

PRODUCT TECHNICAL INFORMATION



SUBJECT

Improvement Camshaft Chain drive for DV5 Stellantis Engine

PRODUCTS DESIGNATIONS

VKML 83506-1



CAR MANUFACTURERS - BRANDS

Citroën : C3 (B6) / C3 Aircross / C4 Cactus / C4 Picasso (B78) / C5 Aircross / Berlingo (K9)
Peugeot : 208 I (A9) / 208 II (P21) / 2008 I (A94) / 2008 II (P24) / 3008 / 508 / 5008 / Rifter



SKF Kit

OE number (equivalency)

VKML 83506-1 Chain = 9830146880, SU001-B3237, 98 301 468 80, 98 301 468 80, 98 301 468 80, 98 301 468 80
Cover = 98 305 804 80, 98 305 804 80
Seal = 16 381 593 80, 16 381 593 80, 3111.27, 3111.27, 16 844 499 80, 16 844 499 80, 9823920080, SU001-A7965, 98 239 200 80, JX6Q-6L270-BA, 98 239 200 80, 9823920080, 3557000, 3557000, 2191039, 9823920080
Shaft ADM = 98 286 553 80, 98 286 553 80
Shaft Exh = 98 286 555 80, 98 286 555 80

The issue with Stellantis 1.5 BlueHDi engine is characterized by two symptoms : The first is a rattling noise in the valve train due to play in the camshaft drive chain. The second is a failure to start the engine when the chain breaks, leading to varying degrees of deterioration (bent valves, damaged cylinder head, etc.). In both cases, the chain connecting the two camshafts is the cause.

The improvement proposed by Stellantis and followed by SKF is to move from 7 MM chain to a 8mm chain .

For this improvement , complete conversion kit needs to be used.



7 mm Chain OE



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