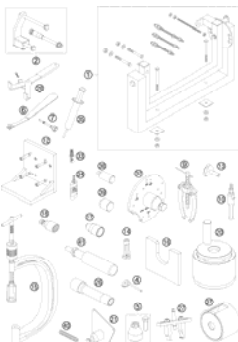
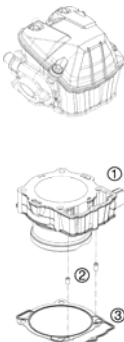
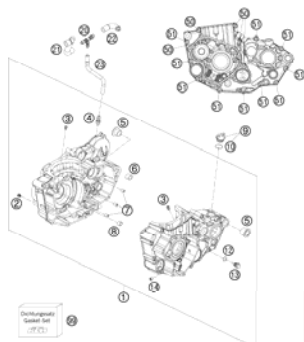
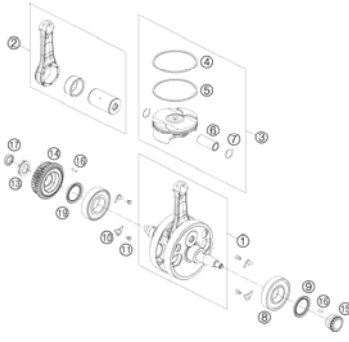
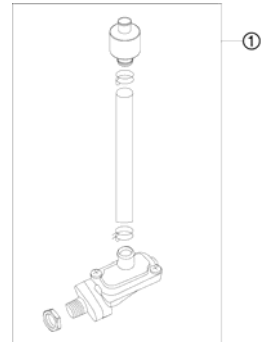
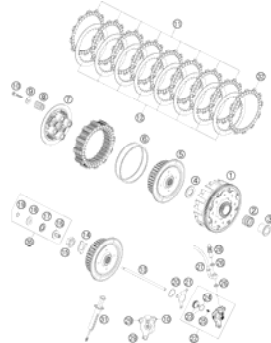
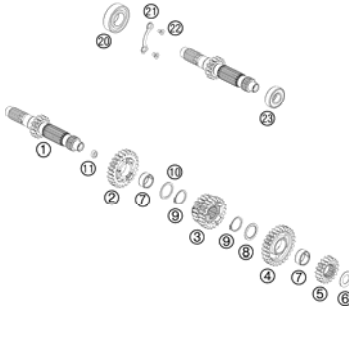
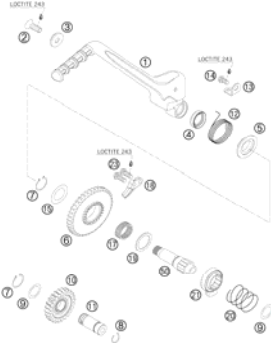


SPARE PARTS MANUAL: ENGINE

ART.NO.: 3CM089520IEN

ENGLISH



SPECIAL TOOLS  3	CYLINDER  4	ENGINE CASE  5	CLUTCH COVER  6
BALANCER SHAFT  7	CRANKSHAFT, PISTON  8	CARBURETOR  9	SECONDARY AIR SYSTEM SAS  12
CLUTCH  13	TRANSMISSION II - COUNTERSHAFT  14	TRANSMISSION I - MAIN SHAFT  15	KICK STARTER  16

SHIFTING MECHANISM



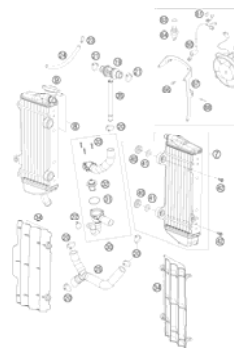
17

WATER PUMP



18

COOLING SYSTEM



19

VALVE DRIVE



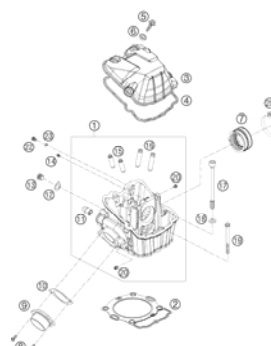
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TIMING DRIVE



