

RENAULT

Technical Note 3884A

FXX, and F4P or F4R

Replacement of F4 camshaft pulley dowels

All types

Basic manual: NT 3783A

Sub-sections concerned: 10A - 11A

F4P - F4R engines

Procedure for replacing camshaft pulley dowels.

77 11 332 782

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Edition Anglaise

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Replacement of F4 camshaft pulley dowels

Contents

11A	TOP AND FRONT OF ENGINE	
	Camshaft	11A-1

Essential equipment

Roller-type stud removal tool

Tightening torques

the camshaft dowel **0.8 daNm**

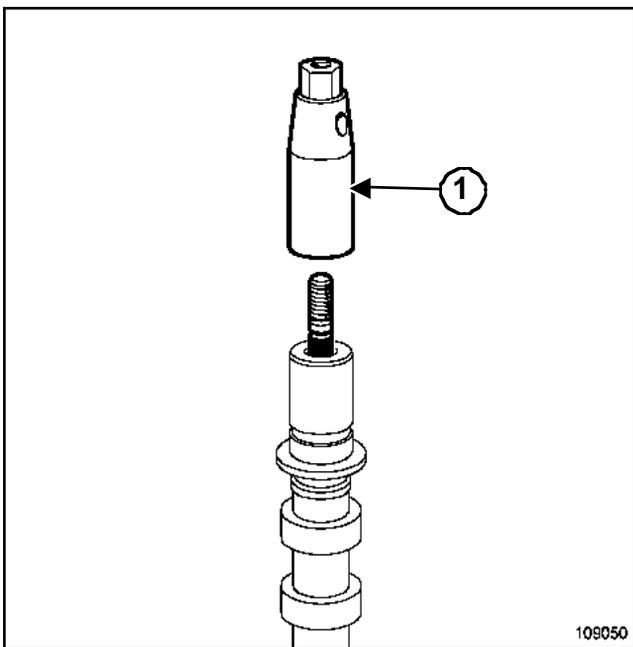
REPLACING A CAMSHAFT DOWEL

WARNING

It is essential to replace the camshaft dowel if it comes loose at the same time as the nut.

1 - Removal

- Place the camshaft in a vice fitted with **aluminium jaws**.



- Remove the dowel using a **Roller-type stud removal tool(1)**.

2 - Cleaning the camshaft

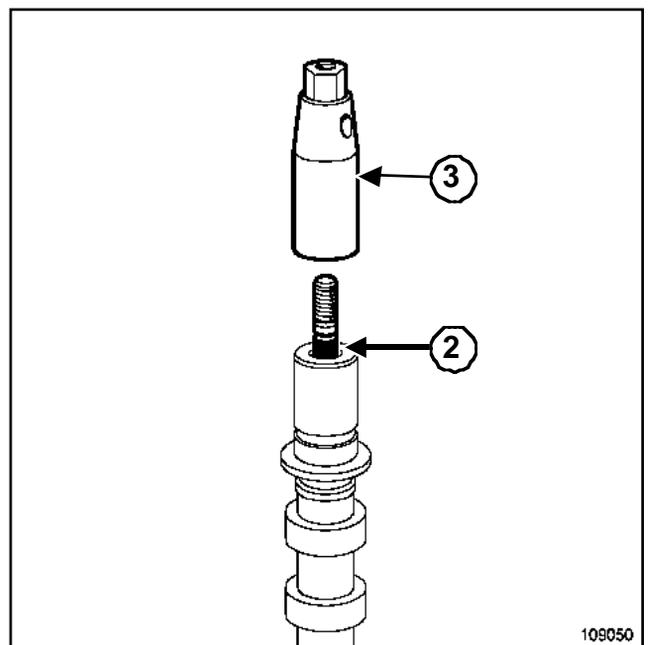
WARNING

Clean the threaded hole of the camshaft carefully to prevent foreign bodies from entering the latter.

Failure to follow this advice could lead to the blocking of the oil inlet holes, which would quickly result in engine damage.

3 - Refitting

- Place the camshaft in a vice fitted with **aluminium jaws**.



- Fit the new camshaft dowel (precoated section (2) on the camshaft side).
- Torque tighten **the camshaft dowel (0.8 daNm)** using a **Roller-type stud removal tool(3)**.