



since 2001
CRANKSHAFT INDUSTRY



2025-2027 CATALOGUE
sagecrank.com

WHO IS SAGE CRANKSHAFT INDUSTRY



**SIMPLY
THE BEST
QUALITY**
sagecrank.com



Sage Crankshaft Industry is one of the fastest growing manufacturer and exporter of aftermarket crankshafts for diesel , gasoline . Sage has been established in TURKEY in 2001.

We produce different range of crankshafts from 1 cyl to 12 cyl. We are in this sector with an experience of several years and we offer high quality products certified with ISO 9001:2015, ISO 45001:2018. We are working on certificate of ISO 16949 (original equipment manufacturer). Guided by the company spirit " SIMPLY THE BEST QUALITY" based on high technological machines and our gained experience, we continue to offer a world-class service.

We exported our products to more than 50 countries worldwide. We are working with Professional and leading customers. Sage makes the necessary investments by adhering to today's technology and produces with the finest detail controls. We are taking firm and determined steps into the future with our 20 years of experience and our young team specialized in the field. Welcome to join the SAGE CRANKSHAFT INDUSTRY family.

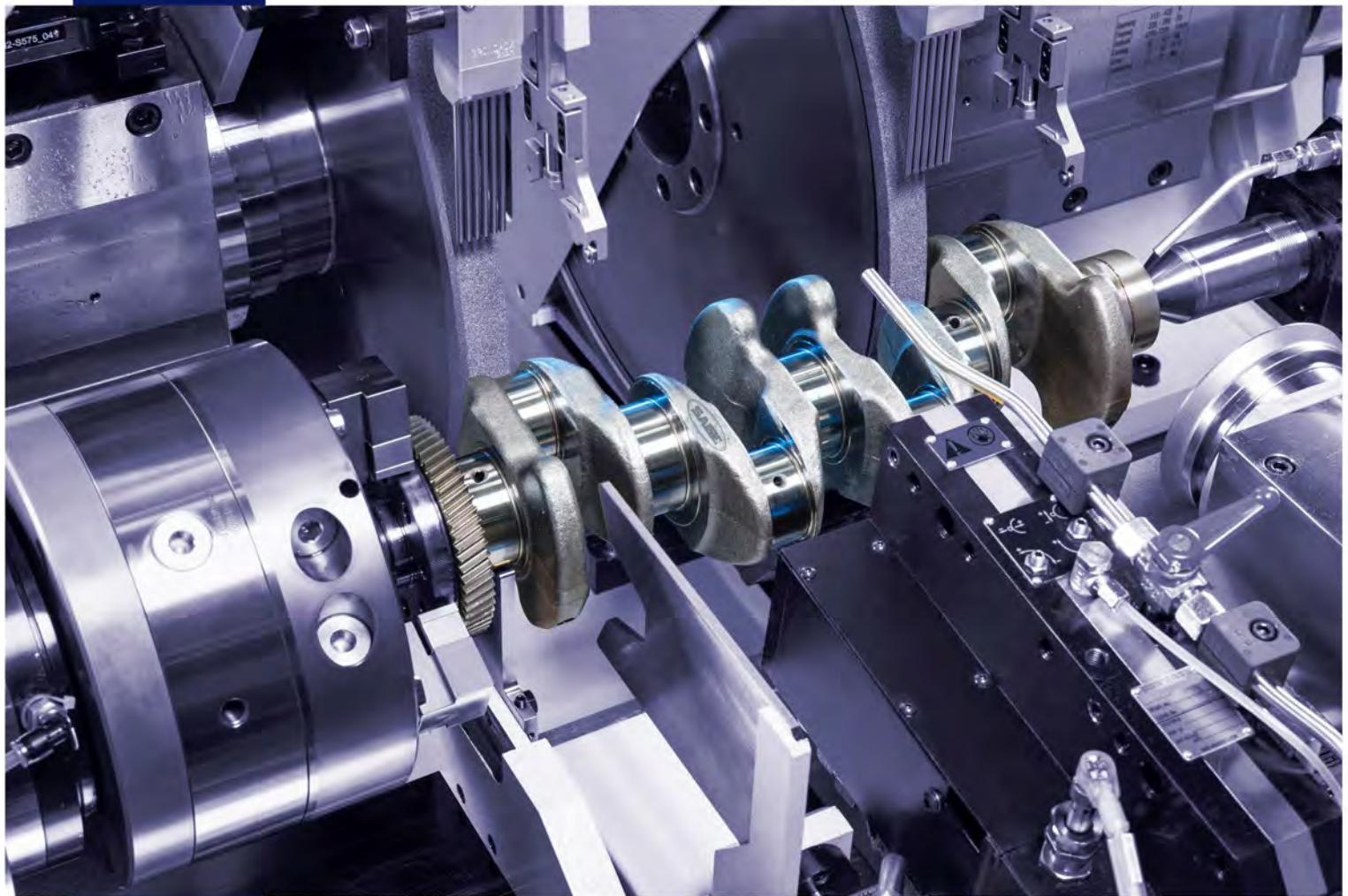


PRODUCTION

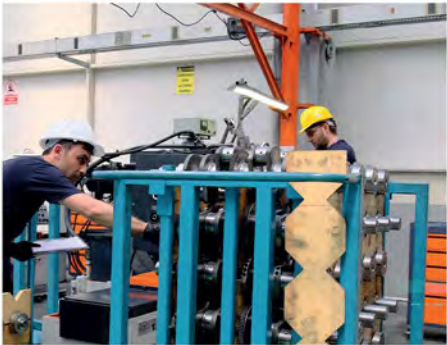
All our manufactured crankshafts are moulded by shell and vertical moulding methods. After that, we use heat treatment to get the adequate hardness. ADI (Austempered Ductile Iron) castings, are made with GGG 90 quality conforms to the norms of DIN 1963-1973.

