



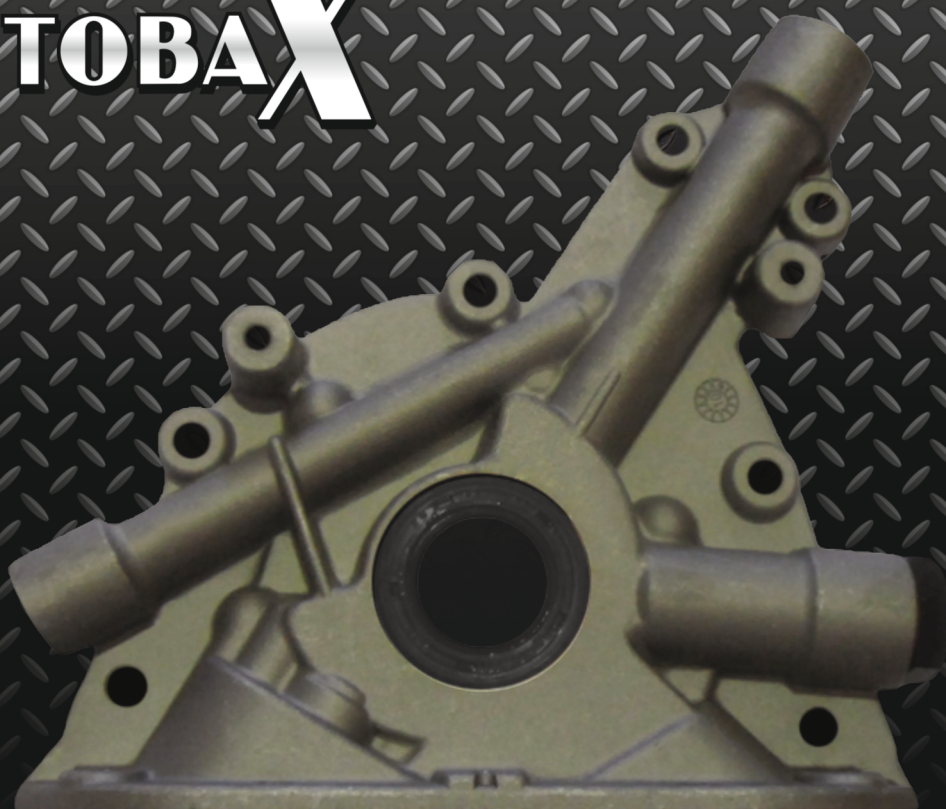
2014

SECOND EDITION



CATALOGUE

AUTOBAX



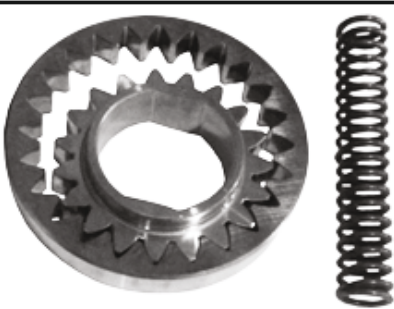
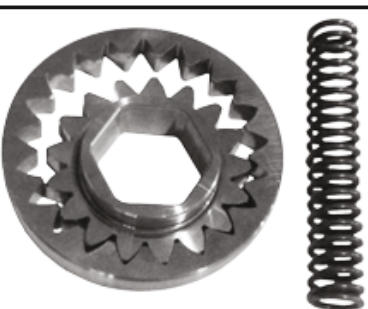
★ **OIL PUMPS**

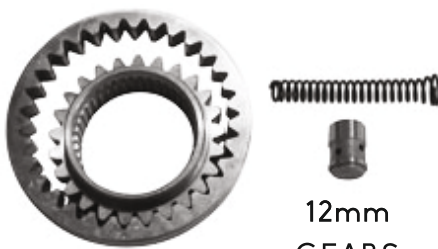
★ **OIL PUMP KITS**

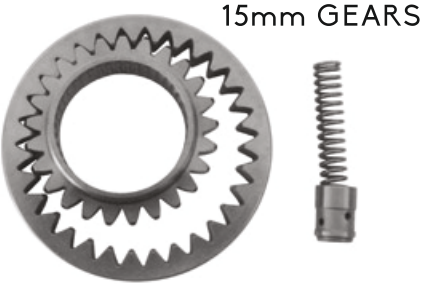
★ **OIL PUMP GEARS**

AUTOMOTIVE OIL PUMP KITS/SPLINE GEARS & SHAFTS

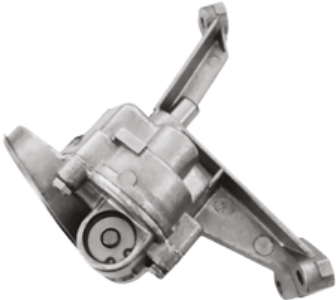
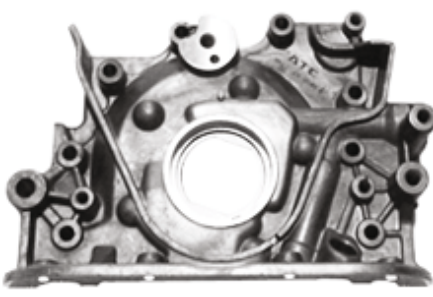
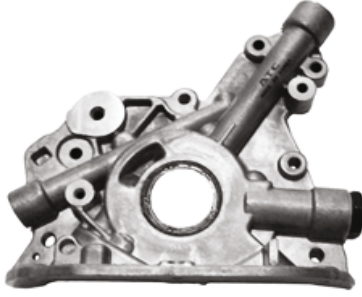
		
OPG9025 - TOYOTA 2L – CRANKSHAFT SPLINE GEAR	OPG9027 - TOYOTA 2L(MK2) / 3L / 5L	OPG9035 - TOYOTA 3B – CRANKSHAFT SPLINE GEAR
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	
OPG9045 - TOYOTA 11B / 13B / 14B	OPH9025 - TOYOTA 2L – COMPLETE HOUSING	OPH9027 - TOYOTA 2L(MK2) / 3L / 5L – HOUSING
		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OPH9035 - TOYOTA 3B – COMPLETE HOUSING	OPH9045 - TOYOTA 11B/13B/14B – COMPLETE HOUSING	OPH9074 - TOYOTA 1KZTE 16v – COMPLETE HOUSING
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OPH9076 - TOYOTA 1FZ-FE 4.5L – COMPLETE HOUSING	OPH9087 - TOYOTA 2H – COMPLETE HOUSING	OPH9091 - TOYOTA 1HZ – COMPLETE HOUSING

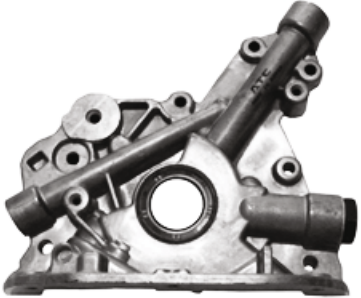
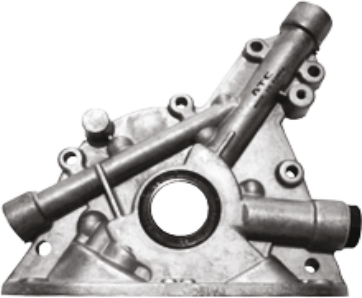
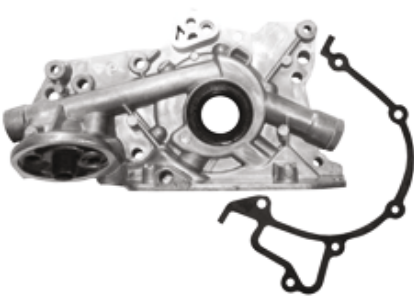
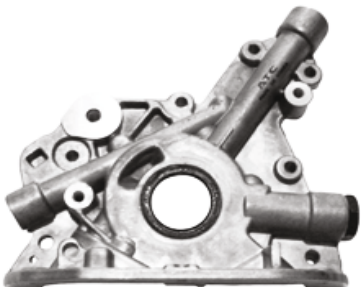
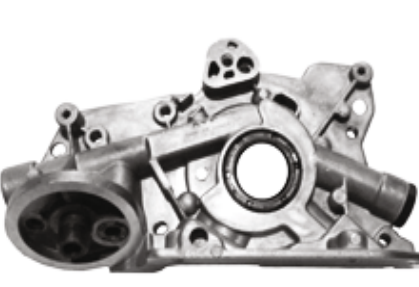
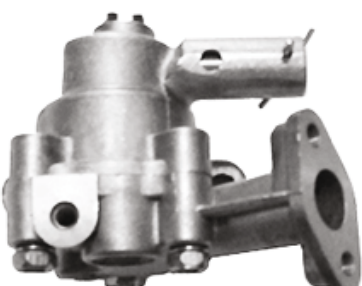
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OPK3505 - FORD CVH OHC - 1.3/1.6 - 1980-1986	OPK3510 - FORD / MAZDA CVH OHC - 1.4/1.6 - 1986 ON	OPK3515 - FORD ESSEX - 2.5/3.0 - V6
		
OPK3537 - FORD ROCAM - 1.3L & 1.6L	OPK4005 - OPEL 12S / 12NV / 13S	OPK4010 - OPEL 16SH / 18SE - 1982-1986
	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OPK4015 - OPEL 14NV / 16SV - 1988-1990	OPK4020 - OPEL 2.0/2.2/2.5/2.8/3.0L	OPK5505 - ISUZU 4ZA1 / 4ZB1 / 4ZC1 / 4ZD1
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT		
OPK6000 - MAZDA NA - B1600	OPK6005 - MAZDA TC / UC - ROTOR & SHAFT KIT	OPK6020 - MAZDA / FORD FE - 12 VALVE
		
OPK6030 - MAZDA / FORD F6 / FE	OPK6035 - MAZDA / FORD F8 / FE	OPK6500 - MERCEDES OM615/616/617

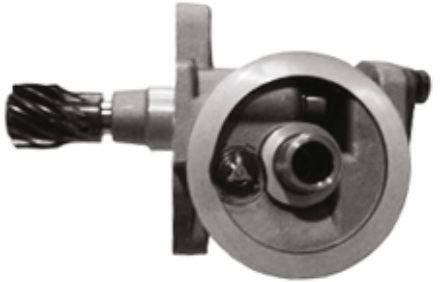
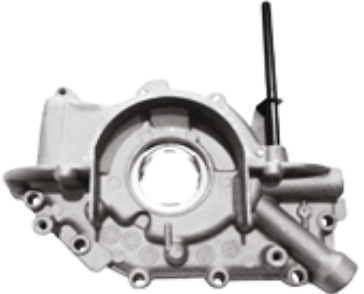
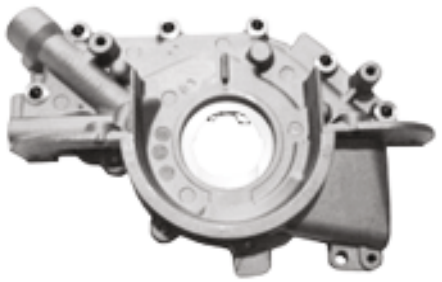
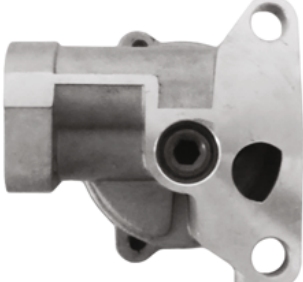
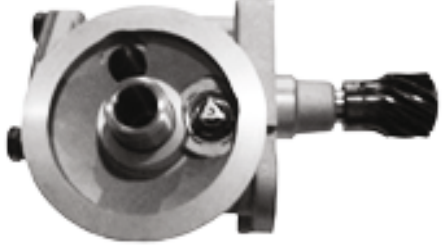
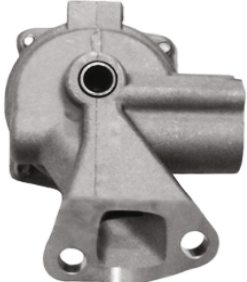
 7.5mm GEARS OPK6505 - MERCEDES M102	 9.5mm GEARS OPK6510 - MERCEDES M102	 OPK7005 - MITSUBISHI 4G54 - LATE
14mm GEARS / 20mm SHAFT  OPK7010 - MITSUBISHI 4G54/63	 10mm GEARS 17mm SHAFT OPK7015 - MITSUBISHI 4G62B/63	 10mm GEARS 20mm SHAFT OPK7020 - MITSUBISHI 4G63
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT OPK7500 - PEUGEOT 404 - w/o STRAINER	 OPK7505 - PEUGEOT 404 / 504 - DIESEL	 OPK8000 - NISSAN A10 / A12 / A14 / A15
 OPK8005 - NISSAN L14 / 16 / 18 / 20B / 24 / Z20	 OPK8010 - NISSAN E13 / E15	 OPK8070 - NISSAN GA14DE GA14DS / GA16DE GA16DS
 OPK8500 - RENAULT R5	 OPK9015 - TOYOTA 6R/7R/8R/16R/18R - RH20 / RX3	 12mm GEARS OPK9020 - TOYOTA 20R/21R/22R/22REC - L SERIES