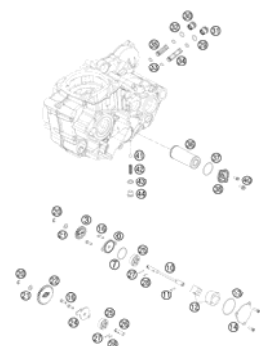
22

CYLINDER HEAD



23

LUBRICATING SYSTEM



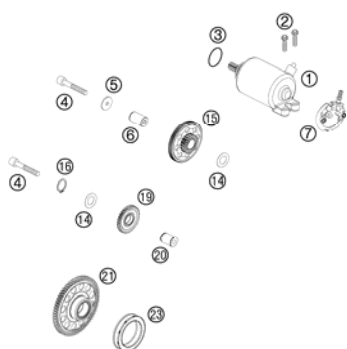
24

IGNITION SYSTEM



25

ELECTRIC STARTER



26



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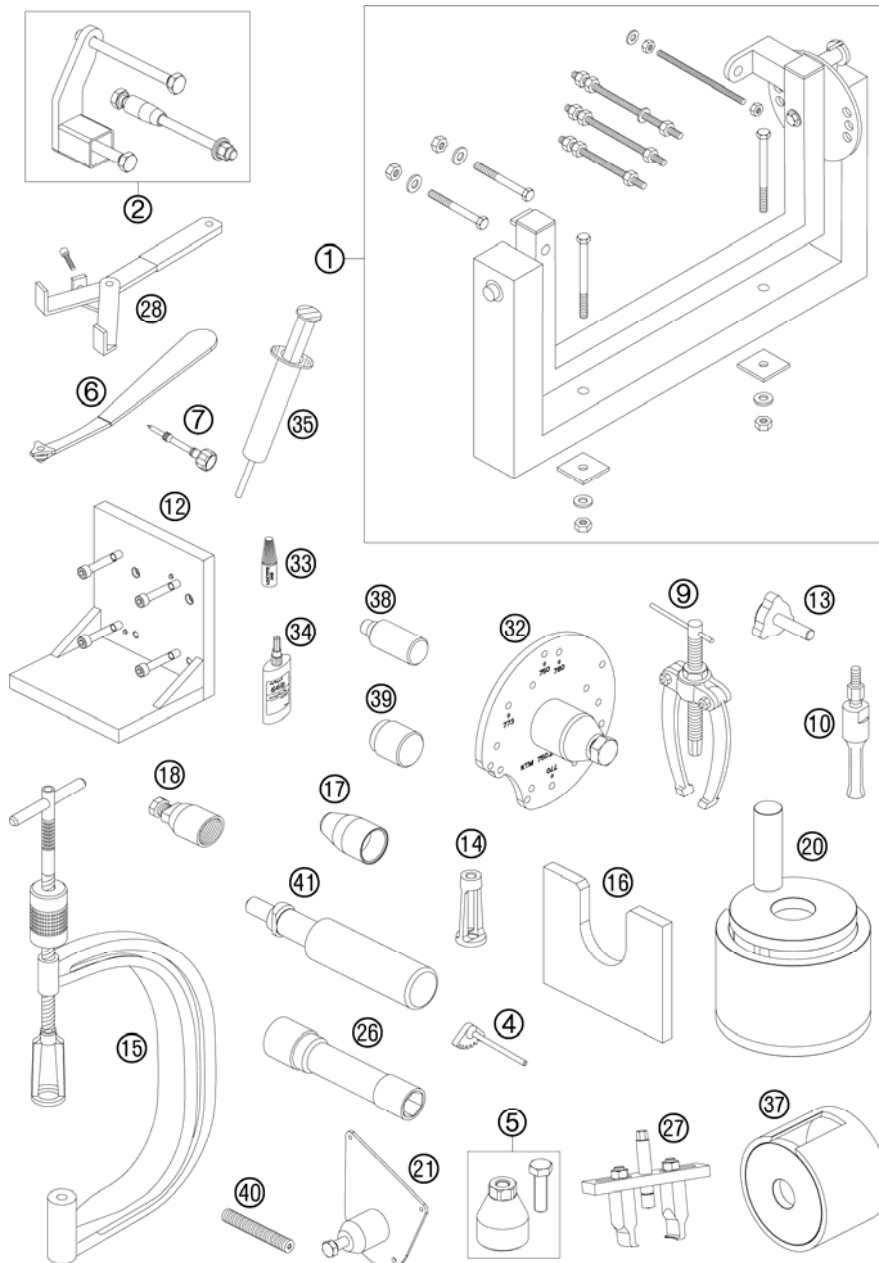