We use sored metal and sphere graphite irons for casting, with some special additional materials, our crankshafts are highly resisted for heat, tensile and breaking

Moreover, we use spectrometer to realize tensile test for all casting crankshafts



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SAGE
since 2001
CRANKSHAFT INDUSTRY

**TRUCK
TRACTOR
GENERATOR
EARTH MOVER
MARINE ENGINE
WATER PUMP ENGINE**



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SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG570		ANDORIA S-320 (18 H.P.)	1 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2000	62H187/62K187	BMC TM 30 MINIBUS, L 60, L 184 SHERPA 1.8	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2001	12H2540/12H533 /12H2536	BMC LEYLAND 154, 1.5 L, J2, J4	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2002	HKJ2144	BMC LEYLAND 4.98 NV	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4000	4N7692/4N7694 /2W7960/5S5252	CATERPILLAR 3304 ENGINE	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4001	4N7693/4N7696 /2W7458	CATERPILLAR 3306 / 3306B / 3306C	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4004	1W5008/1W5009	CATERPILLAR 3408 NEW VERSION	8 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4008	232-7400 /2327400	CAT 3054C / C 4.4/ T/TA /414E /AP300/TH210/914G LOADER (SMALL JOURNAL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4009	3590715 / 359-0715	CAT 3054C /C 4.4/ T/TA /414E /AP300/TH210/914G LOADER (LARGE JOURNAL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4100	3905619/3907804 /3929037/3908032	CUMMINS 6B / 6BT / 6BTA / B 5.9L SERIES	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4101	3907803/3903827 /3908031	CUMMINS 4BT ENGINE 3.9	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4102	3917320 /SE390136	CUMMINS 6CT 8.3	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4108	3096362 / 3201082 / 3347569	CUMMINS K19 KTA 1150 QSK 19 (6 BOLT HOLES, 1 KEY WAY, 1 DOWEL HOLE)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3000	653687	DAF 825 ENGINE DAF 2300	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3003	1297017	DAF 1160 F85 - 400 /F95 ATI/WS (TAPERED NOSE)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3004	0087715	DAF F85 - F95 ATI EURO2 EURO 3 (STRAIGHT NOSE)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3005	1291804/1653898	DAF CF85/ XF95	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1000	K210100 / K905196 / K962157	DAVID BROWN 1210 TRACTOR (SPLINED NOSE)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1001		DAVID BROWN	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1002	K961007	DAVID BROWN 990 TRACTOR AD449	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1003	K914788	DAVID BROWN 1594/ 1690/CAD.6/AD.6 ENGINE	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4200	02233635	DEUTZ FIL 511	1 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4201	04152745	DEUTZ F2L 511	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4202		DEUTZ F2L612/F2L712 /TRAKTOR D25 D30	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4203		DEUTZ F2L 812	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4204	04152591/02929337 /02232854	DEUTZ F2L 912	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4205	04152646/02929338 /02136928	DEUTZ F3L 912	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4206	02138819/02138820	DEUTZ F4L 912 MINIBUS	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4207	02929339 /02931048	DEUTZ F4L 912 TRACTOR WITH GEAR	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4208	02929378	DEUTZ F5L 912	5 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4209	04151011/02929342 /02136993	DEUTZ F6L 912	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4210	04151013 /02931050	DEUTZ F4L 913	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4211	02139148 /02931056	DEUTZ F6L 913	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4212	02929345 /02139405	DEUTZ F6L 913 C / T	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4213	04270231	DEUTZ F2L 1011	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4214	04270229 /02928289	DEUTZ F3L 1011	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4215	04270233	DEUTZ F4L 1011	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4216	02929962/04256816 /04294257/04299259	DEUTZ F4M 1013 4HOLES	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4217	02929960	DEUTZ BF 6M 1013 EC 3 SLOTS	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4218	04271639	DEUTZ F3M 2011	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4223	0418 2178	DEUTZ F8L 413 F	8 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4225	04292803 /04289041	DEUTZ BF4M 2012	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4227	02139295	DEUTZ FIL 411	1 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4228	02139294	DEUTZ F2L 411	2 CYL



SAGE REF.	OEM REF.	ENGINE TYPE	CYLINDERS
SG4229		DEUTZ F2L 912	2 CYL



SAGE REF.	OEM REF.	ENGINE TYPE	CYLINDERS
SG4230		DEUTZ F3L 913	3 CYL



SAGE REF.	OEM REF.	ENGINE TYPE	CYLINDERS
SG4231	02931048 /04232749	DEUTZ F4L 912 M2000	4 CYL



SAGE REF.	OEM REF.	ENGINE TYPE	CYLINDERS
SG4232	4270236	DEUTZ F4M 2011	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4234	04150526	DEUTZ F4L 913 TURBO	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG572	1005001BA01-0000	FAW WUXI	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1051	7001841C91/ 922681400018 /922681400016	FENDT D226 / D229 / D225	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1052	12272497	FENDT D226B	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1100	1930130 / 4653850 / 4602840	FIAT 450 TRACTOR 8035.01 / 02 (FLANGE: 6 BOLT HOLES)	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1101	4785106	FIAT 480 TRACTOR 8035.01 / 02 (FLANGE: 7 BOLT HOLES)	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1102	4707125 /8818711	FIAT 750 / 850 OM 55 /CO 3 TRACTOR	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1103	4785104	FIAT 640 / 8040.02 / 8045.04 50NC (FLANGE DIAMETER FOR FLYWHEEL 114MM) (FLANGE: 7 BOLT HOLES)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1104	4682232	FIAT 780 / 8041.04 / 8045.04 (FLANGE DIAMETER FOR FLYWHEEL 114MM) (FLANGE: 7 BOLT HOLES)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1105	4653287	FIAT 640/IVECO 50NC (FLANGE DIAMETER FOR FLYWHEEL 95MM) (FLANGE: 6 BOLT HOLES)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1106	4682232	FIAT640/ IVECO 50NC (FLANGE DIAMETER FOR FLYWHEEL 110MM) (FLANGE: 7 BOLT HOLES)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1107	893295	FIAT 411 / 415	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1108	8827592	FIAT FL9 CO3 ZASTAWA FIAT ALLIS	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1109	4638647	FIAT C80	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1110	4785104-8	FIAT 640/ IVECO 50NC 8040.02 / 04 (8 COUNTERWEIGHTS) (FLANGE DIAMETER FOR FLYWHEEL 110MM) (FLANGE: 7 BOLT HOLES)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1111	98451527 /504075031	FIAT IVECO 8040.0525 / 85.12 / 65.9 / 35.9	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1112	4785304/98451529 /5088487/4785110	FIAT IVECO 65.46 / 70.56 / 70.66 / 80.66	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1113	4785111/5088486 /98461246	FIAT IVECO 55.46 / 55.56 / 54C / 60.56 TRACTOR	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1114	4832171	FIAT IVECO 160 / 90	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1115	4785107/4785108	FIAT IVECO 110 / 90	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1117	4653616	FIAT 110 NC - 980 (FLANGE DIAMETER FOR FLYWHEEL 110MM) (FLANGE: 7 BOLT HOLES)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1118	4653616	FIAT 110 NC - 980 (FLANGE DIAMETER FOR FLYWHEEL 95MM) (FLANGE: 6 BOLT HOLES)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1119	504075031 / 98451527	FIAT IVECO 8040.0525 / 85.12 / 65.9 / 35.9 / 120.14 (REINFORCED)	4 CYL

