250 SX-F 2007

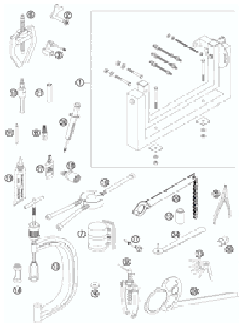
SPARE PARTS MANUAL: ENGINE

ART.NO.: 3CM089308GEN

ENGLISH

INDEX

SPECIAL TOOLS



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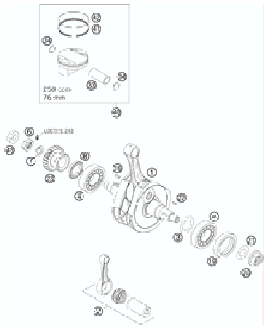

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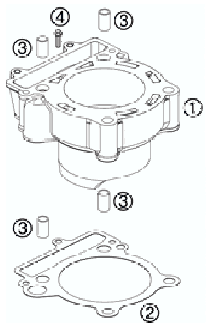
CYLINDER



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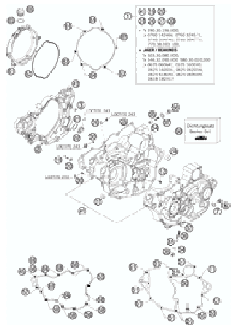
ENGINE CASE



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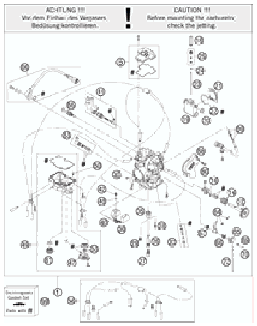

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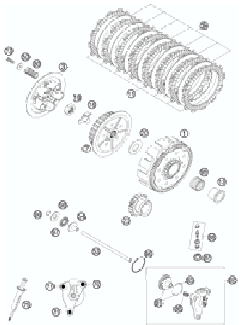

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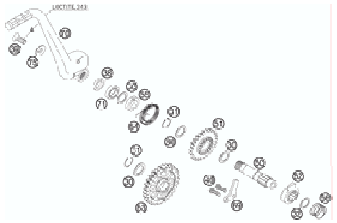
KICKSTARTER



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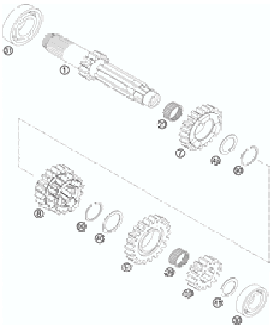
TRANSMISSION I



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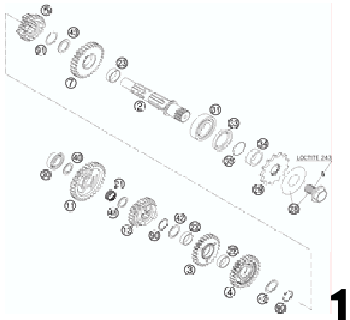

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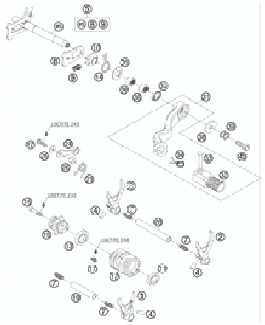

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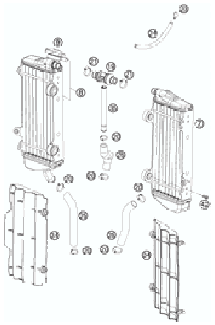
COOLONG SYSTEM



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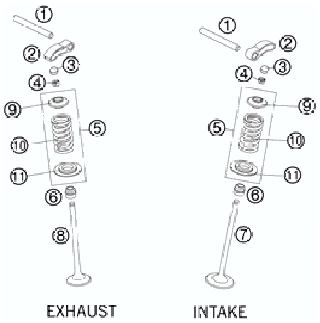
VALVE DRIVE



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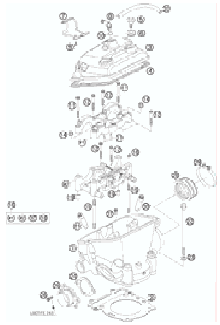

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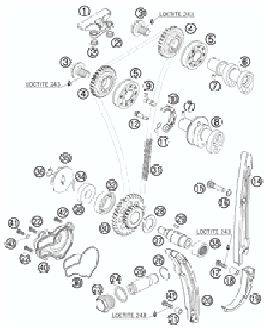

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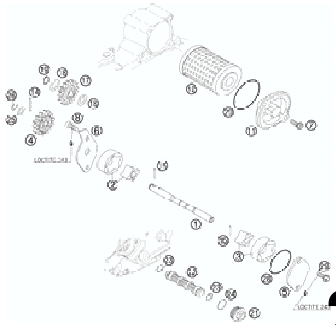
LUBRICATING SYSTEM



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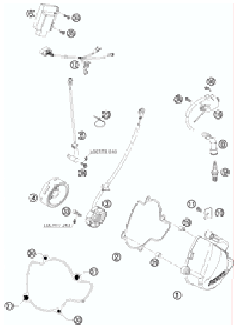
IGNITION SYSTEM



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SPECIAL TOOLS

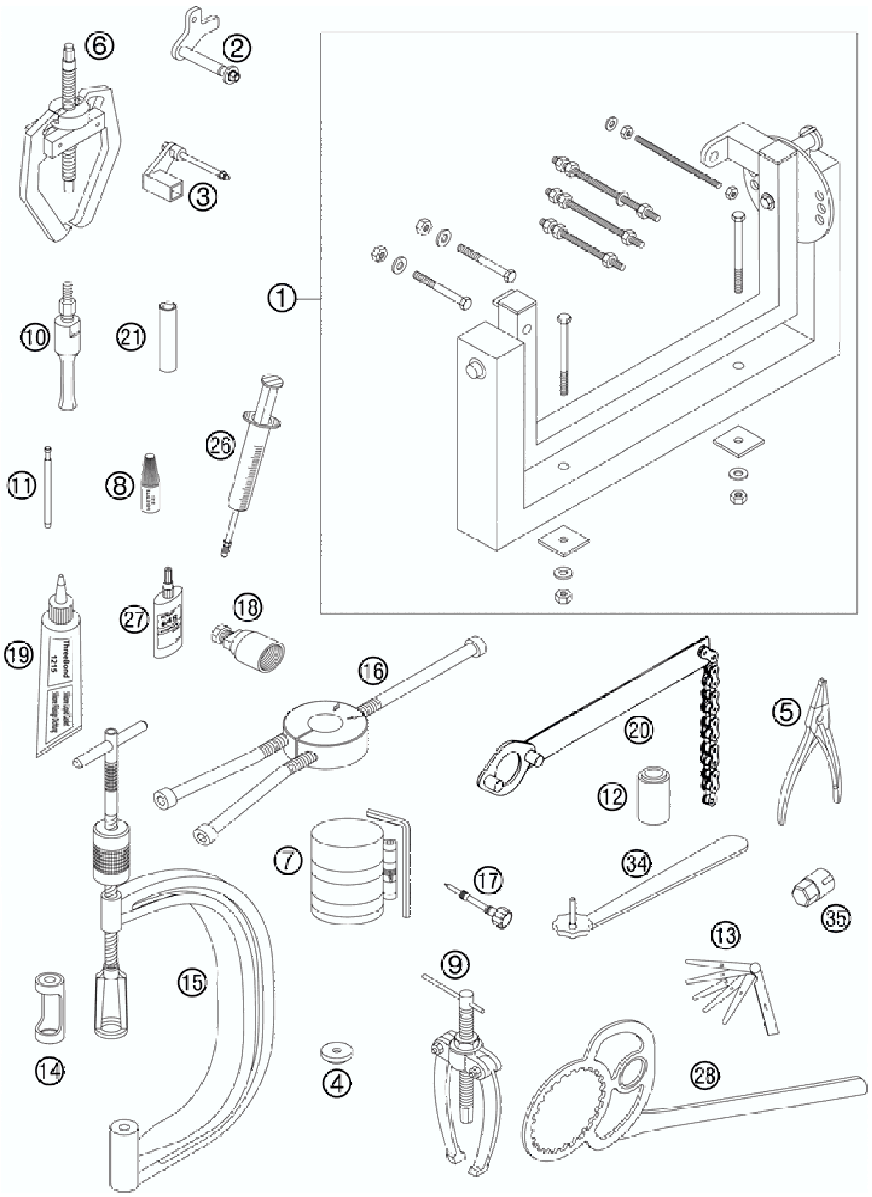

FIG	PART NUMBER	DESCRIPTION	QTY
1	56012001000	UNIVERSAL MOUNTING RACK '96	1
2	77029002000	FIXING ARM FRONT	1
3	77029003000	FIXING ARM REAR	1
4	77029035000	PROTECTION CAP FOR CAMSHAFT	1
5	51012011000	SPECIAL CIRCLIP PLIER	1
6	59029033000	EXTRACTOR FOR TIMING GEAR	1
7	60029015000	PISTON RING COMPRESSOR CPL. 03	1
8	6899785	LOCTITE 243 BLUE 6CCM	1
9	15112017000	BUSHING EXTRACTOR	1
10	15112018000	INTERN.BEAR.PULLER 12-16 MM	1
10	15112018100	INTERN.BEAR.PULLER 18-23 MM	1
10	15112018200	INTERN.BEAR.PULLER 5-7 MM	1
11	77029026000	LIMIT PLUG GAUGE F.VALVE GUIDE	1
12	60029043040	SEAL.RING PRESS PUNCH WAT.PUMP	1
13	59029041000	FEEL. GAUGE SET 10,12,15,20,25	1
14	77029041000	INSERT FOR VALVE SPRING LEVER	1
15	59029019000	VALVE SPRING LEVER	1
16	58429037037	MOUNTING TOOL INNER RING NJ206	1
17	59031017200	MIXT. CONTROL SCREW FACTORY 04	1
18	58012009000	FLYWHEEL EXTRACTOR	1
19	309098	SILICON GASKET THREE-BOND	1
20	51012012000	HOLDING SPANNER FOR SPROCKET	1
21	60029073000	SPARK PLUG WRENCH 16MM 1/2INCH	1
26	50329050000	VENT INJEKTION HYDR. CLUTCH	1
27	58429059000	LOCTITE 648 GREEN 24ML	1
28	50329003000	HOLD. PLATE CLUTCH 125/200 '98	1
34	59029034000	WRENCH F.MIXTURE CONTROL SCREW	1
35*	77329081000	SP. WRENCH F.HOSE CONNECTOR 07	1