FIG	PART NUMBER	DESCRIPTION	QTY
1	56012001000	ASSY SUPPORT (WITHOUT HOLDER)	1
2	78029002000	SUPPORT CPL.	1
4	80029004000	GEAR SEGMENT CPL. 04	1
5	75029021000	EXTRACTOR PRIM. CPL.	1
6	77329034000	WRENCH F. MIXTURE CONTROL SCREW	1
7	59031017200	MIXT. CONTROL SCREW FACTORY 04	1
9	15112017000	BUSHING EXTRACTOR	1
10	15112018100	INTERN. BEAR. PULLER 18-23 MM	1
10	60029018000	INTERN. BEAR. PULLER 28 MM	1
12	75029050000	ON TENSIONER PL. CYLINDER HEAD	1
13	75029051000	PRESS OUT PUNCH CPL.	1
14	78029060000	VALVE SPRING TENSION APPLICAT.	1
15	59029019000	VALVE SPRING LEVER	1
16	78029009000	SEPARATOR PLATE CRANKSHAFT	1
17	78029005000	MOUNTING SLEEVE SSR CS	1
18	58012009000	FLYWHEEL EXTRACTOR	1
20	75029047000	PRESS. TOOL F. CRANKS. CPL.	1
21	78029049100	PRESS OUT PLATE CS CPL.	1
26	75029172000	SPARK PLUG WRENCH	1
27	78029033100	PULLER	1
28	51129003000	CLUTCH HOLDER	1
32	75029048000	CASING DISMOUNTING TOOL 07	1
33	6899785	LOCTITE 243 BLUE 6CCM	x
34	58429059000	LOCTITE 648 GREEN 24ML	x
35	58429059200	LOCTITE 5910 50ML	x
37	78029008000	PRESS. TOOL F. CRANKSHAFT	1
38	75029044020	PRESS PUNCH CAMSHAFT BEAR. SM.	1
39	75029044010	PRESS PUNCH CAMSH. BEAR. LARGE	1
40	0113080802	ENGINE BLOCKING SCREW	1
41	77329030100	PLUG IN FUSE PISTON PIN	1

097802910 / C097802910

* NEW PART

X AS REQUIRED

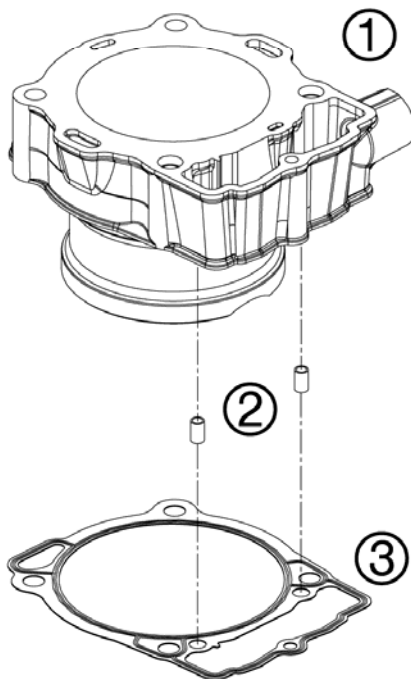
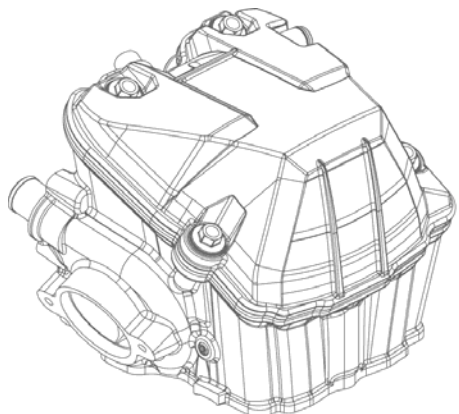


FIG	PART NUMBER	DESCRIPTION	QTY
1	78030005000	CYLINDER	1
2	59030023000	DOWEL 6X8X11,5	2
3	78030035000	CYLINDER BASE GASKET	1