NEW
PRODUCT

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1120	504049281	FIAT DUCATO, DAILY 2.3 JTD 16 VALVE FIAE	4 CYL

NEW
PRODUCT

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1121	504033129	FIAT DUCATO, SOFIM 2.8 DAILY 8140.23/43/63 (STROKE:100 MM-FLANGE:114 MM)	4 CYL

NEW
PRODUCT

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1122	504200166 / 504041684	FIAT DUCATO, DAILY 3.0 JTD FIC	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1200	C5NE6303R /E0NN6303AA	FORD 3000 / 3600 401 BSD666	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1201	C5NE6303N /F0NN6300MA	FORD 4000/4100 /4110/4600/4610 BSD333	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1202	C5NE6303K	FORD 5000 / 5600 / 7000 / 7600 / 7700 TRACTOR 256 BSD442 (76 TEETH)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1203	C5NE6303K	FORD 5000 / 5600 / 7000 / 7600 / 7700 TRACTOR 256 BSD442 (78 TEETH)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1204	E5NN6303FA /D9NN6303AA	FORD 6610 TRACTOR 268 BSD444 (76 TEETH)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1205	D9NN6303AA /E5NN6303FA	FORD 6610 TRACTOR 268 BSD444 (78 TEETH)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1206	EIADDN6303F	FORDSON THAMES /MAJOR TRACTOR 40D,592-E	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1207	E5HN6303CC	FORD / NEW HOLLAND 401 BSD 666 6.6L	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1208	E5HN6303AD	FORD / NEW HOLLAND TX 34 678HT ENGINE 7.8L	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1210	87800523 E9NN6303CB	FORD 6640 7740 TURBO TS110	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1211	826F-6303EAA	FORD D 1210 ENGINE	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1850	4L68.060004.1	HATTAT H45	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3201	134111583	HINO H07C ENGINE	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2200	23111-42002 /23111-42901	HYUNDAI D4BB H-100 MINIBUS	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2201	23111-42011	HYUNDAI STAREX 2500	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2202	23110-4A000	HYUNDAI D4CB STAREX 2500 CRDI 140HP	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2203	23111-42902	HYUNDAI 2600 PICKUP	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2208	23100-41700	HYUNDAI H-350 TRUCK	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2209	23100-41700	HYUNDAI HD72 /HD77 TRUCK	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2212	23110-32600	HYUNDAI H100 2.4L GASOLINE H-1 GASOLINE / SONATA 2.4L	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1795	2795971006	IFA TRACTOR ZT300 / 303 / W50 ENGINE	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1250	3110995R91	CASE D 154 TRACTOR 364/384 /444	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1251	3144626R91/182752R2 /2744406R1/3144626	CASE D 239 TRACTOR 674 /684/724	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1252	1329196C1	CASE D 206 TRACTOR 654	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1253	3228376R91/218528R2 /218528R3	CASE D 268	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1255	J908031/J918232 /J929036	CASE MAXXUM52 /580K/688 4T-390/JX1100U	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1256	J908032/J929037	CASE MAXXUM 51 /MX SERIES	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1257	J917443/J918986	CASE 1660/ 1666/ 1670 /1680/1688/2166/2188	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1258	09700AB/966441	CASE 377/401/451	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2300	5123101631	ISUZU 4BD1 NPR59	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2301	8971909270 /8972490410	ISUZU 4JA1 TFR54	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2302	8971129812 /8971465202	ISUZU 4HF1 NPR66 CHAMPION	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2303	5123101610	ISUZU 4BC2 NKR57 /NPR57	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2304	8973525342	ISUZU 4HE1 / 4HK1 NQR 70 /6T TRUCK NPR 70/8T TRUCK	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2306	8944436620 /8944552401	ISUZU 4JB1 NKR	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2308	897372419151	ISUZU 4JK1/4JJ1 ISUZU D-MAX 2500 CC (4 INTEGRATED COUNTERWEIGHTS)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2309	897943943051	ISUZU 4JA1 D-MAX 2.5 EURO 3 ENGINE	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2317	8981319991	ISUZU 4JK1 D-MAX EURO 5	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2318	8971129812 / 8971465202	ISUZU 4HF1 NPR66 CHAMPION (REINFORCED)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2319	8973525342	ISUZU 4HE1 / 4HK1 NQR 70 / 6T TRUCK NPR 70 / 8T TRUCK (REINFORCED)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2320	897311632151 / 897388828251	ISUZU 4JJ1 NNR / D-MAX EURO 4 (REINFORCED)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2321	8979407430 / 897943942051 897 254611151	ISUZU 4JH1T D-MAX 3000 TURBO (REINFORCED)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2322	8981549502	ISUZU 4JJ1-T/ NLR EURO-4	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG5200	320/03107 - 320 /09256 - 320 /03336	JCB SB	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG5201	02/202527- 02 /202910 - 332/H0256	JCB 520 LE-530 FS	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG5202	02/200915 - 02 /202196	JCB 3CX, 4CX	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1300	AT18031/RE46896 RE47637/RE521349	JOHN DEERE 3152 /3164/3179 ENG.	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1301	AT18030/T23517 /RE33197	JOHN DERE 4219 / 4202 / 4239 ENG. (SNOUT LENGTH : 36.00 MM)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1303	RE20585/RE65224	JOHN DERE 4239 / 4039 (2450 / 2650 / 2850) (SNOUT LENGTH : 60.00 MM)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1304	RE56792/RE71439 /AR62362	JOHN DEERE 4276D /4276T	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1305	AT22562 /T23266/RE45541	JOHN DEERE 6303 /6329/6359/6059	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1306	RE53422 /RE53202	JOHN DEERE 6466T / 6404 (4250)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1308	RE505921	JOHN DEERE POWERTech 6068 (6.8 L)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1309	RE50979	JOHN DEERE POWERTech 3029 (2.9 L)	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1310	RE50618	JOHN DEERE 4.045 D / H / T 4.5L POWERTECH (KASNAK DÜZ / STRAIGHT NOSE)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1311	RE506195	JOHN DEERE 4.045 D / H / T 4.5L POWERTECH (KASNAK KONİK / TAPERED NOSE)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1312	CH10676/CH20055	JOHN DEERE 950 -1050	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1313	RE52850	JOHN DEERE 6.068 6.8 L POWERTECH (KASNAK DÜZ / STRAIGHT NOSE)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1314	RE535300 / RE55522	JOHN DEERE 6.081 A / D / H / T 8.1 L POWERTECH (HELİS DİŞLİ / HELICAL GEAR)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1315	RE530437 / RE534314 / RE505124	JOHN DEERE 6.081 A/D/H / T 8.1 L POWERTECH (DÜZ DİŞLİ / SPUR GEAR)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1316	RE45517 / RE33687	JOHN DEERE 6.414D, 6.414T, 6.068D, 6.068T	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1317	RG23551, RE53199, RE41821	JOHN DEERE 9.0 6076AF 7700 7800 8560 9500 9600 8100 8200 8300 8570 6610	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1318	DZ105801, RE540429, RE534315, DZ105799	JOHN DEERE 6090 POWERTECH ENGINE	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3300	7 40.50-1005008	KAMAZ 5360/5460/6460 / 6520/6522 TRUCK EURO 2	8 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2402	OK65A11301	KIA BONGO K2700 PREGIO	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2403	OK41011301A	KIA COBRA 3500	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2404	OK47A11301A	KIA COBRA K3600	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2406	O145611301	KIA CERES 2200 /2400/K2400	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4301	6136-31-1010	KOMATSU S6D 105	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4302	6222-31-1100	KOMATSU S6D 108	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4304	6151-35-1010	KOMATSU S6D 125	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG4306	6127-31-1012	KOMATSU S6D 155	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1750	1532-23010	KUBOTA L295,295DT	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1751	16641-23010	KUBOTA V2203 ENGINE	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG520		PETTER PH	1 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG521		PETTER PH	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG522		LISTER ST2	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG523		LISTER TS	2 CYL



