

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	
Note: CSCs sold separately										

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ALFA ROMEO

MiTo (955)										
1.3 JTDM	90hp	199A3.000	1248cc	9/08 ->	CK10080F	CK10111S	220	220	22	NSC0048 (Not included)

AUDI

A3 (8L1)										
1.8 T (5-speed)	150hp	AGU AQA ARZ AUM	1781cc	6/00-5/03	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T (5-speed)	180hp	AUQ AJQ ARY	1781cc	5/00-5/03	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T (6-Speed)	180hp	APP	1781cc	6/00-5/03	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.8 T Quattro (6-Speed)	150hp	AGU AQA ARX	1781cc	97-5/03	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.8 T Quattro (6-Speed)	180hp	AJQ ARY	1781cc	6/99-5/03	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.9 TDI	90hp	AGR ALH	1896cc	9/96-7/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	100hp	ATD AXR	1896cc	12/01-5/03	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	110hp	AHF ASV	1896cc	8/97-7/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	130hp	ASZ	1896cc	8/00->	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
1.9 TDi Quattro	130hp	ASZ	1896cc	8/00->	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
S3	224hp	BAM	1781cc	10/01-5/03	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
S3 Quattro	210hp	AMK APY	1781cc	5/99-5/03	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)

A3 (8P1)										
1.6 TDi	90hp	CAYB	1598cc	5/09-8/12	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.6 TDi	105hp	CAYC	1598cc	5/09-8/12	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi	105hp	BKC BLS BXE	1896cc	6/03->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 FSi	150hp	AXW BLR BLX BLY BMB	1984cc	5/03-6/08	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi	140hp	BMM	1968cc	2/07-4/07	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	136hp	AZV CBAA CFFA	1968cc	5/03->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	163hp	BUY	1968cc	6/06-6/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	170hp	BMN CBBB CFGB	1968cc	5/06-4/07	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi Quattro	170hp	BMN CBBB CFGB	1968cc	5/06-4/07	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi Quattro	136hp	AZV	1968cc	5/03->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi Quattro	140hp	BMM	1968cc	1/06->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)

A3 (8PA) Sportback										
1.6 TDi	90hp	CAYB	1598cc	5/09-8/12	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.6 TDi	105hp	CAYC	1598cc	5/09-8/12	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi	105hp	BKC BLS	1896cc	6/03->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 FSi	150hp	BLR BLX BLY BVY BVZ	1984cc	9/04-6/08	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi	163hp	BUY	1968cc	6/06-6/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	170hp	BMN CBBB CFGB	1968cc	5/06-4/07	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	140hp	BMM	1968cc	11/04-4/07	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi Quattro	140hp	BMM	1968cc	1/06->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi Quattro	170hp	BMN CBBB CFGB	1968cc	5/06-4/07	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)

A3 (8P7) Convertible										
1.6 TDi	105hp	CAYC	1598cc	5/09-8/12	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi	105hp	BLS	1896cc	6/03->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 TDi	140hp	CBAB CFFB	1968cc	4/08->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)

A4 (8D2, B5)										
1.8	125hp	ADR APT ARG AW	1781cc	1/95-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Quattro	129hp	ADR APT ARG AW	1781cc	1/95-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo	150hp	AEB ANB APU ARK AWT	1781cc	1/95-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo	180hp	AJL	1781cc	12/97-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo Quattro	150hp	AEB ANB APU ARK AWT	1781cc	1/95-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo Quattro	180hp	AJL	1781cc	12/97-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.9 TDi	75hp	AFF	1896cc	12/95-11/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi	90hp	AHH, AHU, 1Z	1896cc	1/95-11/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi	110hp	AFN, AVG	1896cc	10/95-11/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi Quattro	110hp	AFN, AVG	1896cc	10/96-11/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing

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AUDI										
A4 (8D5, B5) Avant										
1.8 Turbo	180hp	AJL	1781cc	12/97-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo Quattro	180hp	AJL	1781cc	12/97-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.9 DUO	90hp	AHU	1896cc	3/98-9/01	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi	75hp	AFF	1896cc	3/96-9/01	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi	90hp	AHH, AHU, 1Z	1896cc	2/96-9/01	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi	110hp	AFN, AVG	1896cc	3/96-12/99	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi Quattro	110hp	AFN, AVG	1896cc	9/96-9/01	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
A4 (8E2, B6)										
1.8 Turbo	150hp	AVJ	1781cc	11/00-7/02	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo Quattro	150hp	AVJ	1781cc	11/00-7/02	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.9 TDi	101hp	AVB	1896cc	3/00-11/00	CK 9941F	CK 9947S	230	230	23	Normal Release Bearing
1.9 TDi	115hp	AJM	1896cc	11/00-12/04	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
1.9 TDi	130hp	AWX	1896cc	11/00-12/04	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
1.9 TDi	130hp	AVF	1896cc	5/01-5/04	CK 9983F	CK10038S	240	240	23	Normal Release Bearing
2.0	130hp	ALT	1984cc	11/00-12/04	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
2.0 FSi	130hp	AWA	1984cc	7/02-12/04	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
A4 (8E2, B6) Avant										
1.8 Turbo	150hp	AVJ	1781cc	9/01-6/02	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo Quattro	150hp	AVJ	1781cc	9/01-6/02	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.9 TDi	115hp	AJM	1896cc	3/00-9/01	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
1.9 TDi	130hp	AWX	1896cc	9/01-6/03	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
1.9 TDi	130hp	AVF	1896cc	9/01-12/04	CK 9983F	CK10038S	240	240	23	Normal Release Bearing
1.9 TDi Quattro	130hp	AVF	1896cc	11/04-12/04	CK 9983F	CK10038S	240	240	23	Normal Release Bearing
2.0	130hp	ALT	1984cc	7/01-9/04	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
2.0 FSi	150hp	AWA	1984cc	7/02-12/04	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
A4 (8EC)										
1.8 Turbo	163hp	BFB	1781cc	11/04->	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo Quattro	163hp	BFB	1781cc	11/04->	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
2.0	130hp	ALT	1984cc	11/04-6/08	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
A4 (8H7, 8HE) Cabrio										
1.8 Turbo	163hp	BFB	1781cc	12/02-12/05	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo Quattro	163hp	BFB	1781cc	12/02-12/05	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
2.0	130hp	ALT	1984cc	11/04-12/05	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
A6 (4A, C4)										
1.8	125hp	ADR	1781cc	12/95-9/97	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Quattro	125hp	ADR	1781cc	12/95-9/97	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
A6 (4B, C5)										
1.8	125hp	AJP AQE ARH	1781cc	7/97-5/01	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo	180hp	AJL	1781cc	12/97-5/01	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo	150hp	AEB ANB APU ARK AWL AWT	1781cc	1/97-5/01	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo Quattro	180hp	AJL	1781cc	12/97-5/01	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo Quattro	150hp	AEB ANB APU ARK AWT	1781cc	5/97-5/01	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.9 TDi	115hp	AJM	1896cc	4/97-8/01	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
1.9 TDi	130hp	AWX	1896cc	10/02-5/04	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
1.9 TDi	110hp	AFN, AVG	1896cc	4/97-10/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi	130hp	AVF	1896cc	10/02-5/04	CK 9983F	CK10038S	240	240	23	Normal Release Bearing
2.0	130hp	ALT	1984cc	8/01-5/04	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
Cabriolet (8G7, B4)										
1.8	125hp	ADR	1781cc	4/97-8/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing

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AUDI

TT (8N3)										
1.8 T (5-speed)	150hp	AUM	1781cc	9/02-6/06	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T (5-speed)	163hp	BVP	1781cc	9/05->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T (5-speed)	180hp	AJQ AUQ	1781cc	7/00-6/06	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T Quattro	180hp	AJQ ARY	1781cc	9/00-10/05	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.8 T Quattro	224hp	APX BAM	1781cc	9/00-10/05	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
TT (8N9) Roadster										
1.8 T (5-speed)	150hp	AUM	1781cc	1/01-6/06	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T (5-speed)	180hp	AJQ AUQ APP	1781cc	7/00-6/06	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T Quattro	180hp	AJQ ARY	1781cc	9/05-11/06	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.8 T Quattro	190hp	BVR	1781cc	2/00-6/06	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.8 T Quattro	224hp	APX BAM	1781cc	10/99-6/06	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)