077702900 / C077702900

* NEW PART

X AS REQUIRED

CRANKSHAFT, PISTON

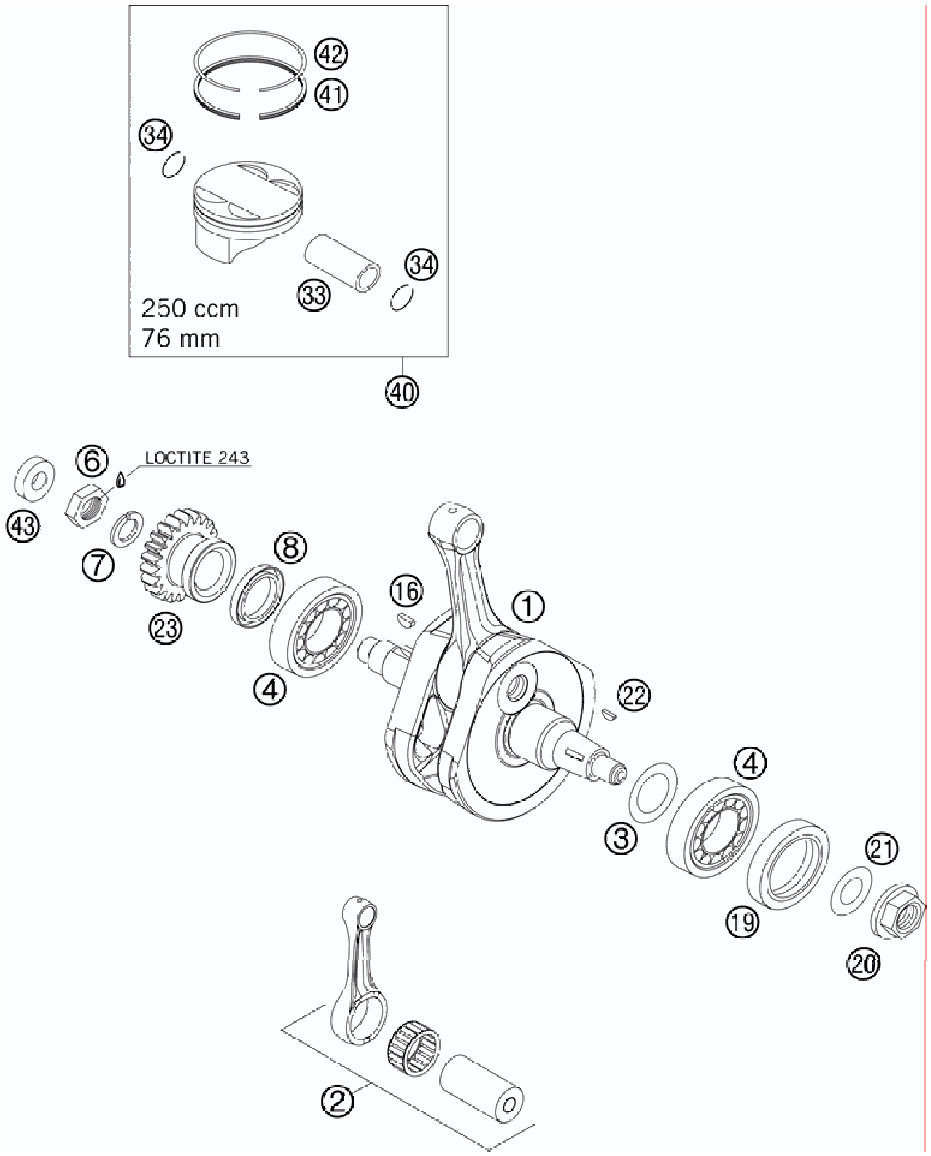

FIG	PART NUMBER	DESCRIPTION	QTY
1	77030018100	CRANKSHAFT 06	1
2	77030015144	CON. ROD REP. SET 05	1
3	56030081000	THRUST WASHER 30,5X45X0,10	x
3	56030081100	THRUST WASHER 30,7X47X0,15	x
3	56030081200	THRUST WASHER 30,5X45X0,30	x
4	50330082000	CYL.ROLLER BEAR.NJ206 ET2XCS46	2
6	54630029000	HEX.NUT L/SH M18X1,5	1
7	58132072000	LOCK WASHER VSK 18	1
8	0760354240	SH.SEAL RING 35X42X4 B10FNIB	1
16	6946005	WOODRUFF KEY 5X6,5 HARDED	1
19	0760304772	SH.SEAL RING 30X47X7 BSL VITON	1
20	49030021000	COLLAR NUT M12X1 R/S	1
21	0137120000	SPRING WASHER DIN0137-B12	1
22	0888030050	WOODRUFF KEY DIN6888-3X5X13	1
23	77032000122	PRIMARY GEAR 22T. 05	x
33	77030033000	PISTON PIN BOLT D=16mm 05	1
34	77030074000	CIRCLIP 05	1
40	77030007000 I	PISTON I CPL. 05	1
40	77030007000 II	PISTON II CPL. 05	1
41	77030032000	OIL SCRAPER RING D=76 05	1
42	77030030000	COMPRESSIONRING D=76	1
43	0760142460	SHAFT SEAL RING 14X24X6 B	1

057703004 / C057703004

* NEW PART

X AS REQUIRED

CYLINDER

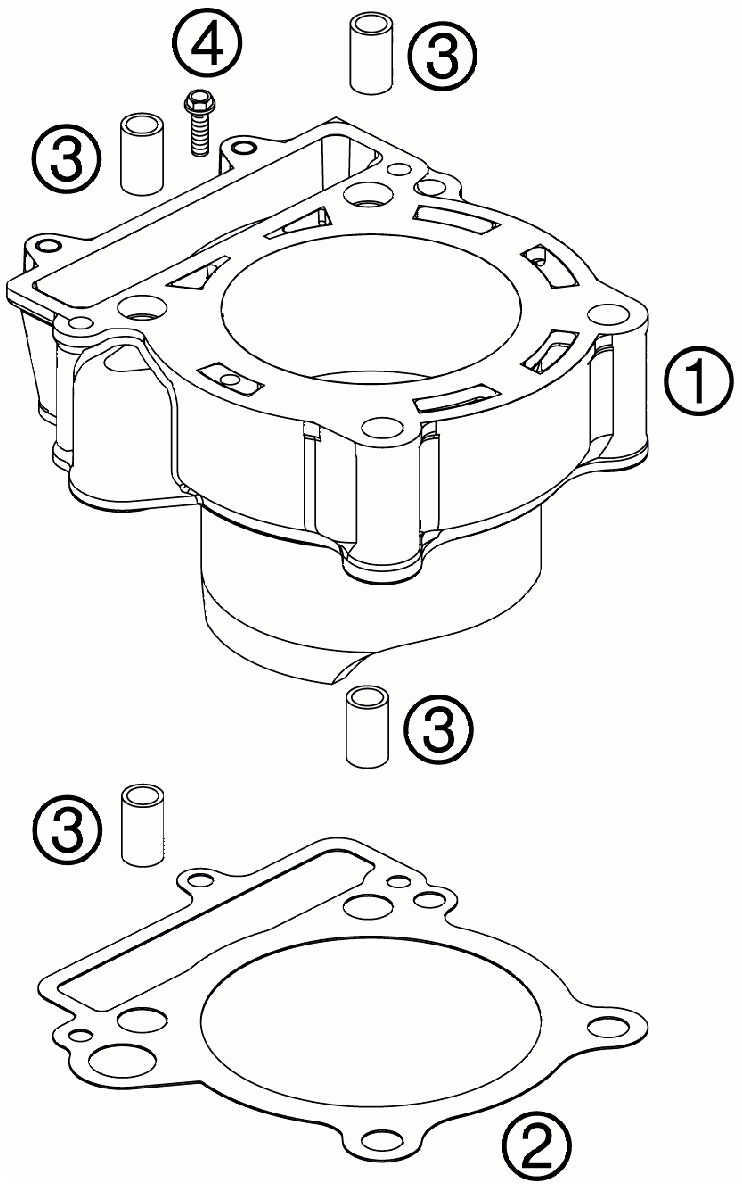

FIG	PART NUMBER	DESCRIPTION	QTY
1	77030005000	CYLINDER 2005	1
2	77030035000	CYLINDER BASE GASKET 05	1
3	58530014000	DOWEL 10,2X12,5X10 2001	4
4	0015060253	HH COLLAR SCREW M 6X25 WS=8	1

05770302 / C057703005

* NEW PART

X AS REQUIRED

ENGINE CASE

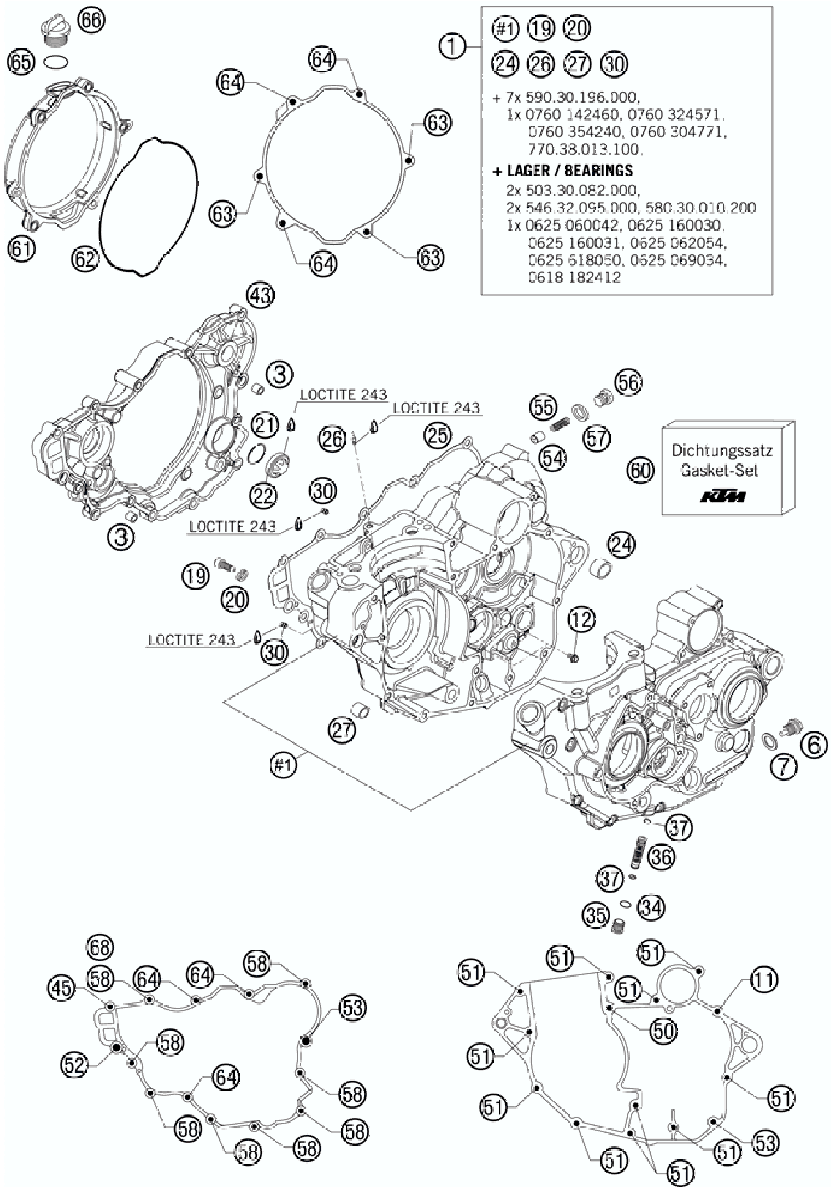

FIG	PART NUMBER	DESCRIPTION	QTY
1*	77030000144	ENGINE CASE CPL. W.TR.BEAR. 07	1
3	49030090000	DOWEL 9,8 X 7 X 10	2
6	58030021000	OILDRAIN PLUG W.MAG. M 12X1,5	1
7	58038022000	CU-SEAL RING DIN7603-12X18X1,5	1
11*	0015060403	HH COLLAR SCREW M 6X40 WS=8	1
12	0015060083	HH COLLAR SCREW M 6X8 WS=8	2
19	58030080000	LOCATING SCREW M8 L=23	1
20	58030081000	CU-SEAL RING 8 X 14 X 3	1
21	61030019050	CIRCLIP OIL LEVEL GLASS 03	1
22	59030019000	OIL LEVEL GLASS G 1777 Y	1
24	59030024000	DOWEL 17 X 19 X 12	1
25	77030025100	GASKET FOR CLUTCH COVER 05	1
26	60030064070	OIL JET 70 M6X0,75 WS8 03	1
27	54630027000	DOWEL BUSHING 13,8X11X12	1
30	59030058000	JET 100 BING(44-031/180) M4	2
34	0770120020	O-RING 12,00X2,00 NBR 70	1
35*	59038014100	PLUG M16X1,5	1
36	59038015000	OIL SCREEN 11,8X44,5MM	1
37	0770090015	O-RING 9X1,5 NBR	2
43*	77030001044	CLUTCH COVER CPL.	1
45	0015060353	HH COLLAR SCREW M 6X35 WS=8	1
50	0015060653	HH COLLAR SCREW M 6X65 WS=8	1
51	0015060503	HH COLLAR SCREW M 6X50 WS=8	11
52	0015060403	HH COLLAR SCREW M 6X40 WS=8	1
53	0015060303	HH COLLAR SCREW M 6X30 WS=8	2
54	58038028000	VALVE PISTON D=10MM	1
55	58038023300	PRESSURE SPRING L=25MM D=1MM	1
56	0908120153	PLUG DIN0908-M12X1,5	1
57	58038022000	CU-SEAL RING DIN7603-12X18X1,5	1
58	0015060253	HH COLLAR SCREW M 6X25 WS=8	8
60	77030099000	GASKET SET 05	1
61*	77030026100	CLUTCH COVER OUTSIDE 06	1
62	77030027000	MOLDED RING 05	1
63	0015060253	HH COLLAR SCREW M 6X25 WS=8	3
64	0015060553	HH COLLAR SCREW M 6X55 WS=8	6
65	0770191015	O-RING 19,00X3,00 NBR	1