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SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG524		LISTER HR2	2 CYL



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SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG525		LISTER TR2	2 CYL



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SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG526		LISTER HR3	3 CYL



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SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG527		LISTER TR3	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG533	1050785	LOMBARDINI 9LD 625-2	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG534	1050190	LOMBARDINI 5LD 825-2	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG537	1052015	LOMBARDINI 8LD 665-2	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG539		RUGGERINI 2 CYL (270-278)	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG542		LOMBARDINI 672 - 2	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3400	51021017405 /51021017390	MAN D2566 / D2866 (8 COUNTERWEIGHTS)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3401	51 02100 6019 /51 02100 6081	MAN D2866 TGA 410 EURO2 ENGINE (8 INTEGRATED COUNTERWEIGHTS)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3402	51021017708 /51021017515	MAN D2566 / 2866 (4 COUNTERWEIGHTS)	6 CYL



SAGE REF.	OEM REF.	ENGINE TYPE	CYLINDERS
SG3405	51.02101.7735 /51 02101 6088	MAN D0826/230-270	6 CYL



SAGE REF.	OEM REF.	ENGINE TYPE	CYLINDERS
SG3411	51021017123	MAN D2156	6 CYL



SAGE REF.	OEM REF.	ENGINE TYPE	CYLINDERS
SG2453		MAZDA 4.0	4 CYL



SAGE REF.	OEM REF.	ENGINE TYPE	CYLINDERS
SG3500	314 030 0401	MERCEDES BENZ OM 314 WITH 4 INTEGRATED COUNTERWEIGHTS WITH OIL RETURN THREAD (SCROLLED)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3500-1	314 030 0401	MERCEDES BENZ OM 314 WITH 4 INTEGRATED COUNTERWEIGHTS WITH BORGMANNRING (KNURLED)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3501	314 030 3202	MERCEDES BENZ OM 314 WITH 4 SCREWED-ON COUNTERWEIGHTS WITH OIL RETURN THREAD (SCROLLED)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3501-1	314 030 3202	MERCEDES BENZ OM 314 WITH 4 SCREWED-ON COUNTERWEIGHTS WITH BORGMANNRING (KNURLED)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3502	352 030 6802 /352 030 3402	MERCEDES OM 352 WITH 6 SCREWED-ON COUNTERWEIGHTS WITH OIL RETURN THREAD (SCROLLED)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3502-1	352 030 37 02 /352 030 64 02	MERCEDES OM 352 WITH 6 SCREWED-ON COUNTERWEIGHTS WITH BORGMANNRING (KNURLED)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3503	352 030 6802 /352 030 3402	MERCEDES OM 352 WITH 12 INTEGRATED COUNTERWEIGHTS WITH OIL RETURN THREAD (SCROLLED)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3503-1	352 030 37 02 /352 030 64 02	MERCEDES OM 352 WITH 12 INTEGRATED COUNTERWEIGHTS WITH BORGMANNRING (KNURLED)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3505	355 030 6801 /355 030 71 01	MERCEDES BENZ OM 355 A (FLANGE : 12 BOLT HOLES - 1 DOWEL)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3506	360 030 1601 /1201 / 0101	MERCEDES OM 360 / OM 302	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3507	366 030 1402 /1102/0702 /1502/1602	MERCEDES OM 366 A / LA	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3508	401 030 2301 /2101/2501	MERCEDES OM 401 LA / EURO 1 V6	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3509	401 030 1901 /1501 / 0101	MERCEDES OM 401 V6 125MM	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3510	402 030 3201 /3001/2301	MERCEDES OM 402 V8	8 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3511	403 030 3001 /2301	MERCEDES OM 403 V10	10 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3512	421 030 2401	MERCEDES OM 421 A / LA V6	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3513	422 030 13 01 /3701	MERCEDES OM 422 V8	8 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3514	423 030 3301 /3401	MERCEDES BENZ 423 /A/LA/OM 443/A/LA	10 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3515	441 030 1701 /2101/2201	MERCEDES OM 441 A / LA V6	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3516	442 030 0801 /0301	MERCEDES OM 442 V8	8 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3518	447 030 09 01 /407 030 08 01	MERCEDES OM 427 /447 4 COUNTERWEIGHTS	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3519	407 030 2401 /447 030 09 01	MERCEDES OM 447 /OM 407	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3520	457 030 0201 /457 031 0001	MERCEDES OM 457LA/HLA EURO 2-3 (CONNECTING ROD BEARING 90MM STROKE 155MM)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3521	457 031 06 01	MERCEDES OM 457 AXOR EURO 4 (CONNECTING ROD BEARING 94MM STROKE 155 MM)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3522	541 030 0801 /0601/0201	MERCEDES OM 541 /OM 501 LA V6	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3523	904 030 01 02	MERCEDES OM 904 ATEGO (FLANGE DIAMETER FOR FLYWHEEL 98MM)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3523-1	904 030 10 02	MERCEDES OM 904 ATEGO (FLANGE DIAMETER FOR FLYWHEEL 103MM)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3524	906 030 03 01	MERCEDES OM 906 LA 6 ATEGO /AXOR (FLANGE DIAMETER FOR FLYWHEEL 98MM)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3524-1	906 030 0502	MERCEDES OM 906 LA 6 ATEGO /AXOR (FLANGE DIAMETER FOR FLYWHEEL 103MM)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3525	611 031 0201/0501	MERCEDES BENZ OM 611 DE22 SPRINTER/VITO (ÇİFT KAMALI/WITH 2 KEYWAYS)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3526	646 031 0401	MERCEDES BENZ OM 646 DE22 SPRINTER /VITO EURO 3/EURO 4 (TEK KAMALI/WITH 1 KEYWAY)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3529	542 030 0101 /542 030 1801	MERCEDES BENZ OM 502 