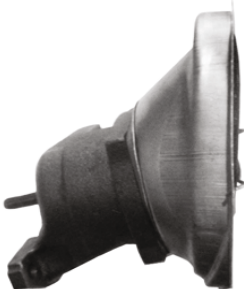
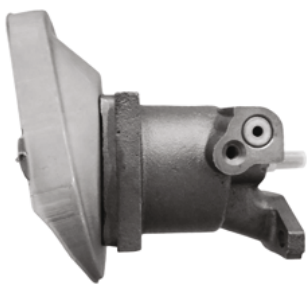
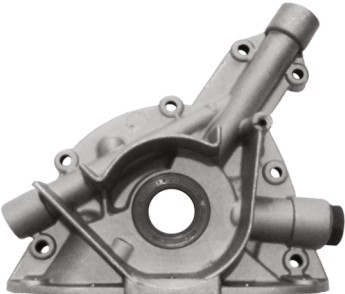
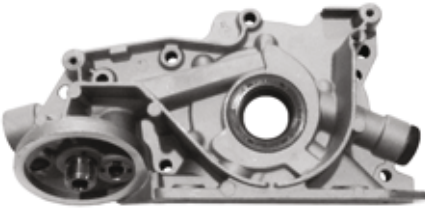
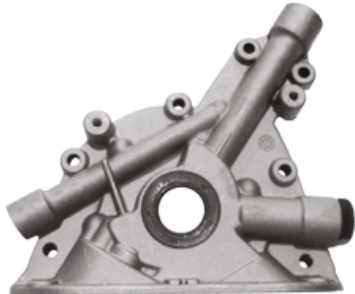
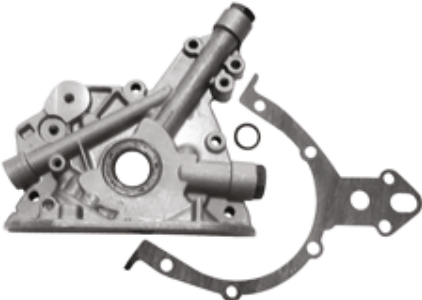
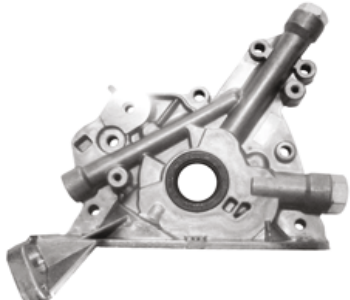
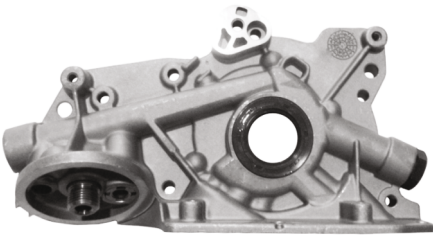
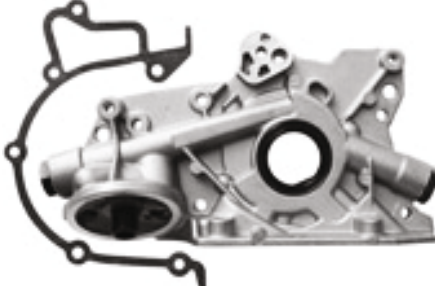
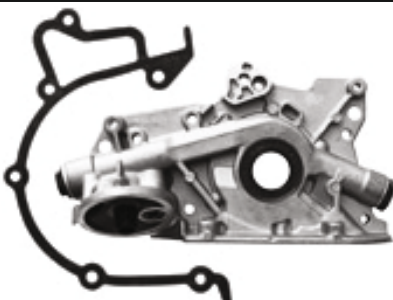
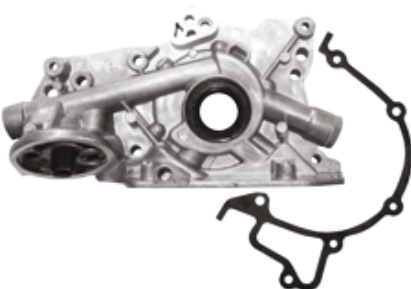
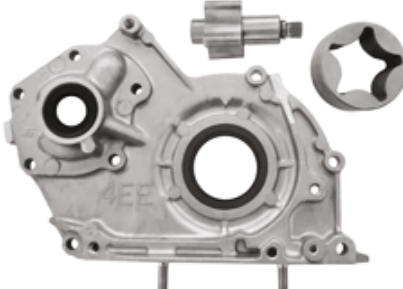
15mm GEARS  OPK9025 - TOYOTA 2L - INCL SPLINE	15mm GEARS  OPK9026 - TOYOTA 2L - EXCL SPLINE	 OPK9027 - TOYOTA 2L(MK2) / 3L - INCL SPLINE
 13mm GEARS OPK9035 - TOYOTA 3B - INCL SPLINE	 14mm GEARS OPK9040 - TOYOTA 11B - INCL SPLINE	 OPK9045 - TOYOTA 13B/14B - INCL SPLINE
 OPK9071 - TOYOTA 1C/2C - INNER & OUTER ROTORS	 OPK9072 - TOYOTA 1RZ / 2RZ	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT OPK9073 - TOYOTA 3RZ-FE
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT OPK9079 - TOYOTA 2KD-FTV - 2.5L QUANTUM DIESEL	 10mm GEARS OPK9082 - TOYOTA 1TR-FE - 2.0L/2TR-FE - 2.7L	 13.5mm GEARS OPK9084 - TOYOTA 2TR-FE - 2.7L QUANTUM PETROL
 OPK9087 - TOYOTA 2H - INNER & OUTER ROTORS	 OPK9505 - VW / SUZUKI GOLF - 1.1L / SUZUKI - SJ410	

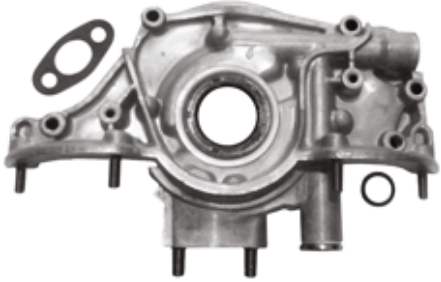
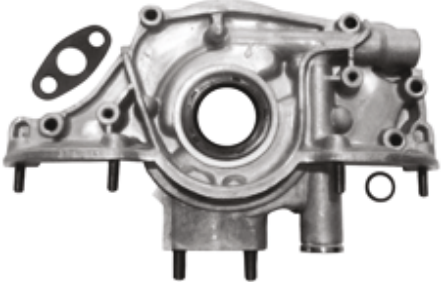
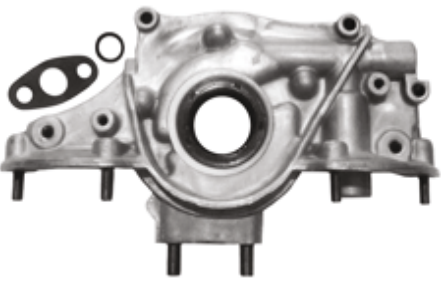
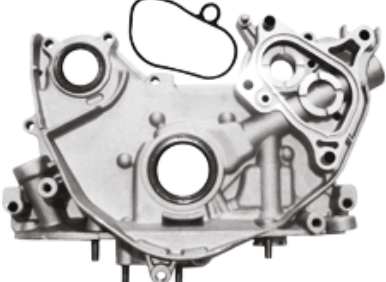
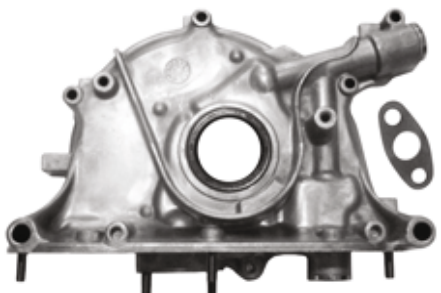
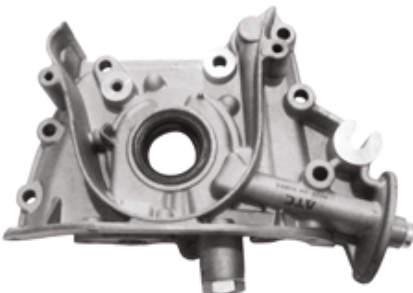
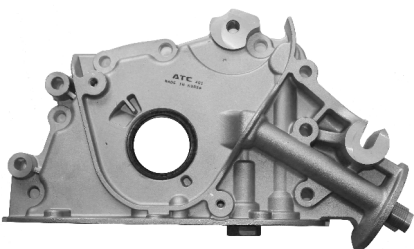
AUTOMOTIVE OIL PUMPS

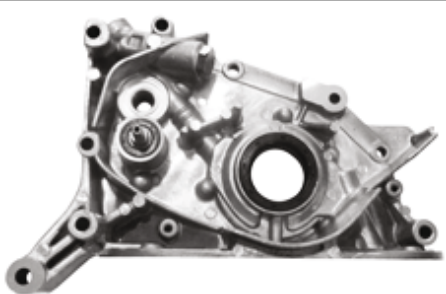
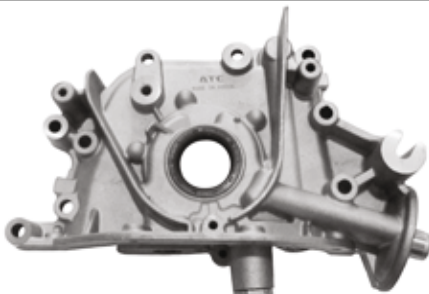
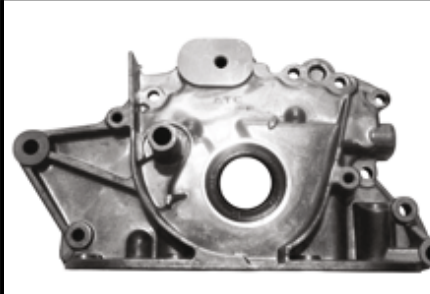
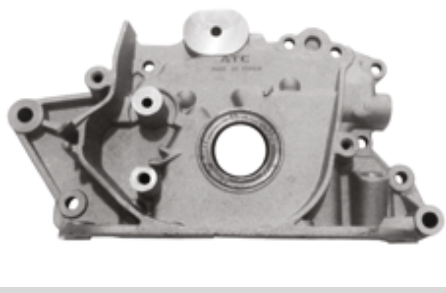
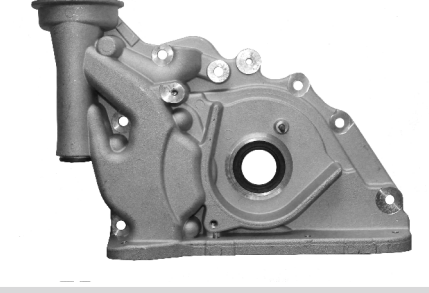
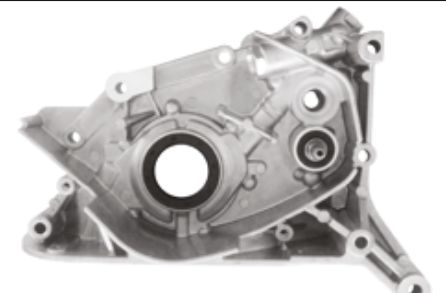
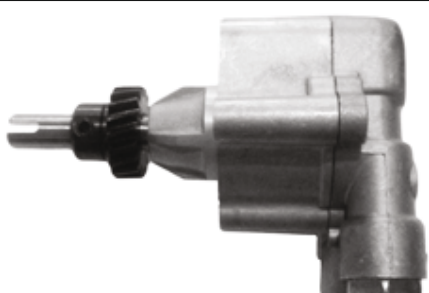
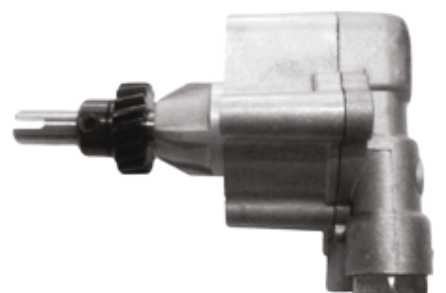
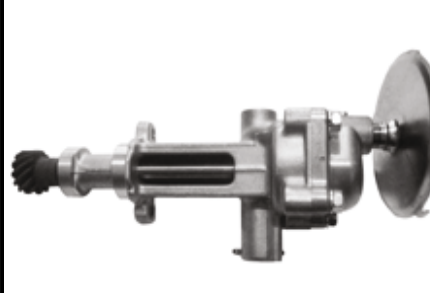
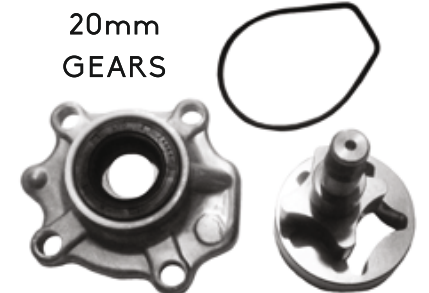
 PEG DRIVE OP0500 - MINI 850 / 1000	 SPLINE DRIVE OP0505 - MINI 1275 / 1300	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT OP1000 - BMW M10B 4 cyl – E21/28/30
 OP1010 - BMW M20B/50B 6 cyl – E21/28/30/34	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT OP1015 - BMW M10B/M21 4 cyl – E12	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT OP1020 - BMW M30B/M90B 6 cyl – E12/24
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT OP1025 - BMW M30B/88B/90B 6 cyl – E23/24/28	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT OP1030 - BMW M30 6 cyl – E32/34	 OP1035 - BMW M50/52 – E36 320-323/325/328i/M3
 OP1040 - BMW M50/52 – E34 520/525i / E38 728i	 OP2000 - DAEWOO MATIZ – F8CV – 796cc	 OP2005 - DAEWOO LANOS – 1.4L SOHC / 1.6L DOHC

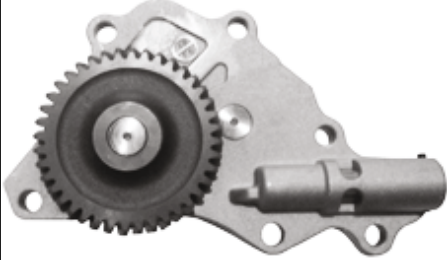
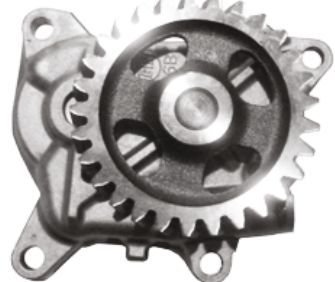
		
OP2010 - DAEWOO / OPEL CIELO/ESPERO – 1.5/1.8/2.0L SOHC	OP2015 - DAEWOO CIELO/ESPERO – 1.5L DOHC	OP2020 - DAEWOO NUBIRA – 1.6 & 2.0L DOHC
		