077703003 / C077703003

* NEW PART

X AS REQUIRED

ENGINE CASE

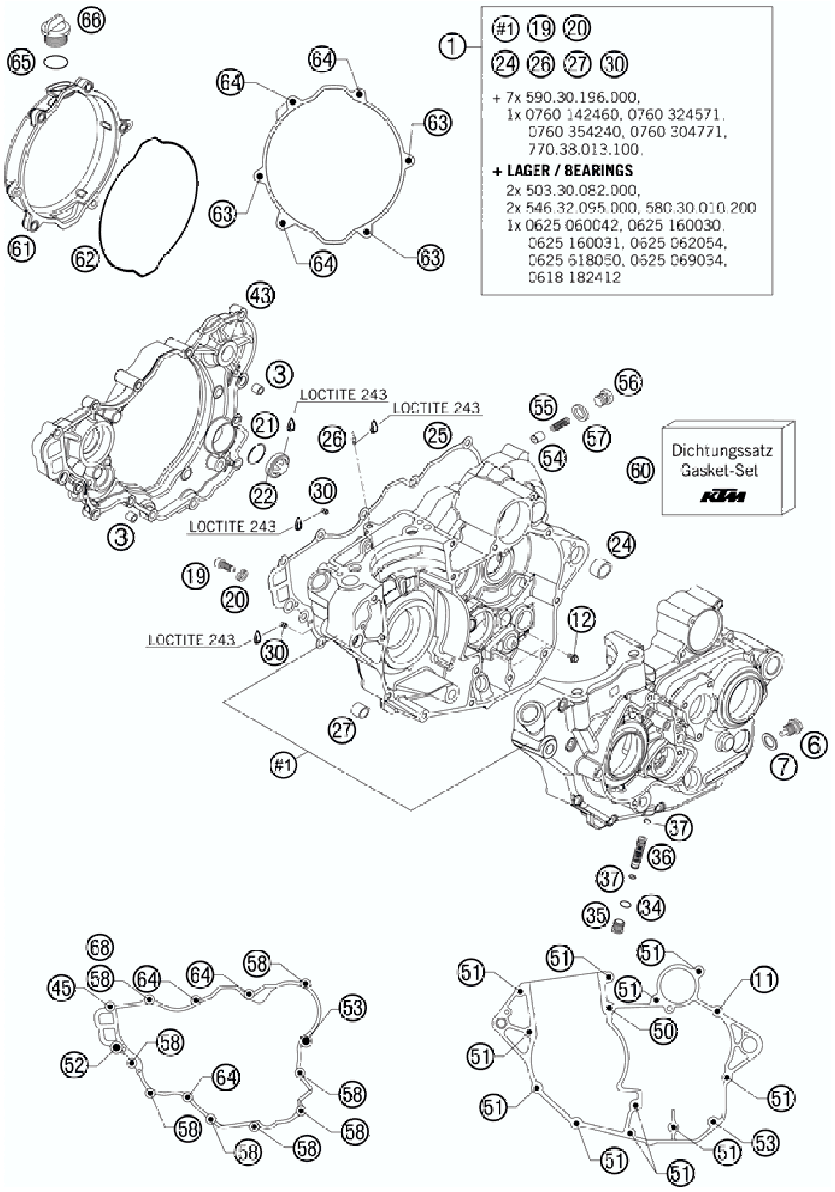

FIG	PART NUMBER	DESCRIPTION	QTY
66	58030020000	PLUG M 24X3	1
68	0603061001	CU-SEAL RING DIN7603-6X10X1	1

077703003 / C077703003

* NEW PART

X AS REQUIRED

CARBURETOR

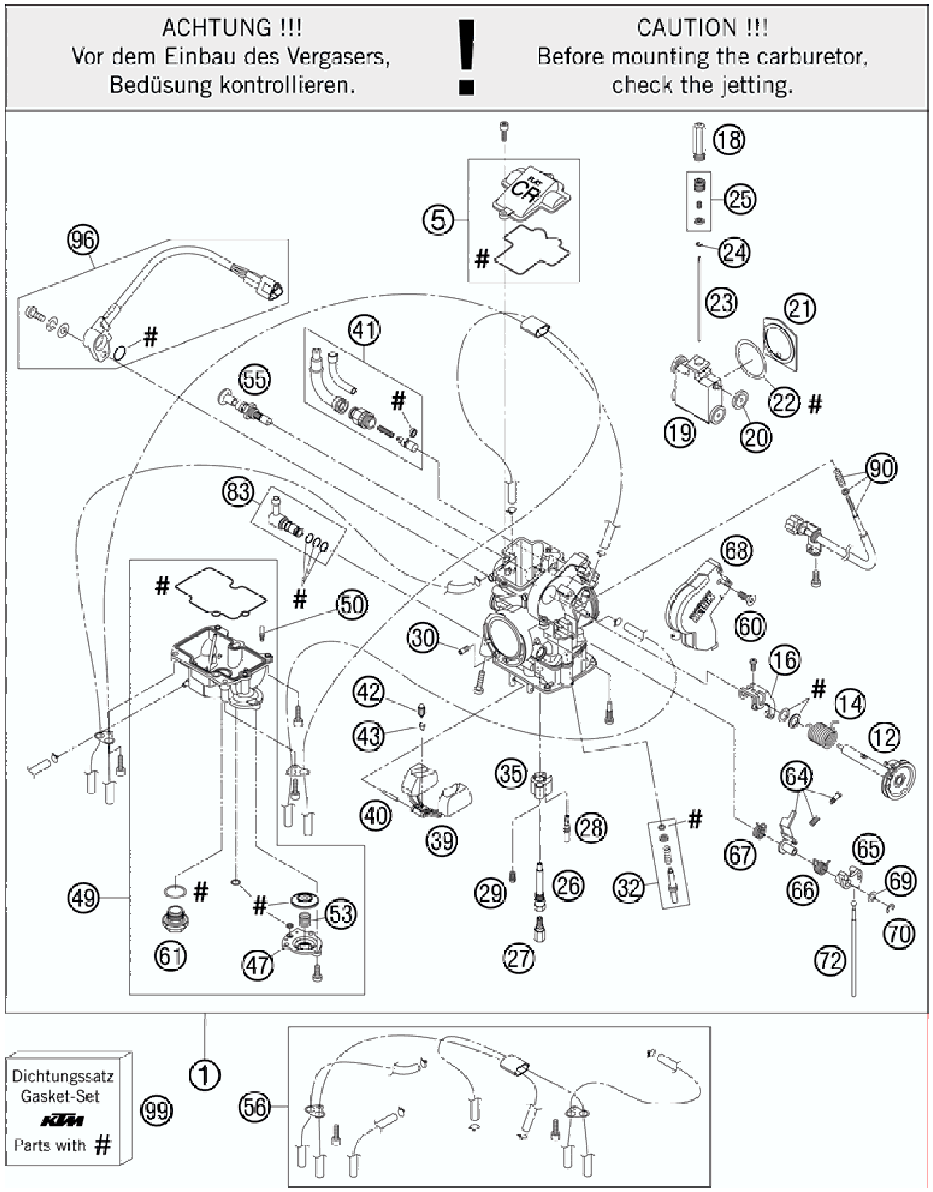

FIG	PART NUMBER	DESCRIPTION	QTY
1*	77031001000	CARBURETOR 2005	1
5	57331027044	CARBURETOR COVER WITH GASKET	1
12	57331046100	THROTTLE SHAFT CPL. 06	1
14	57331046050	COIL SPRING THROTTLE SHAFT	1
16	57331035051	LINK ARM THROTTLE VALVE CPL.	1
18	59031029010	SLIDE STOP 03	1
19	57331035000	THROTTLE VALVE CPL.	1
20	59031035050	BUSHING THROTTLE VALVE	4
21	57331035153	GASKET PLATE THROTTLE VALVE 04	1
22	59031035052	GASKET WASHER THROTTLE VALVE	1
23	59031034100	JET NEEDLE KEIHIN OBETP	1
23	59031034200	JET NEEDLE KEIHIN OBETN	x
23	59031034300	JET NEEDLE KEIHIN OBETQ	x
24	59031029000	BAR CLIP	1
25	57331032000	NEEDLE SET SCREW CPL.	1
26	59031121000	NEEDLE JET FCR-MX	1
27	54531623162	MAIN JET 162 KEIHIN	x
27	54531623165	MAIN JET 165 KEIHIN	x
27	54531623168	MAIN JET 168 KEIHIN	x
27	54531623170	MAIN JET 170 KEIHIN	x
27	54531623172	MAIN JET 172 KEIHIN	x
27	54531623175	MAIN JET 175 KEIHIN	1
27	54531623178	MAIN JET 178 KEIHIN	x
27	54531623180	MAIN JET 180 KEIHIN	x
28	54531607038	IDLE JET 38 KEIHIN	x
28	54531607040	IDLE JET 40 KEIHIN	x
28	54531607042	IDLE JET 42 KEIHIN	1
29	59031051085	STARTER JET 85	1
30	57331107100	IDLE AIR JET 100 KEIHIN	1
32	59031017100	ADJUST SCREW CPL. FCR-MX	1
35	57331085000	BUFFER PLATE	1
39	57331009000	FLOAT CPL.	1
40	57331008000	ARM PIN FLOAT	1
41	77031075000	HOT-STARTER VALVE	1
42	54631220000	FLOAT NEEDLE	1
43	54531621000	CLAMP	1