BMW

X1 (E84)										
sDrive 18i	150hp	N46B20B	1995cc	1/10 ->	CK10215F	NYA	240	240	22	Normal Release Bearing
sDrive 18d	143hp	N47D20	1995cc	10/09 ->	CK10089F	CK10113S	240	240	22	Normal Release Bearing
xDrive 18d	143hp	N47D20	1995cc	10/09 ->	CK10089F	CK10113S	240	240	22	Normal Release Bearing
sDrive 20d	177hp	N47D20	1995cc	10/09 ->	CK10089F	CK10113S	240	240	22	Normal Release Bearing
xDrive 20d	177hp	N47D20	1995cc	10/09 ->	CK10089F	CK10113S	240	240	22	Normal Release Bearing
X3 (E83)										
xDrive 18d	143hp	N47D20	1995cc	9/08 ->	CK10089F	CK10113S	240	240	22	Normal Release Bearing
xDrive 20i	150hp	N46B20	1995cc	9/08 ->	CK10089F	CK10113S	240	240	22	Normal Release Bearing
xDrive 20d	177hp	N47D20	1995cc	9/08 ->	CK10089F	CK10113S	240	240	22	Normal Release Bearing
Z3 (E36)										
1.9	116hp	M43B19	1895cc	1/99-1/03	CK10108F	CK10117S	228	228	10	Normal Release Bearing
1.9	118hp	M43B19	1895cc	7/98-1/03	CK10108F	CK10117S	228	228	10	Normal Release Bearing
2.0	150hp	M52B20	1991cc	4/99-1/03	CK10101F	CK10114S	240	240	10	Normal Release Bearing
2.2	170hp	M54B22	2171cc	8/00-1/03	CK10101F	CK10114S	240	240	10	Normal Release Bearing
2.8	192hp	M52B28	2793cc	4/97-6/00	CK10085F	CK10112S	240	240	10	Normal Release Bearing
3.0	231hp	M54B30	2979cc	6/00-6/03	CK10085F	CK10112S	240	240	10	Normal Release Bearing
Z4 (E85)										
2.0 i	150hp	N46B20	1995cc	4/05-5/07	CK10216F	NYA	228	228	22	Normal Release Bearing
1 Series (E81, E82, E87, E88)										
116i	122hp	N43B16, N45B16	1597cc	11/03-9/12	CK10215F	NYA	228	228	10	Normal Release Bearing
116i	122hp	N43B20	1995cc	11/03-9/12	CK10215F	NYA	228	228	10	Normal Release Bearing
116d	116hp	N47D20	1995cc	11/08-9/12	CK10089F	CK10113S	240	240	22	Normal Release Bearing
118i	143hp	N43B20	1995cc	9/06-9/12	CK10215F	NYA	228	228	10	Normal Release Bearing
118d	136hp	N47D20	1995cc	9/06-9/12	CK10089F	CK10113S	240	240	22	Normal Release Bearing
118d	143hp	N47D20 M47D20	1995cc	9/06-9/12	CK10089F	CK10113S	240	240	22	Normal Release Bearing
120i	163hp	N43B20, N46B20	1995cc	9/06-5/07	CK10216F	NYA	228	228	22	Normal Release Bearing
120i	170hp	N43B20, N46B20	1995cc	9/06-5/07	CK10216F	NYA	228	228	22	Normal Release Bearing
120i	170hp	N43B20, N46B20	1995cc	8/09-9/12	CK10215F	NYA	228	228	10	Normal Release Bearing
120d	163hp	N47D20	1995cc	9/06-9/12	CK10089F	CK10113S	240	240	22	Normal Release Bearing
3 Series (E36)										
316i	105hp	M43B19	1895cc	12/98-8/00	CK10108F	CK10117S	228	228	10	Normal Release Bearing
323ti	170hp	M52B25	2494cc	3/99-8/00	CK10101F	CK10114S	240	240	10	Normal Release Bearing
325ti	192hp	M54B25	2494cc	6/01-3/03	CK10101F	CK10114S	240	240	10	Normal Release Bearing

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BMW										
3 Series (E46)										
316i	105hp	M43B16	1596cc	4/00-2/05	CK10108F	CK10117S	228	228	10	Normal Release Bearing
316i	105hp	M43B19	1895cc	9/98-2/05	CK10108F	CK10117S	228	228	10	Normal Release Bearing
316i	115hp	N45B16	1596cc	6/02-8/03	CK10118F	NYA	228	228	10	Normal Release Bearing
316i	115hp	N45B16	1596cc	9/03-2/05	CK10107F	CK10116S	228	228	22	Normal Release Bearing
316i	115hp	N42B20 N46B20	1796cc	6/02-8/03	CK10118F	NYA	228	228	10	Normal Release Bearing
316i	115hp	N42B20 N46B20	1796cc	9/03-2/05	CK10107F	CK10116S	228	228	22	Normal Release Bearing
316ti	115hp	N42B86 N46B18	1796cc	3/02-8/03	CK10118F	NYA	228	228	10	Normal Release Bearing
316ti	115hp	N42B86 N46B18	1796cc	9/03-2/05	CK10107F	CK10116S	228	228	22	Normal Release Bearing
316ti Compact	115hp	N42B86 N46B18	1796cc	6/01-8/03	CK10118F	NYA	228	228	10	Normal Release Bearing
316ti Compact	115hp	N42B86 N46B18	1796cc	9/03-2/05	CK10107F	CK10116S	228	228	22	Normal Release Bearing
318i	118hp	M43B19	1895cc	2/98-9/01	CK10108F	CK10117S	228	228	10	Normal Release Bearing
320i	170hp	M54B22	2171cc	9/00-2/05	CK10101F	CK10114S	240	240	10	Normal Release Bearing
320i	150hp	M52B20	1991cc	3/98-9/00	CK10101F	CK10114S	240	240	10	Normal Release Bearing
323i	170hp	M52B25	2494cc	3/98-9/00	CK10101F	CK10114S	240	240	10	Normal Release Bearing
325i (RWD)	192hp	M54B25	2494cc	9/00-2/05	CK10101F	CK10114S	240	240	10	Normal Release Bearing
325xi	192hp	M54B25	2494cc	9/00-2/05	CK10085F	CK10112S	240	240	10	Normal Release Bearing
328i	193hp	M52B28	2793cc	2/98-6/00	CK10085F	CK10112S	240	240	10	Normal Release Bearing
330i	231hp	M54B30	2979cc	6/00-2/05	CK10085F	CK10112S	240	240	10	Normal Release Bearing
330xi	231hp	M54B30	2979cc	6/00-2/05	CK10085F	CK10112S	240	240	10	Normal Release Bearing
330Ci	231hp	M54B30	2979cc	6/00-2/07	CK10085F	CK10112S	240	240	10	Normal Release Bearing
3 Series (E90, E91, E92, E93)										
316d	116hp	N47D20	1995cc	7/09-12/11	CK10089F	CK10113S	240	240	22	Normal Release Bearing
318d	136hp	N47D20	1995cc	7/07-12/11	CK10089F	CK10113S	240	240	22	Normal Release Bearing
318d	143hp	N47D20	1995cc	9/07-12/11	CK10089F	CK10113S	240	240	22	Normal Release Bearing
318i	129hp	N46B20B	1995cc	9/05-5/07	CK10216F	NYA	228	228	22	Normal Release Bearing
320i	150hp	N46B20	1995cc	1/05-5/07	CK10216F	NYA	228	228	22	Normal Release Bearing
320 si	173hp	N45B20	1997cc	1/05-5/07	CK10216F	NYA	228	228	22	Normal Release Bearing
320d	177hp	N47D20	1995cc	9/07-12/11	CK10089F	CK10113S	240	240	22	Normal Release Bearing
320d xDrive	177hp	N47D20	1995cc	9/08-12/11	CK10089F	CK10113S	240	240	22	Normal Release Bearing
5 Series (E39)										
528i	193hp	M52B28	2793cc	11/95-9/00	CK10085F	CK10112S	240	240	10	Normal Release Bearing
530i	231hp	M54B30	2979cc	9/00-6/03	CK10085F	CK10112S	240	240	10	Normal Release Bearing
528i, iL	193hp	M52B28	2793cc	8/95-11/01	CK10085F	CK10112S	240	240	10	Normal Release Bearing
5 Series (E60, E61)										
520i	170hp	M54B22	2171cc	9/00-6/03	CK10101F	CK10114S	240	240	10	Normal Release Bearing
520i	136hp	M52B20	1991cc	4/99-6/03	CK10101F	CK10114S	240	240	10	Normal Release Bearing
520i	150hp	M52B20	1991cc	10/97-9/00	CK10101F	CK10114S	240	240	10	Normal Release Bearing
523i	170hp	M52B25	2494cc	10/97-9/00	CK10101F	CK10114S	240	240	10	Normal Release Bearing
525i	192hp	M54B25	2494cc	9/00-6/03	CK10101F	CK10114S	240	240	10	Normal Release Bearing
520d	163hp	N47D20 M47D20	1995cc	9/07-3/10	CK10089F	CK10113S	240	240	22	Normal Release Bearing
520d	177hp	N47D20 M47D20	1995cc	9/07-3/10	CK10089F	CK10113S	240	240	22	Normal Release Bearing

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions	Bearing Type
							Cover Plate Teeth	Note: CSCs sold separately

Some SMF kits contain specially designed replacement cover bolts, do not re-use original bolts. All kits for manual gearbox unless stated otherwise.

CITROEN

C3								
1.6 16v HDi	109hp	9HZ (DV6TED4)	1560cc	10/05-3/08	CK10051F	CK10066S	228 228 18	5-Speed, Normal Bearing
C4								
2.0 HDi	136hp	RHR	1997cc	11/04-9/06	CK10040F	CK10063S	240 240 21	Normal Release Bearing
2.0 HDi	136hp	RHR	1997cc	10/06-10/07	CK10046F	CK10065S	240 240 21	Normal Release Bearing
2.0 HDi	140hp	RHF	1997cc	7/08 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
C4 Grand Picasso								
2.0 HDi 138	136hp	RHJ RHR	1997cc	12/06 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
C4 Picasso								
2.0 HDi 138	136hp	RHJ RHR	1997cc	3/07 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
C5 Hatch/Estate								
1.6 HDi	109hp	9HY 9HZ (DV6TED4)	1560cc	9/04 ->	CK10051F	CK10066S	228 228 18	5-Speed, Normal Bearing
2.0 HDi	110hp	RHS RHZ	1997cc	3/01-8/04	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
2.0 HDi	136hp	RHR	1997cc	9/04-9/06	CK10040F	CK10063S	240 240 21	Normal Release Bearing
2.0 HDi	136hp	RHR	1997cc	9/06 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
2.0 HDi	140hp	RHF	1997cc	4/09 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
C8								
2.0 HDi	110hp	RHM RHT RHW	1997cc	7/02-7/06	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
Dispatch (Jumpy) Box/MPV								
2.0 HDi	110hp	RHZ	1997cc	9/00-12/06	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
2.0 HDi 120	120hp	RHK	1997cc	1/07 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
2.0 HDi 140	136hp	RHR	1997cc	1/07 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
Evasion								
2.0 HDi	110hp	RHZ	1997cc	8/99-5/02	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
2.0 HDi 16v	110hp	RHW	1997cc	1/01-5/02	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
Synergie								
2.0 HDi	110hp	RHZ	1997cc	8/99-5/02	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
2.0 HDi 16v	110hp	RHW	1997cc	1/01-5/02	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
Xsara Picasso								
1.6 HDi	109hp	9HY (DV6TED4)	1560cc	2/04-3/07	CK10051F	CK10066S	228 228 18	5-Speed, Normal Bearing

