



Top up the engine oil([see 10A, Engine and cylinder block assembly, Engine oil - Oil filter : Draining - Filling](#)) .



Repair-10x05x01-01x37-1-128-1.xml



XSL version : 3.02 du 22/07/11

mcx30.com

OIL-COOLANT HEAT EXCHANGER: REMOVAL - REFITTING

Special tooling required

Remote operation pliers for hose clips.

Mot. 1448

Pipe clamps.

Ms. 583



parts always to be replaced:



coolant-engine oil heat exchanger seal on the cylinder block

Locations and specifications (tightening torques, parts always to be replaced, etc.) [\(see 10A, Engine and cylinder block assembly, Engine oil circuit assembly: Exploded view\)](#) .

REMOVAL

1. REMOVAL PREPARATION OPERATION



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



Remove:



the engine undertray bolts,



the engine undertray.

2. REMOVAL OPERATION



Fit the tool Pipe clamps. (Ms. 583) on to the pipes of the oil-coolant heat exchanger [\(see 19A, Cooling, Coolant circuit assembly: Exploded view\)](#) .



Move aside with the tool Remote operation pliers for hose clips. (Mot. 1448) the coolant pipe clips of the oil-coolant heat exchanger [\(see 19A, Cooling, Coolant circuit assembly: Exploded view\)](#) .



Disconnect the pipes of the oil-coolant heat exchanger([see 19A, Cooling, Coolant circuit assembly: Exploded view](#)) .



Remove ([see 10A, Engine and cylinder block assembly, Engine oil circuit assembly: Exploded view](#)) :



the oil-coolant heat exchanger bolts,



the oil-coolant heat exchanger,



the oil-coolant heat exchanger seals.

REFITTING

1. REFFITTING PREPARATION OPERATION



parts always to be replaced:



[coolant-engine oil heat exchanger seal on the cylinder](#)



[block](#) .



Clean and degrease the bearing faces of the oil coolant heat exchanger and the cylinder block with SURFACE CLEANER([Vehicle: Parts and consumables for the repair](#)) .

2. REFFITTING OPERATION



Refit ([see 10A, Engine and cylinder block assembly, Engine oil circuit assembly: Exploded view](#)) :



the new seal on the oil-coolant heat exchanger,



the oil-coolant heat exchanger.