077703100 / C077703100

* NEW PART

X AS REQUIRED

CARBURETOR

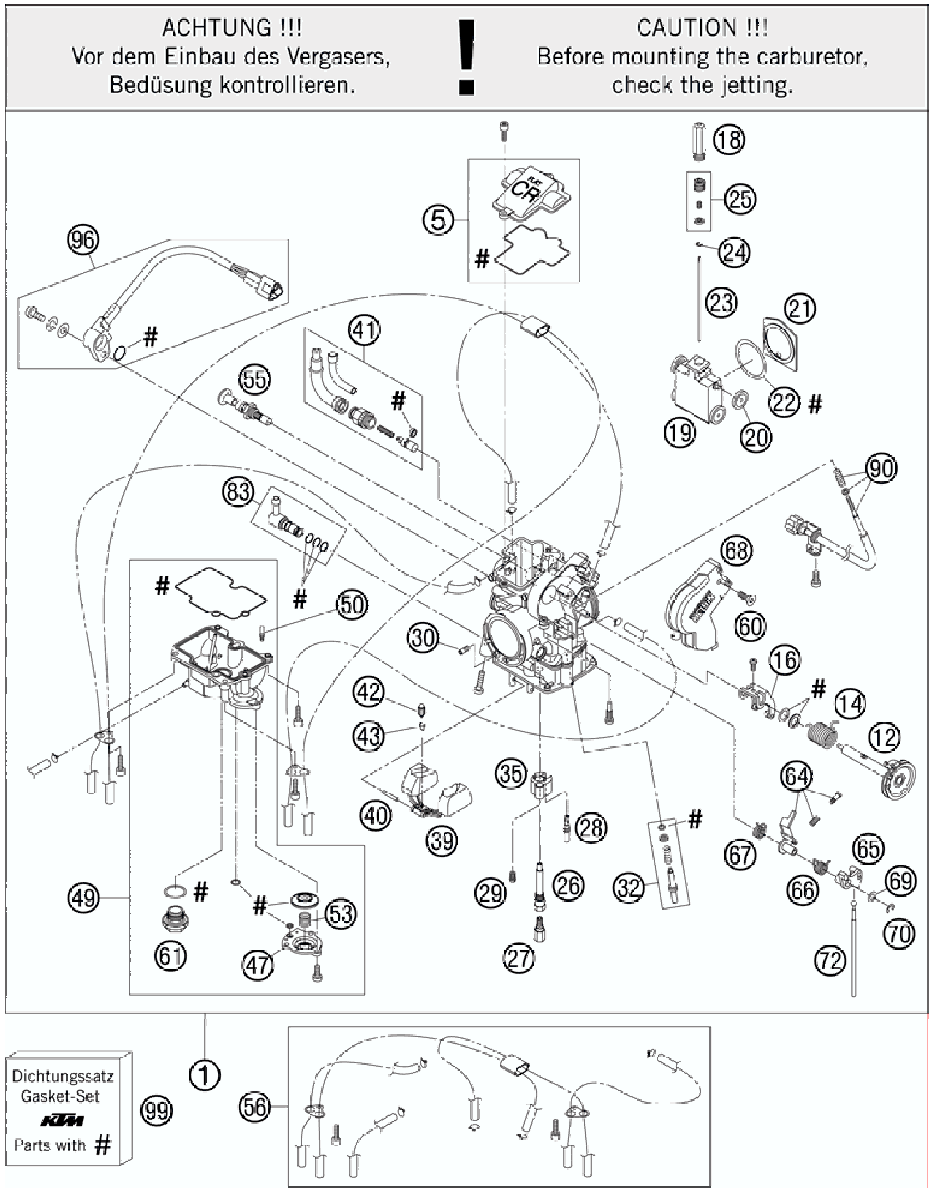

FIG	PART NUMBER	DESCRIPTION	QTY
47	57331060000	COVER ACCELERATOR PUMP	1
49	77031011000	FLOAT CHAMBER CPL.	1
50*	54631085000	JET POWER JET CLOSED KEIHIN	x
50	54631085050	JET POWER JET 50 KEIHIN	x
50	54631085060	JET POWER JET 60 KEIHIN	x
50	54631085070	JET POWER JET 70 KEIHIN	1
53	59031059000	COIL SPRING	1
55*	77031048000	STARTER VALVE CPL.	1
56	57331098000	BREATH.HOSE FCR-MX KEIHIN CPL.	1
60*	0965050103	FLAT HEAD SCREW DIN0965-M 5X10	1
61	54531699000	PLUG M 18X1	1
64	57331062000	INTERMEDIATE LEVER CPL.	1
65	57331056000	LINK LEVER	1
66	57331059000	SPRING LINK LEVER	1
67	57331159000	SPRING INTERMEDIATE LEVER	1
68	57331038200	CARBURETOR COVER 06	1
69	57331087000	WASHER LINK LEVER	1
70	57331084000	E-CLIP	1
72	57331061000	ROD ACCELERATOR PUMP	1
83	59031013044	HOSE CONNECTOR CPL.	1
90	57331025000	STOP SCREW CPL. FCR-MX	1
96	59031077200	TPS-SENSOR FCRMX 190MM 2006	1
99	57331099000	GASKET SET FCR-MX KEIHIN	1

077703100 / C077703100

* NEW PART

X AS REQUIRED

CLUTCH

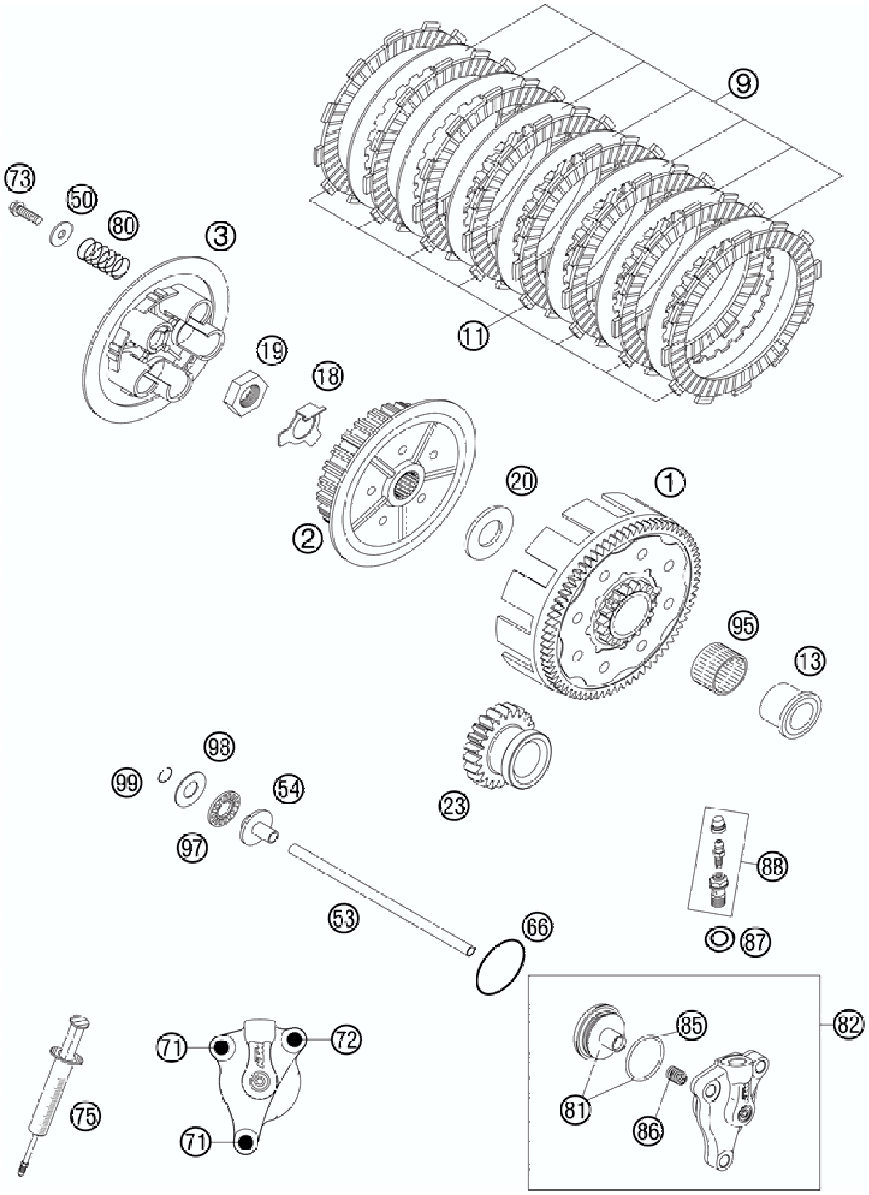

FIG	PART NUMBER	DESCRIPTION	QTY
1	77032001000	OUTER CLUTCH CPL. 05	1
2	77032002000	INNER CLUTCH HUB 05	1
3	77032003000	PRESSURE PLATE 05	1
9	77032010000	INTERMEDI. DISC STEEL 05	7
11	77032011000	LINING DISC 3,0MM 05	8
13	50332013000	INNER RING 20X26X25,9 '98	1
18	50332018000	SHEET METAL LOCK 1,5MM '98	1
19	0936181505	HEXAGON NUT DIN0936-M18X1,5 R.	1
20	50332020000	STOP DISK 20X39,6X3 '98	1
23	77032000122	PRIMARY GEAR 22T. 05	1
50	50232050000	WASHER 6,2X18X2	5
53	77032054000	PUSH ROD 05	1
54	50332054051	PRESSURE PIECE 125-380 '98	1
66	0770300015	O-RING 30,00X1,50 NBR 70	1
71	0015060203	HH COLLAR SCREW M 6X20 WS=8	2
72	0015060353	HH COLLAR SCREW M 6X35 WS=8	1
73	0015060253	HH COLLAR SCREW M 6X25 WS=8	5
75	50329050000	VENT INJEKTION HYDR. CLUTCH	1
80	77032005000	CLUTCH SPRING	5
81	54832066000	PISTON CPL.	1
82	54832061044	OUTPUT CYLINDER CPL. 06	1
85	54832067000	O-RING	1
86	54832069000	PRESSURE SPRING	1
87	42013226000	CU-SEAL RING DIN7603-10X16X1	1
88	54813020000	BLEEDER HOLLOW SCREW M10X1	1
95	56532095000	NEEDLE BEARING K26X30X22ZW.KSE	1
97	54637097200	AXIAL NEEDLE BEARING AXK 1226	1
98	54637098200	AXIAL WASHER AS1226 12X26X1	1
99	0993012000	CIRCLIP DIN7993-RW12	1

067703205 / C067703205

* NEW PART

X AS REQUIRED

KICKSTARTER

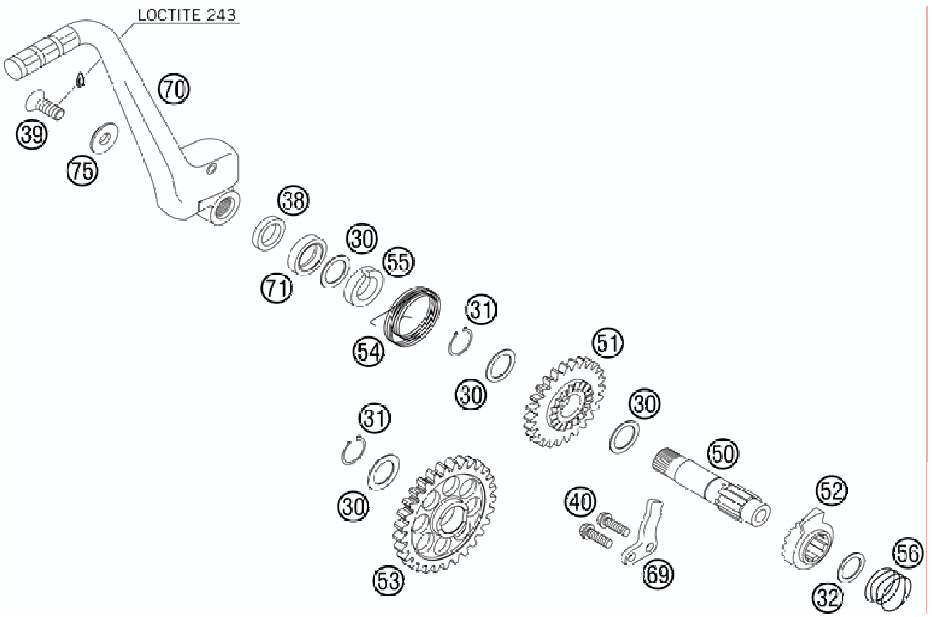

FIG	PART NUMBER	DESCRIPTION	QTY
30	50333030000	STOP DISK 17,2X24X1	4
31	0471170010	CIRCLIP DIN0471-17X1	2
32	0988162210	THRUST WASHER DIN0988-16X22X1	1
38	50333038100	SPACER BUSHING 16X23X26X6,1	1
39*	0019080206S	FLAT HEAD SCREW M. ISA45 M8X20	1
40	0015060163	HH COLLAR SCREW M 6X16 WS=8	2
50	77033050000	KICKSTARTER SHAFT 05	1
51	77033051000	KICKSTART. GEAR 28-T 05	1
52	50333052000	KICKSTARTER RATCHET	1
53	77033053000	INTERMEDIATE GEAR 05	1
54	77033054000	KICKSTARTER SPRING 05	1
55	77033055000	DRIVING HUB ´05	1
56	50333056000	SPRING 1,4MM '98	1
69	50333069000	STOP MET.SHEET 4MM 125/200'98	1
70	77033070044	KICKSTARTER CPL. 07	1
71	0760172870	SHAFT SEAL RING 17X28X7 B	1
75	54633037000	WASHER 8MM GALVANIZED	1