DACIA

Duster (2010 ->) 2WD/4WD								
1.5 dCi	107hp	K9K896	1461cc	6/10 ->	CK10094F	NYA	228 228 21	NSC0052 (Not Included)

FIAT

Linea (323)(Semi-Auto)								
1.3 D Multijet	90hp	199A3.000	1248cc	6/07 ->	CK10080F	CK10111S	220 220 22	NSC0046 (Not Included)
Punto, Grande Punto (199)(Includes Van)								
1.3 D Multijet	90hp	199A3.000	1248cc	1/06-3/07	CK10080F	CK10111S	220 220 22	See below for CSC
Use NSC0048 for 6-Speed Manual gearbox and NSC0046 for Semi-Auto.								
Punto Evo (Semi-Auto)								
1.3 D Multijet	75hp	199A2.000 199A9.000	1248cc	10/09-2/12	CK10080F	CK10111S	220 220 22	NSC0046 (Not Included)
1.3 D Multijet	95hp	199B1.000	1248cc	10/09-12/11	CK10080F	CK10111S	220 220 22	NSC0046 (Not Included)
Scudo (95-06) Box/Estate								
2.0 JTD	110hp	RHZ	1997cc	2/00-12/06	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
Scudo (07 ->)								
2.0 D Multijet	136hp	RHR	1997cc	1/07 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
2.0 D Multijet	120hp	RHK	1997cc	1/07 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
Ulysse (220/179AX)								
2.0 JTD	110hp	RHW	1997cc	10/99-7/06	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
2.0 D Multijet	120hp	RHK	1997cc	5/06-6/11	CK10046F	CK10065S	240 240 21	Normal Release Bearing

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	

Note: CSCs sold separately

Some SMF kits contain specially designed replacement cover bolts, do not re-use original bolts. All kits for manual gearbox unless stated otherwise.

FORD

Focus MK1

1.8 TDCi	100hp	FFDA	1753cc	8/02-11/04	CK 9836F	CK 9919S	228	228	23	NSC0014 (Not Included)
1.8 TDCi	115hp	F9DA, F9DB	1753cc	10/01-4/05	CK 9836F	CK 9919S	228	228	23	NSC0014 (Not Included)

Note: CK9919S is only for National flywheel and not compatible with any other supplier's SMF kits.

Focus MK2

1.8 TDCi	115hp	KKDA, KKDB	1753cc	10/05-6/10	CK10007F	CK10039S	240	240	23	NSC0034 (Not Included)
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Focus C-Max

1.8 TDCi	115hp	KKDA	1753cc	10/05-3/07	CK10007F	CK10039S	240	240	23	NSC0034 (Not Included)
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Galaxy (95-00)

1.9 TDi	90hp	1Z AHU ANU	1896cc	95-8/00	CK 9790F	CK 9808S	228	228	23	NSC0002 (Not Included)
1.9 TDi	110hp	AFN AVG	1896cc	95-8/00	CK 9790F	CK 9808S	228	228	23	NSC0002 (Not Included)

Galaxy (00-06)

1.9 TDi	90hp	ANU	1896cc	8/00-5/06	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
1.9 TDi	115hp	AUY	1896cc	8/00-5/06	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
1.9 TDi	150hp	BTB	1896cc	1/05-3/06	CK10008F	CK10015S	240	240	23	NSC0015 (Not included)

Mondeo Mk3 (00-07)

1.8 16v	110hp	CHBA, CHBB	1798cc	00-10/02	CK10028F	CK10214S	240	240	23	NSC0002 (Not Included)
1.8 16v	110hp	CHBA, CHBB	1798cc	11/02-07	CK10052F	CK10214S	240	240	23	NSC0002 (Not Included)
1.8 16v	125hp	CGBA, CGBB	1798cc	00-10/02	CK10028F	CK10214S	240	240	23	NSC0002 (Not Included)
1.8 16v	125hp	CGBA, CGBB	1798cc	11/02-07	CK10052F	CK10214S	240	240	23	NSC0002 (Not Included)
2.0 16v	146hp	CJBA, CJBB	1999cc	00-10/02	CK10028F	CK10214S	240	240	23	NSC0002 (Not Included)
2.0 16v	146hp	CJBA, CJBB	1999cc	11/02-07	CK10052F	CK10214S	240	240	23	NSC0002 (Not Included)
2.0 TDDi	115hp	D6BA, HJBA, HJBB, HJBC	1998cc	00-9/02	CK 9813F	CK 9958S	253	253	23	See below for CSC
2.0 TDCi	115hp	D6BA, HJBA, HJBB, HJBC	1998cc	10/02-07	CK 9828F	CK 9959S	253	253	23	See below for CSC
2.0 TDCi	130hp	FMBA, N7BA	1998cc	00-07	CK 9828F	CK 9959S	253	253	23	See below for CSC

Note: Use NSC0002 for 5-speed models and NSC0036 for 6-speed models.

Ranger

2.5 TDCi 4x4	143hp	WLAA	2499cc	5/06 ->	CK10078F	CK10109S	250	250	23	Normal Release Bearing
3.0 TDCi	156hp	WEAT	2953cc	5/06 ->	CK10078F	CK10109S	250	250	23	Normal Release Bearing
3.0 TDCi 4x4	156hp	WEAT	2953cc	5/06 ->	CK10078F	CK10109S	250	250	23	Normal Release Bearing

Transit Mk6 Box/Bus (Not Tipper/Flatbed)

2.4 DI	75hp	F4FA	2402cc	00-06	CK 9784F	CK 9798S	254	254	23	Normal Release Bearing
2.4 DI	90hp	D2FA	2402cc	00-06	CK 9784F	CK 9798S	254	254	23	Normal Release Bearing
2.4 TDCi (6-Speed) 2WD	140hp	H9FA	2402cc	00-06	CK 9952F	CK 10021S	260	260	23	NSC0043 (Not included)

Note: CK10021S is only for National flywheel and not compatible with any other supplier's SMF kits.

Note: If already converted using the AP version of the CK 9952F Kit then use CK10102AP service kit (cover & plate only).

Transit Mk7 Box/Bus/Flatbed

2.4 TDCi (5-Speed)	100hp	PHFA PHFC	2402cc	7/06->	CK 9928F	CK10019S	253	253	23	Normal Release Bearing
2.4 TDCi (6-Speed)	100hp	PHFA PHFC	2402cc	7/06->	CK 9951F	CK10016S	253	253	23	NSC0043 (Not included)
2.4 TDCi (5-Speed)	115hp	JXFA JXFC	2402cc	7/06->	CK 9929F	CK10020S	260	260	23	Normal Release Bearing
2.4 TDCi (6-Speed)	115hp	JXFA JXFC	2402cc	7/06->	CK 9952F	CK 10021S	260	260	23	NSC0043 (Not included)
2.4 TDCi (6-Speed) 2WD	140hp	H9FD	2402cc	7/06->	CK 9952F	CK 10021S	260	260	23	NSC0043 (Not included)

Note: CK10021S & CK10020S are only for National flywheel and not compatible with any other supplier's SMF kits.

Note: If already converted using the AP conversion kit then use CK10102AP service kit (cover & plate only).

Transit Connect (inc. Tourneo Connect)

1.8 TDCi	90hp	HCPA, HCPB	1753cc	02-9/02	CK 9836F	CK 9919S	228	228	23	NSC0014 (Not Included)
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Note: CK9919S is only for National flywheel and not compatible with any other supplier's SMF kits.

IVECO

Daily Mk3 (02-06)

2.3 D	95hp	F1AE0481A	2287cc	9/02-4/06	CK10009F	CK10057S	235	235	10	
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Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions	Bearing Type
							Cover Plate Teeth	Note: CSCs sold separately
Some SMF kits contain specially designed replacement cover bolts, do not re-use original bolts. All kits for manual gearbox unless stated otherwise.								
JAGUAR								
X-Type								
2.0 D	130hp	FMBA FMBB R4-X404	1998cc	03-09	CK10072F	CK10073S	253 253 23	See below for CSC
Note: Use NSC0002 for 5-speed models and NSC0036 for 6-speed models.								
LANCIA								
Phedra (179)								
2.0 JTD	120hp	RHK	1995cc	6/06-11/10	CK10046F	CK10065S	240 240 21	Normal Release Bearing
Zeta								
2.0 JTD	110hp	RHW	1997cc	1/00-8/02	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
LAND ROVER								
Freelander (LN)								
2.0 TD4	109hp	M47D20	1951cc	11/01->	CK 9939F	CK10013S	230 230 14	NSC0044 (Not included)
2.0 TD4	112hp	M47D20	1951cc	11/00->	CK 9939F	CK10013S	230 230 14	NSC0044 (Not included)
MAZDA								
BT-50 Pickup (CD)								
2.5 MRZ-CD 4x4	143hp	WLAA	2499cc	12/06 ->	CK10078F	CK10109S	250 250 23	Normal Release Bearing
3.0 CDVi	156hp	WEAT	2953cc	12/06 ->	CK10078F	CK10109S	250 250 23	Normal Release Bearing
3.0 CDVi 4x4	156hp	WEAT	2953cc	12/06 ->	CK10078F	CK10109S	250 250 23	Normal Release Bearing
MINI (BMW)								
Mini (R50, R53, R52)(Hatch, Convertible)(01-06)								
Cooper S	163hp		1598cc	3/02-9/06	CK10210F	NYA	220 220 14	Normal Release Bearing
Cooper S	170hp	W11B16A	1598cc	7/04-11/07	CK10210F	NYA	220 220 14	Normal Release Bearing
MERCEDES LCV								
Sprinter								
208 CDi	82hp	OM 611.987	2148cc	4/00-5/06	CK 9834F	CK 9886S	240 240 26	NSC0023 (Not included)
211 CDi	109hp	OM 611.981	2148cc	4/00-5/06	CK 9834F	CK 9886S	240 240 26	NSC0023 (Not included)
213 CDi	129hp	OM 611.981	2148cc	4/00-5/06	CK 9834F	CK 9886S	240 240 26	NSC0023 (Not included)
308 CDi	82hp	OM 611.987	2148cc	4/00-5/06	CK 9834F	CK 9886S	240 240 26	NSC0023 (Not included)
311 CDi (Includes 4X4)	109hp	OM 611.981	2148cc	4/00-5/06	CK 9834F	CK 9886S	240 240 26	NSC0023 (Not included)
313 CDi (Includes 4X4)	129hp	OM 611.981	2148cc	4/00-5/06	CK 9834F	CK 9886S	240 240 26	NSC0023 (Not included)
408 CDi	82hp	OM 611.987	2148cc	4/00-5/06	CK 9834F	CK 9886S	240 240 26	NSC0023 (Not included)
411 CDi (Includes 4X4)	109hp	OM 611.981	2148cc	4/00-5/06	CK 9834F	CK 9886S	240 240 26	NSC0023 (Not included)
413 CDi (Includes 4X4)	129hp	OM 611.981	2148cc	4/00-5/06	CK 9834F	CK 9886S	240 240 26	NSC0023 (Not included)
V-Class (638/2)								
V200 CDi	102hp	OM 611A, OM 611.980	2151cc	3/99-7/03	CK 9834F	CK 9886S	240 240 26	NSC0024 (Not included)
V220 CDi	122hp	OM 611A, OM 611.980	2151cc	3/99-4/03	CK 9834F	CK 9886S	240 240 26	NSC0024 (Not included)
Vito (638)								
CDi 2.2	82-122hp	OM 611A	2148cc	3/99-7/03	CK 9834F	CK 9886S	240 240 26	NSC0024 (Not included)
CDi 2.2	82-122hp	OM 611A	2151cc	3/99-7/03	CK 9834F	CK 9886S	240 240 26	NSC0024 (Not included)

