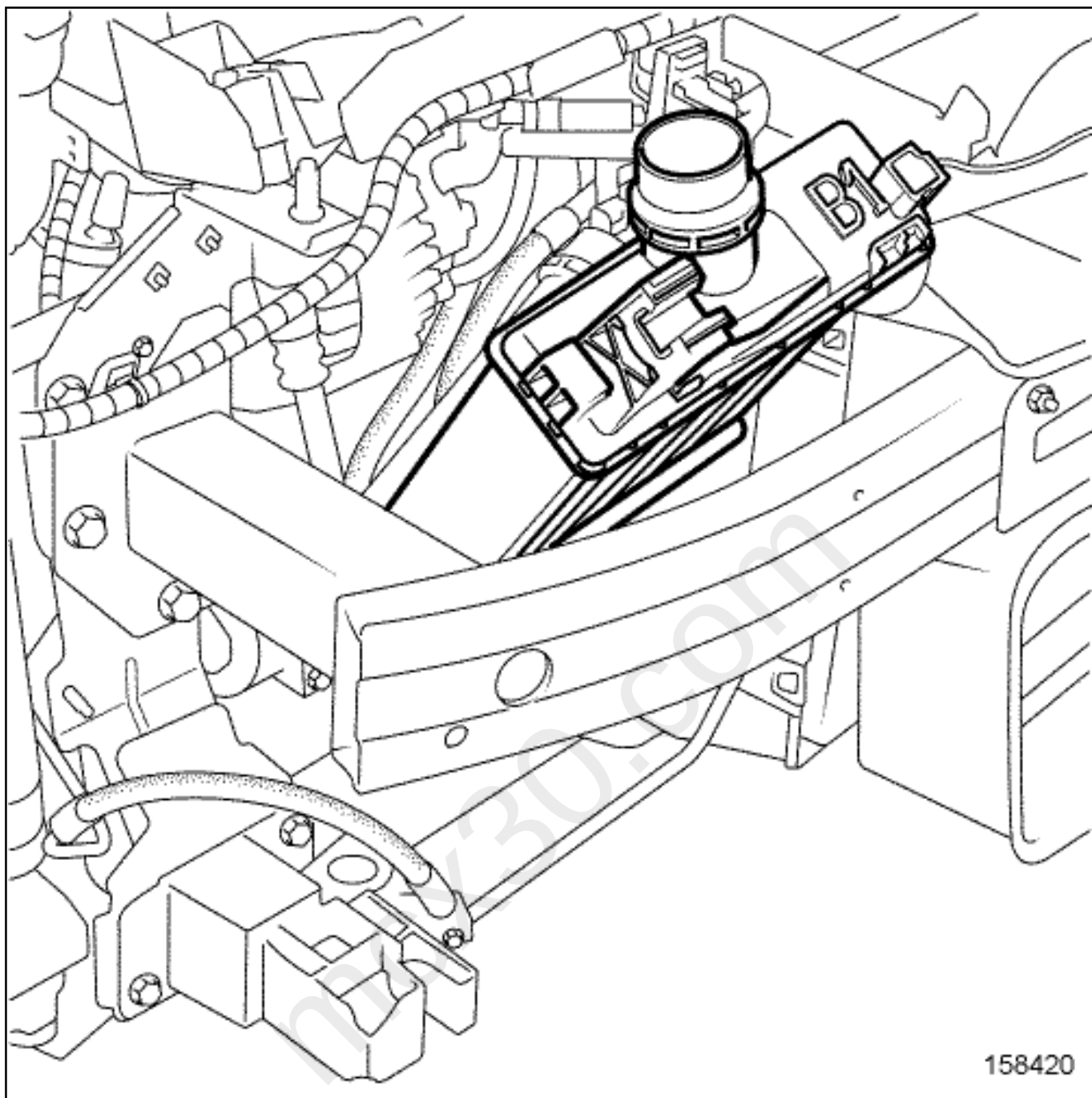


Remove the bolts(6) .

Move aside the front upper cross member.



Press the clips(10) and lift the intercooler in the direction indicated.



Remove the intercooler.

REFITTING

1. REFITTING OPERATION PREPARATION