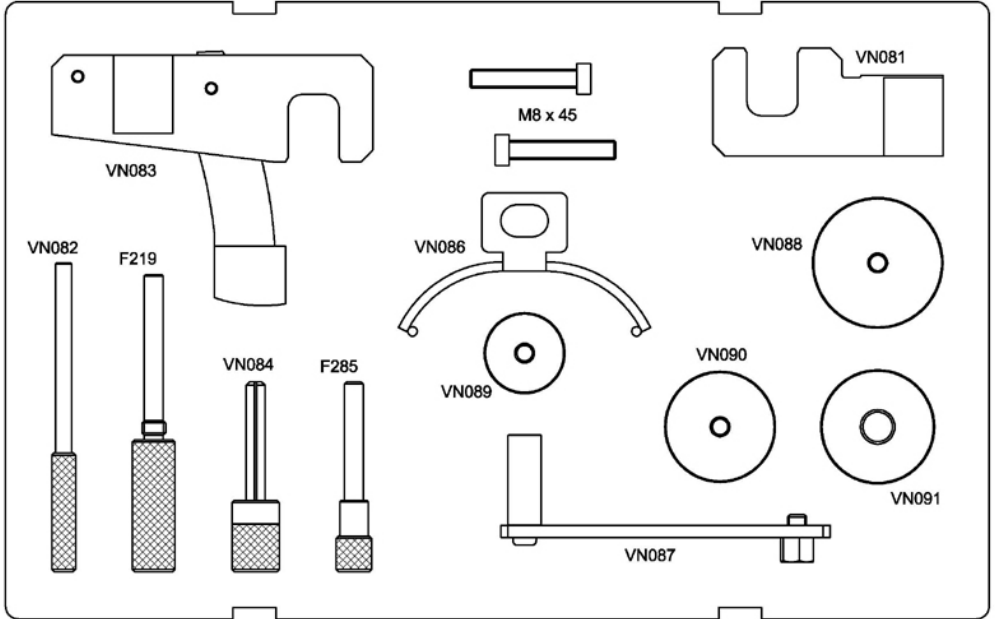


 **Beta**  
**1461/C11G**



EN

INSTRUCTIONS FOR USE



# INSTRUCTIONS FOR USE

EN

## DRIVING SHAFT AND CAMSHAFT TIMING KIT FOR RENAULT DIESEL ENGINES

### PARTS:

Beta item number	OEM item number	Description
VN081	Mot 1534; KM-6205	Renault induction camshaft locking device
VN083	Mot 1537; KM-6204	+ hexagonal cheese-head screw 8x45
VN086	Mot 1200-01	Renault exhaust camshaft locking device
VN087	Mot 1543; KV113B0360; KM-6234	Injection pump pinion locking device
VN089		Tensioning device
VN090		Bush Ø 34 L=24
VN091		Bush Ø 46.7 L=29
VN088		Bush Ø 48 L=10
VN082	Mot 1536; KM-6203	Driving shaft locking pin
F285	Mot 1054; KM-6031; KV113B0280	Driving shaft timing pin
VN084	Mot 1430; KV113B0110	Camshaft timing pin
F219	Mot 1489; KV113B0130	Driving shaft timing pin

### APPLICATION

Brand	Model	Engine	Engine item number	
Renault	Clio, Kangoo, Laguna, Espace, Master, Mégane/ Scénic, Trafic	1.5 dCi, 1.9 TD, 1.9 dCi, 2.2dCi, 2.5dCi	K9K 700, K9K 702, K9K 704, K9K 706, K9K 710, K9K 712, K9K 714, K9K 716, K9K 718, K9K 722, K9K 724, K9K 728, K9K 729, K9K 732, K9K 734, K9K 750, K9K 752, K9K 760, K9K 762, K9K 764, K9K 766, K9K 768, K9K 790, K9K 792, K9K 830, K9K 832, K9K 834, K9K 836, F9Q 650, F9Q 660, F9Q 664, F9Q 670, F9Q 674, F9Q 680, F9Q 690, F9Q 740, F9Q 746, F9Q 748, F9Q 750, F9Q 751, F9Q 752, F9Q 754, F9Q 755, F9Q 758, F9Q 759, F9Q 772, F9Q 774, F9Q 800, F9Q 803, F9Q 804, F9Q 808, F9Q 812, F9Q 814, F9Q 818, F9Q 820, F9Q 826, F9Q 770, F9Q 790, F9Q 870, F9Q 872, F9Q 780, F9Q 782, F9Q 730, F9Q 734, G9T 600, G9T 605, G9T 606, G9T 607, G9T 642, G9T 700, G9T 702, G9T 703, G9T 704, G9T 706, G9T 707, G9T 720, G9T 722, G9T 750, G9T 742, G9T 743, G9U 630, G9U 632, G9U 650, G9U 720, G9U 724, G9U 726, G9U 730, G9U 750, G9U 754, K9K	
			Nissan	Kubistar, Interstar, Qashqai
			Opel	Vivaro, Movano
Suzuki	Gran Vitara			

