

SB-10044699-6072SI M11 03 12
EngineJune 2012
Technical Service**SUBJECT****Resealing the Engine Oil Pan****MODEL**

R55 (Cooper Clubman and Cooper S Clubman) with N12, N14, N16 and N18 engine

R56 (Cooper and Cooper S) with N12, N14, N16 and N18 engine

R57 (Cooper and Cooper S Convertible) with N12, N14, N16 and N18 engine

R58 (Cooper Coupe and Cooper S Coupe) with N16 and N18 engine

R59 (Cooper Roadster and Cooper S Roadster) with N16 and N18 engine

R60 (Cooper Countryman and Cooper S Countryman) with N16 and N18 engine

SITUATION

The replacement engine oil pan gasket available via EPC (P/N 11 13 7 565 928) should no longer be used when resealing the engine oil pan. A substitute flexible liquid sealing material, P/N 83 19 0 404 517 (Loctite 5970), should be used.

CAUSE

Removal of the engine oil pan can cause deformation (increased tolerances) of the sealing flange.

CORRECTION

The flexible liquid Loctite sealer (P/N 83 19 0 404 517) is more adaptable for increased tolerances.

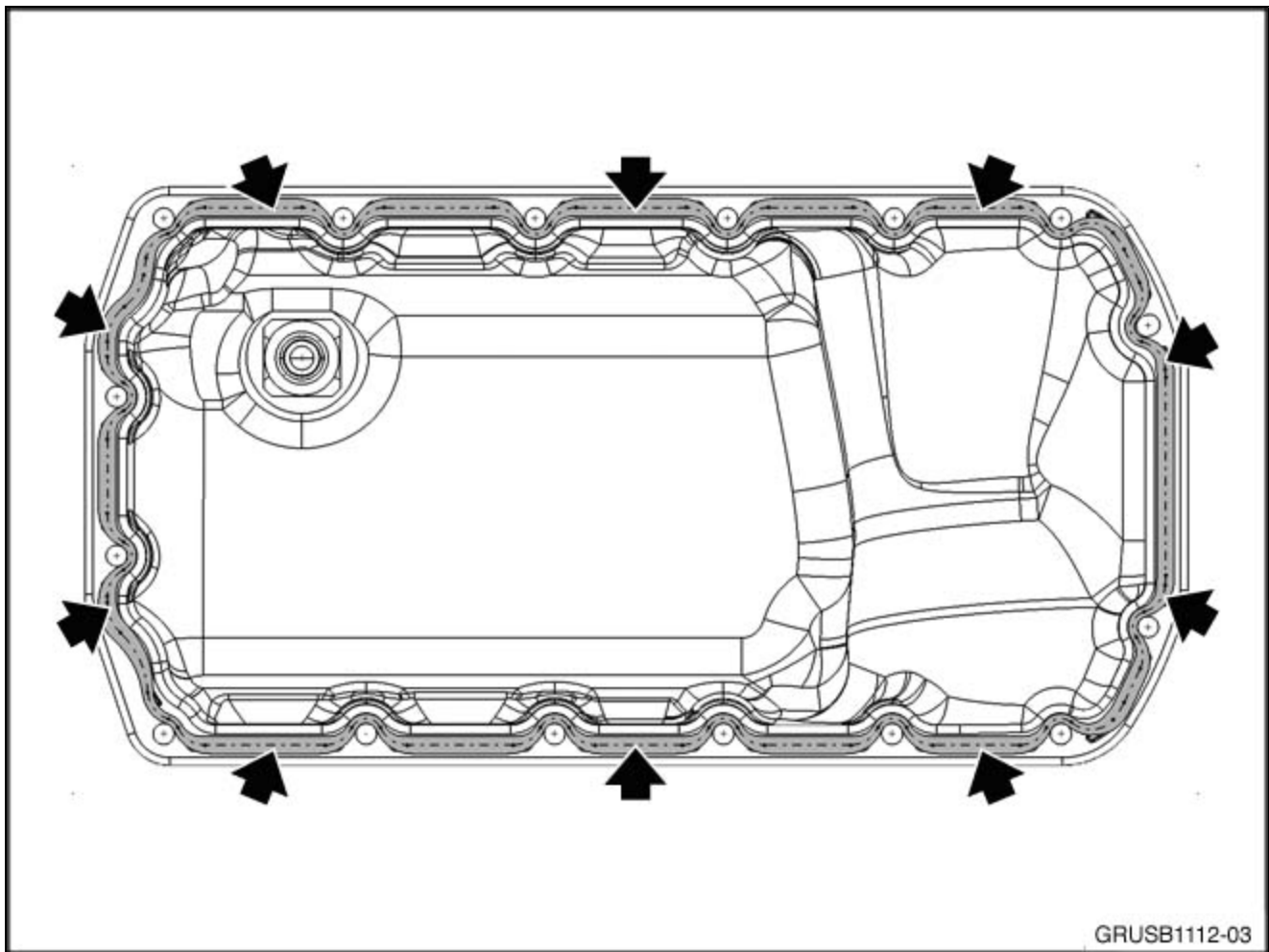
PROCEDURE

Before reinstalling the engine oil pan, it must be cleaned of all adhesive residues.

Apply Loctite 5970 (P/N 83 19 0 404 517) to the sealing surface of the engine oil pan. The bead of flexible liquid sealer should be approximately 2mm-2.5mm in height when applied. The sealing material should be applied to the engine oil pan on the inboard side of the drilled fastener holes. Refer to the illustration for proper flexible liquid sealer location.

For proper tightening torque and vehicle reassembly procedures, refer to Repair Instructions 11 13 000, "Removing and installing engine oil pan."

The Repair Instructions will be updated with the release of ISTA/D 2.32.0.



PARTS INFORMATION

Part Number	Description	Quantity
83 19 0 404 517	Loctite 5970	1

WARRANTY INFORMATION

Not applicable.

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