057703303 / C077703300

* NEW PART

X AS REQUIRED

TRANSMISSION I

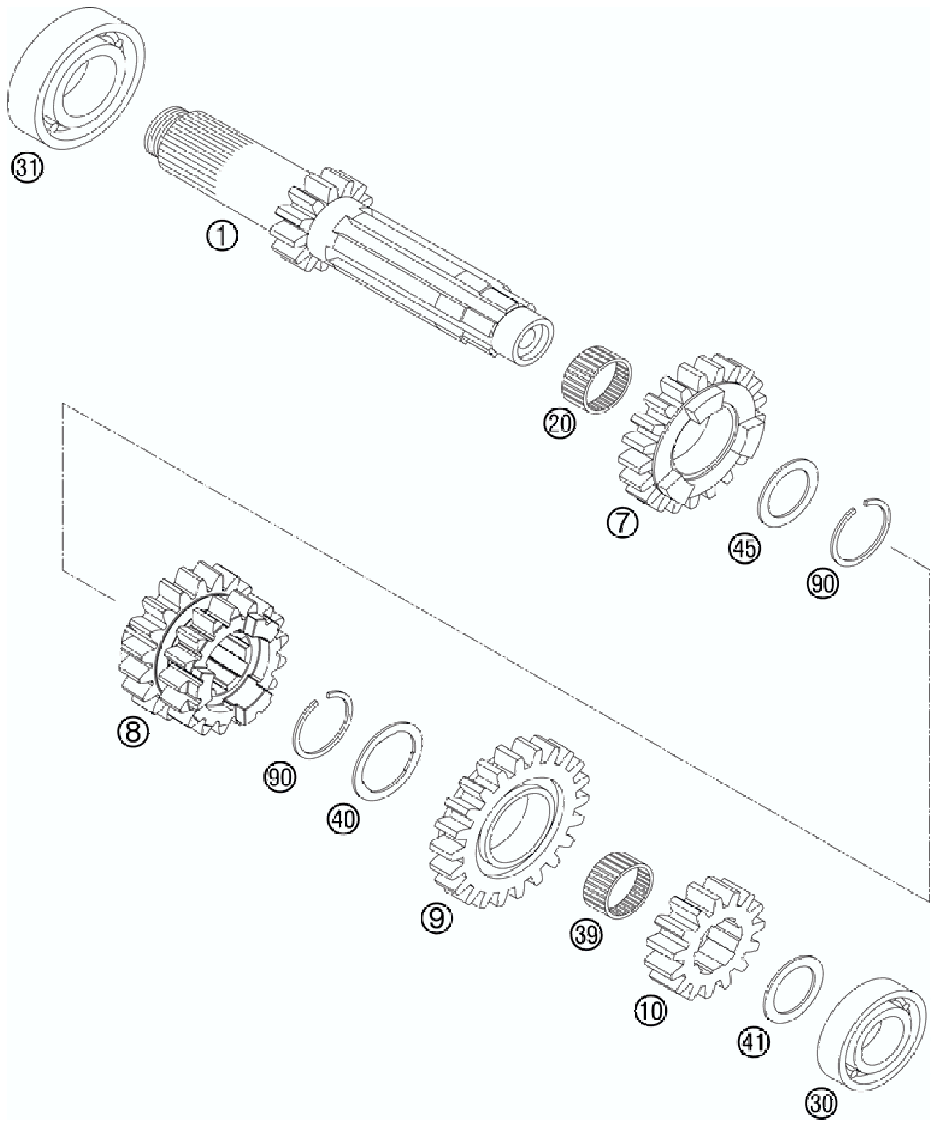

FIG	PART NUMBER	DESCRIPTION	QTY
1*	77033001100	MAIN SHAFT CPL. T=13 "C13" 05	1
7*	77033005100	IDLER G.5TH G.21-T "5C21" 06	1
8*	77033003100	SLIDING GEAR 3/4. GEAR 17/19-T	1
9*	77033006100	IDLER G.6TH G.22-T "6C22" 06	1
10*	77033002100	SOLID GEAR 2ND G.15-T"2C15" 05	1
20	0405222611	NEEDLE BEAR.K 22X26X10 DIVIDED	1
30	0625160030	GROOVED BALL BEARING 16003 C3	1
31	0625060042	BALL BEARING 6004 TN9 C4	1
39	50133099000	NEEDLE CAGE K18X22X10 PARTED	1
40	77033021000	STOP DISC 05	1
41	50333030000	STOP DISK 17,2X24X1	1
45	77033020000	STOP GEAR 22X28.5X1 05	1
90	50133090000	LOCK RING 22X1,2	2

05770331 / C077703304

* NEW PART

X AS REQUIRED

TRANSMISSION II

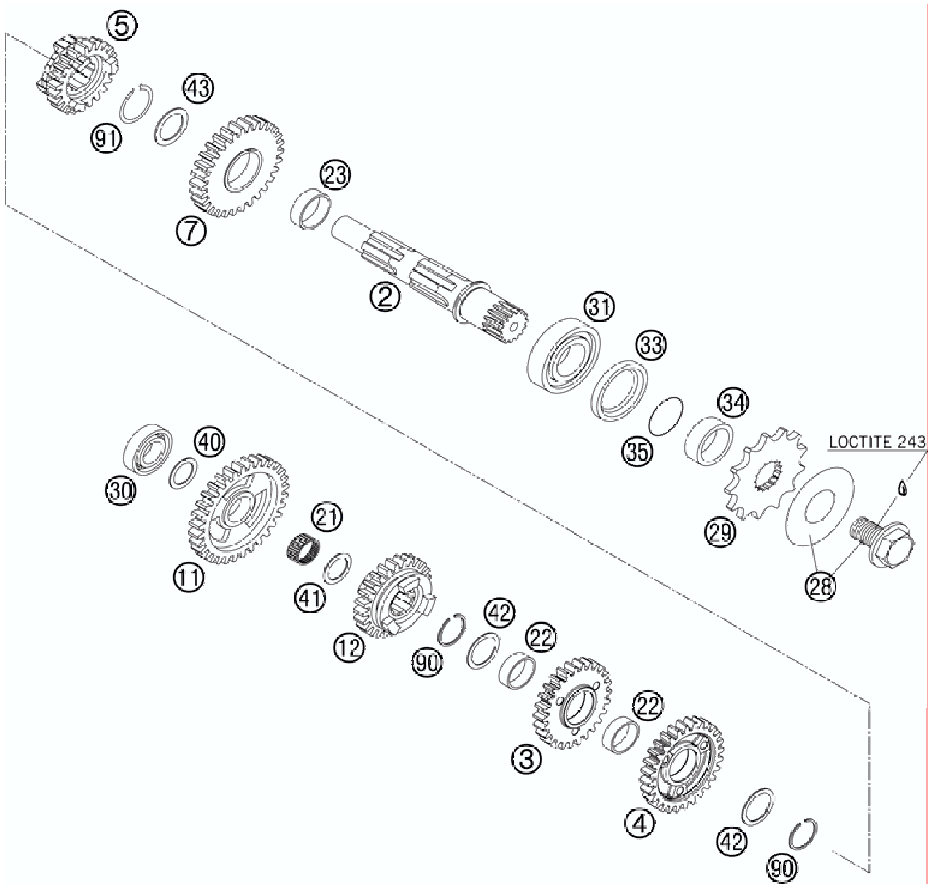

FIG	PART NUMBER	DESCRIPTION	QTY
2	77033010000	COUNTER SHAFT 05	1
3*	77033014100	IDLER G. 4TH G.26-T "4C26" 06	1
4*	77033013100	IDLER G. 3RD G.28-T 06	1
5*	77033016100	SLIDING G. 6TH G.24-T"6C24" 06	1
7*	77033012100	IDLER G. 2ND G. 30-T "2C30" 06	1
11*	77033011100	IDLER G. 1ST G. 32-T "1C32" 06	1
12*	77033015100	SLIDING G. 5TH G.25-T "5C25"06	1
21	50033098000	NEEDLE BEARING K20X24X10	1
22	0405222611	NEEDLE BEAR.K 22X26X10 DIVIDED	2
23	50333023000	IDLER GEAR BUSHING 25X28X9,7 D	1
28	59033034044	SCREW+SPRING WASHER	1
29	50033029013	SPROCKET 13-T	x
29	50033029014	SPROCKET 14-T	x
29	50033029015	SPROCKET 15-T	x
30	0625060031	BALL BEARING 6003 TN9 C4	1
31	0625062054	BALL BEARING 6205 C3 NTN	1
33	0760324571	SHAFT SEAL RING 32X45X7 BSLNBR	1
34	54633014100	SPACER BUSHING 12MM	1
35	0770020220	O-RING 25,12X1,78 NBR70	1
40	56033030000	STOP DISC 17,2X30X1	1
41	59033080000	SHIM 20X32X1	1
42	50333043000	STOP DISC 25,2X32X1	2
43	0988253510	THRUST WASH. DIN0988-25X35X1,0	1
90*	77033022000	AXIAL-CIRCLIP 25X1,65	2
91	0471250120	CIRCLIP DIN0471-25X1,2	1