Engine item number	OEM item number			
	Mot 1534; KM-6205	Mot 1537; KM-6204	Mot 1200-01	Mot 1543; KV113B0360; KM-6234
F9Q 650, F9Q 660, F9Q 664, F9Q 670, F9Q 674, F9Q 680, F9Q 690, F9Q 740, F9Q 746, F9Q 748, F9Q 750, F9Q 751, F9Q 752, F9Q 754, F9Q 755, F9Q 758, F9Q 759, F9Q 772, F9Q 774, F9Q 800, F9Q 803, F9Q 804, F9Q 808, F9Q 812, F9Q 814, F9Q 818, F9Q 820, F9Q 826				•
F9Q 770, F9Q 790, F9Q 870, F9Q 872, F9Q 780, F9Q 782			•	
G9T 600, G9T 605, G9T 606, G9T 607, G9T 642, G9T 700, G9T 702, G9T 703, G9T 704, G9T 706, G9T 707, G9T 720, G9T 722, G9T 750, G9T 742, G9T 743	•	•		
G9U 630, G9U 632, G9U 650, G9U 720, G9U 724, G9U 726, G9U 730, G9U 750, G9U 754	•	•		
F9Q, F9Q 760, F9Q 762, F9Q 772, F9Q 774				•
G9T 720, G9T 750	•	•		
G9U 630, G9U 632, G9U 650, G9U 724, G9U 726, G9U 730, G9U 750, G9U 754	•	•		

Engine item number	OEM item number			
	Mot 1536 / KM-6203	Mot 1054 / KM-6031 / KV113B0280	Mot 1430 / KV113B0110	Mot 1489 / KV113B0130
K9K 700, K9K 702, K9K 704, K9K 706, K9K 710, K9K 712, K9K 714, K9K 716, K9K 718, K9K 722, K9K 724, K9K 728, K9K 729, K9K 732, K9K 734, K9K 750, K9K 752, K9K 760, K9K 762, K9K 764, K9K 766, K9K 768, K9K 790, K9K 792, K9K 830, K9K 832, K9K 834, K9K 836			•	•
F9Q 650, F9Q 660, F9Q 664, F9Q 670, F9Q 674, F9Q 680, F9Q 690, F9Q 740, F9Q 746, F9Q 748, F9Q 750, F9Q 751, F9Q 752, F9Q 754, F9Q 755, F9Q 758, F9Q 759, F9Q 772, F9Q 774, F9Q 800, F9Q 803, F9Q 804, F9Q 808, F9Q 812, F9Q 814, F9Q 818, F9Q 820, F9Q 826		•		
F9Q 770, F9Q 790, F9Q 870, F9Q 872, F9Q 780, F9Q 782		•		
F9Q 730, F9Q 734		•		
G9T 600, G9T 605, G9T 606, G9T 607, G9T 642, G9T 700, G9T 702, G9T 703, G9T 704, G9T 706, G9T 707, G9T 720, G9T 722, G9T 750, G9T 742, G9T 743	•			
G9U 630, G9U 632, G9U 650, G9U 720, G9U 724, G9U 726, G9U 730, G9U 750, G9U 754	•			
K9K, K9K 702, K9K 704, K9K 710, K9K 714, K9K 718			•	•
F9Q, F9Q 760, F9Q 762, F9Q 772, F9Q 774		•		
G9T 720, G9T 750	•			
G9U 630, G9U 632, G9U 650, G9U 724, G9U 726, G9U 730, G9U 750, G9U 754	•			



### **Safety Precautions - Please read**

- Disconnect the battery earth leads (check radio code is available)
- Remove spark or glow plugs to make the engine turn easier
- Do not use cleaning fluids on belts, sprockets or rollers
- Always make a note of the route of the auxiliary drive belt before removal
- Turn the engine in the normal direction (clockwise unless stated otherwise)
- Do not turn the camshaft, crankshaft or diesel injection pump once the timing chain has been removed (unless specifically stated)
- Do not use the timing chain to lock the engine when slackening or tightening crankshaft pulley bolts
- Do not turn the crankshaft or camshaft when the timing belt/chain has been removed
- Mark the direction of the chain before removing
- It is always recommended to turn the engine slowly, by hand and to re-check the camshaft and crankshaft timing positions.
- Crankshafts and Camshafts may only be turned with the chain drive mechanism fully installed.
- Do not turn crankshaft via camshaft or other gears
- Check the diesel injection pump timing after replacing the chain
- Observe all tightening torques
- Always refer to the vehicle manufacturer's service manual or a suitable proprietary instruction book
- Incorrect or out of phase engine timing can result in damage to the valves
- It is always recommended to turn the engine slowly, by hand, and to re-check the camshaft and crankshaft timing positions