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions	Bearing Type
							Cover Plate Teeth	Note: CSCs sold separately

Some SMF kits contain specially designed replacement cover bolts, do not re-use original bolts. All kits for manual gearbox unless stated otherwise.

NISSAN

Navara (D40)								
2.5 TD 4WD	174hp	YD25DDTi	2488cc	5/05-1/10	CK 9979F	CK9966S	250 250 24	Normal Release Bearing
Pathfinder (R51)								
2.5 TD 4WD	174hp	YD25DDTi	2488cc	2/05-1/10	CK 9979F	CK9966S	250 250 24	Normal Release Bearing
Qashqai (J10)								
2.0 DCi	150hp	M9R	1995cc	2/07-1/10	CK10044F	NYA	250 250 21	NSC0052 (Not included)
X-Trail (T31)								
2.0 DCi	150hp	M9R	1995cc	6/07-7/10	CK10044F	NYA	250 250 21	NSC0052 (Not included)
2.0 DCi	173hp	M9R760	1995cc	6/07-7/10	CK10044F	NYA	250 250 21	NSC0052 (Not included)

PEUGEOT

Expert								
2.0 HDi	110hp	RHW	1997cc	1/01-12/06	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
2.0 HDi	110hp	RHZ	1997cc	1/02-12/06	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
2.0 HDi 120	120hp	RHK	1997cc	1/07 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
2.0 HDi 140	136hp	RHR	1997cc	1/07 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
206								
1.6 HDi 110	109hp	9HY 9HZ (DV6TED4)	1560cc	4/04-10/06	CK10051F	CK10066S	228 228 18	5-Speed, Normal Bearing
206 CC								
1.6 HDi 110	109hp	9HZ (DV6TED4)	1560cc	4/05 ->	CK10051F	CK10066S	228 228 18	5-Speed, Normal Bearing
207								
1.6 HDi 110	109hp	9HY 9HZ (DV6TED4)	1560cc	5/06-9/06	CK10051F	CK10066S	228 228 18	5-Speed, Normal Bearing
307								
1.6 HDi 110	109hp	9HY 9HZ (DV6TED4)	1560cc	4/04-3/07	CK10051F	CK10066S	228 228 18	5-Speed, Normal Bearing
2.0 HDi	110hp	RHS (DW10ATED/F)	1997cc	3/02-6/05	CK 9926F	CK 9945S	230 230 18	Normal Release Bearing
2.0 HDi 135	136hp	RHR	1997cc	4/04-5/06	CK10040F	CK10063S	240 240 21	Normal Release Bearing
308								
2.0 HDi	140hp	RHR	1997cc	7/10 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
2.0 HDi	136hp	RHR	1997cc	9/07 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
406								
2.0 HDi	110hp	RHZ	1997cc	4/99-8/01	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
2.0 HDi	110hp	RHS RHZ	1997cc	8/01-3/04	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
407								
1.6 HDi 110	109hp	9HY (DV6TED4)	1560cc	5/04 ->	CK10051F	CK10066S	228 228 18	5-Speed, Normal Bearing
2.0 HDi 135	136hp	RHR	1997cc	5/04-9/06	CK10040F	CK10063S	240 240 21	Normal Release Bearing
2.0 HDi 135	136hp	RHR	1997cc	9/06 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
2.0 HDi	140hp	RHR	1997cc	8/08 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing
607								
2.0 HDi	110hp	RHS RHZ	1997cc	5/00-7/04	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
2.0 HDi 135	136hp	RHR	1997cc	10/00-10/05	CK10040F	CK10063S	240 240 21	Normal Release Bearing
806								
2.0 HDi 16v	110hp	RHW	1997cc	1/01-5/02	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
807								
2.0 HDi	110hp	RHK RHM RHT RHW	1997cc	6/02-5/06	CK 9841F	CK 9921S	236 228 21	Normal Release Bearing
2.0 HDi 135	136hp	RHR	1997cc	7/06-9/06	CK10040F	CK10063S	240 240 21	Normal Release Bearing
2.0 HDi 135	136hp	RHR	1997cc	9/06 ->	CK10046F	CK10065S	240 240 21	Normal Release Bearing

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	
							Note: CSCs sold separately			

Some SMF kits contain specially designed replacement cover bolts, do not re-use original bolts. All kits for manual gearbox unless stated otherwise.

RENAULT

Clio III										
1.5 dCi	86hp	K9K766	1461cc	8/05-7/06	CK10094F	NYA	228	228	21	See Below for CSC
1.5 dCi	103hp	K9K772	1461cc	6/05 ->	CK10094F	NYA	228	228	21	NSC0052 (Not Included)
1.5 dCi	106hp	K9K764	1461cc	8/05-4/07	CK10094F	NYA	228	228	21	NSC0052 (Not Included)

CSC Note: Use NSC0058 for JR5 124/128 gearboxes. Use NSC0037 for JR5 164 gearboxes.

Clio Grandtour										
1.5 dCi	86hp	K9K766	1461cc	2/08 ->	CK10094F	NYA	228	228	21	See Below for CSC
1.5 dCi	103hp	K9K772	1461cc	2/08 ->	CK10094F	NYA	228	228	21	NSC0052 (Not Included)
1.5 dCi	106hp	K9K764	1461cc	2/08 ->	CK10094F	NYA	228	228	21	NSC0052 (Not Included)

CSC Note: Use NSC0058 for JR5 124/128 gearboxes. Use NSC0037 for JR5 164 gearboxes.

Espace IV										
1.9 dCi	116hp	F9Q820	1870cc	4/03-2/05	CK10050F	CK10060S	228	228	21	See Note
1.9 dCi	120hp	F9Q820	1870cc	11/02-2/05	CK10050F	CK10060S	228	228	21	See Note
2.0 DCi	150hp	M9R740, 750 815	1995cc	8/06-1/07	CK10044F	NYA	250	250	21	CSC Not in range.
2.0 DCi	131hp	M9R802	1995cc	8/06-1/07	CK10044F	NYA	250	250	21	CSC Not in range.

CSC note: Use NSC0021 for 3-bolt fixing and NSC0040 for 2-bolt fixing.

Fluence (L30_)										
1.5 dCi	110hp	K9K836, K9K837	1461cc	2/10 ->	CK10094F	NYA	228	228	21	NSC0052 (Not Included)

Grand Scenic										
1.9 dCi	110hp	F9QE804	1870cc	5/05 ->	CK 9963F	CK10031S	240	240	21	NSC0055 (Not included)
1.9 dCi	120hp	F9Q812	1870cc	4/04 ->	CK 9963F	CK10031S	240	240	21	NSC0055 (Not included)
1.9 dCi	131hp	F9Q816 F9Q818	1870cc	5/05-7/07	CK 9963F	CK10031S	240	240	21	NSC0055 (Not included)
2.0 DCi	150hp	M9R700, 721, 722	1995cc	7/06-10/06	CK10044F	NYA	250	250	21	CSC Not in range.

Grand Scenic III										
1.5 dCi	106hp	K9K832	1461cc	2/09 ->	CK10094F	NYA	228	228	21	NSC0052 (Not Included)
1.5 dCi	110hp	K9K636, K9K836, K9K837	1461cc	4/09 ->	CK10094F	NYA	228	228	21	NSC0052 (Not Included)

Kangoo (KW0/1)										
1.5 dCi	103hp	K9K804, K9K806	1461cc	2/08 ->	CK10094F	NYA	228	228	21	NSC0052 (Not Included)

Koleos										
2.0 DCi	177hp	M9R830	1995cc	9/08 ->	CK10044F	NYA	250	250	21	NSC0052 (Not included)
2.0 DCi	150hp	M9R 855, 856, 862, 865, 866	1995cc	9/08 ->	CK10044F	NYA	250	250	21	NSC0052 (Not included)

Laguna II (01-07)										
1.9 dCi	92hp	F9Q664	1870cc	2/05-4/07	CK10050F	CK10060S	228	228	21	See Note
1.9 dCi	100hp	F9Q754	1870cc	10/01-2/05	CK10050F	CK10060S	228	228	21	See Note
1.9 dCi	107hp	F9Q754	1870cc	3/01-2/05	CK10050F	CK10060S	228	228	21	CSC Not in range.
1.9 dCi	120hp	F9Q750	1870cc	3/01-2/05	CK10050F	CK10060S	228	228	21	See Note
2.0 DCi	150hp	M9R740	1995cc	5/05-4/07	CK10044F	NYA	250	250	21	CSC Not in range.