OP2025 - DAEWOO LANOS – 1.5L SOHC	OP2030 - DAEWOO NUBIRA – 1.8/2.0L DOHC	OP2035 - DAEWOO MATIZ / KALOS / AVEO – 1.0L
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT		
OP2040 - DAEWOO CIELO/ESPERO – DOHC	OP2500 - DAIHATSU CHARADE CB – 1.0L	OP2700 - DEUTZ F3L/FL912/F4L912/F5L
	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP3000 - FIAT UNO – 1400cc	OP3002 - FIAT UNO – 1400cc TURBO	OP3005 - FIAT UNO – 1.0L FIRE
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP3010 - FIAT 124 / 124 SPECIAL	OP3015 - FIAT 128/X19 – 1100/1300/1500cc	OP3020 - FIAT 131 MIRAFIORI

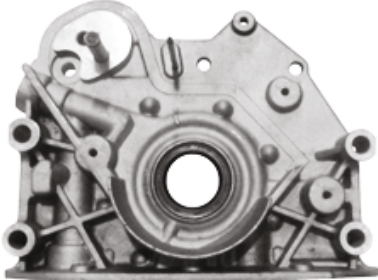
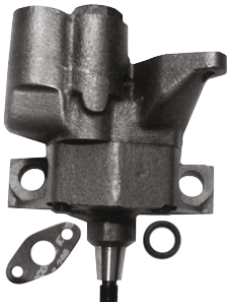
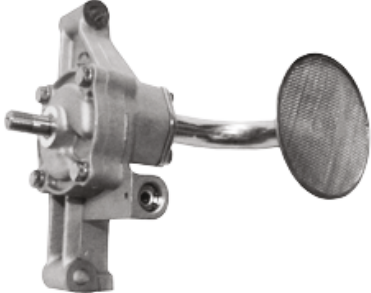
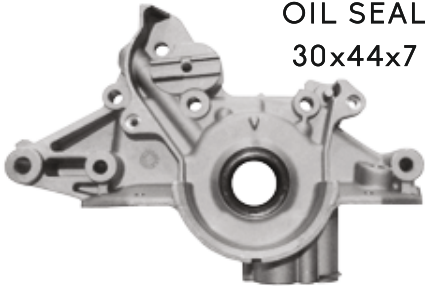
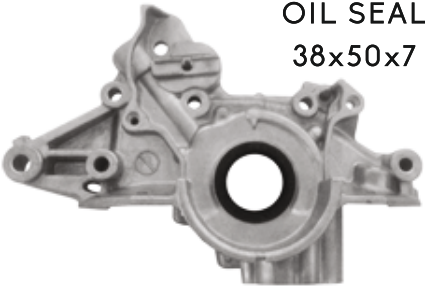
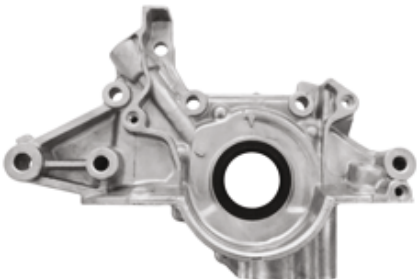
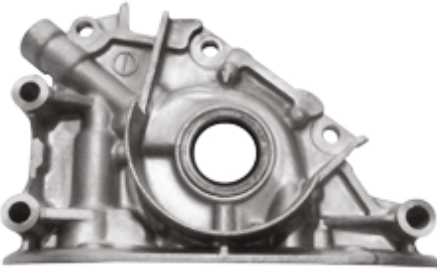
		
OP3500 - FORD KENT OHV - 1.3/1.5/1.6 - RWD	OP3505 - FORD CVH OHC - 1.3/1.6 - 1980-1986	OP3510 - FORD CVH OHC - 1.4/1.6 - 1986 ON
		
OP3515 - FORD ESSEX - 2.5/3.0 - V6	OP3520 - FORD 2.0L OHC - SIERRA	OP3525 - FORD KENT OHV - 1.3/1.6 - FWD
	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP3530 - FORD KOLN - 2.3L	OP3532 - FORD ZETEC - 1.4L EFI - ZH16	OP3533 - FORD ZETEC - 1.6/1.8/2.0L EFI - ZH16/18/20
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	
OP3535 - FORD ZETEC M5 - 2.0L 16v 4 cyl	OP3536 - FORD D18/D18-T/T18Ti DIESEL/TURBO	OP3537 - FORD ROCAM - 1.0/1.6L w/o PULLEY-SPLINE
		
OP3538 - FORD ROCAM - 1.0/1.6L w/o PULLEY-FLAT	OP3539 - FORD ROCAM - 1.0/1.6L w/ PULLEY-FLAT	OP3550 - FORD TRACTOR D SERIES - 330/360/365/380 TURBO

	 25mm GEARS	 44mm GEARS
OP3555 - FORD TRACTOR 3000/4000/5000 – 3 & 4 cyl	OP3560 - FORD TRACTOR 7000/7600/7700	OP3565 - FORD TRACTOR 7000/7600/7700 – TURBO
		
OP4005 - OPEL 12S/12NV/13S	OP4010 - OPEL 16SH/18SE – 1982-1986	OP4015 - OPEL 14NV/16SV – 1988-1990
		
OP4020 - OPEL 14NV – 1990 ON	OP4022 - OPEL 1.8L MPFI 8v – CORSA	OP4023 - OPEL 1.8L MPFI 16v – CORSA
		
OP4025 - OPEL 16SH/18SV/18SE – 1987 ON	OP4030 - OPEL 1.8L MPFI/2.0L MPFI – ECOTEC	OP4035 - OPEL 2.0L GSi 16v
		
OP4038 - OPEL 2.0L GSi 16v	OP4040 - OPEL 2.0L CDX/CSX – X20XEV 16v OHC	OP4050 - OPEL CORSA – 4EC1/4EC1T/4EE1/X17D&DT

		
OP4500 - HONDA 160i ZC1/D16A7 SOHC/D16A9 DOHC	OP4505 - HONDA EN4 - 1300cc	OP4510 - HONDA EV - 1300cc
		
OP4515 - HONDA EW - 1500cc	OP4520 - HONDA 1.8/2.0L - A18A1/A20	OP4525 - HONDA 2.2L - F22A - PRELUDE
		
OP4530 - HONDA 1.3L L13A1/1.5L L15A - JAZZ	OP4535 - HONDA B16A2/B18C1/B20B4/B20Z2 CR-V	OP4540 - HONDA 2.0L - R20A1/R20A3 CR-V
		
OP4545 - HONDA 2.0L - B20 VTEC DOHC CR-V	OP4800 - HYUNDAI 1.3/1.5L - 12v SOHC G4EAE & G4EK	OP4805 - HYUNDAI 1.6/1.8L - 16v G4CR BETA J2
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP4810 - HYUNDAI 1.6L G4CR/1.8L 16v G4DR J1	OP4815 - HYUNDAI 2.0L - 16v - G4CD & G4DR	OP4820 - HYUNDAI 2.0L - 16v - G4CP - 1994 ON

		
OP4830 - HYUNDAI/MITSUB. L100 2.5TD/2.6iTD D4BB & D4BF	OP4835 - HYUNDAI G4EK - ACCENT/MATRIX I/ELANTRA	OP4840 - HYUNDAI ATOS/VISTA - MPI SOHC EARLY
		
OP4845 - HYUNDAI ATOS/VISTA - MPI SOHC LATE	OP4850 - HYUNDAI TUCSON/SPORTAGE - 2.0L TCI	OP4855 - HYUNDAI TERRACAN - 2.9L INTER COOLER
		
OP4860 - HYUNDAI H100 2.6L D4BH	OP5500 - ISUZU G161Z/G180Z/G200Z - OHC	OP5501 - ISUZU G161/G180 - OHV LATE MODELS
	18mm GEARS 	
OP5502 - ISUZU G161Z/G180Z/G200Z - OHC	OP5505 - ISUZU 4ZA1/4ZB1/4ZC1/4ZD1	OP5510 - ISUZU C190/C223 - EARLY MODELS
	20mm GEARS 	
OP5515 - ISUZU C240	OP5520 - ISUZU 4ZE1	OP5525 - ISUZU C190/C223 - LATE MODELS

		
OP5527 - ISUZU 6VD1 – TROOPER 3.2L – PETROL	OP5530 - ISUZU DA120 – w/o PICK UP	OP5535 - ISUZU 4BA1
		
OP5540 - ISUZU E120 / DH100	OP5545 - ISUZU 6BD1 – w/o STRAINER	OP5550 - ISUZU 4JA1 2.5L TD – EARLY MODELS
		
OP5555 - ISUZU E120 – TURBO	OP5560 - ISUZU 4JA1 2.5L TD – LATE MODELS	OP5565 - ISUZU 4JB1 2.8L TDi
		
OP5565 OE - ISUZU 4JB1 2.8L TDi – TBK GENUINE PUMP	OP5568 - ISUZU 4JH-1 D-MAX	OP5569 - ISUZU 4JK1-T / 4JJ1-T 3.0L – 4JG
		
OP5570 - ISUZU 6HE1 / 6HH1-TURBO	OP5575 - ISUZU 6SD1	OP5580 - ISUZU 4HE1 / 4HF1 / 4HG1

		
OP5700 - KIA PREGIO WIDE BONGO J2/PREGIO JT	OP5705 - KIA SPORTAGE - 2.0L TCi	OP5710 - KIA RIO - 1.5L DOHC
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT		
OP5715 - KIA SEPHIA/SHIMA - 1.5L DOHC	OP5810 - LEYLAND BOXER 4/98 & 6/98 TRUCK	OP6000 - MAZDA NA - B1600
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP6002 - MAZDA PB - F1000 - 1.0L	OP6006 - MAZDA UA	OP6007 - MAZDA E2000/2300
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	 OIL SEAL 30x44x7	 OIL SEAL 38x50x7
OP6009 - MAZDA EVA	OP6010 - MAZDA / FORD B3/B5/B6	OP6015 - MAZDA / FORD B3/B5/B6
		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP6018 - MAZDA / FORD BPi - 16 VALVE	OP6020 - MAZDA / FORD FE - 12 VALVE	OP6025 - MAZDA / FORD FE - 16 VALVE

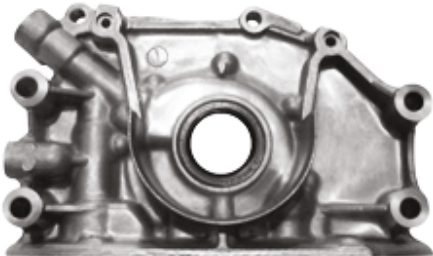
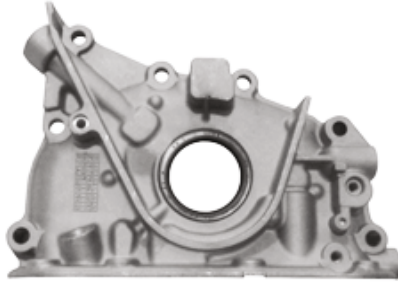
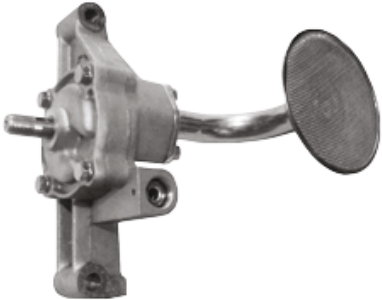
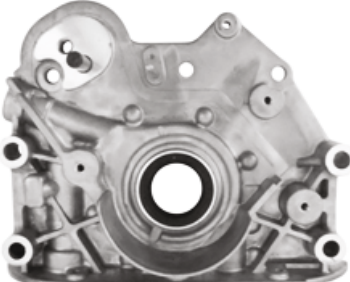
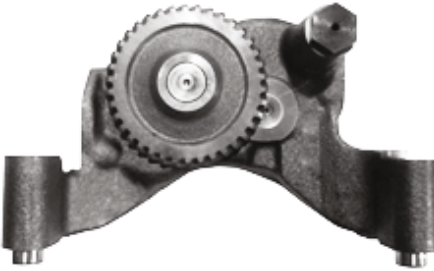
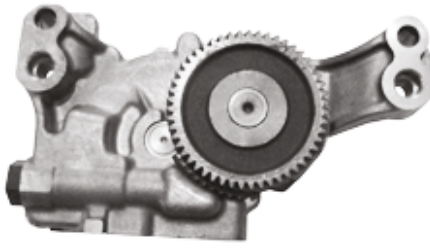
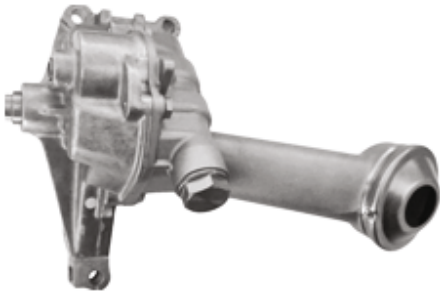
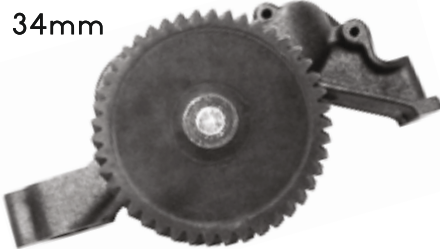
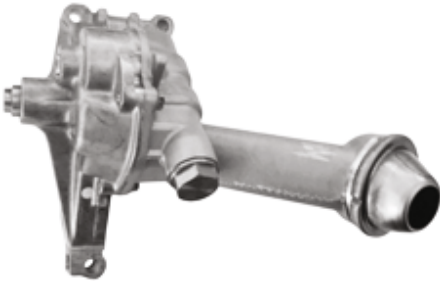
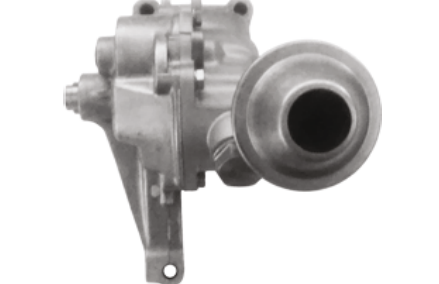
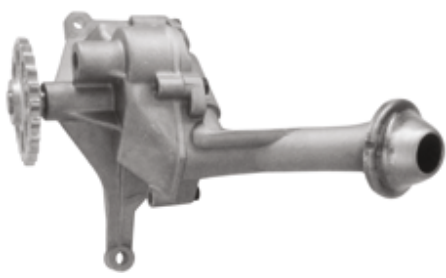
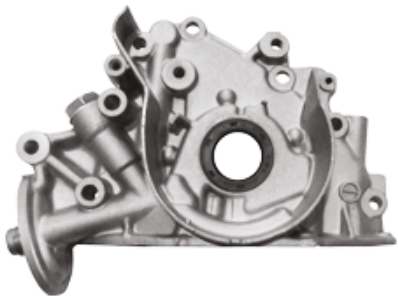
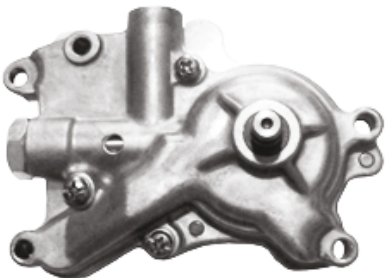
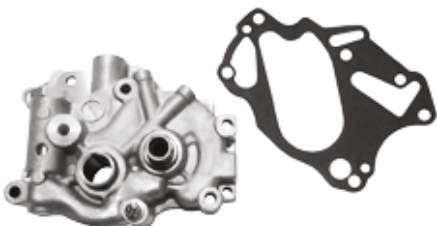
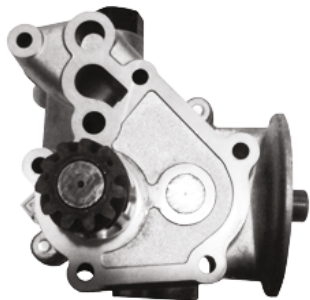
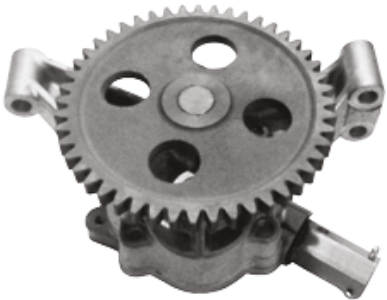
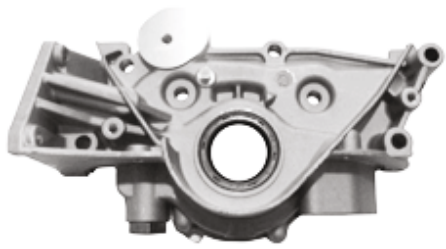
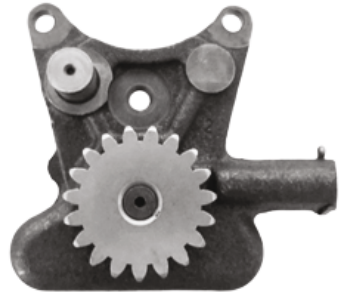
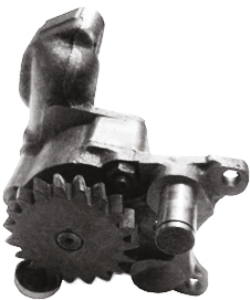
		