LA V8	8 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2550	MD374408 /MD374409	MITSUBISHI 4D56T L300 2500CC	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2551	MD102601	mitsubishi 4D55 L300 2300CC	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2552	ME013667	mitsubishi 4D31/4D32 CANTER FE 444,FE 304,FB211	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2553	ME013668	mitsubishi 4D34 CANter HD FE 449 ,FE 635,FE 639	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2554	ME018297	mitsubishi 4D34A CANTER FE 659	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2555	ME01734	MITSUBISHI 4D34T CANTER 659 TURBO ENGINE	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2557	ME193484	MITSUBISHI 4M42 CANTER EURO 4	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2558	31B20-00201 /32C20-03061	MITSUBISHI S3L 3 CYL	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2559		MITSUBISHI S4L 4 CYL	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2560	1100A028	MITSUBISHI L200 CR	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2561	1100A261	MITSUBISHI L200 SU	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2562	ME203551	MITSUBISHI 4M40	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1350	4785110	NEW HOLLAND TD75 / 85 / 90 / 110	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1351	E5HN6303CC	FORD TX 32 666HT ENGINE 6.6L / NEW HOLLAND	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1352	E5HN6303AD	FORD TX 34 678HT ENGINE 7.8L / NEW HOLLAND	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1354	4785107	FORD / NEW HOLLAND 110.90 /130.90/140.90/L517/L520	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1355	4785111 /98461246	NEW HOLLAND TD60/TD65/TD80	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1400	ZZ90084 / 31312436 / 3637454M91 / ZZ90116 / 84402 / ZZ90148	PERKINS 3.152 MF135 ROPE SEAL (WITHOUT COUNTERWEIGHT, SNOUT: 1 HOLE, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1401	ZZ90150/ZZ90122/94458/3637410M91/ U5BG0027/3312002K91/ZZ90117/ U5BG0012/31312702/31312713/ZZ90151/ ZZ90174/ZZ90019	PERKINS 3.152 (MF 240) LIP SEAL (WITHOUT COUNTERWEIGHT, SNOUT: 1 HOLE, KEYED FLANGE: 6 HOLES, 1 DOWEL)	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1402	ZZ90117 / 94463 / ZZ90075 / 94459	PERKINS 3.152 MF240 LIP SEAL (WITHOUT COUNTERWEIGHT, SNOUT: 1 HOLE, KEYED, SPLINED, FLANGE: 6 HOLES, 1 DOWEL)	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1403	ZZ90100 / ZZ90076 / 85719 / 3637457M91	PERKINS 4.212 (MF 165) ROPE SEAL (SNOUT: 1 HOLE, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1404	ZZ90077 / 94430 / 3637453M91	PERKINS 4.212 (MF 165) LIP SEAL (SNOUT: 1 HOLE, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1405	94435/94436/U5BG0019 / U5BG0024 / ZZ90081/ZZ90082 / 3637401M91	PERKINS 4.236/4.248 (MF185) LIP SEAL (SNOUT: 1 HOLE, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1406	ZZ90093/U5BG0054 /3637789M91/84422	PERKINS 4.236 /4.248 (MF 185) ROPE SEAL (SNOUT: 1 HOLE, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1407	ZZ90111 / 94441 / 3637458M91	PERKINS 4.203 (MF 165) LIP SEAL (SNOUT: 1 HOLE, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1408	ZZ90121 / 92485 / 31315148 / R7002903C1	PERKINS 4.203 (MF 165) ROPE SEAL (SNOUT: 1 HOLE, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1409	115256751	PERKINS 404 C 2.2 (KEYED, FLANGE: 6 BOLT HOLES) (STROKE : 50 MM)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1410	115256750 / 15256990	PERKINS 404 C 2.2 (KEYED, FLANGE: 6 BOLT HOLES) (STROKE : 45 MM)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1412	3131579F / ZZ90225	PERKINS 285 LIP SEAL (SNOUT: 3 HOLES, SPLINED, KEYED, FLANGE: 10 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1413	ZZ90089 /U5BG0045	PERKINS 6.3542 ROPE SEAL ""AS600"" (SNOUT: 1 HOLE, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1414	ZZ90090 /94468	PERKINS 6.3542 LIP SEAL ""AS600"" (SNOUT: 1 HOLE, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1415	ZZ90090 /94468	PERKINS 6.3542 LIP SEAL ""AS600"" (SNOUT: 1 HOLE, SPLINED, KEYED, FLANGE: 12 HOLES)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1416	ZZ90086 /3637404M91 /U5BG0035	PERKINS 6.3544 LIP SEAL ""AS950"" (SNOUT: 3 HOLES, 2 KEYED, FLANGE: 12 HOLES)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1417	ZZ90222/ZZ90239 /ZZ90224 /4225085M91	PERKINS 1104 LIP SEAL (SNOUT: 3 HOLES, SPLINED, KEYED, FLANGE: 10 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1418	ZZ90222/ZZ90239 /ZZ90224 /4225085M91	PERKINS 1104 LIP SEAL (SNOUT: 3 HOLES, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1419	4181V017	PERKINS 1103 / 1003B-33 / 103C-33T LIP SEAL (SNOUT: 3 HOLES, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1420	4223939M91 / ZZ90202 / ZZ90225 / ZZ90238	PERKINS 4.236, 4.248, 1004.4 TURBO DIESEL H.WEIGHT (SNOUT: 3 HOLES, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1421	ZZ90082 / ZZ90081	PERKINS (EBRU) 4.236 I 4.248 LIP SEAL H.WEIGHT (SNOUT: 1 HOLES, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1422	ZZ90082 / ZZ90081	PERKINS (EBRU) 4.236 I 4.248 ROPE SEAL H.WEIGHT (SNOUT: 1 HOLES, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1423	115256970	PERKINS 403C 11	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1425	ZZ90237 /ZZ90241 /4226955M91	PERKINS 1104C-44 1104C-44TA (SNOUT: 3 HOLES, KEYED, FLANGE: 10 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1426	ZZ90242	PERKINS 1106D (SNOUT: 3 HOLES, KEYED, FLANGE: 12 HOLES)	6CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1427	ZZ90143/94434 /3637401M91	PERKINS 285 LIP SEAL / S.NOSE (SNOUT: 3 HOLES, SPLINED, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1428	ZZ90236	PERKINS 1103 LIP SEAL (NEW MODEL) (SNOUT: 3 HOLES, KEYED, FLANGE: 6 HOLES, 1 DOWEL)	4 CYL