CSC note: Use NSC0021 for 3-bolt fixing and NSC0040 for 2-bolt fixing.

Laguna III (07 ->)										
1.5 DCi	110hp	K9K780	1461cc	10/07 ->	CK10094F	NYA	228	228	21	NSC0052 (Not Included)
2.0 DCi	150hp	M9R742, 744, 802	1995cc	10/07 ->	CK10044F	NYA	250	250	21	CSC Not in range.
2.0 DCi	131hp	M9R742, 744, 802	1995cc	10/07 ->	CK10044F	NYA	250	250	21	CSC Not in range.
2.0 DCi	150hp	M9R802, 815, 814	1995cc	10/07 ->	CK10044F	NYA	250	250	21	CSC Not in range.

Megane II (02->)										
1.9 dCi	82hp	F9Q808	1870cc	3/04 ->	CK 9963F	CK10031S	240	240	21	NSC0055 (Not included)
1.9 dCi	110hp	F9QE804	1870cc	5/05 ->	CK 9963F	CK10031S	240	240	21	NSC0055 (Not included)
1.9 dCi	120hp	F9Q800	1870cc	11/02 ->	CK 9963F	CK10031S	240	240	21	NSC0055 (Not included)
1.9 dCi	131hp	F9Q816 F9Q818	1870cc	5/05-7/07	CK 9963F	CK10031S	240	240	21	NSC0055 (Not included)
2.0 DCi	173hp	M9R724	1995cc	4/07-4/09	CK10044F	NYA	250	250	21	CSC Not in range.
2.0 DCi	150hp	M9R700, 722	1995cc	6/06-7/07	CK10044F	NYA	250	250	21	CSC Not in range.

Megane III										
1.5 DCi	106hp	K9KG832	1461cc	2/09 ->	CK10094F	NYA	228	228	21	NSC0052 (Not Included)
1.5 DCi	110hp	K9K636, K9K836, K9K837	1461cc	2/09 ->	CK10094F	NYA	228	228	21	NSC0052 (Not Included)

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions	Bearing Type
							Cover Plate Teeth	Note: CSCs sold separately

Some SMF kits contain specially designed replacement cover bolts, do not re-use original bolts. All kits for manual gearbox unless stated otherwise.

RENAULT

Megane CC

1.5 DCi	110hp	K9K837	1461cc	6/10 ->	CK10094F	NYA	228 228 21	NSC0052 (Not Included)
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Modus

1.5 DCi	86hp	K9K760, K9K766	1461cc	12/04 ->	CK10094F	NYA	228 228 21	NSC0058 (Not Included)
1.5 DCi	103hp	K9K772	1461cc	5/07 ->	CK10094F	NYA	228 228 21	NSC0052 (Not Included)
1.5 DCi	106hp	K9K764	1461cc	4/05-7/07	CK10094F	NYA	228 228 21	NSC0052 (Not Included)

Scenic II (03->)

1.9 dCi	110hp	F9QE804	1870cc	5/05 ->	CK 9963F	CK10031S	240 240 21	NSC0055 (Not included)
1.9 D	120hp	F9Q812	1870cc	6/06 ->	CK 9963F	CK10031S	240 240 21	NSC0055 (Not included)
1.9 dCi	120hp	F9Q812	1870cc	7/03-7/05	CK 9963F	CK10031S	240 240 21	NSC0055 (Not included)
1.9 dCi	131hp	F9Q816 F9Q818	1870cc	5/05-7/07	CK 9963F	CK10031S	240 240 21	NSC0055 (Not included)
2.0 DCi	150hp	M9R700, 721, 722	1995cc	7/06 ->	CK10044F	NYA	250 250 21	CSC Not in range.

Scenic III (09->)

1.5 DCi	95hp	K9K846	1461cc	11/10 ->	CK10094F	NYA	228 228 21	NSC0052 (Not Included)
1.5 DCi	106hp	K9K832	1461cc	2/09 ->	CK10094F	NYA	228 228 21	NSC0052 (Not Included)
1.5 DCi	110hp	K9K636, K9K836, K9K837	1461cc	4/09 ->	CK10094F	NYA	228 228 21	NSC0052 (Not Included)

ROVER GROUP

MG ZT Saloon/Estate

2.0 CDTi	116hp	204D2	1951cc	6/02-9/03	CK 9939F	CK10013S	230 230 14	NSC0033 (Not included)
2.0 CDTi	131hp	204D2	1951cc	11/02->	CK 9939F	CK10013S	230 230 14	NSC0033 (Not included)

Rover 75 (RJ)

2.0 CDT	115hp	M47R	1951cc	2/99->	CK 9939F	CK10013S	230 230 14	NSC0033 (Not included)
2.0 CDT	131hp	204D2	1951cc	2/03->	CK 9939F	CK10013S	230 230 14	NSC0033 (Not included)

SAAB

9-3

1.9 TiD	120hp	Z19 DT	1910cc	4/04-7/08	CK10076F	CK10092S	240 240 23	NSC0049 (Not Included)
1.9 TiD	150hp	Z19 DTH	1910cc	4/04-7/08	CK10076F	CK10092S	240 240 23	NSC0049 (Not Included)

SEAT

Alhambra (7V8)(95-00)

1.8 Turbo 20v	150hp	AJH	1781cc	98-8/00	CK 9790F	CK 9808S	228 228 23	NSC0002 (Not included)
1.9 TDi	90hp	1Z AHU ANU	1896cc	95-8/00	CK 9790F	CK 9808S	228 228 23	NSC0002 (Not included)
1.9 TDi	110hp	AFN	1896cc	97-8/00	CK 9790F	CK 9808S	228 228 23	NSC0002 (Not included)

Alhambra (7V9)(00-10)

1.9 TDi	90hp	ANU	1896cc	8/00-10	CK 9930F	CK 9946S	240 240 23	NSC0015 (Not included)
1.9 TDi	115hp	AUY BVK	1896cc	8/00-10	CK 9930F	CK 9946S	240 240 23	NSC0015 (Not included)
1.9 TDi	150hp	ARL, BTB	1896cc	5/05-5/07	CK10008F	CK10015S	240 240 23	NSC0015 (Not included)

Altea (5P1)

1.9 TDi	105hp	BJB BKC BLS BXE	1896cc	5/04-7/07	CK 9908F	CK 9953S	228 228 28	Normal Release Bearing
2.0 FSi	150hp	BLR BLY BVY BVZ	1984cc	5/04-7/07	CK 9927F	CK 9949S	228 228 28	Normal Release Bearing
2.0 TDi	136hp	AZV	1968cc	3/04-5/09	CK10006F	CK 9946S	240 240 23	NSC0015 (Not included)
2.0 TDi	140hp	BMM	1968cc	11/05-6/06	CK10006F	CK 9946S	240 240 23	NSC0015 (Not included)
2.0 TDi	170hp	BMN CEGA	1968cc	11/05-7/07	CK10006F	CK 9946S	240 240 23	NSC0015 (Not included)

Altea XL (5P5, 5P8)

1.9 TDi	105hp	BLS BXE	1896cc	10/06->	CK 9908F	CK 9953S	228 228 28	Normal Release Bearing
2.0 FSi	150hp	BVY BVZ	1984cc	10/06->	CK 9927F	CK 9949S	228 228 28	Normal Release Bearing
2.0 TDi	140hp	BMM	1968cc	10/06->	CK10006F	CK 9946S	240 240 23	NSC0015 (Not included)
2.0 TDi	170hp	BMN CEGA	1968cc	6/07->	CK10006F	CK 9946S	240 240 23	NSC0015 (Not included)
2.0 TDi 4X4	170hp	BMN CEGA CFJA	1968cc	6/07->	CK10006F	CK 9946S	240 240 23	NSC0015 (Not included)