087803040 / C087803040

* NEW PART

X AS REQUIRED

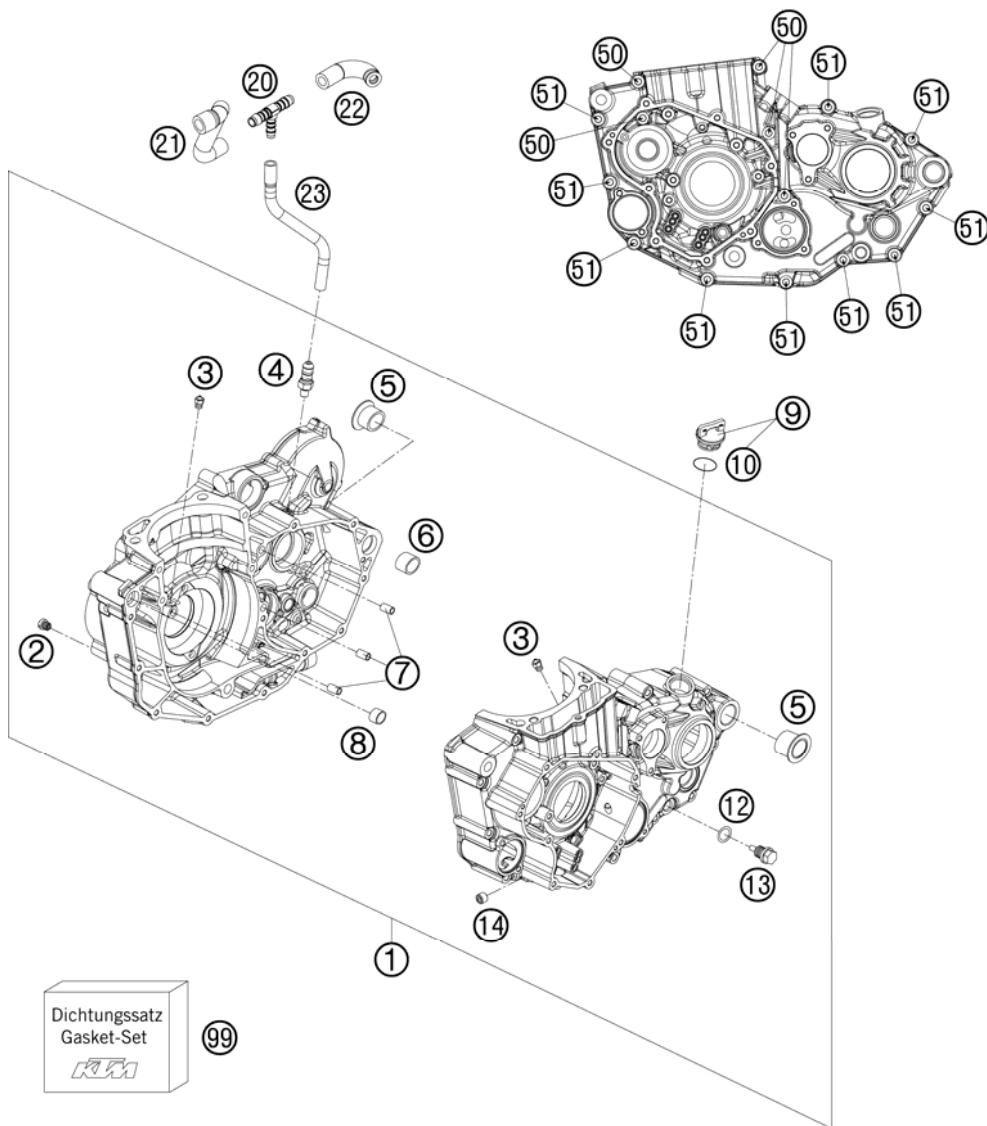


FIG	PART NUMBER	DESCRIPTION	QTY
1*	78030000144	ENGINE CASE CPL.W. BEARINGS 09	1
2*	57031523125	MAIN JET 125	2
3	60030063070	OIL JET 70 M5	2
4	58336020290	VACUUM CONNECTION M6X1 ALU AH	1
5	75030010000	CASE BUSH	2
6	54830027000	DOWEL 21X12 03	1
7	59030023000	DOWEL 6X8X11,5	3
8	51030026100	DOWEL 17 X 13 X 12	1
9	58030020100	PLUG CPL. M24X3	1
10	0770191015	O-RING 19,00X3,00 NBR	1
12	58038022000	CU-SEAL RING DIN7603-12X18X1,5	1
13	58030021000	OILDRAIN PLUG W.MAG. M 12X1,5	1
14	0906100100	PLUG DIN0906-M10X1	1
20	78030071000	T-PIECE 10/10/8MMM	1
21	78030087010	ENGINE BREATH HOSE EXC 08	1
22	78030087000	CARBURETOR BREATH HOSE EXC 08	1
23	78030087020	ENGINE CASE BREATH HOSE EXC 08	1
50	0025060756	HH COLLAR SCREW M6X75 TX30	5
51	0025060606	HH COLLAR SCREW M6X60 TX30	10
99	78030099000	GASKET SET 450/530 EXC 08	1