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SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1429	ZZ90197	PERKINS 700 SERIES	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1430	ZZ90238	PERKINS 4.236 / 4.248 LIP SEAL (SNOUT: 3HOLES,SPLINED,KEYED, FLANGE: 10 HOLES,1DOWEL) (AS 250)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1431	ZZ90241	PERKINS 1104C-44 1104C-44TA (ELECTRONIC ENGINE) (SNOUT: 3 HOLES, KEYED, FLANGE: 10 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1432	4223939M91 / ZZ90202 / ZZ90225	PERKINS 4.236, 4.248, 1004.4 TURBO DIESEL H.WEIGHT (REINFORCED) (SNOUT: 3 HOLES, SPLINED, KEYED FLANGE: 6 HOLES, 1 DOWEL)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3600	5600551684	RENAULT TRUCKS PREMIUM 400	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1500	0.053.1210.4/10	SAME TRACTOR 982 / 034	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1501		SAME TRACTOR 983	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1502		SAME TRACTOR 984	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1503	0.086.1210.3/30	SAME TRACTOR 1054P	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1504	0.010.4320.3 /10, 0.010.4320.3 /20, 0.010.4320.3/30	SAME LASER 110-130-150	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3700	342060 /312739	SCANIA DS /DSC 11 / 111	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3701	342060 /312739	SCANIA DS/DSC 12 /112/13/113	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3702	370850	SCANIA DS /DSC 14 143 V8	8 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1550	115256102-6303	SHIBAURA SD 4340 TRACTOR	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1551	SBA115256750	SHIBAURA N844L TRACTOR	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1552	SBA115256751	SHIBAURA N844 & N844T	4 CYL