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	

Note: CSCs sold separately

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SEAT

Cordoba (6K2/C2/6K5)										
1.8 T 20V Cupra	156hp	AQX AYP	1781cc	9/00-8/02	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	90hp	AGR ALH	1896cc	9/00-8/02	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	110hp	ASV	1896cc	9/00-8/02	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	110hp	AFN	1896cc	3/97-4/99	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
Cordoba (6L2)										
1.9 TDi	131hp	ASZ BLT	1896cc	10/02->	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
Ibiza II (6K1)										
1.9 TDI	110hp	AFN	1896cc	2/97-8/99	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
Ibiza III (6K1)										
1.8 T 20V Cupra	156hp	AQX AYP	1781cc	7/00-11/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	90hp	AGR ALH	1896cc	8/00-11/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	110hp	ASV	1896cc	9/00-11/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
Ibiza IV (6L1)										
1.8 T FR	150hp	BJX BKV	1781cc	12/03->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T Cupra R	180hp	BBU	1781cc	1/04->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	131hp	ASZ BLT	1896cc	2/02->	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
1.9 TDi Cupra R	160hp	BPX BUK	1896cc	3/04-2/08	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
Leon (1M1)										
1.8 20v T	180hp	APP AUQ	1781cc	4/00-7/05	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.8 20v T4	180hp	AJQ ARY	1781cc	11/99-6/06	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.8 T Cupra R	209hp	AMK	1781cc	2/02-6/06	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.8 T Cupra R	224hp	BAM	1781cc	7/03-6/06	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.9 TDI	90hp	AGR ALH	1896cc	5/00-8/02	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	110hp	AHF ASV	1896cc	11/99->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	130hp	ASZ	1896cc	5/03-6/06	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
1.9 TDI	150hp	ARL	1896cc	2/01-6/06	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
1.9 TDI Syncro	150hp	ARL	1896cc	2/01-6/06	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
2.8 Cupra	204hp	AUE	2792cc	2/01-6/06	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
Leon (1P1)										
1.9 TDi	90hp	BXF	1896cc	6/07-11/09	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi	105hp	BKC BLS BXE	1896cc	7/05-11/09	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 FSi	150hp	BLR BLY BVY BVZ	1984cc	7/05->	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi	170hp	BMN CEGA CFJA	1968cc	6/06-7/07	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	140hp	BMM	1968cc	10/05->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	136hp	AZV	1968cc	7/05-5/10	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
Toledo (1L)										
1.9 TDI	110hp	AFN	1896cc	5/97-9/98	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
Toledo II (1M2)										
1.8 20v Turbo	180hp	APP AUQ	1781cc	1/03-12/04	CK10005F	CK10014S	240	240	23	NSC0015 (Not included)
1.9 TDI	90hp	AGR ALH	1896cc	4/99-5/06	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	110hp	AHF ASV	1896cc	10/99-7/04	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	130hp	ASZ	1896cc	10/00-5/06	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
1.9 TDi	150hp	ARL	1896cc	10/00-5/06	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
Toledo III (5P2)										
1.9 TDi	105hp	BJB BKC BLS BXE	1896cc	1/05-7/07	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 FSi	150hp	BLR BLY BVY BVZ	1984cc	10/04-5/06	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi	136hp	AZV	1968cc	9/04-5/09	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	140hp	BMM	1968cc	11/05-5/09	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	170hp	BMN CEGA	1968cc	1/06-5/09	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	
							Note: CSCs sold separately			
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SKODA										
Fabia (6Y2)										
1.9 TDi RS	130hp	ASZ BLT	1896cc	6/03-3/08	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
Octavia (1U2)										
1.8 T	150hp	AGU ARZ AUM	1781cc	1/99-6/00	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T 4x4	150hp	ARX	1781cc	5/01-5/06	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	90hp	AGR ALH	1896cc	9/96->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	100hp	AXR	1896cc	10/05-12/10	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	110hp	AHF ASV	1896cc	8/97->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	130hp	ASZ	1896cc	1/03->	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
RS 1.8 T	180hp	AUQ	1781cc	5/01-06	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
Octavia (1U5) Combi										
1.8 T	150hp	AGU ARX ARZ AUM	1781cc	7/98->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	90hp	AGR ALH	1896cc	7/98->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	100hp	AXR	1896cc	10/05-12/10	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi 4x4	100hp	ATD	1896cc	9/00-1/06	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi	110hp	AHF ASV	1896cc	7/98->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	130hp	ASZ	1896cc	1/03->	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not included)
RS 1.8 T	180hp	AUQ	1781cc	8/02-06	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
Octavia (1Z3)										
1.9 TDi (2WD Only)	105hp	BJB BKC BLS BXE	1896cc	10/04-12/10	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 FSi	150hp	BLR BLY BVX BVY BVZ	1984cc	11/04-3/07	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi	140hp	BMM	1968cc	1/07-10/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	136hp	AZV	1968cc	2/04-10/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	170hp	BMN CEGA	1968cc	4/06-10/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	140hp	BMM	1968cc	1/07-10/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
Octavia (1Z5) Combi										
1.9 TDi (2WD Only)	105hp	BJB BKC BLS BXE	1896cc	10/04-12/10	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 FSi	150hp	BLR BLY BVX BVY BVZ	1984cc	11/04-3/07	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi	140hp	BMM	1968cc	1/07-10/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	136hp	AZV	1968cc	2/04-10/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	170hp	BMN CEGA	1968cc	4/06-10/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
2.0 TDi	140hp	BMM	1968cc	1/07-10/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not included)
Superb (3U4)										
1.8 T	150hp	AWT	1781cc	4/02-4/07	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.9 TDi	101hp	AVB	1896cc	8/02-10/05	CK 9941F	CK 9948S	230	230	23	Normal Release Bearing
1.9 TDi	130hp	AWX	1896cc	2/02-3/07	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
2.0	115hp	AZM	1984cc	2/02-3/08	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
Superb (3T4)										
1.9 TDi	105hp	BLS BXE	1896cc	7/08->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 TDi	140hp	BMP	1968cc	3/08->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
Superb (3T5) Estate										
1.9 TDi	105hp	BLS BXE	1896cc	10/09-11/10	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	
Note: CSCs sold separately										
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TOYOTA										
Avensis (T22) Mk1										
2.0 D-4D	110hp	1CD-FTV	1995cc	99-03	CK 9814F	CK 9832S	235	235	21	Normal Release Bearing
Avensis (T25) Mk2										
2.0 D-4D	110hp	1CD-FTV	1995cc	03-09	CK 9814F	CK 9832S	235	235	21	Normal Release Bearing
Corolla (02-07)										
2.0 D-4D	90-116hp	1CD-FTV	1995cc	02-07	CK 9814F	CK 9832S	235	235	21	Normal Release Bearing
Corolla Verso (01-04)										
2.0 D-4D	90-116hp	1CD-FTV	1995cc	01-04	CK 9814F	CK 9832S	235	235	21	Normal Release Bearing
Corolla Verso (04-09)										
2.0 D-4D	116hp	1CD-FTV	1995cc	04-09	CK 9814F	CK 9832S	235	235	21	Normal Release Bearing
Rav 4 Mk2										
2.0 D-4D	110hp	1CD-FTV	1995cc	2001 - 2006	CK 9814F	CK 9832S	235	235	21	Normal Release Bearing
VAUXHALL (includes Opel)										
Astra Mk4 (Opel Astra G)										
2.0 DTi 16v	101hp	X 20 DTH, Y 20 DTH	1995cc	2/98-7/04	CK 9938F	CK10012S	228	228	14	NSC0018 (Not Included)
Astra Mk5 (Opel Astra H)										
1.3 CDTi	90hp	Z13DTH	1248cc	04-10	CK10080F	CK10111S	220	220	22	See below for CSC
1.9 CDTi	100hp	Z19DTL	1910cc	9/05 ->	CK 9894F	CK10022S	240	240	20	NSC0047 (Not Included)
1.9 CDTi	120hp	Z 19DT	1910cc	9/05 ->	CK 9894F	CK10022S	240	240	20	NSC0047 (Not Included)
1.9 CDTi 16v	120hp	Z 19DTJ	1910cc	1/04-5/09	CK 9894F	CK10022S	240	240	20	NSC0047 (Not Included)
1.9 CDTi	150hp	Z 19DTH	1910cc	7/05 ->	CK10077F	CK10093S	240	240	20	NSC0047 (Not Included)
Note: CK10080F is suited to engine & gearbox types that use a 22 tooth spline , not 14 as previously listed.										
Use NSC0048 for 6-Speed Manual gearbox and NSC0046 for Semi-Auto.										
Combo Mk2 (Opel Combo C) (NSC0042 may be used to replace plastic version of NSC0010, Refer to Technical Notes)										
1.3 CDTi 16v	75hp	Z13DTJ	1248cc	04-12	CK 9893F	CK 9978S	215	215	14	NSC0010 (Not Included)
Note: CK9978S is only for National flywheel and not compatible with any other supplier's SMF kits.										
Corsa Mk2 Hatchback (Opel Corsa C)										
1.3 CDTi	70hp	Z13DT	1248cc	8/03-1/07	CK10079F	CK10110S	220	220	14	NSC0042 (Not Included)
Corsa Mk3 (Opel Corsa D)										
1.3 CDTi	75hp	Z13DTJ	1248cc	11/06 ->	CK10079F	CK10110S	220	220	14	NSC0042 (Not Included)
1.3 CDTi	90hp	Z13DTH	1248cc	11/06 ->	CK10080F	CK10111S	220	220	22	See below for CSC
Note: CK10080F is suited to engine & gearbox types that use a 22 tooth spline , not 14 as previously listed.										
Use NSC0048 for 6-Speed Manual gearbox and NSC0046 for Semi-Auto.										
Corsa Van Mk2 (Opel Corsa C Van) (NSC0042 may be used to replace plastic version of NSC0010, Refer to Technical Notes)										
1.3 CDTi 16v	70hp	Z13DT	1248cc	4/04->	CK 9893F	CK 9978S	215	215	14	NSC0010 (Not Included)
Note: CK9978S is only for National flywheel and not compatible with any other supplier's SMF kits.										
Meriva Mk1 (Opel Meriva A) (NSC0042 may be used to replace plastic version of NSC0010, Refer to Technical Notes)										
1.3 CDTi	75hp	Z13DTJ	1248cc	1/03-10/09	CK10079F	CK10110S	220	220	14	NSC0010 (Not Included)
Signum										
1.9 CDTi	100hp	Z19 DTL	1910cc	8/05 ->	CK 9894F	CK10022S	240	240	20	NSC0047 (Not Included)
1.9 CDTi (M32 g/box)	120hp	Z19 DT	1910cc	4/04 ->	CK 9894F	CK10022S	240	240	20	NSC0047 (Not Included)
1.9 CDTi (F40 g/box)	120hp	Z19 DT	1910cc	4/04 ->	CK10076F	CK10092S	240	240	23	NSC0049 (Not Included)
1.9 CDTi	150hp	Z 19DTH	1910cc	7/05 ->	CK10076F	CK10092S	240	240	23	NSC0049 (Not Included)
2.0 DTi	100hp	X 20 DTH, Y 20 DTH	1994cc	5/03->	CK 9938F	CK10012S	228	228	14	NSC0018 (Not Included)
Tigra Twintop (Convertible) (NSC0042 may be used to replace plastic version of NSC0010, Refer to Technical Notes)										
1.3 CDTi	69hp	Z13DT	1248cc	6/04-8/09	CK10079F	CK10110S	220	220	14	NSC0010 (Not Included)

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	
Note: CSCs sold separately										

Some SMF kits contain specially designed replacement cover bolts, do not re-use original bolts. All kits for manual gearbox unless stated otherwise.

