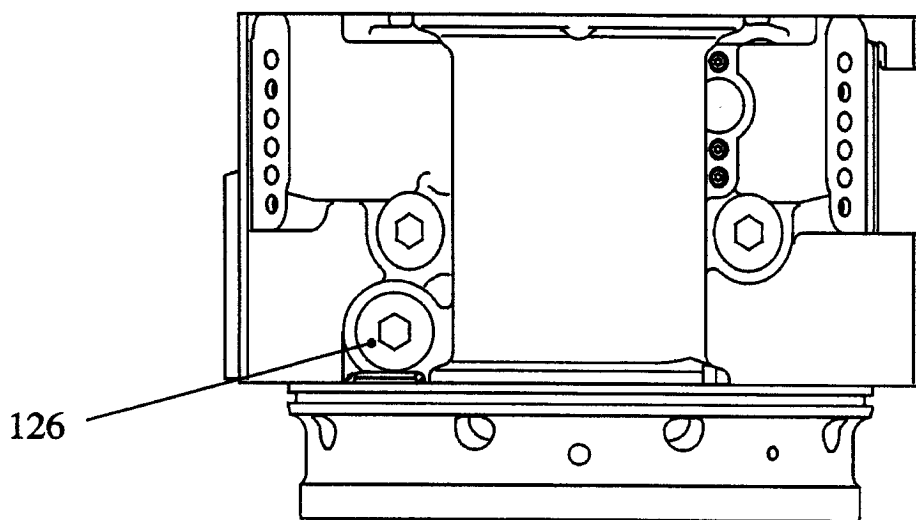


Cylinder Head Screw Plugs Starting Air Channel

M32

We know of two cases where the brass screw plug (item 126) of the cylinder head was pressed out in consequence of a starting valve damage.



Origin of these cases was a starting valve damage. As a result high exhaust gases entered into the starting air channel of the cylinder head concerned. Due to the high temperatures the brass material of the screw plug became overheated which led to loosening from the cylinder head.

In the meantime the cylinder heads are provided as standard equipment with screw plugs out of steel which have an increased resistance to heat. We know all engines delivered with brass screw plugs.

To exclude definitely loosening of the screw plug and the risks involved we have decided to deliver steel screw plugs for retrofitting to all customers concerned free of charge.

Your appropriate Caterpillar Service Organization will provide you with the necessary number of steel screw plugs and joint rings to retrofit the engine and spare cylinder head. The tightening torque of the plugs is 400 Nm. Please replace the old brass screw plugs on all cylinder heads by the new ones at your earliest convenience.

Cylinder Head

M32

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POS. ITEM	BENENNUNG DESCRIPTION	STCK NUMBER	BEST.-NR PART NO.	NORMTEIL STANDARD NO.	
	ZYLINDERKOPF, UNTERGR. CYLINDER HEAD SUBASSEMBLY	+* 1			
103	HÜLSE SLEEVE	1	9.2151-3		
104	VENTILSITZRING, EINLASS INLET VALVE SEAT INSERT	2	9.2151-4		
105	VENTILSITZRING, AUSLASS EXHAUST VALVE SEAT INSERT	2	9.2151-5		
107	VERSCHLUSSSCHRAUBE SCREW PLUG	1	M10X1	DIN906	ST-A3C
108	VERSCHLUSSSCHRAUBE HEXAGON HEAD SCREW PLUG	1	G1/2A	DIN910	ST
109	VERSCHLUSSSCHRAUBE SCREW PLUG	4	M10X1	DIN908	ST-A3C
110	VERSCHLUSSSCHRAUBE SCREW PLUG	4	M33X2	DIN908	CUZN
111	VERSCHLUSSSCHRAUBE SCREW PLUG	7	M42X2	DIN908	CUZN
112	VERSCHLUSSSCHRAUBE SCREW PLUG	6	M52X2	DIN908	CUZN
116	DICHTRING JOINT RING	# 4	A10X14	DIN7603	CU
117	DICHTRING JOINT RING	# 1	A21X26	DIN7603	CU
118	DICHTRING JOINT RING	# 4	A33X39	DIN7603	CU
119	DICHTRING JOINT RING	# 7	A42X49	DIN7603	CU
120	DICHTRING JOINT RING	# 7	A52X60	DIN7603	CU
124	O-RING O-RING	# 1	1.7084-637		
125	O-RING O-RING	# 1	1.7084-620		
126	VERSCHLUSSSCHRAUBE SCREW PLUG	1	1.0041-820		

Jede Bestellung muß folgende Angaben enthalten: **Motor-Nr. / Ersatzteilblatt-Nr. / Bestell-Nr.**
Each order must include the following: **Engine No./Spare part No./Order No.**

Cylinder Head

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