SAGE REF	ENGINE TYPE	CYLINDERS
SG575	SLANZI 224	2 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1573	4110020014	STEYR 8070/8080 WD 411.42	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1575	4080020017 /406020012	STEYR WD 8073/768 408.40	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1600	115.03.020	UNIVERSAL D 115 TRACTOR 350/360/445/455	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1601	121.03.020	UNIVERSAL D 121 TRACTOR 460/550	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1602	103.03.010	UNIVERSAL 650	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1603	2404.03.0306	UNIVERSAL UTB 683 DT	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG560		VM ENGINE (2 COUNTERWEIGHTS)	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG561		VM ENGINE (4 COUNTERWEIGHTS)	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3800		VOLVO BOLINDER D350	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3801	4804115	VOLVO TD 42 TRACTOR	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3802	4804294	VOLVO TD 45 TRACTOR	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3803	465755	VOLVO TD 60	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3804	471749	VOLVO TD 70	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3805	1545657 /8194490	VOLVO TD 100 (FLANGE:10 HOLES)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3806	8194456	VOLVO TD 101/102/103 (FLANGE:14 HOLES)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3807	470681/468617 /688740	VOLVO TD 120/TD 121 (FLANGE:10 HOLES)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3808	470681-8/468617	VOLVO TD 121 FI2 N12 (FLANGE:10 HOLES)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3809	478676 /8125583	VOLVO TD 122/TD 123 (FLANGE:14 HOLES)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3813	465798/420662	VOLVO TD 61 L90 A	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG3814	477116	VOLVO TD 71	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1651	721250-21700	YANMAR 3T84-3T90	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1700	52010399 / 30010399	ZETOR 3011 / 3045/ 5011 (2 COUNTERWEIGHTS)	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1701	40010399	ZETOR Z6901 6911 / 4011 ZETOR Z6901 6911 I 4011 URSUS C 360 TRACTOR (4 COUNTERWEIGHTS)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1702		ZETOR 812 4 COUNTERWEIGHTS	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1703		ZETOR 8011/8045 INTEGRATED COUNTERWEIGHTS SPLINED	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1704		ZETOR 7441-12 PROXIMA	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1705		ZETOR / URSUS 1224/16145	6 CYL

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SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1900	11217599247	BMW N20, B20A	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1901	11218515071	BMW N47 E81/E82/E87 /E88/E91 2.0 N47D20A-204PS	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1902	11218512217	BMW N57, D30B, 3,4,5,6,7, X3,X5,X6 TD (4 BALTAI/COUNTER WEIGHTS)	6 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG1903	11217799970	BMW N57, D30B, 3,4,5,6,7, X3,X5,X6 TD (8 BALTAI/COUNTER WEIGHTS)	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG6000	96348865	CHEVROLET AVEO 1.4 (REINFORCED)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG6001	96385403	CHEVROLET AVEO 1.5/1.6 (REINFORCED)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG6002	93282387	CHEVROLET LUV C24SE	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2100	7670815	FIAT 131 1600 CC (FLYWHEEL :74 MM) (HOSING DIA: 32MM)	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2101	5888226	FIAT TEMPRA SLX 1.6 /UNO 70	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2102	77330351	FIAT LANCIA /TEMPRA 2.0	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2103	71732627	FIAT DOBLO 1.4	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2104	5893589	FIAT PALIO 1.2 8 VALVE (KASNAK ÇAP : 22.45 MM /POMPA YERİ ÇAP 30.50 MM)	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2105	71718466	FIAT PALIO 1.2 16 VALVE (KASNAK ÇAP : 26 MM / POMPA YERİ ÇAP 32.03 MM)	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2106	55200307 /55200308	FIAT DOBLO 1.3 MULTIJET	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2107	9617093288	FIAT SCUDO 1.9 DIESEL	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2108	71736266	FIAT DOBLO 1.9 JTD DIESEL	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2109	71736268	FIAT SCUDO 1.9 DIESEL	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2204	23110-27500	HYUNDAI D3EA ACCENT 1.5 DIESEL	3 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2205	23111-26100	HYUNDAI ACCENT 1.6 ADMIRE	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2206	23111-26400	HYUNDAI ACCENT ERA 1.4	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2207	23110-2A601 /23111-2A701	HYUNDAI ACCENT ERA 1.5 /GETZ 1.5 CRDi VGT ENGINE DIESEL	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2210	23111-21050	HYUNDAI G4DJJ EXCEL 1.5 (REINFORCED)	4 CYL

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SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2211	23110-27420 / 23110-27000	HYUNDAI D4EA/D4EB, SANTA FE, TUCSON, I30, ELENTRA, TRAJET (REINFORCED)	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2400	231102A100	KIA RIO 1.5 DIESEL	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2401	23110-4A000 /23110-4A010	KIA SORENTO 2.5 CRDi DIESEL	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG5300	ETC8829 /ERR1181	LAND ROVER 2.5 LTR. TD 90 JEEP	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG5301	ERR2112	LAND ROVER 300 TDI JEEP	4 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG5302	XR858107 /LR052136	RANGE ROVER SPORT DISCOVERY 3 KRANK 2.7 TDV6 DİZEL / DIESEL	6 CYL



SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG5303		RANGE ROVER 3.0	6 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2600	9P910549 /Z12200-6T001	NISSAN L / TD 2.5 PICK UP	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2601	9P910548 /Z12200-2S606	NISSAN CABSTAR 3.0 D-DT /BD30 MINIBUS XL	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2602	Z12200-60J10	NISSAN TERRANO 2.7 D TD27	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2603	12200-AD210 /12200-AD21A	NISSAN NAVARA 2.5 YD25 /PATHFINDER 2.5 DTI	4 CYL