VAUXHALL (includes Opel)

Vectra Mk2 (Opel Vectra C)										
1.9 CDTi	100hp	Z19 DTL	1910cc	10/05-12/09	CK 9894F	CK10022S	240	240	20	NSC0047 (Not Included)
1.9 CDTi (M32 g/box)	120hp	Z19 DT	1910cc	10/05-12/09	CK 9894F	CK10022S	240	240	20	NSC0047 (Not Included)
1.9 CDTi (F40 g/box)	120hp	Z19 DT	1910cc	10/05-12/09	CK10076F	CK10092S	240	240	23	NSC0049 (Not Included)
1.9 CDTi	150hp	Z19 DTH	1910cc	10/05-12/09	CK10076F	CK10092S	240	240	23	NSC0049 (Not Included)
2.0 DTi 16v	101hp	X 20 DTH, Y 20 DTH	1995cc	4/02->	CK 9938F	CK10012S	228	228	14	NSC0018 (Not Included)
Zafira Mk1 (T0600)										
1.9 CDTi	100hp	Z19 DTL	1910cc	7/05 ->	CK 9894F	CK10022S	240	240	20	NSC0047 (Not Included)
1.9 CDTi	120hp	Z19 DT	1910cc	7/05 ->	CK 9894F	CK10022S	240	240	20	NSC0047 (Not Included)
1.9 CDTi	150hp	Z 19DTH	1910cc	7/05 ->	CK10077F	CK10093S	240	240	20	NSC0047 (Not Included)
2.0 DTi 16v	101hp	X 20 DTH, Y 20 DTH	1995cc	4/99-8/05	CK 9938F	CK10012S	228	228	14	NSC0018 (Not Included)

VOLKSWAGEN

Beetle (9C1, 1C1)										
1.8 T (5-Speed)	150hp	APH AVC AWU AWW	1781cc	10/99->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	90hp	ALH	1896cc	1/98-2/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	101hp	ATD	1896cc	2/01-6/05	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	105hp	BSW	1896cc	7/05->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
Beetle (1Y7) Convertible										
1.8 T (5-Speed)	150hp	AWU	1781cc	1/04->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	100hp	AXR	1896cc	3/03-6/05	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	105hp	BSW	1896cc	7/05->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
Bora (1J2)										
1.8 T (5-Speed)	150hp	AGU AUM	1781cc	5/00-5/05	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T	180hp	AUQ	1781cc	3/02-5/05	CK10005F	CK10014S	240	240	23	NSC0015 (Not Included)
1.9 TDI	90hp	AGR ALH	1896cc	10/98-6/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	101hp	ATD AXR	1896cc	9/00-5/05	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi 4motion	101hp	ATD	1896cc	9/00-5/05	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi	115hp	AJM AUY	1896cc	10/99-1/02	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi 4motion	115hp	AJM AUY	1896cc	2/99-6/01	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDI	110hp	AHF ASF	1896cc	10/98-6/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	130hp	ASZ	1896cc	11/00-5/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDi	150hp	ARL	1896cc	5/00-5/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDI 4motion	90hp	AGR	1896cc	2/99-6/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi 4motion	130hp	ASZ	1896cc	11/00-5/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDi 4motion	150hp	ARL	1896cc	5/00-5/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.3 V5	150hp	AGZ	2324cc	10/98-10/00	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
2.3 V5	170hp	AQN	2324cc	10/00-5/05	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
2.3 V5 4motion	170hp	AQN	2324cc	10/00-5/05	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
2.3 V5 4motion	150hp	AGZ	2324cc	12/98-10/00	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
2.8 V6 4motion	204hp	AQP, AUE, BDE	2792cc	3/99-5/05	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
Bora (1J6) Estate										
1.8 T (5-Speed)	150hp	AGU AUM	1781cc	9/00-5/05	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 T	180hp	AUQ	1781cc	3/02-5/05	CK10005F	CK10014S	240	240	23	NSC0015 (Not Included)
1.9 TDI	90hp	AGR	1896cc	5/99-6/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDI	101hp	ATD AXR	1896cc	9/00-5/05	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi 4motion	101hp	ATD	1896cc	9/00-5/05	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi	115hp	AJM AUY	1896cc	5/99-6/01	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi 4motion	115hp	AJM AUY	1896cc	5/99-6/01	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDI	110hp	AHF ASV	1896cc	5/99-6/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	130hp	ASZ	1896cc	11/00-5/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDi	150hp	ARL	1896cc	5/01-5/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDi 4motion	130hp	ASZ	1896cc	11/00-5/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDi 4motion	150hp	ARL	1896cc	5/01-5/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	

Note: CSCs sold separately

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Caddy Mk3 Box/Estate

1.9 TDi	105hp	BJB BLS	1896cc	4/04->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 TDi	140hp	BMM	1968cc	9/07-8/10	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)

Eos (1F7, 1F8)

2.0 FSi	150hp	BVY BVZ	1984cc	03/06->	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi	140hp	BMM	1968cc	6/06-5/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)

Golf Mk3 (1H1)

1.9 TDi	110hp	AFN	1896cc	4/96-8/97	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi Syncro (1HX1)	90hp	AHU ALE	1896cc	5/96->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing

Golf Mk3 (1E7) Convertible

1.9 TDi	110hp	AFN	1896cc	7/96-12/97	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
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Golf Mk3 (1H5) Variant

1.9 TDi	110hp	AFN	1896cc	4/96-2/99	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi Syncro	90hp	AHU ALE	1896cc	5/96-4/99	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing

Golf Mk4 (1J1)

1.8 T (5-Speed)	150hp	AGU ARZ AUM	1781cc	8/97-5/04	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.8 GTi	180hp	AUQ	1781cc	5/02-6/04	CK10005F	CK10014S	240	240	23	NSC0015 (Not Included)
1.9 TDi	90hp	AGR ALH	1896cc	10/97-5/04	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi 4motion	90hp	AGR	1896cc	7/98-8/00	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	101hp	ATD AXR	1896cc	9/00-5/04	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi 4motion	101hp	ATD	1896cc	9/00-6/05	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi	110hp	AHF ASV	1896cc	8/97-5/04	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	115hp	AJM AUY	1896cc	12/98-6/01	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi 4motion	115hp	AJM AUY	1896cc	9/99-6/01	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi	130hp	ASZ	1896cc	11/00-6/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDi	150hp	ARL	1896cc	5/00-6/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDi 4motion	130hp	ASZ	1896cc	11/00-6/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDi 4motion	150hp	ARL	1896cc	2/00-6/05	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.3 V5	170hp	AQN	2324cc	10/00-6/05	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
2.3 V5 4motion	150hp	AGZ	2324cc	12/98-10/00	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
2.3 V5 4motion	170hp	AQN	2324cc	10/00-6/05	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
2.8 V6 4motion	204hp	AQP, AUE, BDE	2792cc	3/99-6/05	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)

Golf Mk4 (1E7) Cabriolet

1.9 TDi	110hp	AFN AVG	1896cc	6/98-10/00	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
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Golf Mk4 (1J5) Variant

1.8 T (5-Speed)	150hp	AGU ARZ AUM	1781cc	5/00->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	90hp	AGR ALH	1896cc	5/99-5/06	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi 4motion	90hp	AGR	1896cc	5/99-4/02	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	101hp	ATD AXR	1896cc	9/00->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi 4motion	101hp	ATD	1896cc	9/00-6/06	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi	110hp	AHF ASV	1896cc	5/99-6/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	115hp	AJM AUY	1896cc	10/99-5/06	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi 4motion	115hp	AJM AUY	1896cc	5/99-6/01	CK10048F	CK10058S	240	240	23	NSC0015 (Not Included)
1.9 TDi	130hp	ASZ	1896cc	11/00-6/06	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDi 4motion	130hp	ASZ	1896cc	11/00-6/06	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.3 V5	150hp	AGZ	2324cc	5/99-6/06	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
2.3 V5	170hp	AQN	2324cc	10/00-6/06	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
2.3 V5 4motion	150hp	AGZ	2324cc	5/99-6/06	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)
2.3 V5 4motion	170hp	AQN	2324cc	10/00-6/06	CK10202F	CK10058S	240	240	23	NSC0015 (Not included)

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	

Note: CSCs sold separately

Some SMF kits contain specially designed replacement cover bolts, do not re-use original bolts. All kits for manual gearbox unless stated otherwise.

