

Oil Seeping from Sealing Check Ball in Cylinder Head.

Topic number	LI01.30-P-058630
Version	3
Function group	01.30 Cylinder head
Date	04-26-2018
Validity	Engine 157, engine 276 and engine 278. Up to engine 2769xx 30 530090 2789xx 30 141210
Reason for change	Restricted to engine 157, 278 and 276.9
Reason for block	

Complaint:

Minor oil leaks near the end of the oil galleys of the left and/or right cylinder head on engines 157, 276 and 278.

1. Left cylinder head: Oil emanating from hole on left beside mechanical vacuum pump.
2. Right cylinder head: Oil emanating from hole below high-pressure pump housing.

Cause:

Surface imperfections at the sealing site of the oil galley near the area of the check ball.

Remedy:

Installation of a cylinder pin at the end of the oil galley (per the repair description in the documentation).

Attachments	
File	Description
Reparaturanleitung Kugelverschluß Hauptölkanal am Zylinderkopf MOVE.pdf	Repair instructions
Repair instruction check ball at the main oil channel of left - right cylinder head.pdf	Repair instructions

Symptoms

Power generation / Engine lubrication/oil cooling / Leakage / External oil loss

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
N 000000 002507			Cylinder pin	1	Knock cylinder pin flush into hole.	X
A 001 986 71 71	10		Cleaning agent	1		X
A 007 989 79 71	09		Thread locking compound	1		X

XENTRY TIPS

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			01024 04	

Validity		
Vehicle	Engine	Transmission
*	157	*
*	278	*
*	276.958	*
*	276.954	*
*	276.956	*
*	276.955	*
*	276.960	*
*	276.952	*
*	276.950	*
*	276.957	*