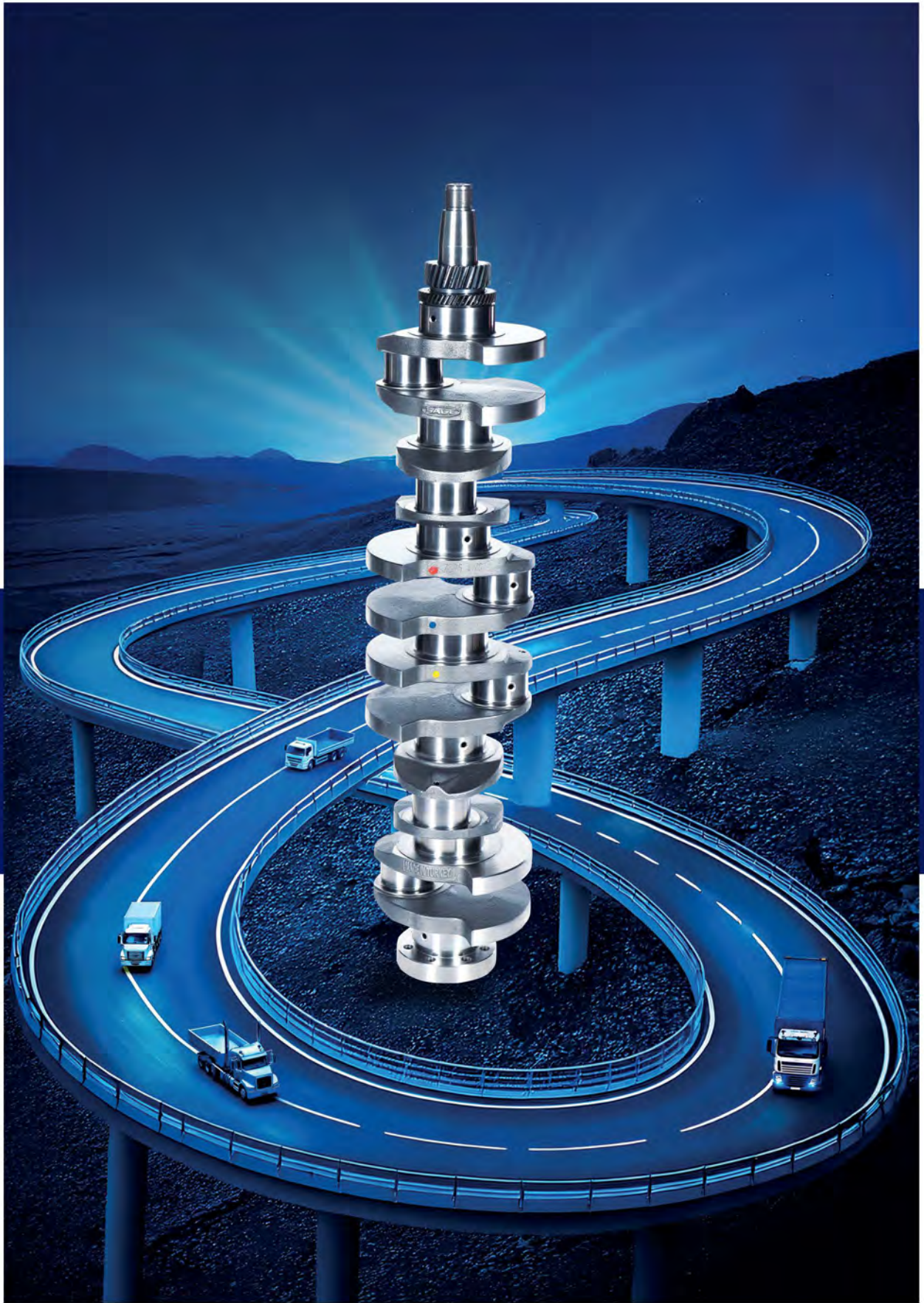
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2604	9P910548 /Z12200-2S606	NISSAN PICK-UP 3.0 VG30E, CABSTAR 3.0 TDI BD30	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2650	0501.J9	PEUGEOT DW4 1.4 107 HDI TD /206 HDI TD / 207 HDI TD / 307 HDI TD	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2652	0501.G3	PEUGEOT XUD9T DW10 2.0 PARTNER / 307 HDI /406 HDI / 407 HDI	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2655	0501.H1	PEUGEOT XUD9-FW8 1.9 PARTNER	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2657	0501.K6	PEUGEOT DW6 1,6 PARTNER HDI /206 TD / 207 TD / 307 TD	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2700	7700564485	RENAULT J1J 12 1400 CC	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2701	7700704658	RENAULT F2N 11 FLASH 1700 CC DIESEL	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2702	7702252575	RENAULT C2L 9 FAIRWAY 1600 CC	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2703	8200382457	RENAULT K9K CLIO 1.5 DIESEL (NEW MODEL - FRONT NOSE NUT : 14 METRIC)	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2704	7700111883	RENAULT F8Q KANGOO 1.9 DIESEL	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2705	7700704658	RENAULT F8M 9 DIESEL 1700 CC	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2707	7700273951	RENAULT E7J / E6J 1.4 ENGINE (CLIO / KANGOO / EXPRES / RNI)	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2708	8200590576	RENAULT G9T ESPACE 2,2 DCI (WITH GEAR)	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2710	8200317301	RENAULT KANGOO 1.5 DIESEL	4 CYL

SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2800	13401-11050	TOYOTA 2E 1300 CC OIL	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2801	13411-02901 /13411-15040	TOYOTA 4AFE /4AGE 1600 CC	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2802	13401-22030	TOYOTA COROLLA 1.6 VVTI 3ZZ	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2803	05010 /13401 54040	TOYOTA HILUX 2.4 D 2L DIESEL	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2804	13401-33011	TOYOTA COROLLA 1.4 D-4D (1 KEYWAYS / 1 KAMALI)	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2805	13411-38010 /13401-11040	TOYOTA COROLLA 1.4 D-4D (2 KEYWAYS / 2 KAMALI)	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2806	13401-56021	TOYOTA 2B,B30 MINIBUS, MINITRUCK (4 INTEGRATED COUNTER WEIGHTS)	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2807		TOYOTA B65 MINIBUS, MINITRUCK (8)	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2808	13411/31902	TOYOTA HILUX 12R	4 CYL
SAGE REF	OEM REF.	ENGINE TYPE	CYLINDERS
SG2809	13401 37010 /13401 0T050	TOYOTA COROLLA, AURIS 1ZR 1.6 (2 KEYWAYS / 2 KAMALI, FLANGE : 8 HOLES)	4 CYL





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