05770332 / C077703305

* NEW PART

X AS REQUIRED

SHIFTING MECHANISM

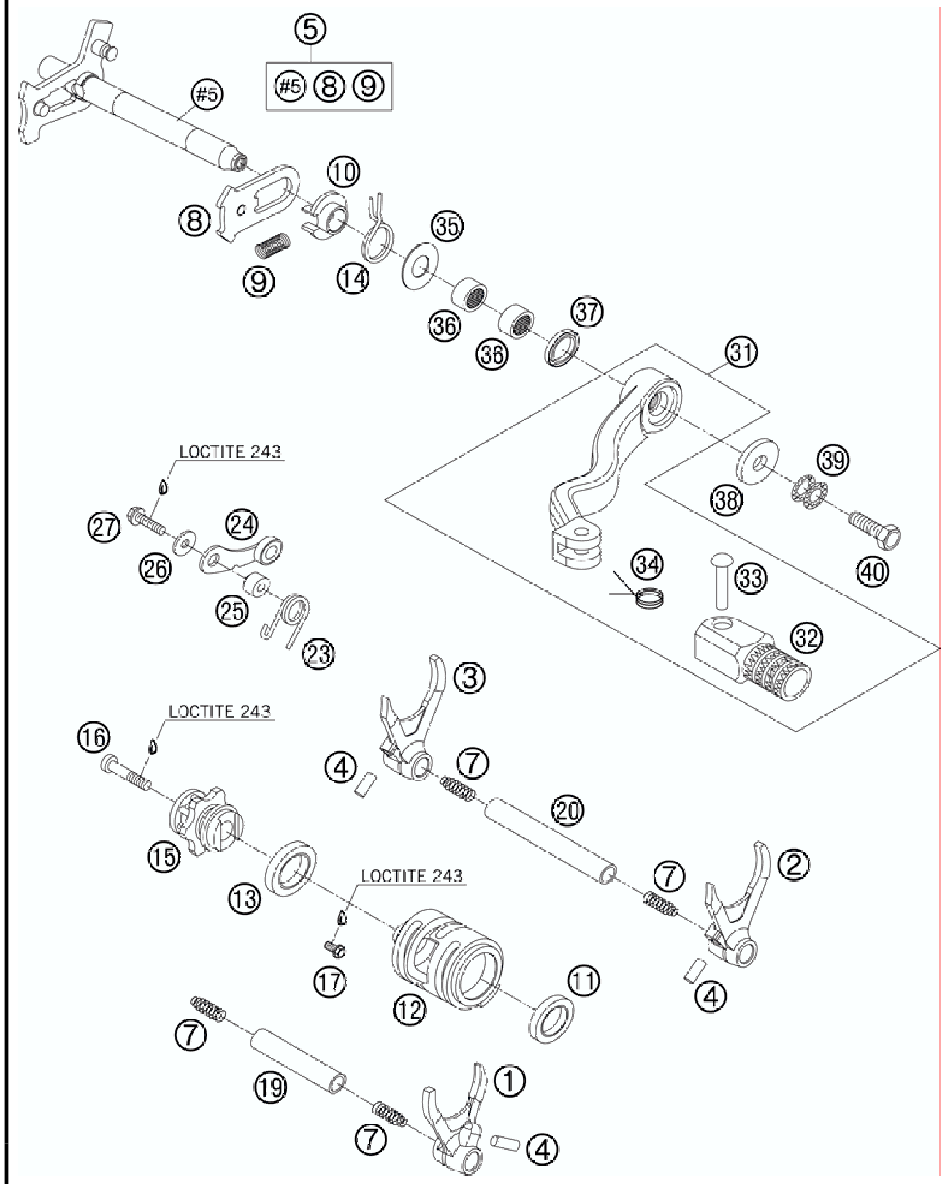

FIG	PART NUMBER	DESCRIPTION	QTY
1	77034001000	SHIFTING FORK 5TH/6TH GEAR 05	1
2	77034002000	SHIFTING FORK 2ND/3RD GEAR 05	1
3	77034003000	SHIFTING FORK 1ST/4TH GEAR 05	1
4	0402061480	NEEDLE ROLLER DIN5402 6X14,8	3
5	77034005044	SHIFTING SHAFT CPL. 05	1
7	58038023200	PRESSURE SPRING 0,9MM	4
8	54634008044	SLIDING PLATE CPL.	1
9	56534013100	TENSIONING SPRING 0,8MM	1
10	54634020000	SPRING GUIDE	1
11	0625069034	BALL BEARING 6903 C4	1
12	77034012000	SHIFT ROLLER 05	1
13	0625618050	BALL BEARING 61805 C3	1
14	54634014100	RETURN SPRING 2,2MM '95	1
15	77034015044	SHIFT LOCATING DRUM CPL. 05	1
16	0984060302	AH SCREW DIN6912 M 6X30	1
17	0015060083	HH COLLAR SCREW M 6X8 WS=8	1
19	54834019000	SHIFT. RAIL MAIN SHAFT 250/300	1
20	77034019000	SHIFTING MAIN L=93MM 05	1
23	60034023000	ARRESTING LEVER SPRING 03	1
24	54634024144	LOCKING LEVER CPL '96	1
25	54634052300	SLEEVE FOR LOCKING LEVER	1
26	0349000050	WASHER DIN7349-5X15X2	1
27	0015050203	HH COLLAR SCREW M 5X20 WS=8	1
31	54834031000	SHIFT LEVER CPL. 250/300 05	1
32	54634131000	STEP PLATE FOR SHIFT LEVER 250	1
33	54634031050	BOLT 6X25 FOR SHIFT LEVER	1
34	54634032100	SHIFTING LEVER SPRING 250	1
35	54634050000	STOP DISK 14X30X1	1
36	54632095000	NEEDLE BEAR.HK 1412 14X20X12	2
37	0760142460	SHAFT SEAL RING 14X24X6 B	1
38	50232050001	STEEL WASHER 6,4X17X3	1
39	50233041000	PAIR OF WASHERS M 6 NORDLOCK	1
40	59009062016	SPECIAL SCREW M6X16 WS=8 10.9	1

077703401 / C077703401

* NEW PART

X AS REQUIRED

COOLONG SYSTEM

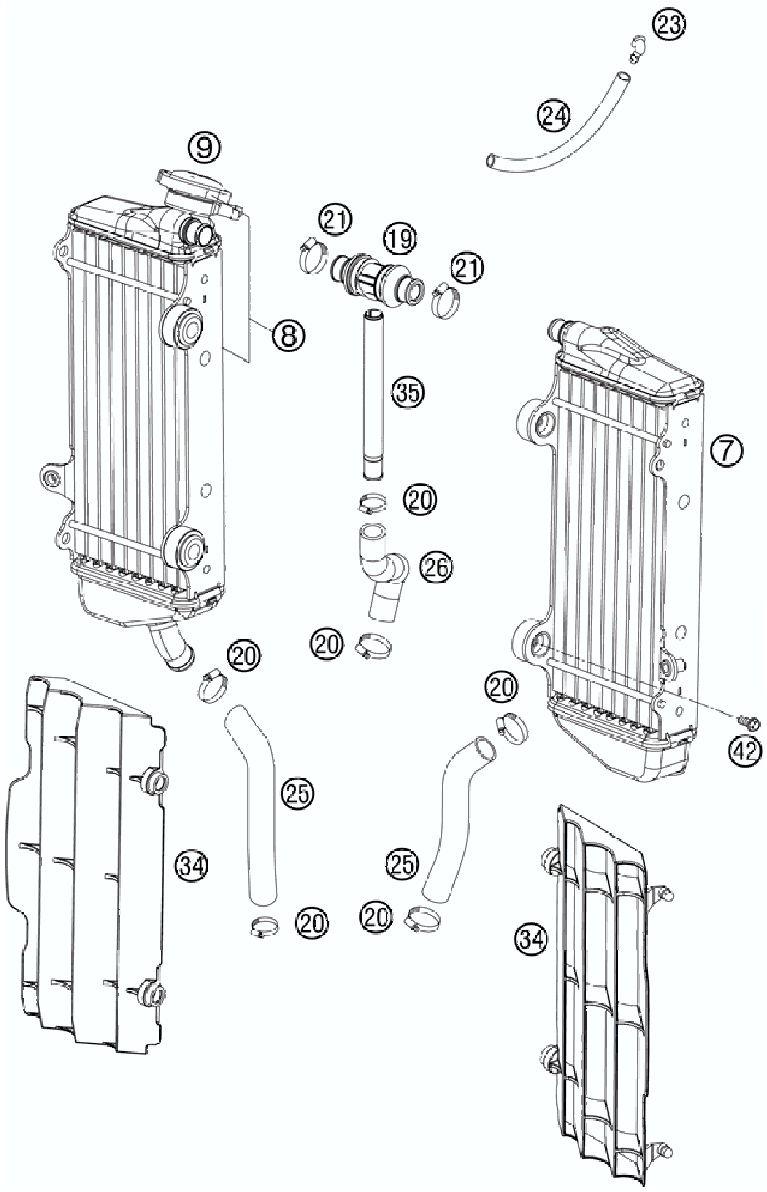

FIG	PART NUMBER	DESCRIPTION	QTY
7*	77035007100	RADIATOR L/S 250 SX-F 07	1
8*	77335008000	RADIATOR R/S "45518U" 07	1
9	58035016000	RADIATOR CAP SMALL 20,3 PSI	1
19*	77335026000	T-CONNECTOR CPL. ´07	1
20	10001020000	HOSE CLAMP GEMI 16-27	6
21*	42013037200	HOSE CLAMP GEMI 12/22	2
23	50303089000	ANGEL PIECE '97	1
24	31007107001	PVC-HOSE 6X9 MM PER METER	x
25	77035025000	RADIATOR HOSE L/S 250SXF 05	2
26*	77335024000	HOSE ENGINE-RADIATOR 07	1
34*	77335034000	RADIATOR PROT. L/S+R/S 2007	1
35*	77335073000	HOSE CONNECTOR 4 STROKE 07	1
42	0015060123	HH COLLAR SCREW M 6X12 WS=8	4

077703501 / C077703501

* NEW PART

X AS REQUIRED

VALVE DRIVE

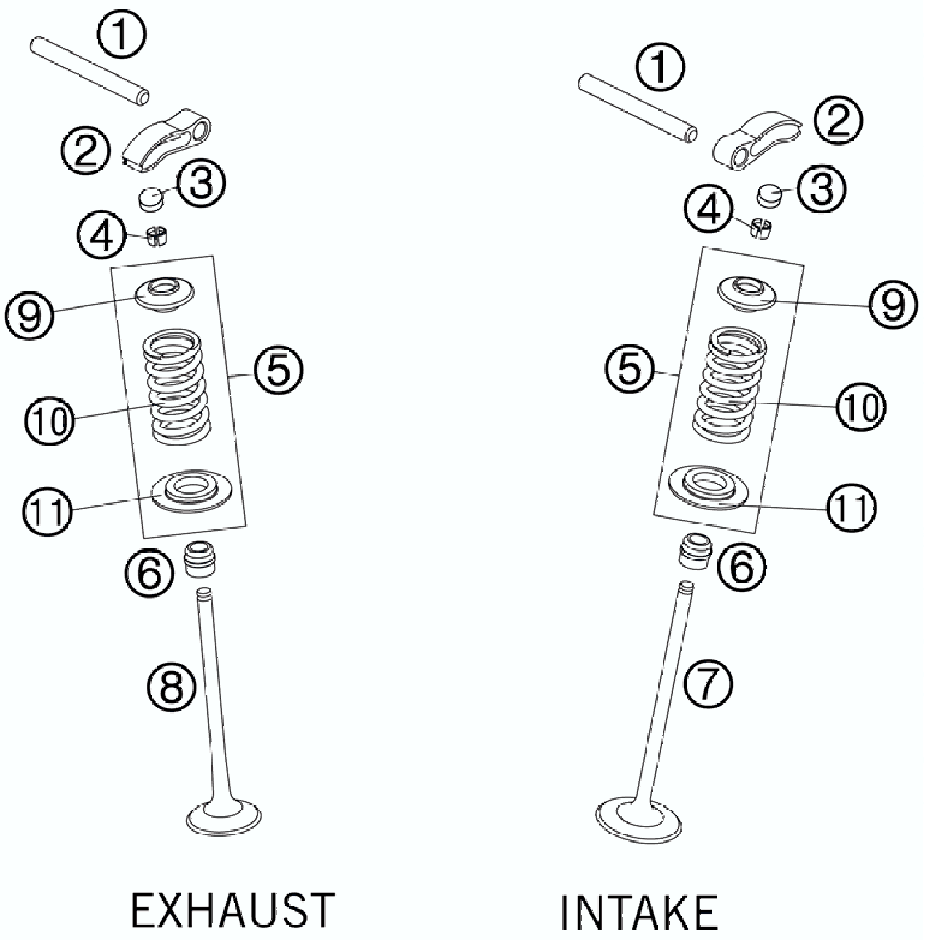

FIG	PART NUMBER	DESCRIPTION	QTY
1	77036056000	VALVE LEVER SHAFT 05	2
2	77036060000	VALVE LEVER 05	4
3	77036035172	SHIM D=8,9/1,72	x
3	77036035176	SHIM D=8,9/1,76	x
3	77036035180	SHIM D=8,9/1,80	x
3	77036035184	SHIM D=8,9/1,84	x
3	77036035188	SHIM D=8,9/1,88	x
3	77036035192	SHIM D=8,9/1,92	x
3	77036035196	SHIM D=8,9/1,96	x
3	77036035200	SHIM D=8,9/2,00	x
3	77036035204	SHIM D=8,9/2,04	x
3	77036035208	SHIM D=8,9/2,08	x
3	77036035212	SHIM D=8,9/2,12	x
3	77036035216	SHIM D=8,9/2,16	x
3	77036035220	SHIM D=8,9/2,20	x
3	77036035224	SHIM D=8,9/2,24	x
3	77036035228	SHIM D=8,9/2,28	x
3	77036035232	SHIM D=8,9/2,32	x
3	77036035236	SHIM D=8,9/2,36	x
3	77036035240	SHIM D=8,9/2,40	x
3	77036035244	SHIM D=8,9/2,44	x
3	77036035248	SHIM D=8,9/2,48	x
3	77036035252	SHIM D=8,9/2,52	x
3	77036035256	SHIM D=8,9/2,56	x
3	77036035260	SHIM D=8,9/2,60	x
4	77036033000	VALVE COLLET 05	8
5	77036028044	VALVE SPRING KIT 05	4
6	77036027000	VALVE-STEM SEALING 05	4
7	77036030000	INTAKE VALVE TITAN 05	2
8	77036031000	EXHAUST VALVE TITAN 05	2
9	77036032000	VALVE SPRING RETAINER 05	x
10	77036028000	VALVE SPRING INSIDE 05	x
11	77036036000	VALVE SPRING HOLDER 05	x