087803010 / C097803010

* NEW PART

X AS REQUIRED

CLUTCH COVER

450 EXC 2009

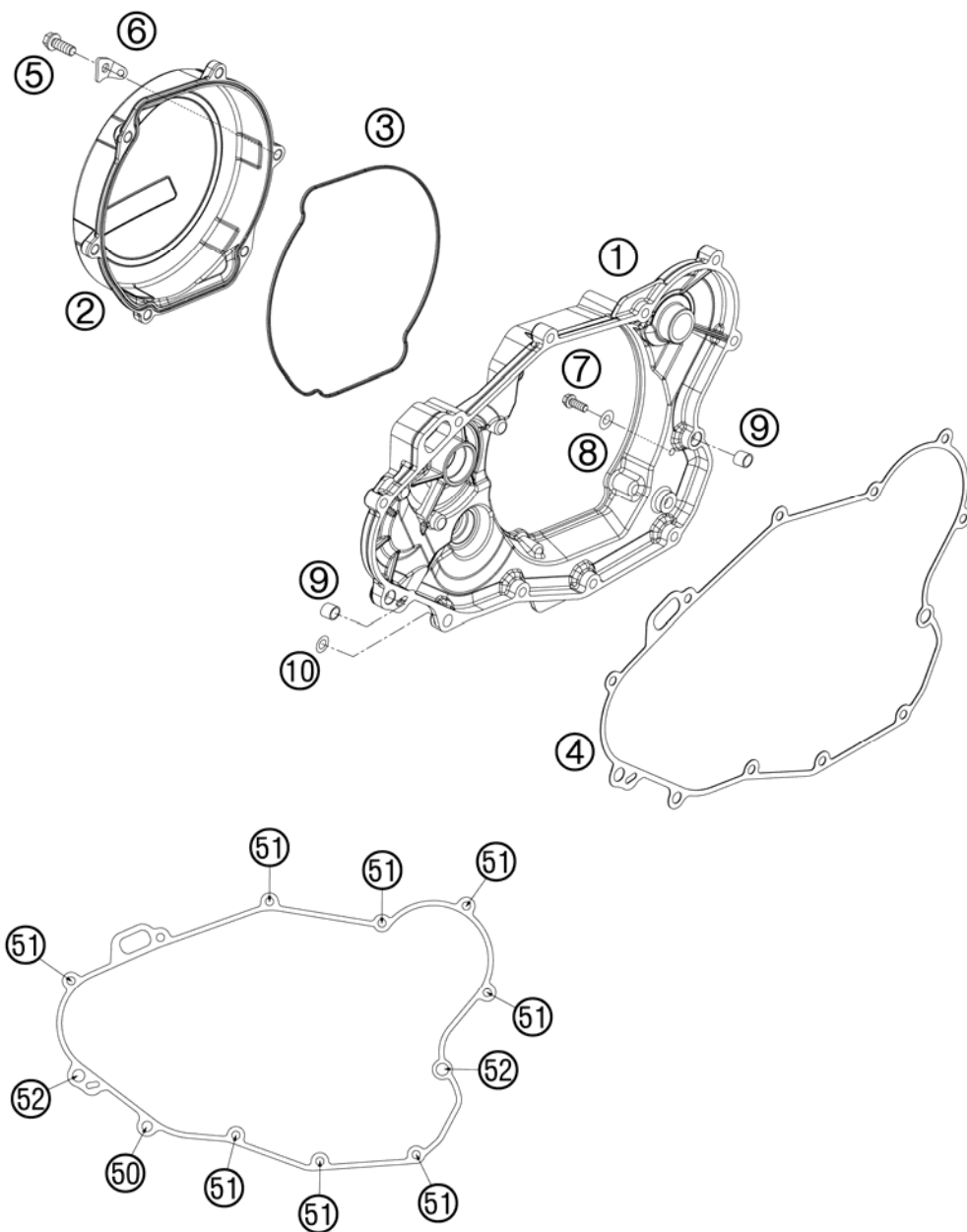


FIG	PART NUMBER	DESCRIPTION	QTY
1*	7803000104415	CLUTCH COVER GREY CPL. 09	1
2*	7803002610015	OUTER CLUTCH COVER	1
3	78030027000	GASKET OUTER CLUTCH COVER	1
4	78030025000	CLUTCH COVER GASKET 08	1
5	0025060206	HH COLLAR SCREW M6X20 TX30	6
6	78030028000	SPRING HANGER	1
7	0025060086	HH COLLAR SCREW M6X8 TX30	1
8	0603061001	CU-SEAL RING DIN7603-6X10X1	1
9	49030090000	DOWEL 9,8 X 7 X 10	2
10	58030081000	CU-SEAL RING 8 X 14 X 3	1
50	78030080000	LOCATING SCREW	1
51	0025060256	HH COLLAR SCREW M6X25 TX30	8
52	0025060306	HH COLLAR SCREW M6X30 TX30	2

