



Repair-10x06x01x05-01x22-1-1-1.xml



XSL version : 3.02 du 22/07/11

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COOLINGRADIATOR:REPAIR



Note, one or more warnings are present in this procedure



Equipment required

safetystrap(s)



WARNING

Before carrying out any operation on a vehicle fitted with the Stop & Start system, always follow the safety instructions [Vehicle: Precautions for the repair](#) .

- Before starting any operation check that the radiator is undamaged (not drilled, distorted or shocked); there may be a risk of further leaking.



Note:

This repair method is applicable to the cooling radiator and also to the intercooler.

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



Before starting any operation check that the radiator is undamaged (not drilled, distorted or shocked); there may be a risk of further leaking.



Note:

This repair method is applicable to the cooling radiator and also to the intercooler.



Equipment required to carry out the repairs:



Plastic repair kit [Vehicle: Parts and consumables for the repair](#) ,

Radiator pin repair kit [Vehicle: Parts and consumables for the repair](#) .

REPAIR

1. REPAIR PREPARATION OPERATION

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

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](#) ,

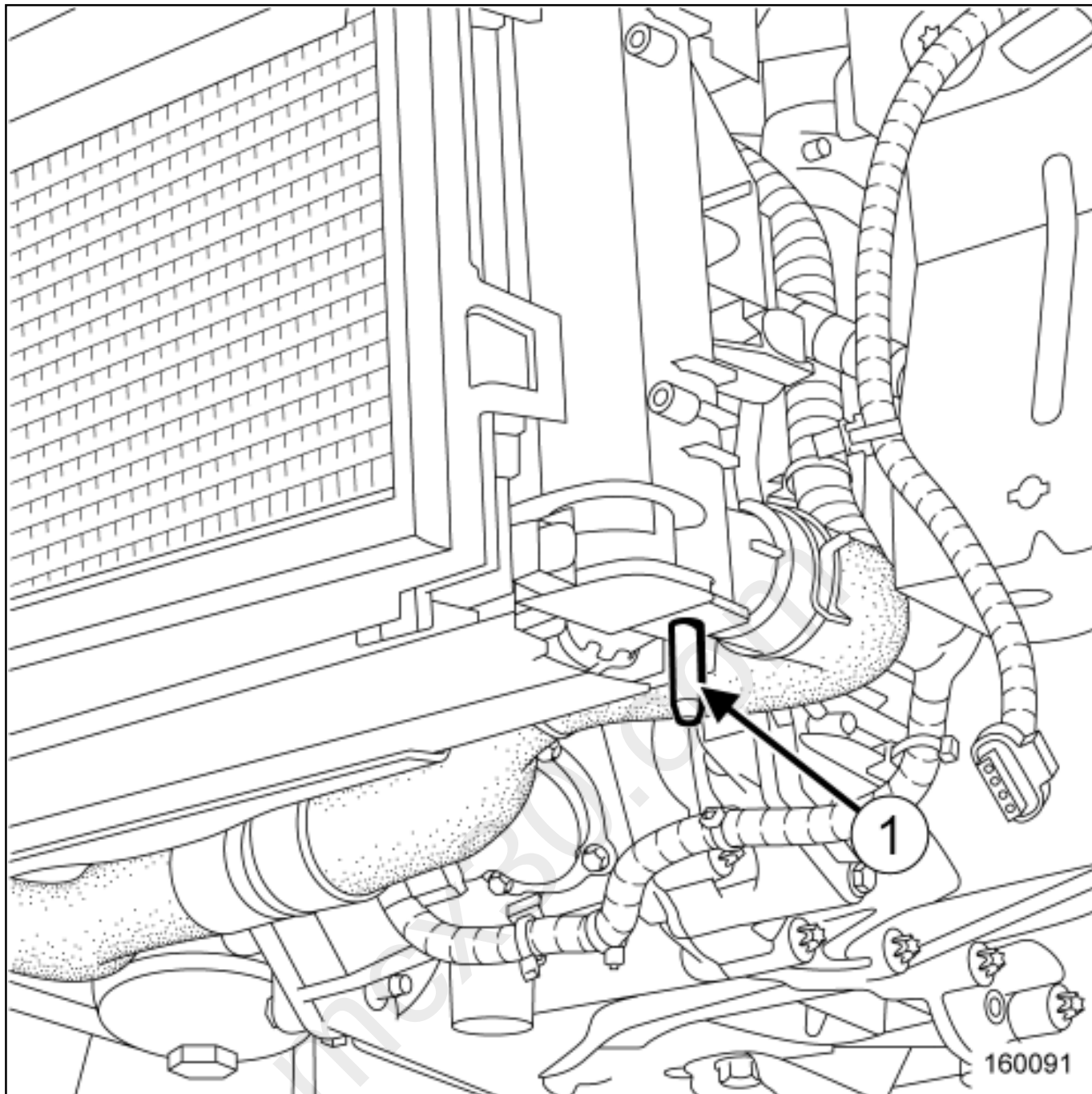
- the front bumper [Front bumper assembly: Exploded view](#) .

Strap the cooling radiator to the front end panel using the safety strap(s).

Remove the radiator mounting cross member [Front axle assembly: Exploded view](#) .

2. REPAIR OPERATION

1- PREPARING THE SURFACES FOR BONDING



Remove the damaged mounting pin from the cooling radiator

Cut the remaining section of the cooling radiator mounting pin(1) on the cooling radiator.

File down the base of the cooling radiator mounting pin to obtain a flat surface.