057703604 / C057703604

* NEW PART

X AS REQUIRED

CYLINDER HEAD

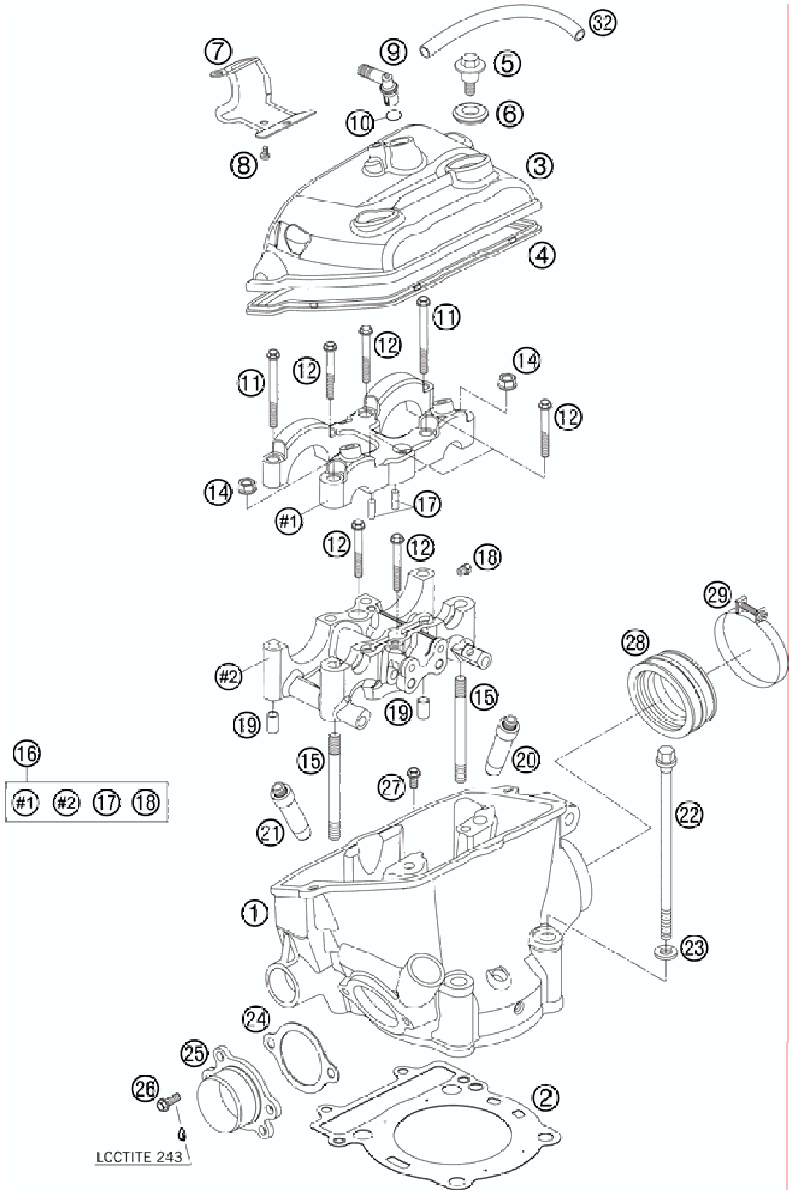

FIG	PART NUMBER	DESCRIPTION	QTY
1*	77036020144	CYLINDER HEAD CPL.	1
2	77030036000	CYLINDER HEAD GASKET 05	1
3*	77036052100	VALVE COVER 06	1
4	77036053000	VALVE COVER GASKET 05	1
5	77036055000	VALVE COVER SCR. M6X12 WS10 05	3
6	77036054050	RUBBER GASKET FOR SCREW 05	3
7	77036052050	COVER PLATE BREATHER 05	1
8	0009050103	SPECIAL SCREW M 5,0X10	2
9	60038082000	ANGLE CONNECTOR LC8 03	1
10	0770080020	O-RING 8X2 SILICONE	1
11	77036081000	SPECIAL SCREW M7X73 WS 10	2
12	77036080000	SPECIAL SCREW M7X40 WS10	6
14	77036024000	COLLAR NUT 7X1 05	2
15	77036023000	STUD 7X1 05	2
16	77036020150	BUSH SUPPORT A.BRIDGE CPL '05	1
17	0402050980	NEEDLE ROLLER DIN5402 5X9,8	2
18	60030063050	OIL JET 50 05	4
19	77036090000	DOWEL(BUSH BRIDGE)7/9/8 05	2
20*	77036025101	VALVE GUIDE INTAKE	2
21	77036026001	VALVE GUIDE OUTLET	2
22	77036079000	CYLINDER HEAD SCREW 05	4
23	59036090000	WASHER 10,8X18,8X1,5	4
24	77036041000	GASKET EXHAUST FLANGE 06	1
25	77036039000	EXHAUST FLANGE CPL. 05	1
26	0015060203	HH COLLAR SCREW M 6X20 WS=8	2
27	0015060253	HH COLLAR SCREW M 6X25 WS=8	2
28	77036044000	INTAKE BOOT 06	1
29	59030061000	CLAMP D=56MM B=9MM M4X25	1
32	59031050100	ENGINE BREATHER TUBE 00	1

057703603 / C077703603

* NEW PART

X AS REQUIRED

TIMING VALVE

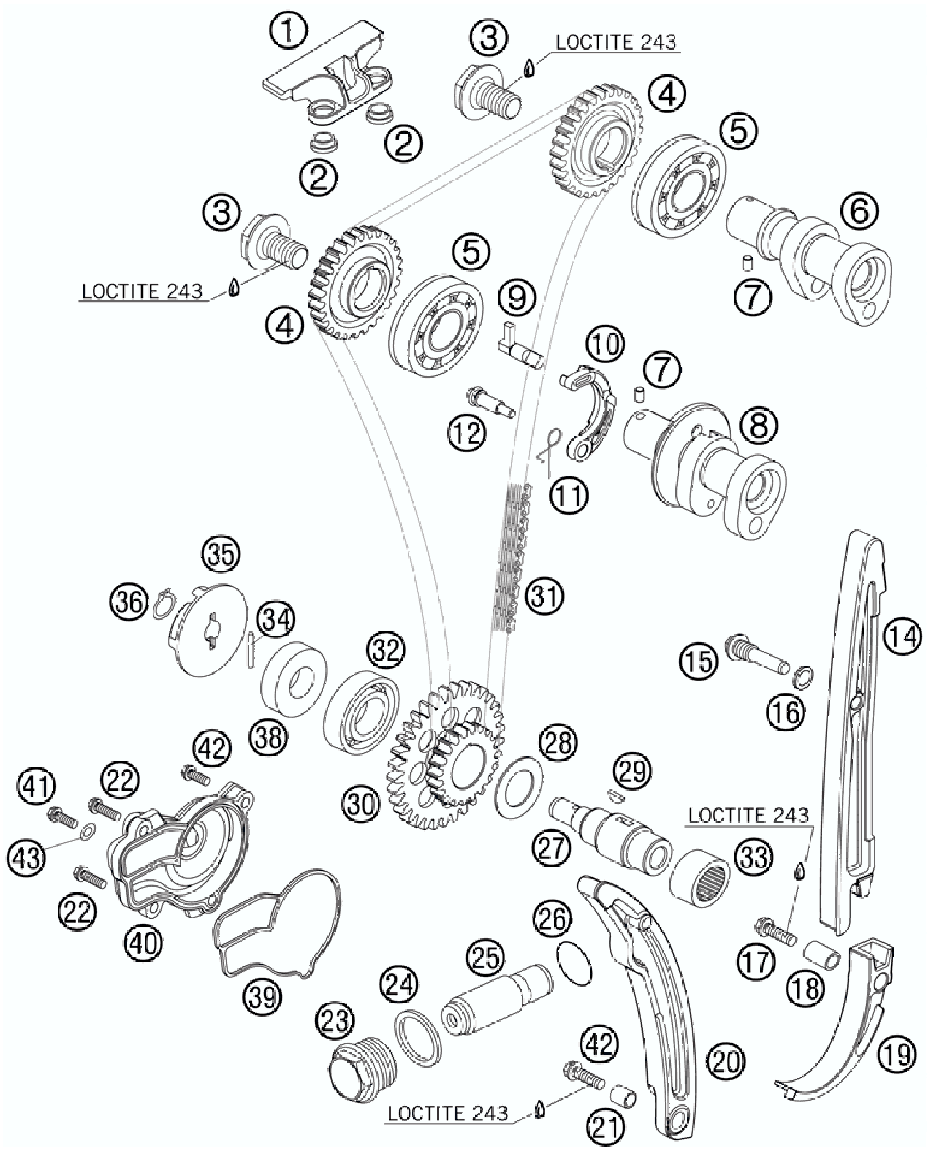

FIG	PART NUMBER	DESCRIPTION	QTY
1	77036004000	TIMING CHAIN GUIDE TOP 05	1
2	77036004050	SPACER BUSHING GUIDE RAIL ´05	2
3	77036012000	CAMSHAFT GEAR SCREW 05	2
4	77036011100	CAMSHAFT GEAR 05	2
5	0625060043	BALL BEARING 6004 NR C3 ´05	2
6*	77036009100	CAMSHAFT INTAKE 2006	1
7	0402040600	NEEDLE ROOLER DIN5402 NRB 4X6	2
8*	77036010100	CAMSHAFT EXHAUST 2006	1
9	77036015000	AUTO DECOMPRESSION 05	1
10	77036016000	AUTO DECO WEIGHT 05	1
11	77036017000	SPRING FOR AUTO DECOMPR. 05	1
12	77036019000	BUSHING SCREW AUTODEC. M5X0,8	1
14	77036001000	TIMING CHAIN GUIDE 05	1
15	77036001060	BUSHING SCREW 06	1
16	0603082121	SEAL RING CU DIN7603- 8X12X1	1
17	0015060253	HH COLLAR SCREW M 6X25 WS=8	1
18	59036001050	SPACER BUSHING 6,1X8,2X13,1	1
19	77036005000	SECURING PROTECTION ´05	1
20	77036002000	TIMING CHAIN TENSIONER ´05	1
21	77036001050	SPACER BUSHING 6.1X8.2X9.1 05	1
22	0015060403	HH COLLAR SCREW M 6X40 WS=8	2
23	77036008000	CHAIN ADJUSTER HOLDING BOLT	1
24	0603242920	CU SEAL-RING DIN7603 A24X29X2	1
25	77036003000	CHAIN ADJUSTER HYD. 05	1
26	0770180020	O-RING	1
27	77036072000	TIMING VALVE JACKSHAFT 05	1
28	77036073000	STOP DISK 18,2X30X1 05	1
29	0888030037	WOODRUFF KEY DIN6888-3X3,7	1
30	77036076100	TIMING VALVE TWIN WHEEL 05	1
31	77036013000	TIMING CHAIN IWIS 108 ROLLS	1
32	0625062035	BALL BEARING 6203 JR2 C3	1
33	0618182412	NEEDLE BEAR.HK1812 18/24/12 05	1
34	0402031780	NEEDLE ROL.DIN5402 NRB 3X17,8	1
35	77035055000	WATER PUMP ROTOR 05	1
36	0471100010	CIRCLIP DIN0471-10X1	1
38	0760123072	SHAFT SEAL RING 12X30X7 VITON	1