OP6030 - MAZDA / FORD F6 / FE	OP6035 - MAZDA / FORD F8 / FE	OP6038 - MAZDA / FORD FS - 16 VALVE
		
OP6040 - MAZDA MA 2.0L - B2000	OP6045 - MAZDA / FORD E3 / E5 - FRONT WHEEL DRIVE	OP6046 - MAZDA / FORD E5 - FRONT WHEEL DRIVE
		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP6055 - MAZDA / FORD F2 - 12 VALVE	OP6056 - MAZDA G6 - 2.6L - PETROL - BT-50	OP6057 - MAZDA / FORD KL - V6
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OP6060 - MAZDA HA - E3000	OP6065 - MAZDA HA - T3000	OP6070 - MAZDA S2
		
OP6075 - MAZDA R2	OP6080 - MAZDA SL	OP6085 - MAZDA WL - 2.5L - DIESEL - BT-50

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OP6090 - MAZDA WE – 3.0L - DIESEL - BT-50	OP6500 - MERCEDES OM615 / OM616 – 1974 ON	OP6501 - MERCEDES OM615 – 1968-1974/M115 – 1968-1984
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OP6502 - MERCEDES OM617 – 1977-1986	OP6503 - MERCEDES OM605 – 1996 ON – C250D	OP6515 - MERCEDES OM621/M115/M121 – EARLY
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP6520 - MERCEDES M108-920 & M180-940 – 1958-1965	OP6525 - MERCEDES M108/M114/M130 – 1968-1971	OP6530 - MERCEDES M121/OM621 – 1967-1969
		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP6535 - MERCEDES M180 – 1968-1976	OP6540 - MERCEDES M123/M180 – 1977-1984	OP6545 - MERCEDES M110 – 280S/280SE/280SEL/280E
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP6550 - MERCEDES M116/M117 – V8	OP6555 - MERCEDES M103 – 260E/300E	OP6560 - MERCEDES M111 – C180/E200/C220/E220

	 40mm PUMP	 40mm PUMP
OP6565 - MERCEDES M104 / OM602 – BM980 SERIES	OP6570 - MERCEDES / TATA OM352 – LONG PUMP	OP6571 - MERCEDES OM352 – SHORT PUMP - NO TACHO
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	 40mm GEARS	 55mm GEARS
OP6572 - MERCEDES OM352A/OM364 4 cyl & OM366 6 cyl	OP6574 - MERCEDES / TATA OM352A TACHO/OM364/OM366	OP6575 - MERCEDES OM355
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	 43mm
OP6576 - MERCEDES / TATA OM366 – EXTENDED TACHO SHAFT	OP6577 - MERCEDES OM360	OP6578 - MERCEDES / TATA OM403 V-10 15.9/OM423 V-8 14.6
 34mm	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP6580 - MERCEDES OM401/402/403/407&A/421&A	OP6582 - MERCEDES OM407HA 6 cyl/424A&HA 12 cyl	OP6585 - MERCEDES OM423/A/LA-Eng. 258849-/ADE442
		
OP6590 - MERCEDES OM602 BM940 SERIES – 312D/412D	OP6591 - MERCEDES OM611 980/1/7 311/13/411/13CDi	OP6592 - MERCEDES OM601 – 308D

	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	
OP6593 - MERCEDES OM602 – 212D/312D/412D SPRINTER	OP7000 - MITSUBISHI 4G32	OP7003 - MITSUBISHI G15B
		
OP7005 - MITSUBISHI 4G54 – LATE	OP7010 - MITSUBISHI 4G52/4G54/G54B – EARLY	OP7025 - MITSUBISHI 4D31
		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP7035 - MITSUBISHI 6D14	OP7040 - MITSUBISHI 4D30	OP7043 - MITSUBISHI 4G64 2.4L - SOHC
		
OP7045 - MITSUB./HYUNDAI 6G72 V6 12v/HYUNDAI SONATA	OP7060 - MITSUBISHI 4M40 – TURBO	OP7400 - PERKINS 3-152 – 3 cyl
		
OP7405 - PERKINS 4-203 – 4 cyl	OP7410 - PERKINS 4-236 – 4 cyl	OP7412 - PERKINS 4-236/4-248 – w/ BALANCER UNIT

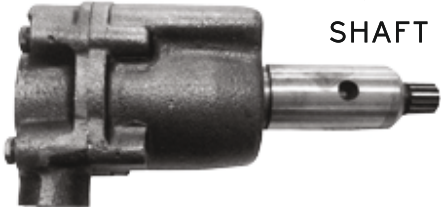
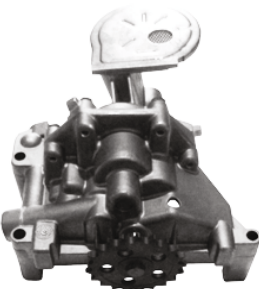
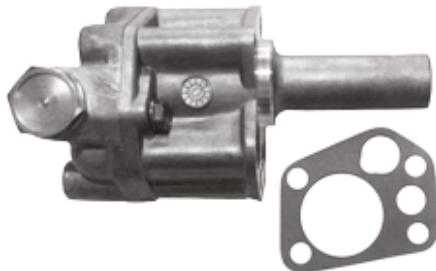
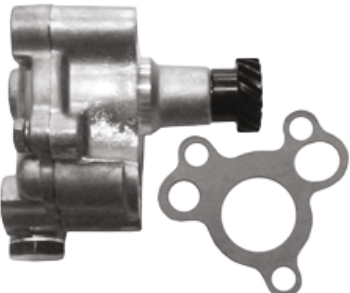
 173mm SHAFT	 195mm SHAFT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP7415 - PERKINS P6-354.1 - SHORT SHAFT	OP7420 - PERKINS P6-354.2 - LONG SHAFT	OP7425 - PERKINS PT6-354/T6-354 - LONG PUMP
 255mm PUMP	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	
OP7430 - PERKINS P6-354.4 TD - SHORT PUMP	OP7500 - PEUGEOT 404 - w/o STRAINER	OP7505 - PEUGEOT 404 / 504 - DIESEL
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT		
OP7510 - PEUGEOT 504 - w/ STRAINER	OP7515 - PEUGEOT 305	OP7520 - PEUGEOT / CITR. 1.8/2.0 16v/306/307/405/406
		
OP7525 - PEUGEOT / CITR. 206/307/XSARA 1.6L 16v	OP8000 - NISSAN A10 / A12 / A14 / A15	OP8005 - NISSAN L14 / 16 / 18 / 20B / 24 / Z20
		