087803020 / C097803020

* NEW PART

X AS REQUIRED

BALANCER SHAFT

450 EXC 2009

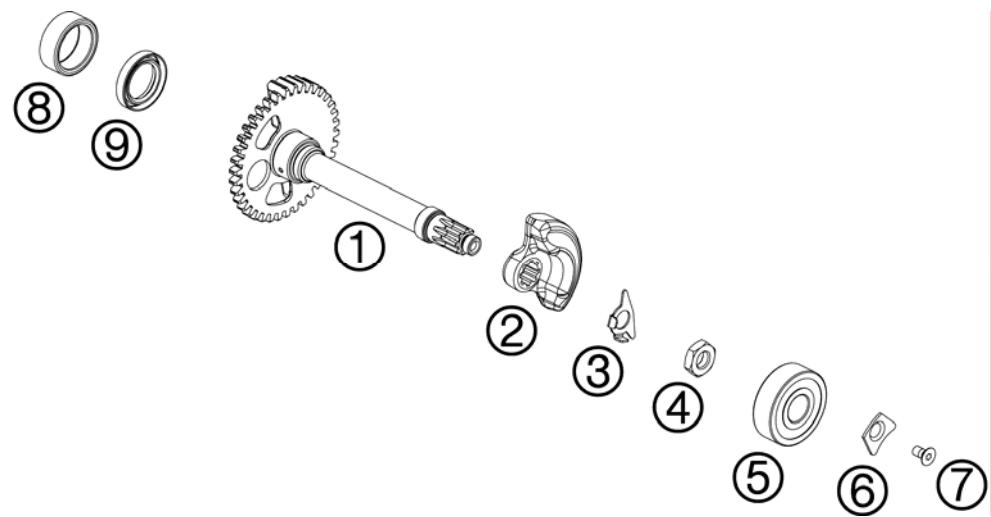


FIG	PART NUMBER	DESCRIPTION	QTY
1*	78030056100	BALANCE SHAFT	1
2	78030057000	BALANCE WEIGHT	1
3	78030068000	TAB WASHER 08	1
4	04391010031	HEXAGON NUT DIN0439-M10X1 A2	1
5	0625063020	BALL BEARING	1
6	78033232000	TAB WASHER	1
7	0019050103	INT. TORX FLAT HEAD M 5X10 8.8	1
8	0617253212	NEEDLE BEARING 25X32X12 HK2512	1
9*	0760203261	SHAFT SEAL RING 20X32X6 RUBBER	1