057703605 / C077703604

* NEW PART

X AS REQUIRED

TIMING VALVE

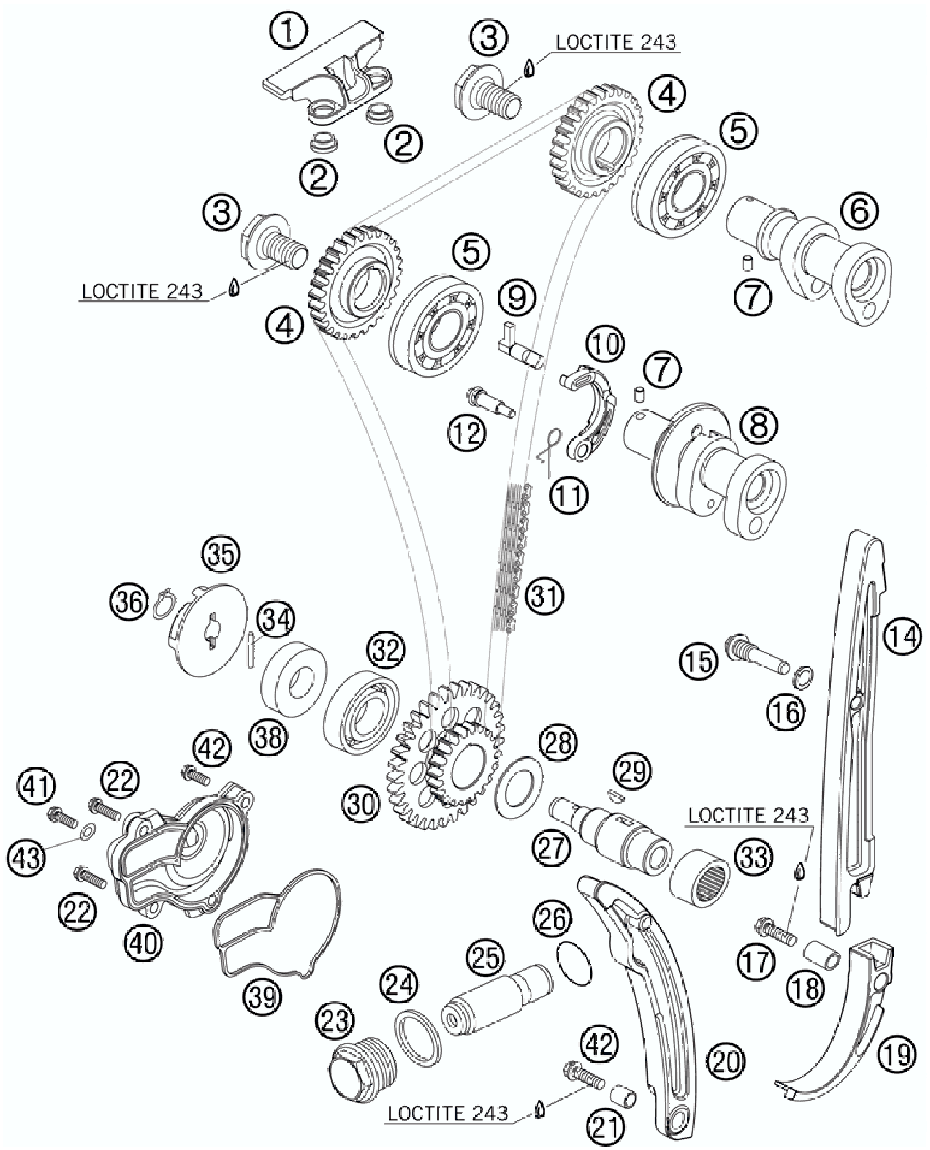

FIG	PART NUMBER	DESCRIPTION	QTY
39	77035053000	MOLDED RING WATER PUMP 05	1
40	77035052000	WATER PUMP COVER 05	1
41	0015060303	HH COLLAR SCREW M 6X30 WS=8	1
42	0015060203	HH COLLAR SCREW M 6X20 WS=8	2
43	0603061001	CU-SEAL RING DIN7603-6X10X1	1

057703605 / C077703604

* NEW PART

X AS REQUIRED

LUBRICATING SYSTEM

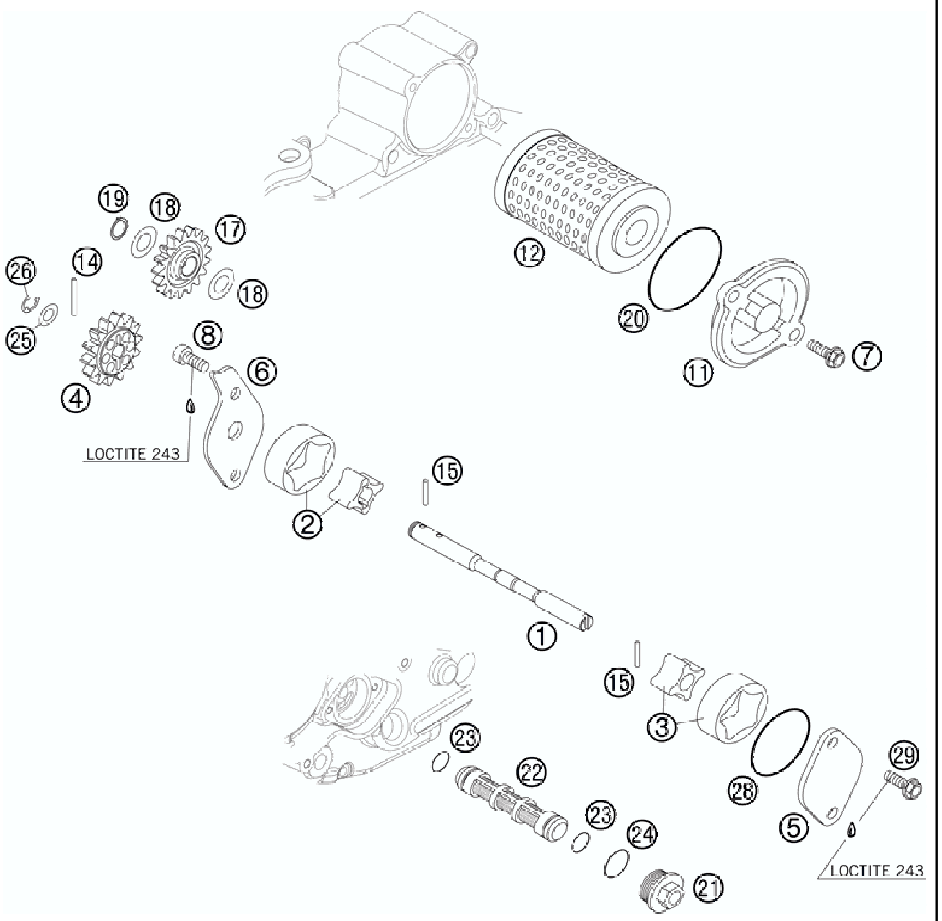

FIG	PART NUMBER	DESCRIPTION	QTY
1*	77038102000	OIL PUMP SHAFT EXC-F	1
2	59038011010	OILPUMP ROTOR CPL. 10MM G-73R	1
3	77038011000	OILPUMP ROTOR 15MM G-164	1
4	77038001000	OIL PUMP GEAR 14T 05	1
5	77038004000	OIL PUMP COVER L/S 05	1
6	77038003100	OIL PUMP COVER R/S 05	1
7	0015050163	HH COLLAR SCREW M 5X16 WS=8	2
8	0984050122	AH SCREW DIN6912-M 5X12	2
11	59038041000	OIL FILTER COVER RACING	1
12	77038005000	OIL FILTER 06	1
14	0402251980	NEEDLEROL.DIN5402 NRA 2,5X19,8	1
15	0402251180	NEEDLE ROLLER DIN5402 2,5X11,8	2
17	77038006000	OILPUMP IDLER GEAR 17T. 05	1
18	0988121805	SHIM WASHER DIN0988-12X18X0,50	4
19	0471120010	CIRCLIP DIN0471-12X1	1
20	0770400025	O-RING 40,00X2,50 NBR 70	1
21	59038017000	PLUG M20X1,5 WS=13	1
22	59038016000	OIL SCREEN 15X83MM	1
23	0770125015	O-RING 12,5X1,5 NBR	2
24	0770020170	O-RING 17,17X1,78 GLO	1
25	58038007755	STOP DISK 8,1 X 15 X 0,5	1
26	0799060000	TAB WASHER DIN6799-RS 6,0	1
28	0770320020	O-RING 32,00X2,00	1
29	0015050123	HH COLLAR SCREW M 5X12 WS=8	2

077703801 / C077703801

* NEW PART

X AS REQUIRED

IGNITION SYSTEM

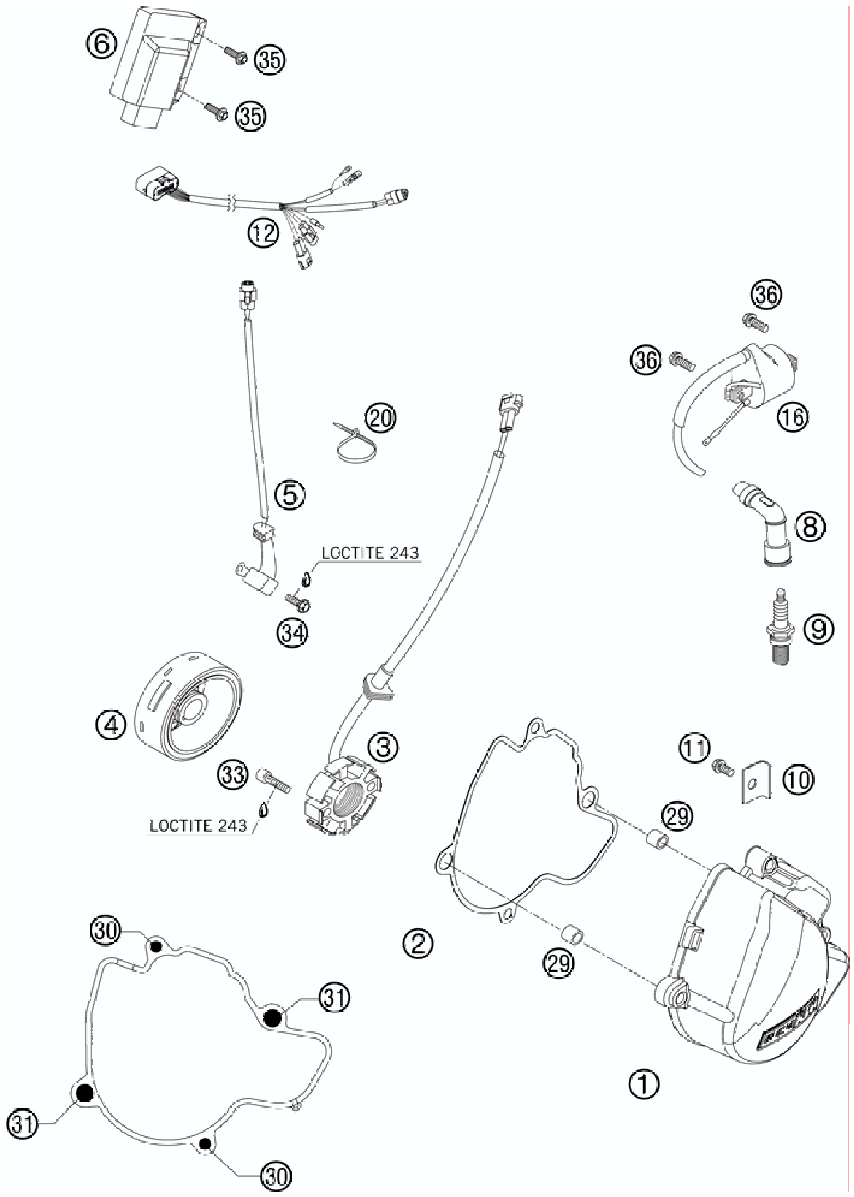

FIG	PART NUMBER	DESCRIPTION	QTY
1*	77030002100	IGNITION COVER	1
2	77030040000	IGNITION COVER GASKET 05	1
3	77039004000	STATOR 4K3-A 05	1
4	77039005000	FLYWHEEL 05	1
5	59039034000	PULSER COIL KOKUSAN 4K3-A/B	1
6*	77039131200	CDI UNIT 250 SX-F 07	1
8	59039090100	SPARK PLUG CONNECT. VD05EG 03	1
9	77039093000	SPARK PLUG NGK CR9EKB ´05	1
10	77030002050	WIRE RETAINING BRACKET 06	1
11	0015060083	HH COLLAR SCREW M 6X8 WS=8	1
12	59439032100	WIRING HARNESS FOR CDI EXC 04	1
16	59039006000	IGNITIONCOIL KOKUSAN 4K3-A/B	1
20	44011076100	CABLE TIE 100/2,5MM BLACK	x
29	49030090000	DOWEL 9,8 X 7 X 10	2
30	0015060253	HH COLLAR SCREW M 6X25 WS=8	2
31	0015060303	HH COLLAR SCREW M 6X30 WS=8	2
33	0912050253	AH SCREW DIN0912-M 5X25	2
34	0015050163	HH COLLAR SCREW M 5X16 WS=8	2
35	0014060203	HH COLLAR SCREW M 6X20 WS=8	2
36	0015060163	HH COLLAR SCREW M 6X16 WS=8	2

077703901 / C077703901

* NEW PART

X AS REQUIRED

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3CM089308GEN

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