OP8010 - NISSAN E13 / E15	OP8012 - NISSAN J13	OP8015 - NISSAN J15 / J16

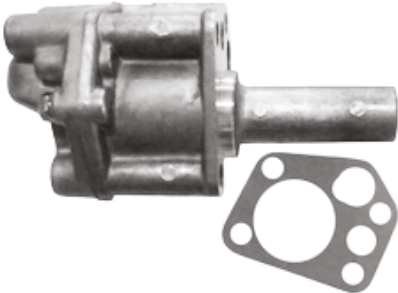
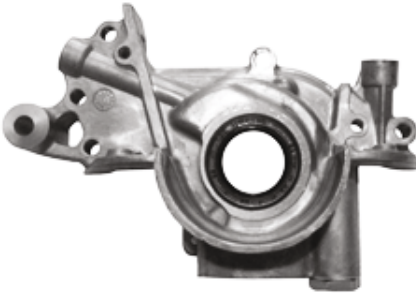
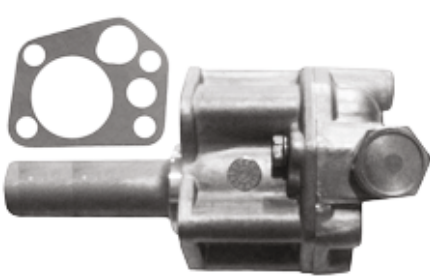
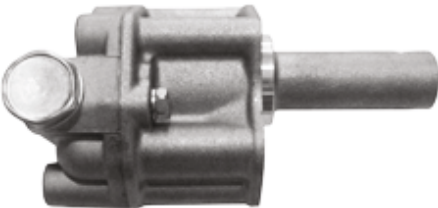
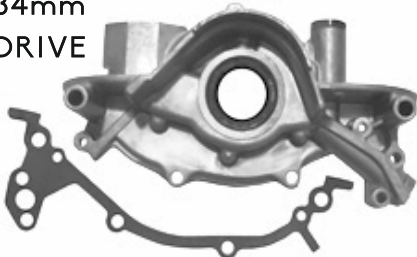
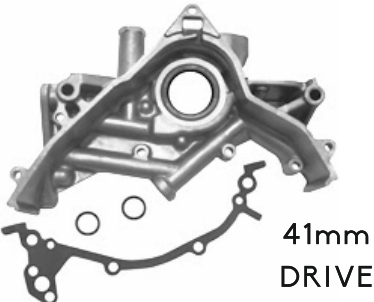
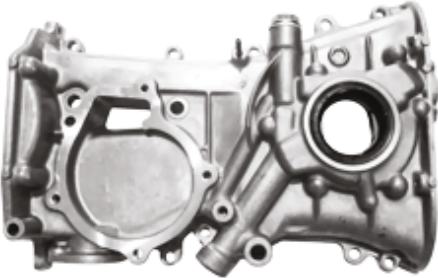
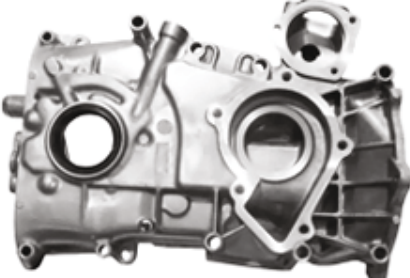
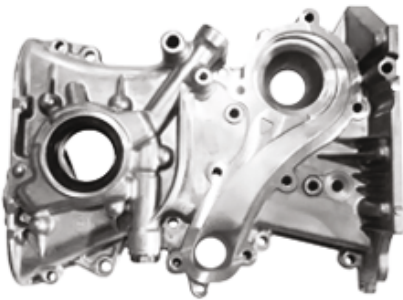
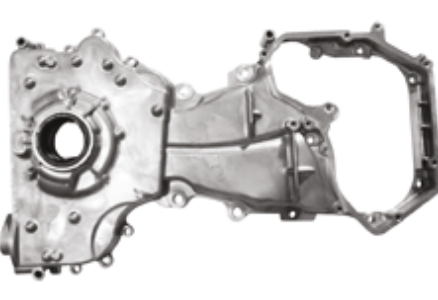
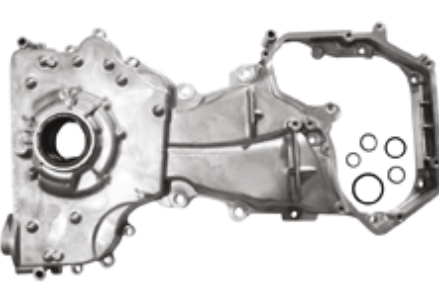
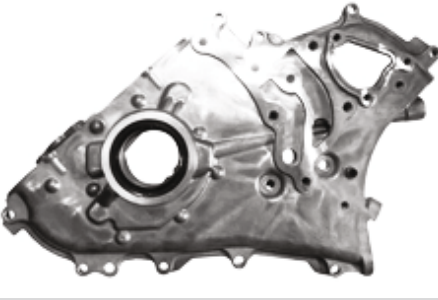
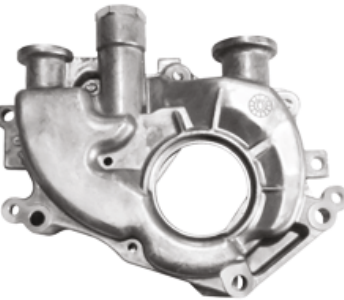
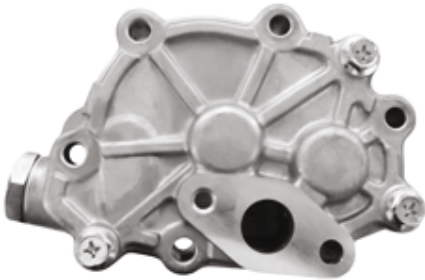
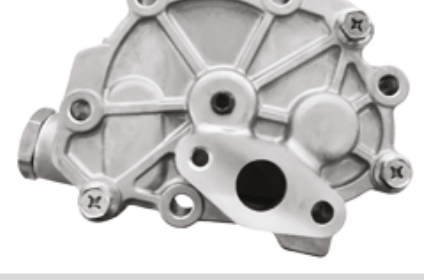
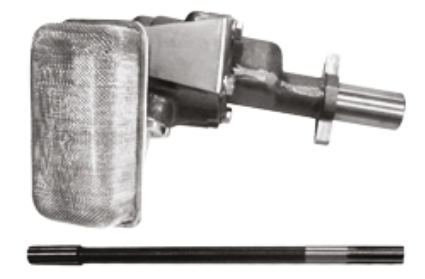
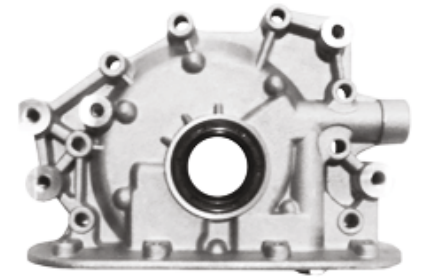
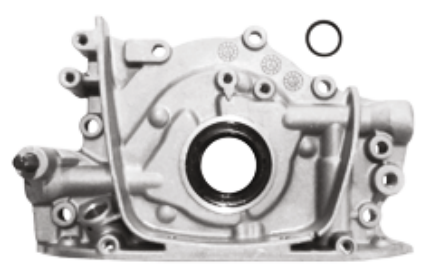
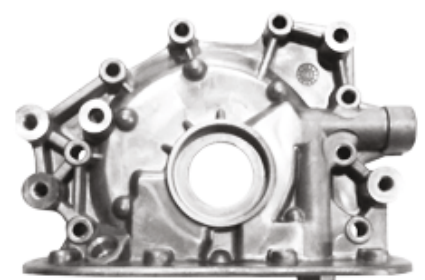
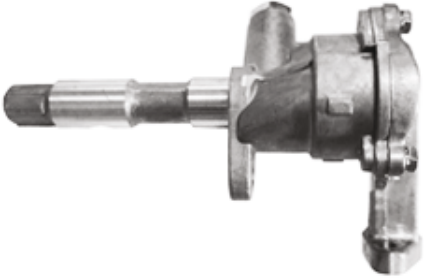
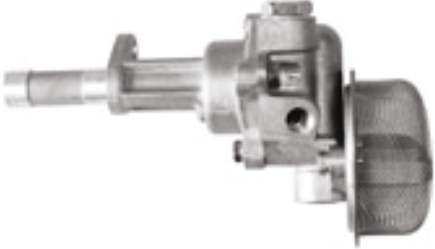
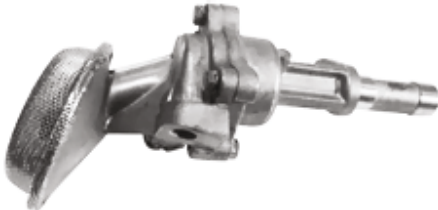
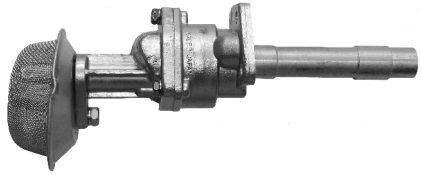
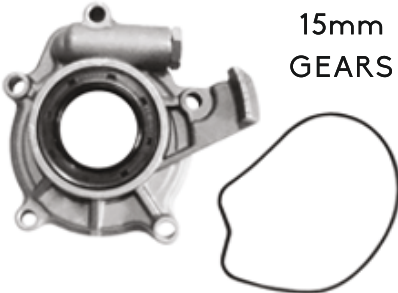
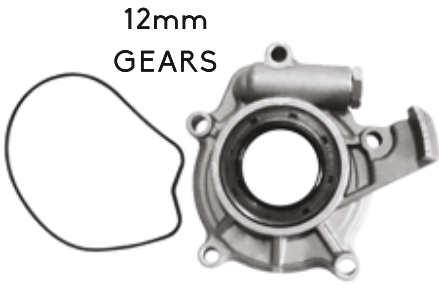
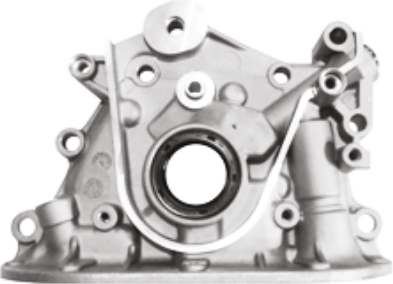
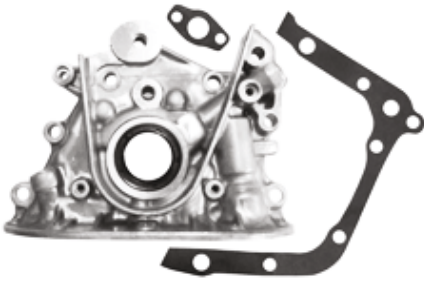
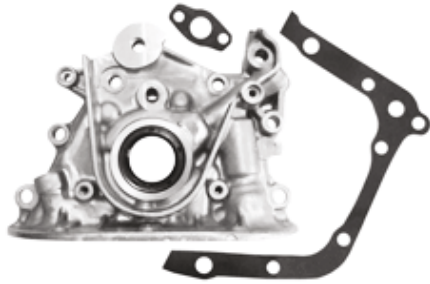
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OP8020 - NISSAN CABALL - H20	OP8025 - NISSAN E20 - H20	OP8030 - NISSAN SD22 / SD23
		
OP8034 - NISSAN Z24/L28E - HIGH VOLUME	OP8035 - NISSAN CA20	OP8040 - NISSAN LD20/Z22-24/NA16-20/KA24E SOHC
		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP8043 - NISSAN L28	OP8045 - NISSAN E15 / E16 - TURBO	OP8050 - NISSAN RB20E / RB30E
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	34mm DRIVE 	34mm DRIVE 
OP8053 - NISSAN RB30E	OP8055 - NISSAN VG30E - 4 X 2	OP8060 - NISSAN VG30E - 4 X 4
 41mm DRIVE		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP8063 - NISSAN VG30E - 4 X 4 / VG33E	OP8064 - NISSAN VG33E - 3.3L	OP8065 - NISSAN CA18DE

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OP8068 - NISSAN ZD30DDTi – 3.0L DIESEL	OP8070 - NISSAN GA14DE/GA14DS / GA16DE/GA16DS	OP8071 - NISSAN KA24DE
		
OP8072 - NISSAN VQ30DE	OP8073 - NISSAN MR18DE – 1.8L DOHC TIIDA	OP8074 - NISSAN QG16DE – 1.6L / QG18DE – 1.8L
		
OP8075 - NISSAN SR20DE	OP8076 - NISSAN QR20DE – 2.0L X-TRAIL	OP8077 - NISSAN QR25DE – 2.5L ALTIMA/X-TRAIL
		
OP8078 - NISSAN YD25DDTi – 2.5L DIESEL NAVARA	OP8079 - NISSAN YD22 – 2.2L / YD25 – 2.5L DIESEL	OP8080 - NISSAN TD25 / TD27
	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	
OP8081 - NISSAN VQ40DE – 4.0L V6 DOHC PETROL	OP8082 - NISSAN RD28	OP8083 - NISSAN QD32 – D22 MODEL

		
OP8084 - NISSAN FD46 – H41 MODEL	OP8085 - NISSAN ND6 – DIESEL	OP8087 - NISSAN PD6 – DIESEL
		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP8090 - NISSAN PD6 – TURBO DIESEL	OP8095 - NISSAN ED33	OP8500 - RENAULT R5
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	 22 TEETH	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP8505 - RENAULT R9	OP8510 - RENAULT 1.6L 16v – CLIO/SCENIC/KANGOO	OP8700 - LAND ROVER 4 cyl (FOR STRAIGHT FILTER)
		
OP8705 - LAND ROVER 6 cyl (FOR BENT FILTER)	OP8800 - SUZUKI FA5A SS40/1 / FA10A SJ410	OP8805 - SUZUKI G13A VITARA/G15/SAMURAI 1.6L
		
OP8810 - SUZUKI K10A/B – 1.0L ALTO	OP8815 - SUZUKI G18K/H20A/J18A/J20A/B VITARA/S	OP9000 - TOYOTA 2T / 3T – T SERIES

		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP9005 - TOYOTA 1/2/3/4Y – w/o STRAINER	OP9007 - TOYOTA 1/2/3/4Y – w/ STRAINER	OP9010 - TOYOTA 2R / 12R – HILUX
		
OP9012 - TOYOTA 12R – RN20/25 – EARLY	OP9014 - TOYOTA 12RJ – RN30/40 – LATE	OP9015RC - TOYOTA 6R/7R/8R/16R/18R RH20 – EARLY
	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP9015RU - TOYOTA 18R – RX3 – LATE	OP9016 - TOYOTA 3R / 5R – EARLY	OP9017 - TOYOTA 18R – 4 X 4
		
OP9018 - TOYOTA 4M / 5ME – EARLY MODEL	OP9020 - TOYOTA 21R/22R/22REC	OP9022 - TOYOTA 20R/21R
		
OP9030 - TOYOTA 2AL / 4AL	OP9032 - TOYOTA 4AF	OP9034 - TOYOTA 4AGE/U

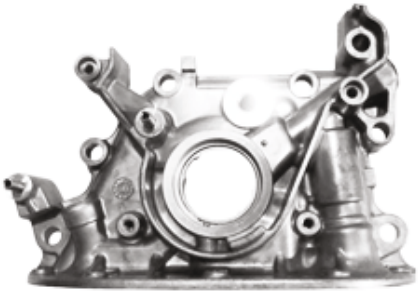
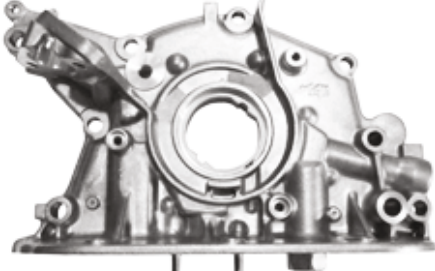
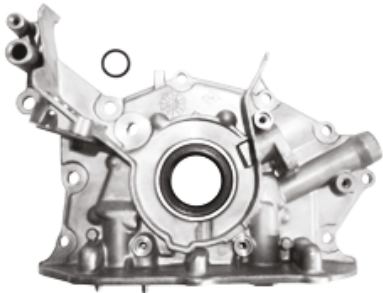
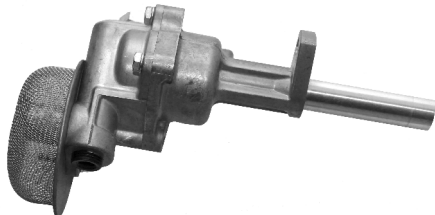
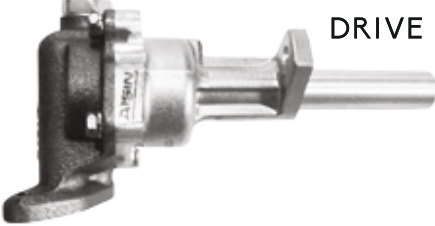
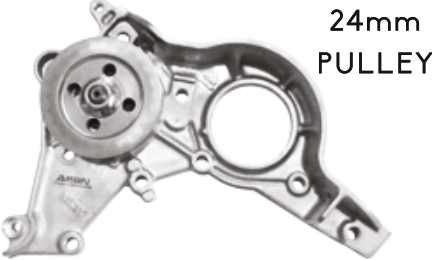
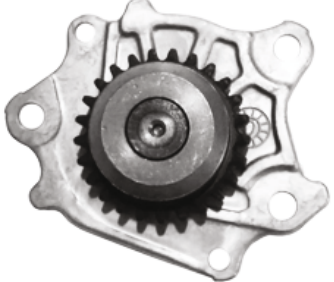
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OP9037 - TOYOTA 4AGE	OP9045 - TOYOTA B SERIES	OP9046 - TOYOTA 3SFE
		