087803030 / C097803030

* NEW PART

X AS REQUIRED



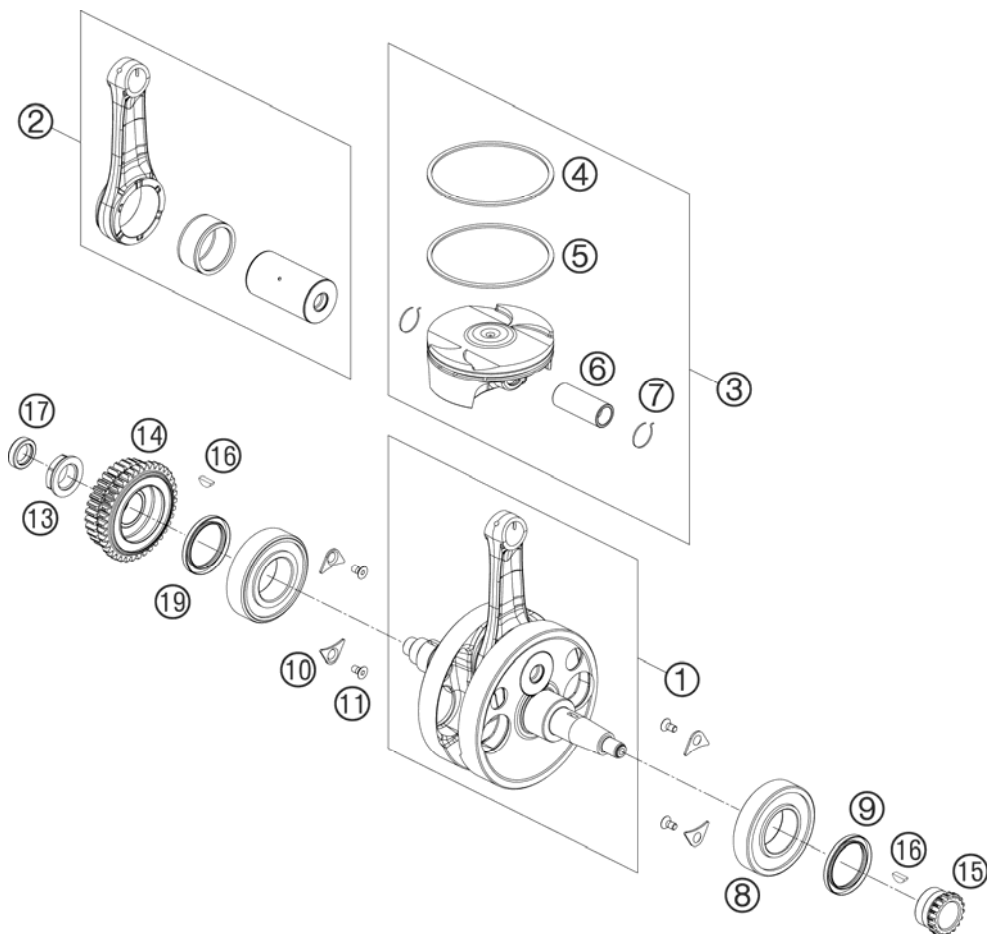


FIG	PART NUMBER	DESCRIPTION	QTY
1*	78030018200	CRANKSHAFT CPL.	1
2	78030015044	CONNECT. ROD REPAIR SET 450 08	1
3	78030007200 I	PISTON CPL.	1
3	78030007200 II	PISTON CPL.	1
4	78030030000	COMPRESSION RING 08	1
5	78030032100	OIL SCRAPER RING	1
6	78030033000	PISTON PIN 08	1
7	77330074000	CIRCLIP	2
8	0625062071	BALL BEARING 6207 TM-SX07E 39	2
9*	0760354773	SHAFT SEAL RING 35X47X7 A-DUO	1
10	75030085000	RETAINING PLATE F. CS BEARING	4
11	0019050103	INT. TORX FLAT HEAD M 5X10 8.8	4
13*	78030029100	NUT PRIMARY WHEEL	1
14*	78032000233	PRIMARY WHEEL	1
15*	78036014200	TIMING GEAR 18T.	1
16	0888030037	WOODRUFF KEY DIN6888-3X3,7	2
17	0760142460	SHAFT SEAL RING 14X24X6 B	1
19*	0760354774	SHAFT SEAL RING 35X47X7 VITON	1

097803060 / C097803060

* NEW PART

X AS REQUIRED

ACHTUNG !!!
Vor dem Einbau des Vergasers,
Bedüsung kontrollieren.

CAUTION !!!
Before mounting the carburetor,
check the jetting.