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Golf Mk5 (1K1)

1.9 TDi	90hp	BRU BXF	1896cc	5/04-11/08	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi	105hp	BKC BLS BXE	1896cc	10/03-11/08	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi 4motion	105hp	BKC BLS BXE	1896cc	8/04-11/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 16v 4motion	140hp	BMM	1968cc	6/06-3/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 FSi	150hp	AXW BLX BLY BVX BVY	1984cc	1/04-7/05	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 FSi 4motion	150hp	BLX BVX	1984cc	8/04->	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi	136hp	AZV CBDA	1968cc	10/03-11/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	140hp	BMM	1968cc	2/04-3/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	170hp	BMN	1968cc	6/06-3/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)

Golf Mk5 (1K5) Variant

1.9 TDi	90hp	BRU BXF BXJ	1896cc	10/03-11/08	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi (2WD Only)	105hp	BKC BLS BXE	1896cc	10/03-11/08	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 TDi	136hp	AZV	1968cc	6/07->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	140hp	BMM	1968cc	6/07-5/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi 4motion	136hp	AZV	1968cc	6/07->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)

Golf Mk6 (5K1)

1.6 TDi	90hp	CAYB	1598cc	10/08->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.6 TDi	105hp	CAYC	1598cc	10/08->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 TDi	110hp	CBDC	1968cc	10/08->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 TDi	140hp	CBAB CFFB	1968cc	10/08->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)

Golf Plus (5M1, 521)

1.6 TDi	90hp	CAYB	1598cc	2/09->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.6 TDi	105hp	CAYC	1598cc	3/09->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi	90hp	BRU BXF	1896cc	5/05-1/09	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi	105hp	BKC BLS BXE	1896cc	1/05-1/09	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 FSi	150hp	BLY BVY BVZ	1984cc	5/05-5/06	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi	110hp	CBDC CLCA	1968cc	1/09->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 TDi	136hp	AZV CBDA CFHB	1968cc	5/05->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	140hp	BMM	1968cc	6/06-3/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)

Jetta Mk3 (1K2)

1.9 TDi	105hp	BKC BLS BXE	1896cc	8/05->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 FSi	150hp	BLR BLY BVY BVZ	1984cc	8/05->	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi	136hp	AZV CBDA	1968cc	3/07-6/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	140hp	BMM	1968cc	11/05-1/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	170hp	BMN CEGA	1968cc	12/07-6/08	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)

Passat (3A2, 351)

1.9 TDi	110hp	AFN	1896cc	3/96-8/96	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
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Passat (3A5, 351) Variant

1.9 TDi	110hp	AFN	1896cc	3/96-12/96	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
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Passat (3B2)

1.8	125hp	ADR APT ARG	1781cc	10/96-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Syncro/4motion	125hp	ADR APT ARG	1781cc	10/96-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.8 Turbo	150hp	AEB ANB APU	1781cc	5/97-11/00	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.9 TDi	90hp	AHH, AHU	1896cc	10/96-11/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi	101hp	AVB	1896cc	2/00-11/00	CK 9941F	CK 9948S	230	230	23	Normal Release Bearing
1.9 TDi	110hp	AFN, AVG	1896cc	10/96-11/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi	115hp	AJM ATJ	1896cc	8/98-11/00	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
1.9 TDi 4motion	110hp	AFN, AVG	1896cc	10/96-11/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing

Passat (3B5) Variant

1.9 TDi	90hp	AHH, AHU	1896cc	6/97-11/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi	110hp	AFN, AVG	1896cc	6/97-11/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing
1.9 TDi	115hp	AJM ATJ	1896cc	8/98-11/00	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
1.9 TDi 4motion	110hp	AFN, AVG	1896cc	6/97-11/00	CK 9964F	CK10017S	228	228	23	Normal Release Bearing

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	
							Note: CSCs sold separately			
Some SMF kits contain specially designed replacement cover bolts, do not re-use original bolts. All kits for manual gearbox unless stated otherwise.										
VOLKSWAGEN										
Passat (3B3)										
1.8 Turbo 20v	150hp	AWL AWT	1781cc	11/00-5/05	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
1.9 TDi	130hp	AWX	1896cc	11/00-5/05	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
1.9 TDi	101hp	AVB	1896cc	11/00-5/05	CK 9941F	CK 9948S	230	230	23	Normal Release Bearing
1.9 TDi	130hp	AVF	1896cc	11/00-5/05	CK 9983F	CK10038S	240	240	23	Normal Release Bearing
1.9 TDi 4motion	130hp	AVF	1896cc	11/00-5/05	CK 9983F	CK10038S	240	240	23	Normal Release Bearing
2.0	130hp	ALT	1984cc	11/01-5/05	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
2.0	115hp	AZM	1984cc	11/00-5/05	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
2.0 4motion	115hp	AZM	1984cc	11/00-5/05	CK 9940F	CK 9947S	230	230	23	Normal Release Bearing
Passat (3B6) Variant										
1.9 TDi	130hp	AWX	1896cc	11/00-5/05	CK 9925F	CK 9944S	228	228	23	Normal Release Bearing
1.9 TDi	130hp	AVF	1896cc	11/00-5/05	CK 9983F	CK10038S	240	240	23	Normal Release Bearing
1.9 TDi 4motion	130hp	AVF	1896cc	11/00-5/05	CK 9983F	CK10038S	240	240	23	Normal Release Bearing
Passat (3C2)										
1.9 TDi	105hp	BKC BLS BXE	1896cc	8/05->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 BlueTDi	143hp	CBAC	1968cc	1/09->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 FSi	150hp	BLR BLY BVY BVZ	1984cc	3/05->	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 FSi 4motion	150hp	BLX BLY BVX	1984cc	9/05->	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi 2WD	110hp	CBDC	1968cc	3/05-11/10	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 TDi	120hp	BWV	1968cc	3/06-5/07	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	136hp	BMA CBAA	1968cc	3/05-5/09	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	140hp	BMP	1968cc	5/05-5/09	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	170hp	BMR CBBB	1968cc	2/06-5/09	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi 4motion	140hp	BMP	1968cc	6/06-5/09	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
Passat (3C5) Variant										
1.9 TDi	105hp	BKC BLS BXE	1896cc	8/05->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 BlueTDi	143hp	CBAC	1968cc	1/09-11/10	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 FSi	150hp	BLR BLY BVY BVZ	1984cc	8/05->	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 FSi 4motion	150hp	BLX BLY BVX	1984cc	9/05->	CK 9927F	CK 9949S	228	228	28	Normal Release Bearing
2.0 TDi 2WD	110hp	CBDC	1968cc	11/08-11/10	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 TDi	120hp	BWV	1968cc	11/05-3/06	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	122hp	BVE	1968cc	8/05-2/06	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	136hp	BMA CBAA	1968cc	9/05-5/09	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	140hp	BMP	1968cc	9/05-5/09	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	170hp	BMR CBBB	1968cc	2/06-5/09	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi 4motion	140hp	BMP	1968cc	6/06-11/07	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
Passat CC										
2.0 TDi	136hp	CBAA CFFA	1968cc	6/08-5/10	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	140hp	CBAB CFFB	1968cc	6/08-11/10	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	170hp	CBBB CFGB CLLA	1968cc	8/08-5/10	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
Polo (6KV2) Classic										
1.9 TDi	90hp	AGR ALH	1896cc	9/00-9/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	110hp	AFN ASV	1896cc	6/98-9/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
Polo (6KV5) Variant										
1.9 TDi	90hp	AGR ALH	1896cc	9/00-9/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	110hp	AFN ASV	1896cc	6/98-9/01	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
Polo (9N)										
1.8 GTI	150hp	BJX	1781cc	9/05->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	101hp	ATD AXR BMT	1896cc	2/02->	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing
1.9 TDi	130hp	ASZ BLT	1896cc	11/03->	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
Scirocco (137)										
2.0 TDi	140hp	CBDB CFHC	1968cc	8/08->	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)

Make & Model	BHP	Eng. Codes	Eng. cc	Date	SMF Kit	Service Kit	Dimensions			Bearing Type
							Cover	Plate	Teeth	Note: CSCs sold separately
Some SMF kits contain specially designed replacement cover bolts, do not re-use original bolts. All kits for manual gearbox unless stated otherwise.										
VOLKSWAGEN										
Sharan (95-00)										
1.8 Turbo 20v	150hp	AJH	1781cc	97-5/00	CK 9790F	CK 9808S	228	228	23	NSC0002 (Not included)
1.9 TDi	90hp	1Z AHU ANU	1896cc	95-5/00	CK 9790F	CK 9808S	228	228	23	NSC0002 (Not included)
1.9 TDi	110hp	AFN AVG	1896cc	96-5/00	CK 9790F	CK 9808S	228	228	23	NSC0002 (Not included)
Sharan (00-10)										
1.9 TDi	90hp	ANU	1896cc	4/00-3/10	CK 9930F	CK 9946S	240	240	23	NSC0002 (Not included)
1.9 TDi	115hp	AUY BVK	1896cc	4/00-3/10	CK 9930F	CK 9946S	240	240	23	NSC0015 (Not Included)
1.9 TDi	150hp	BTB	1896cc	6/05-3/10	CK10008F	CK10015S	240	240	23	NSC0015 (Not Included)
Touran (1T1, 1T2, 1T3)										
1.9 TDi	90hp	BRU BXF BXJ	1896cc	11/04->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi	100hp	AVQ	1896cc	2/03->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
1.9 TDi	105hp	BKC BLS BXE	1896cc	8/03->	CK 9908F	CK 9953S	228	228	28	Normal Release Bearing
2.0 TDi	100hp	AZV	1968cc	8/03-11/06	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	125hp	BMN CFJA	1968cc	6/06-5/10	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
2.0 TDi	140hp	BMM	1968cc	12/06-5/10	CK10006F	CK 9946S	240	240	23	NSC0015 (Not Included)
Transporter Mk4										
2.4 D	75hp	AJA	2370cc	8/97-4/03	CK 9967F	CK10018S	228	228	28	Normal Release Bearing
2.4 D	78hp	AAB (Eng# 370181->)	2370cc	1/96-6/97	CK 9967F	CK10018S	228	228	28	Normal Release Bearing
2.4 D Syncro	78hp	AAB (Eng# 370181->)	2370cc	5/96-4/98	CK 9967F	CK10018S	228	228	28	Normal Release Bearing
2.5 TDi	88hp	AJT	2461cc	5/98-4/03	CK 9967F	CK10018S	228	228	28	Normal Release Bearing
2.5 TDi	88hp	AYY	2461cc	5/98-4/03	CK10097F	CK10098S	228	228	28	NSC0013 (Not Included)
2.5 TDi	102hp	ACV AUF AYC	2461cc	5/98-4/03	CK10097F	CK10098S	228	228	28	NSC0013 (Not Included)
2.5 TDi Syncro	102hp	ACV AUF AYC	2461cc	5/98-4/03	CK10097F	CK10098S	228	228	28	NSC0013 (Not Included)
Vento (1H2)										
1.9 TDI	110hp	AFN	1896cc	4/96-12/97	CK 9782F	CK 9807S	228	228	28	Normal Release Bearing