OP9047 - TOYOTA 5SFE	OP9048 - TOYOTA 2K / 3K / 4K / 4KE / 5K	OP9049 - TOYOTA 3VZFE
		
OP9050 - TOYOTA 2K / 3K / 4K / 4KE / 5K	OP9051 - TOYOTA 1MZ-FE	OP9055 - TOYOTA 5R - RS - LATE
 GEAR DRIVE		 20mm PULLEY
OP9057 - TOYOTA 5R - RK - EARLY	OP9059 - TOYOTA 5R - RU20/RU30	OP9060 - TOYOTA 2E - LU
	 24mm PULLEY	
OP9061 - TOYOTA 1SZ-FE / 2SZ-FE - YARIS/VITZ	OP9062 - TOYOTA 2E - L - EE80	OP9063 - TOYOTA K3-VE - 1.3L AVANZA

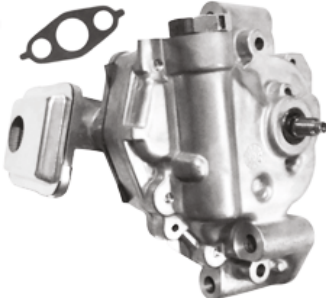
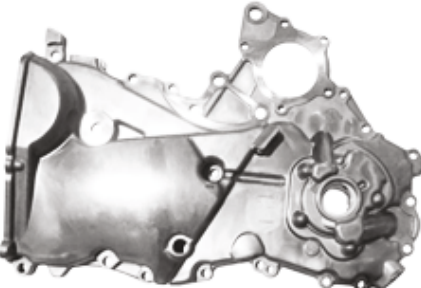
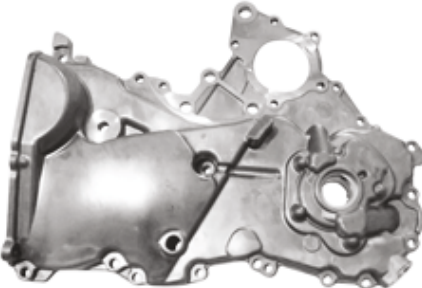
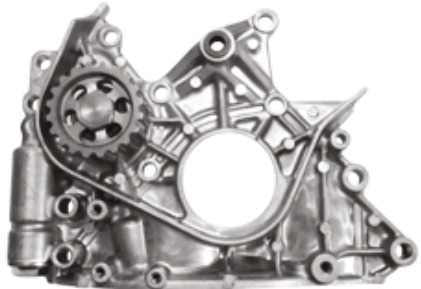
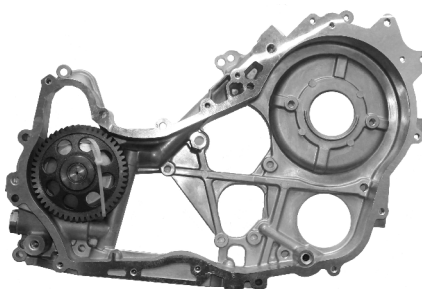
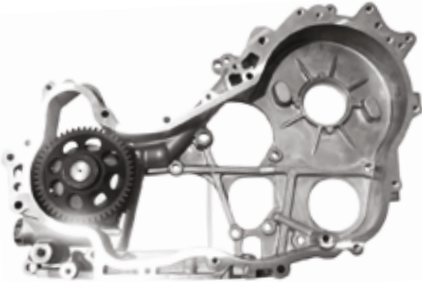
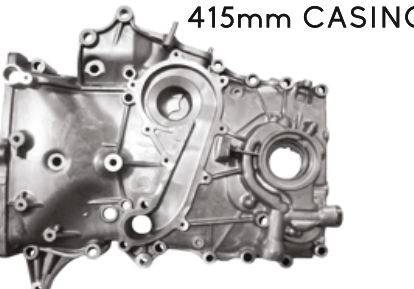
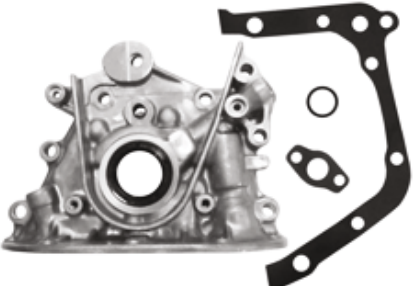
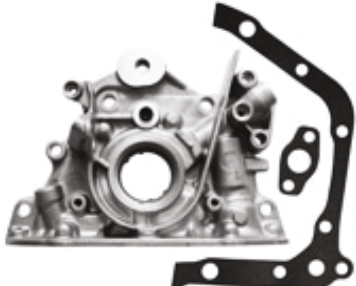
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OP9064 - TOYOTA 3SZ-VE – 1.5L AVANZA	OP9065 - TOYOTA 5ME – LATE MODEL	OP9066 - TOYOTA 5MGE
		
OP9067 - TOYOTA 1AZ-FE/2AZ-FE – RAV4	OP9068 - TOYOTA 1NZ-FE – 1.5L YARIS/VIOS	OP9069 - TOYOTA 2NZ-FE – 1.3L YARIS
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT		
OP9070 - HINO DA116 / 2D118 – DIESEL	OP9071 - TOYOTA 1C / 2C – DIESEL	OP9074 - TOYOTA 1KZ-TE – 16v TURBO HOUSING
		
OP9075 - TOYOTA 1GEU	OP9077 - TOYOTA F / 2F	OP9079 - TOYOTA 2KD-FTV – 2.5L QUANTUM DIESEL
	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	415mm CASING 
OP9080 - TOYOTA 2F / 3F	OP9081 - TOYOTA 3F – S/WAGON - BOLT ON PICK UP	OP9082 - TOYOTA 1TR-FE - 2.0L \2TR-FE - 2.7L

		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP9083 - TOYOTA 1/2/3/4ZZ-FE	OP9084 - TOYOTA 2TR-FE – 2.7L QUANTUM	OP9085 - TOYOTA H SERIES
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT		
OP9086 - TOYOTA 7MGE	OP9088 - TOYOTA 7AF	OP9089 - TOYOTA 7AFE
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP9090 - HINO DA115 – DIESEL	OP9092 - HINO EC100 – DIESEL	OP9094 - HINO EB300 – DIESEL
PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT		
OP9096 - HINO EK100 – DIESEL	OP9500 - VOLKSWAGEN GOLF/JETTA – 1.3/1.6L	OP9501 - VOLKSWAGEN 1.3/1.6L – w/ OIL BAFFLE
	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP9502 - VOLKSWAGEN GOLF/FOX – 1.3/1.5/1.6L	OP9505 - VOLKSWAGEN GOLF – 1.1L	OP9507 - VOLKSWAGEN 1.9/2.0/2.1L – DRY SUMP

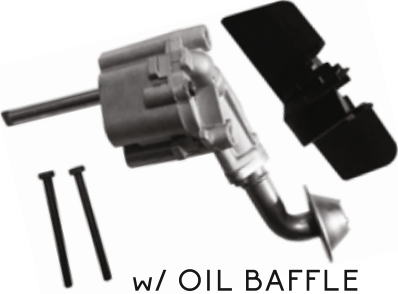
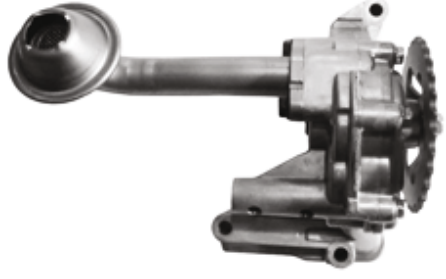
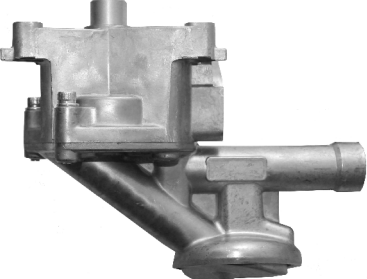
	30mm GEARS 	30mm KIT 
OP9510 - VW / AUDI AUDI 80/100/PASSAT 1.8L JV ENG	OP9512 - VOLKSWAGEN 1.9/2.0/2.1L – WATER COOLED	OP9515 - VOLKSWAGEN 1.9/2.0/2.1L – WATER COOLED
 w/ OIL BAFFLE	8mm STUDS / 30mm GEARS 	8mm STUDS / 26mm GEARS 
OP9517 - VOLKSWAGEN GOLF/AUDI – 1.3/1.5/1.6L	OP9518 - VOLKSWAGEN 1.6L	OP9520 - VOLKSWAGEN 1.6L
		
OP9525 - VOLKSWAGEN 1.6L	OP9530 - VOLKSWAGEN 1.5/1.6L PASSAT/1.5L DIESEL	OP9532 - VOLKSWAGEN 2.0L – 16v
	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP9534 - VOLKSWAGEN A4 – 1.8L - TURBO 20v	OP9535 - VOLKSWAGEN 1.8L GTI – 16v - KR ENGINE	OP9536 - VOLKSWAGEN 1.8L 16v MK2/KOMBI 1.8L
 w/ OIL BAFFLE	 w/ OIL BAFFLE	
OP9537- VOLKSWAGEN 1.5L – DIESEL - CK ENGINE	OP9538 - VOLKSWAGEN 2.0L GTI – 8v	OP9539 - VOLKSWAGEN 2.0L – 16v - AAL ENGINE

	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT	PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP9540 - VOLKSWAGEN 1.5L / 1.6L - DIESEL	OP9545 - VOLKSWAGEN 1.6L - DIESEL CK & JK ENGINES	OP9550 - VOLKSWAGEN 2.0/2.2/2.3/2.5i/2.6i - 5 cyl
		PHOTO NOT AVAILABLE AT TIME OF GOING TO PRINT
OP9560 - VW / AUDI A3 1.6/1.8 & T/BEETLE/GOLF4 - 8v	OP9565 - VOLKSWAGEN VR6 - 2.8L V6	OP9568 - VOLKSWAGEN POLO - 1.4L 16v BLM ENGINE

AUTOBAX

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- GATES TIMING BELT KITS
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- SHIMIZU TIMING COMPONENTS & KITS
- TIMING BELT TENSIONERS & IDLERS
- EXPANSION PLUGS

OIL PUMP GEAR KITS/CRANK SHAFT SPLINE GEARS & OIL PUMP DRIVE SHAFTS

INDEX BY PART NUMBER

PART NO	VEHICLE	APPLICATION	PAGE
OPG9025	TOYOTA	2L – CRANKSHAFT SPLINE GEAR	1
OPG9027	TOYOTA	2L(MK2)/3L/5L	1
OPG9035	TOYOTA	3B – CRANKSHAFT SPLINE GEAR	1
OPG9045	TOYOTA	11B/13B/14B	1
OPH9025	TOYOTA	2L – COMPLETE HOUSING (INCL GEARS)	1
OPH9027	TOYOTA	2L(MK2)/3L/5L – HOUSING	1
OPH9035	TOYOTA	3B – COMPLETE HOUSING (INCL GEARS)	1
OPH9045	TOYOTA	11B/13B/14B – COMPLETE HOUSING	1
OPH9074	TOYOTA	1KZTE 16v – COMPLETE HOUSING	1
OPH9076	TOYOTA	1FZ-FE 4.5L – COMPLETE HOUSING	1
OPH9087	TOYOTA	2H – COMPLETE HOUSING (INCL GEARS)	1
OPH9091	TOYOTA	1HZ – COMPLETE HOUSING (INCL GEARS)	1
OPK3505	FORD	CVH OHC – 1.3/1.6 – 1980-1986	2
OPK3510	FORD/MAZDA	CVH OHC – 1.4/1.6 – 1986 ON	2
OPK3515	FORD	ESSEX – 2.5/3.0 – V6	2
OPK3537	FORD	ROCAM – 1.3L & 1.6L	2
OPK4005	OPEL	12S/12NV/13S	2
OPK4010	OPEL	16SH/18SE – 1982-1986	2
OPK4015	OPEL	14NV/16SV – 1988-1990	2
OPK4020	OPEL	2.0L/2.2L/2.5L/2.8L/3.0L	2
OPK5505	ISUZU	4ZA1/4ZB1/4ZC1/4ZD1	2
OPK6000	MAZDA	NA – B1600	2
OPK6005	MAZDA	TC/UC – ROTOR & SHAFT KIT	2
OPK6020	MAZDA/FORD	FE – 12 VALVE	2
OPK6030	MAZDA/FORD	F6/FE	2
OPK6035	MAZDA/FORD	F8/FE	2
OPK6500	MERCEDES	OM615/616/617	2
OPK6505	MERCEDES	M102 – 7.5mm GEARS	3
OPK6510	MERCEDES	M102 – 9.5mm GEARS	3
OPK7005	MITSUBISHI	4G54 – LATE	3
OPK7010	MITSUBISHI	4G54/63 – 14mm GEARS/20mm SHAFT	3
OPK7015	MITSUBISHI	4G62B/63 – 10mm GEARS/17mm SHAFT	3
OPK7020	MITSUBISHI	4G63 – 10mm GEARS/20mm SHAFT	3
OPK7500	PEUGEOT	404 – w/o STRAINER	3
OPK7505	PEUGEOT	404/504 – DIESEL	3
OPK8000	NISSAN	A10/A12/A14/A15	3
OPK8005	NISSAN	L14/16/18/20B/24/Z20	3
OPK8010	NISSAN	E13/E15	3
OPK8070	NISSAN	GA14DE GA14DS/GA16DE GA16DS	3
OPK8500	RENAULT	R5	3
OPK9015	TOYOTA	6R/7R/8R/16R/18R – RH20/RX3	3
OPK9020	TOYOTA	20R/21R/22R/22REC – L SERIES 12mm GEARS	3
OPK9025	TOYOTA	2L – 15mm GEARS (INCL SPLINE)	4
OPK9026	TOYOTA	2L – 15mm GEARS (EXCL SPLINE)	4
OPK9027	TOYOTA	2L(MK2)/3L (INCL SPLINE)	4
OPK9035	TOYOTA	3B – 13mm GEARS (INCL SPLINE)	4
OPK9040	TOYOTA	11B – 14mm GEARS (INCL SPLINE)	4
OPK9045	TOYOTA	13B/14B (INCL SPLINE)	4
OPK9071	TOYOTA	1C/2C – INNER & OUTER ROTORS	4
OPK9072	TOYOTA	1RZ/2RZ	4
OPK9073	TOYOTA	3RZ-FE	4
OPK9079	TOYOTA	2KD-FTV – 2.5L QUANTUM DIESEL	4
OPK9084	TOYOTA	2TR-FE – 2.7L QUANTUM PETROL	4
OPK9087	TOYOTA	2H – INNER & OUTER ROTORS	4
OPK9505	VOLKSWAGEN/SUZUKI	GOLF – 1.1L/SUZUKI SJ410	4

OIL PUMPS

INDEX BY PART NUMBER

PART NO	VEHICLE	APPLICATION	PAGE
OP0500	MINI	850/1000 (PEG DRIVE)	5
OP0505	MINI	1275/1300 (SPLINE DRIVE)	5
OP1000	BMW	M10B 4 cyl – E21/E28/E30	5
OP1010	BMW	M20B/50B 6 cyl – E21/28/30/34	5
OP1015	BMW	M10B/M21 4 cyl – E12	5
OP1020	BMW	M30B/M90B 6 cyl – E12/E24	5
OP1025	BMW	M30B/88B/90B 6 cyl – E23/24/28	5
OP1030	BMW	M30 6 cyl – E32/E34	5
OP1035	BMW	M50/52 – E36 320-323/325/328i/M3	5
OP1040	BMW	M50/52 – E34 520/525i / E38 728i	5
OP2000	DAEWOO	MATIZ – F8CV – 796cc	5
OP2005	DAEWOO	LANOS – 1.4L SOHC/1.6L DOHC	5
OP2010	DAEWOO / OPEL	CIELO/ESPERO – 1.5/1.8/2.0L SOHC	6
OP2015	DAEWOO	CIELO/ESPERO – 1.5L DOHC	6
OP2020	DAEWOO	NUBIRA – 1.6L & 2.0L DOHC	6
OP2025	DAEWOO	LANOS – 1.5L SOHC	6
OP2030	DAEWOO	NUBIRA – 1.8L/2.0L DOHC	6
OP2035	DAEWOO	MATIZ/KALOS/AVEO – 1.0L	6
OP2040	DAEWOO	CIERA/ESPERO – DOHC	6
OP2500	DAIHATSU	CHARADE CB – 1.0L	6
OP2700	DEUTZ	F3L/FL912/F4L912/F5L	6
OP3000	FIAT	UNO – 1400cc	6
OP3002	FIAT	UNO – 1400cc TURBO	6
OP3005	FIAT	UNO – 1.0L FIRE	6
OP3010	FIAT	124/124 SPECIAL	6
OP3015	FIAT	128/X19 – 1100/1300/1500cc	6
OP3020	FIAT	131 MIRAFIORI	6
OP3500	FORD	KENT OHV – 1.3/1.5/1.6 – RWD	7
OP3505	FORD	CVH OHC – 1.3/1.6 – 1980-1986	7
OP3510	FORD	CVH OHC – 1.4/1.6 – 1986 ON	7
OP3515	FORD	ESSEX – 2.5/3.0 – V6	7
OP3520	FORD	2.0L OHC – SIERRA	7
OP3525	FORD	KENT OHV – 1.3/1.6 – FWD	7
OP3530	FORD	KOLN – 2.3L	7
OP3532	FORD	ZETEC – 1.4L EFI – ZH16	7
OP3533	FORD	ZETEC – 1.6/1.8/2.0L EFI – ZH16/18/20	7
OP3535	FORD	ZETEC M5 – 2.0L 16v 4 cyl	7
OP3536	FORD	D18/D18-T/T18Ti – DIESEL/TURBO	7
OP3537	FORD	ROCAM – 1.0/1.6L (w/o PULLEY-SPLINE)	7
OP3538	FORD	ROCAM – 1.0/1.6L (w/o SPLINE-GEAR)	7
OP3539	FORD	ROCAM – 1.0/1.6L (w/ FLAT-GEAR)	7
OP3550	FORD TRACTOR	D SERIES – 330/360/365/380 TURBO	7
OP3555	FORD TRACTOR	3000/4000/5000 – 3 & 4 cyl	8
OP3560	FORD TRACTOR	7000/7600/7700 – 25mm GEARS	8
OP3565	FORD TRACTOR	7000/7600/7700 – TURBO – 44mm GEARS	8
OP4005	OPEL	12S/12NV/13S	8
OP4010	OPEL	16SH/18SE – 1982-1986	8
OP4015	OPEL	14NV/16SV – 1988-1990	8
OP4020	OPEL	14NV – 1990 ON	8
OP4022	OPEL	1.8L MPFI 8v – CORSA	8
OP4023	OPEL	1.8L MPFI 16v – CORSA	8
OP4025	OPEL	16SH/18SV/18SE – 1987 ON	8
OP4030	OPEL	1.8L MPFI/2.0L MPFI – ECOTEC	8
OP4035	OPEL	2.0L GSi 16v – ROUND OIL HOLE	8
OP4038	OPEL	2.0L GSi 16v – OVAL OIL HOLE	8
OP4040	OPEL	2.0L CDX/CSX – X20XEV 16v OHC	8
OP4050	OPEL	CORSA – 4EC1/4EC1T/4EE1/X17D & DT	8
OP4500	HONDA	160i ZC1/D16A7 SOHC/D16A9 DOHC	9

PART NO	VEHICLE	APPLICATION	PAGE
OP4505	HONDA	EN4 – 1300cc	9
OP4510	HONDA	EV – 1300cc	9
OP4515	HONDA	EW – 1500cc	9
OP4520	HONDA	1.8L/2.0L – A18A1/A20	9
OP4525	HONDA	2.2L – F22A – PRELUDE	9
OP4530	HONDA	1.3L L13A1/1.5L L15A – JAZZ	9
OP4535	HONDA	B16A2/B18C1/B20B4/B20Z2 CR-V	9
OP4540	HONDA	2.0L – R20A1/R20A3 CR-V	9
OP4545	HONDA	2.0L – B20 VTEC DOHC CR-V	9
OP4800	HYUNDAI	1.3/1.5L – 12v SOHC G4EAE & G4EK	9
OP4805	HYUNDAI	1.6/1.8L – 16v G4CR BETA J2	9
OP4810	HYUNDAI	1.6L G4CR/1.8L G4DR J1	9
OP4815	HYUNDAI	2.0L – 16v – G4CD & G4DR	9
OP4820	HYUNDAI	2.0L – 16v – G4CP – 1994 ON	9
OP4830	HYUNDAI / MITSUBISHI	L100 2.5TD/2.6TD D4BB & D4BF	10
OP4835	HYUNDAI	G4EK – ACCENT/MATRIX 1/ELANTRA	10
OP4840	HYUNDAI	ATOS/VISTA – MPI SOHC EARLY	10
OP4845	HYUNDAI	ATOS/VISTA – MPI SOHC LATE	10
OP4850	HYUNDAI	TUCSON/SPORTAGE – 2.0L TCI	10
OP4855	HYUNDAI	TERRACAN – 2.9L INTER COOLER	10
OP4860	HYUNDAI	H100 2.6L D4BH	10
OP5500	ISUZU	G161Z/G180Z/G200Z – OHC	10
OP5501	ISUZU	G161/G180 – OHV LATE MODELS	10
OP5502	ISUZU	G161Z/G180Z/G200Z – OHC	10
OP5505	ISUZU	4ZA1/4ZB1/4ZC1/4ZD1 – 18mm GEARS	10
OP5510	ISUZU	C190/C223 – EARLY MODELS	10
OP5515	ISUZU	C240	10
OP5520	ISUZU	4ZE1 – 20mm GEARS	10
OP5525	ISUZU	C190/C223 – LATE MODELS	10
OP5527	ISUZU	6VD1 – TROOPER 3.2L – PETROL	11
OP5530	ISUZU	DA120 (w/o PICK UP)	11
OP5535	ISUZU	4BA1	11
OP5540	ISUZU	E120/DH100	11
OP5545	ISUZU	6BD1 (w/o STRAINER)	11
OP5550	ISUZU	4JA1 2.5L TD – EARLY MODELS	11
OP5555	ISUZU	E120 – TURBO	11
OP5560	ISUZU	4JA1 2.5L TD – LATE MODELS	11
OP5565	ISUZU	4JB1 2.8L TDi	11
OP5565 OE	ISUZU	4JB1 2.8L TDi – TBK GENUINE PUMP	11
OP5568	ISUZU	4JH-1 D-MAX	11
OP5569	ISUZU	4JK1-T/4JJ1-T 3.0L – 4JG	11
OP5570	ISUZU	6HE1/6HH1-TURBO	11
OP5575	ISUZU	6SD1	11
OP5580	ISUZU	4HE1/4HF1/4HG1	11
OP5700	KIA	PREGIO WIDE BONGO J2/PREGIO JT	12
OP5705	KIA	SPORTAGE – 2.0L TCI	12
OP5710	KIA	RIO – 1.5L DOHC	12
OP5715	KIA	SEPHIA/SHIMA – 1.5L DOHC	12
OP5810	LEYLAND	BOXER 4/98 & 6/98 TRUCK	12
OP6000	MAZDA	NA – B1600	12
OP6002	MAZDA	PB – F1000 – 1.0L	12
OP6006	MAZDA	UA	12
OP6007	MAZDA	E2000/2300	12
OP6009	MAZDA	EVA	12
OP6010	MAZDA / FORD	B3/B5/B6 – OIL SEAL = 30x44x7	12
OP6015	MAZDA / FORD	B3/B5/B6 – OIL SEAL = 38x50x7	12
OP6018	MAZDA / FORD	BPI – 16 VALVE	12
OP6020	MAZDA / FORD	FE – 12 VALVE	12
OP6025	MAZDA / FORD	FE – 16 VALVE	12
OP6030	MAZDA / FORD	F6/FE	13
OP6035	MAZDA / FORD	F8/FE	13
OP6038	MAZDA / FORD	FS – 16 VALVE	13
OP6040	MAZDA	MA 2.0L – B2000	13

PART NO	VEHICLE	APPLICATION	PAGE
OP6045	MAZDA / FORD	E3/E5 – FRONT WHEEL DRIVE	13
OP6046	MAZDA / FORD	E5 – FRONT WHEEL DRIVE	13
OP6055	MAZDA / FORD	F2 – 12 VALVE	13
OP6056	MAZDA	G6 – 2.6L – PETROL – BT-50	13
OP6057	MAZDA / FORD	KL – V6	13
OP6060	MAZDA	HA – E3000	13
OP6065	MAZDA	HA – T3000	13
OP6070	MAZDA	S2	13
OP6075	MAZDA	R2	13
OP6080	MAZDA	SL	13
OP6085	MAZDA	WL – 2.5L – DIESEL – BT-50	13
OP6090	MAZDA	WE – 3.0L – DIESEL – BT-50	14
OP6500	MERCEDES	OM615/OM616 – 1974 ON	14
OP6501	MERCEDES	OM615 – 1968-1974/M115 – 1968-1984	14
OP6502	MERCEDES	OM617 – 1977-1986	14
OP6503	MERCEDES	OM605 – 1996 ON – C250D	14
OP6515	MERCEDES	OM621/M115/M121 – EARLY	14
OP6520	MERCEDES	M108-920 & M180-940 – 1958-1965	14
OP6525	MERCEDES	M108/M114/M130 – 1968-1971	14
OP6530	MERCEDES	M121/OM621 – 1967-1969	14
OP6535	MERCEDES	M180 – 1968-1976	14
OP6540	MERCEDES	M123/M180 – 1977-1984	14
OP6545	MERCEDES	M110 – 280S/280SE/280SEL/280E	14
OP6550	MERCEDES	M116/M117 – V8	14
OP6555	MERCEDES	M103 – 260E/300E	14
OP6560	MERCEDES	M111 – C180/E200/C220/E220	14
OP6565	MERCEDES	M104/OM602 – BM980 SERIES	15
OP6570	MERCEDES / TATA	OM352 – LONG PUMP (40mm)	15
OP6571	MERCEDES	OM352 – SHORT PUMP (40mm) NO TACHO	15
OP6572	MERCEDES	OM352A/OM364 4 cyl & OM366 6 cyl	15
OP6574	MERCEDES / TATA	OM352A 40 mm GEAR TACHO/OM364/OM366	15
OP6575	MERCEDES	OM355 – 55mm GEAR LENGTH	15
OP6576	MERCEDES / TATA	OM366 – EXTENDED TACHO SHAFT (50mm)	15
OP6577	MERCEDES	OM360	15
OP6578	MERCEDES / TATA	OM403 V-10 15.9/OM423 V-8 14.6 – 43mm	15
OP6580	MERCEDES	OM401/402/403/407&A/421&A – 34mm	15
OP6582	MERCEDES	OM407HA 6 cyl/424A&HA 12 cyl	15
OP6585	MERCEDES	OM423/A/LA-Eng. 258849>/ADE442	15
OP6590	MERCEDES	OM602 BM940 SERIES – 312D/412D	15
OP6591	MERCEDES	OM611 980/1/7 311/13/411/13CDi	15
OP6592	MERCEDES	OM601 – 308D	15
OP6593	MERCEDES	OM602 – 212D/312D/412D SPRINTER	16
OP7000	MITSUBISHI	4G32	16
OP7003	MITSUBISHI	G15B	16
OP7005	MITSUBISHI	4G54 – LATE	16
OP7010	MITSUBISHI	4G52/4G54/G54B – EARLY	16
OP7025	MITSUBISHI	4D31	16
OP7035	MITSUBISHI	6D14	16
OP7040	MITSUBISHI	4D30	16
OP7043	MITSUBISHI	4G64 – 2.4L – SOHC	16
OP7045	MITSUBISHI / HYUNDAI	6G72 – V6 – 12v/HYUNDAI SONATA	16
OP7060	MITSUBISHI	4M40 – TURBO	16
OP7400	PERKINS	3-152 – 3 cyl	16
OP7405	PERKINS	4-203 – 4 cyl	16
OP7410	PERKINS	4-236 – 4 cyl	16
OP7412	PERKINS	4-236/4-248 (w/ BALANCER UNIT)	16
OP7415	PERKINS	P6-354.1 – SHORT SHAFT (173mm)	17
OP7420	PERKINS	P6-354.2 – LONG SHAFT (195mm)	17
OP7425	PERKINS	PT6-354/T6-354 – LONG PUMP (280mm)	17
OP7430	PERKINS	P6-354.4 TD – SHORT PUMP (255mm)	17
OP7500	PEUGEOT	404 (w/o STRAINER)	17
OP7505	PEUGEOT	404/504 – DIESEL	17
OP7510	PEUGEOT	504 (w/ STRAINER)	17

PART NO	VEHICLE	APPLICATION	PAGE
OP7515	PEUGEOT	305	17
OP7520	PEUGEOT / CITROEN	1.8/2.0 16v/306/307/405/406	17
OP7525	PEUGEOT / CITROEN	206/307/XSARA 1.6L 16v	17
OP8000	NISSAN	A10/A12/A14/A15	17
OP8005	NISSAN	L14/16/18/20B/24/Z20	17
OP8010	NISSAN	E13/E15	17
OP8012	NISSAN	J13	17
OP8015	NISSAN	J15/J16	17
OP8020	NISSAN	CABALL – H20	18
OP8025	NISSAN	E20 – H20	18
OP8030	NISSAN	SD22/SD23	18
OP8034	NISSAN	Z24/L28E – HIGH VOLUME	18
OP8035	NISSAN	CA20	18
OP8040	NISSAN	LD20/Z22-24/NA16-20/KA24E SOHC	18
OP8043	NISSAN	L28	18
OP8045	NISSAN	E15/E16 – TURBO	18
OP8050	NISSAN	RB20E/RB30E	18
OP8053	NISSAN	RB30E	18
OP8055	NISSAN	VG30E – 4 X 2 – 34mm DRIVE	18
OP8060	NISSAN	VG30E – 4 X 4 – 34mm DRIVE	18
OP8063	NISSAN	VG30E – 4 X 4 – 41mm DRIVE/VG33E	18
OP8064	NISSAN	VG33E – 3.3L	18
OP8065	NISSAN	CA18DE	18
OP8068	NISSAN	ZD30DDTi – 3.0L DIESEL	19
OP8070	NISSAN	GA14DE/GA14DS/GA16DE/GA16DS	19
OP8071	NISSAN	KA24DE	19
OP8072	NISSAN	VQ30DE	19
OP8073	NISSAN	MR18DE – 1.8L DOHC TIIDA	19
OP8074	NISSAN	QG16DE – 1.6L/QG18DE – 1.8L	19
OP8075	NISSAN	SR20DE	19
OP8076	NISSAN	QR20DE – 2.0L X-TRAIL	19
OP8077	NISSAN	QR25DE – 2.5L ALTIMA/X-TRAIL	19
OP8078	NISSAN	YD25 – DDTi – 2.5L DIESEL NAVARA	19
OP8079	NISSAN	YD22 – 2.2L/YD25 – 2.5L DIESEL	19
OP8080	NISSAN	TD25/TD27	19
OP8081	NISSAN	VQ40DE – 4.0L V6 DOHC PETROL	19
OP8082	NISSAN	RD28	19
OP8083	NISSAN	QD32 – D22 MODEL	19
OP8084	NISSAN	FD46 – H41 MODEL	20
OP8085	NISSAN	ND6 – DIESEL	20
OP8087	NISSAN	PD6 – DIESEL	20
OP8090	NISSAN	PD6 – TURBO DIESEL	20
OP8095	NISSAN	ED33	20
OP8500	RENAULT	R5	20
OP8505	RENAULT	R9	20
OP8510	RENAULT	1.6L 16v CLIO/SCENIC/KANGOO – 22 TEETH	20
OP8700	LAND ROVER	4 cyl (FOR STRAIGHT FILTER)	20
OP8705	LAND ROVER	6 cyl (FOR BENT FILTER)	20
OP8800	SUZUKI	FA5A SS40/1/FA10A SJ410	20
OP8805	SUZUKI	G13A VITARA/G15/SAMURAI 1.6L	20
OP8810	SUZUKI	K10A/B – 1.0L ALTO	20
OP8815	SUZUKI	G18K/H20A/J18A/J20A/B VITARA/S	20
OP9000	TOYOTA	2T/3T – T SERIES	20
OP9005	TOYOTA	1/2/3/4Y (w/o STRAINER)	21
OP9007	TOYOTA	1/2/3/4Y (w/ STRAINER)	21
OP9010	TOYOTA	2R/12R – HILUX	21
OP9012	TOYOTA	12R – RN20/25 – EARLY	21
OP9014	TOYOTA	12RJ – RN30/40 – LATE	21
OP9015RC	TOYOTA	6R/7R/8R/16R/18R RH20 – EARLY	21
OP9015RU	TOYOTA	18R – RX3 – LATE	21
OP9016	TOYOTA	3R/5R – EARLY	21
OP9017	TOYOTA	18R – 4 X 4	21
OP9018	TOYOTA	4M/5ME – EARLY MODEL	21

PART NO	VEHICLE	APPLICATION	PAGE
OP9020	TOYOTA	21R/22R/22REC – 15mm GEARS	21
OP9022	TOYOTA	20R/21R – 12mm GEARS	21
OP9030	TOYOTA	2AL/4AL	21
OP9032	TOYOTA	4AF	21
OP9034	TOYOTA	4AGE/U	21
OP9037	TOYOTA	4AGE	22
OP9045	TOYOTA	B SERIES	22
OP9046	TOYOTA	3SFE	22
OP9047	TOYOTA	5SFE	22
OP9048	TOYOTA	2K/3K/4K/4KE/5K	22
OP9049	TOYOTA	3VZFE	22
OP9050	TOYOTA	2K/3K/4K/4KE/5K	22
OP9051	TOYOTA	1MZ-FE	22
OP9055	TOYOTA	5R – RS – CHAIN DRIVE – LATE	22
OP9057	TOYOTA	5R – RK – GEAR DRIVE – EARLY	22
OP9059	TOYOTA	5R – RU20/RU30	22
OP9060	TOYOTA	2E – LU – 20mm PULLEY	22
OP9061	TOYOTA	1SZ-FE/2SZ-FE – YARIS/VITZ	22
OP9062	TOYOTA	2E – L – EE80 – 24mm PULLEY	22
OP9063	TOYOTA	1K3-VE – 1.3L AVANZA	22
OP9064	TOYOTA	3SZ-VE – 1.5L AVANZA	23
OP9065	TOYOTA	5ME – LATE MODEL	23
OP9066	TOYOTA	5MGE	23
OP9067	TOYOTA	1AZ-FE/2AZ-FE – RAV4	23
OP9068	TOYOTA	1NZ-FE – 1.5L YARIS/VIOS	23
OP9069	TOYOTA	2NZ-FE – 1.3L YARIS	23
OP9070	HINO	DA116/2D118 – DIESEL	23
OP9071	TOYOTA	1C/2C – DIESEL	23
OP9074	TOYOTA	1KZ-TE – 16v TURBO HOUSING	23
OP9075	TOYOTA	1GEU	23
OP9077	TOYOTA	F/2F	23
OP9079	TOYOTA	2KD-FTV – 2.5L QUANTUM DIESEL	23
OP9080	TOYOTA	2F/3F	23
OP9081	TOYOTA	3F – STATION WAGON – BOLT ON PICK UP	23
OP9082	TOYOTA	1TR-FE – 2.0L/2TR-FE – 2.7L 415mm CASING	23
OP9083	TOYOTA	1ZZFE/3ZZFE – 1.8L	24
OP9084	TOYOTA	2TR-FE – 2.7L QUANTUM 434mm CASING	24
OP9085	TOYOTA	H SERIES	24
OP9086	TOYOTA	7MGE	24
OP9088	TOYOTA	7AF	24
OP9089	TOYOTA	7AFE	24
OP9090	HINO	DA115 – DIESEL	24
OP9092	HINO	EC100 – DIESEL	24
OP9094	HINO	EB300 – DIESEL	24
OP9096	HINO	EK100 – DIESEL	24
OP9500	VOLKSWAGEN	GOLF/JETTA – 1.3L/1.6L – 30mm GEARS	24
OP9501	VOLKSWAGEN	1.3L/1.6L – 30mm GEARS (w/ PICK UP)	24
OP9502	VOLKSWAGEN	GOLF/FOX – 1.3L/1.5L/1.6L	24
OP9505	VOLKSWAGEN	GOLF – 1.1L	24
OP9507	VOLKSWAGEN	1.9L/2.0L/2.1L – DRY SUMP	24
OP9510	VOLKSWAGEN / AUDI	AUDI 80/100/PASSAT 1.8L JV ENG	25
OP9512	VOLKSWAGEN	1.9L/2.0L/2.1L – W/COOLED 30mm GEARS	25
OP9515	VOLKSWAGEN	1.9L/2.0L/2.1L – W/COOLED 30mm KIT	25
OP9517	VOLKSWAGEN	GOLF/AUDI – 1.3L/1.5L/1.6L	25
OP9518	VOLKSWAGEN	1.6L – 8mm STUDS – 30mm GEARS	25
OP9520	VOLKSWAGEN	1.6L – 8mm STUDS – 26mm GEARS	25
OP9525	VOLKSWAGEN	1.6L – 8mm STUDS – 21mm GEARS	25
OP9530	VOLKSWAGEN	1.5L/1.6L PASSAT/1.5L DIESEL	25
OP9532	VOLKSWAGEN	2.0L – 16v	25
OP9534	VOLKSWAGEN	A4 – 1.8L – TURBO 20v	25
OP9535	VOLKSWAGEN	1.8L GTI – 16v – KR ENGINE	25
OP9536	VOLKSWAGEN	1.8L 16v MK2/KOMBI 1.8L – 36mmHV	25
OP9537	VOLKSWAGEN	1.5L – DIESEL – CK ENGINE	25

HINTS & TIPS

OIL PRESSURE PROBLEMS

The first reaction to an oil pressure problem is to replace the oil pump – sometimes unnecessarily. Existing problems within the engine cannot always be eliminated by installing a new oil pump. You should carefully evaluate the situation before doing so. Engines could have oil pressure problems for a number of reasons:

1. An air leak (usually where the screen assembly is mounted to the pump). Check for loose connections, cracks or holes. Due to air being compressible, any air inside the oiling system can cause a fluctuation of pressure.
2. Too much oil in the crankcase (leading to air in the oil).
3. Excessive clearances within the engine (such as the conrod, main bearings, big end bearings, oil seals and oil plugs).
4. Oil leaking past the mounting pad area (usually caused by tightening the mounting bolts incorrectly).
5. Various malfunctions of the relief valve assembly. The main function of the relief valve is to regulate oil pressure within the engine by keeping a constant flow of oil to the engine. There are three different relief valve problems (all usually caused by foreign material being drawn into the pump from the engine) that cause oil pressure problems:
 - The relief valve is stuck in the closed position. pressure to release itself inside the pump, so the pressure will build and rupture the oil filter.
 - The relief valve is stuck in the open position. release too much of the oil pressure and lead to possible bearing failure.
 - The relief valve sticks intermittently.

Oil pumps are manufactured with close tolerances and it does not take much foreign material to cause problems with the relief valve operation. It is easy for dirt, bits of wire, etc., to get into the oil system – even with the screen assembly in place.

Be sure to find the root of your oil pressure problem before you decide to replace the pump.

STANDARD OIL PUMP WARRANTY POLICY

LIMITED WARRANTY

WE WARRANT TO OUR DIRECT CUSTOMER THAT WE WILL ONLY REPLACE ANY OIL PUMP SOLD BY US WHICH PROVES TO BE DEFECTIVE IN MATERIAL OR WORKMANSHIP DURING A 6 MONTH PERIOD (FROM THE DATE OF PURCHASE AND INSTALLATION ON THE FIRST CONSUMER'S VEHICLE) OR TEN THOUSAND (10 000) KILOMETRES (WHICHEVER OCCURS FIRST); OR THAT PROVES TO BE NON-INTERCHANGEABLE WITH THE PUMP THAT IT IS INTENDED TO REPLACE.

THIS WARRANTY DOES NOT APPLY TO ANY PUMP THAT HAS BEEN MODIFIED, MISUSED, INCORRECTLY INSTALLED, SUBJECTED TO EXTREME OPERATING CONDITIONS; OR THAT MALFUNCTIONS DUE TO THE EMBEDDING OF FOREIGN PARTICLES (SUCH AS ENGINE DIRT OR PIECES OF DETERIORATING ENGINE COMPONENTS); OR OIL PUMPS USED IN A VEHICLE THAT HAS BEEN ALTERED OR MODIFIED FOR USAGE OTHER THAN FOR ITS INTENDED PURPOSE.

ANY PUMP RETURNED FOR A WARRANTY CLAIM MUST BE RETURNED THROUGH OUR DIRECT CUSTOMER FROM WHOM IT WAS PURCHASED.

WE RESERVE THE RIGHT TO EXAMINE AND REQUEST FOR THE RETURN OF ALL RELEVANT PARTS TO DETERMINE WHETHER (OR NOT) THE PUMP THAT IS SUBJECT TO THIS WARRANTY CLAIM FAILED DUE TO DEFECTS IN MATERIAL OR WORKMANSHIP.

ALL PUMPS MUST BE RETURNED UNOPENED AND IN THEIR ORIGINAL CONDITION OR THIS WARRANTY POLICY WILL BE DECLARED NULL AND VOID.

THIS WARRANTY IS LIMITED TO THE REPLACEMENT OF THE PUMP ONLY AND EXCLUDES ALL LABOUR CHARGES AND INCIDENTAL OR CONSEQUENTIAL DAMAGE.

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