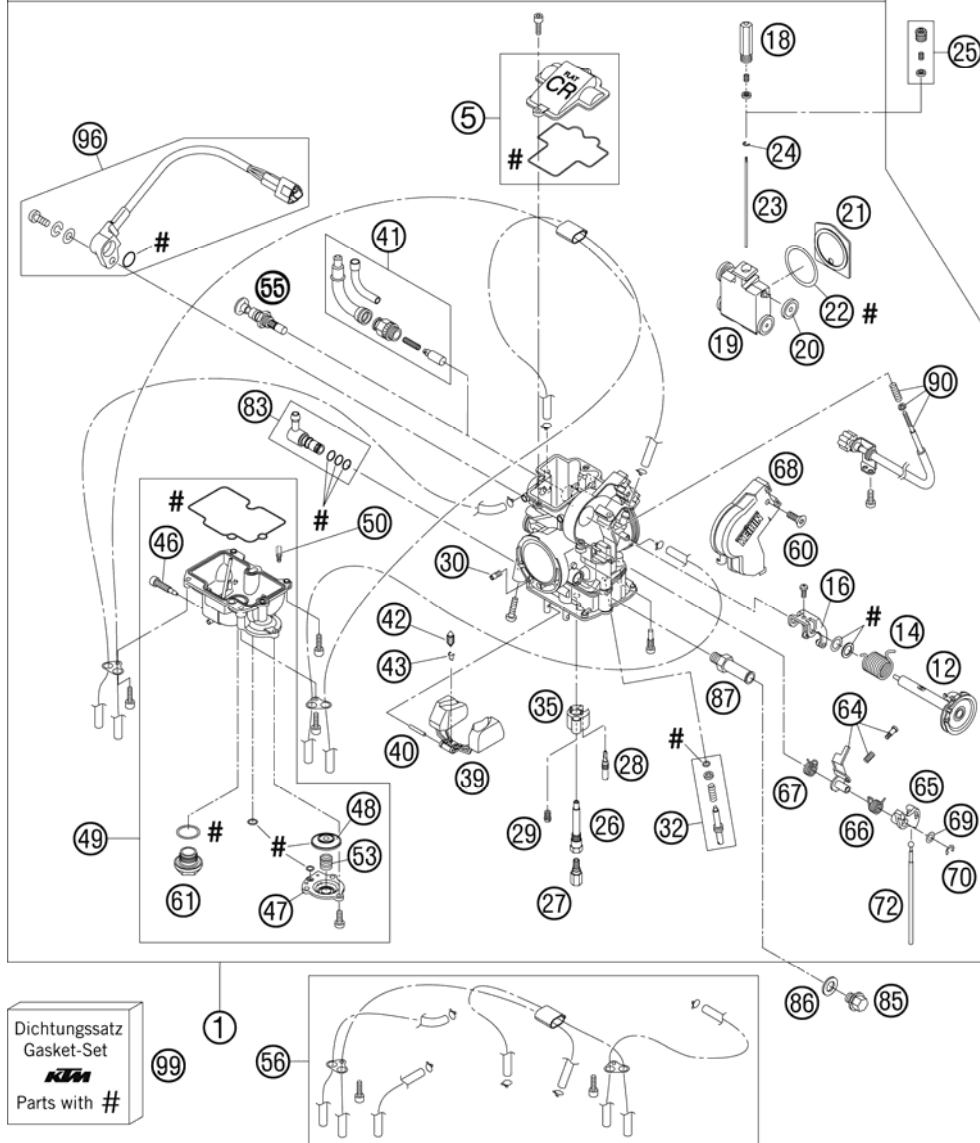


FIG	PART NUMBER	DESCRIPTION	QTY
1	78031001100	CARB. FCR-MX 3900L,TPS 08	1
5	57331027044	CARBURETOR COVER WITH GASKET	1
12	57331046100	THROTTLE SHAFT CPL. 06	1
14	57331046050	COIL SPRING THROTTLE SHAFT	1
16	76231035051	LINK ARM THROTTLE VALVE CPL.07	1
18	59031029010	SLIDE STOP 03	1
19	57331035100	THROTTLE VALVE CPL. FCRMX 2007	1
20	59031035050	BUSHING THROTTLE VALVE	1
21	57331035153	GASKET PLATE THROTTLE VALVE 04	1
22	59031035052	GASKET WASHER THROTTLE VALVE	1
23	59031034000	JET NEEDLE KEIHIN OBDTN	x
23	59031034400	JET NEEDLE KEIHIN OBDTP	x
23	59031034500	JET NEEDLE KEIHIN OBDTQ	x
23	59031034600	JET NEEDLE KEIHIN OBDTR	x
23	78031034000	JET NEEDLE KEIHIN OBDYU	x
23	78631034000	JET NEEDLE KEIHIN OBDZT	x
24	59031029000	BAR CLIP	1
25	57331032000	NEEDLE SET SCREW CPL.	1
26	59031121000	NEEDLE JET FCR-MX	1
27	54531623170	MAIN JET 170 KEIHIN	x
27	54531623172	MAIN JET 172 KEIHIN	x
27	54531623175	MAIN JET 175 KEIHIN	x
27	54531623178	MAIN JET 178 KEIHIN	x
27	54531623180	MAIN JET 180 KEIHIN	x
27	54531623182	MAIN JET 182 KEIHIN	x
27	54531623185	MAIN JET 185 KEIHIN	x
27	54531623188	MAIN JET 188 KEIHIN	x
28	54531607038	IDLE JET 38 KEIHIN	x
28	54531607040	IDLE JET 40 KEIHIN	x
28	54531607042	IDLE JET 42 KEIHIN	x
28	54531607048	IDLE JET 48 KEIHIN	x
29	59031051065	STARTER JET 65	x
29	59031051070	STARTER JET 70	x
29	59031051075	STARTER JET 75	x
29	59031051080	STARTER JET 80	x
29	59031051085	STARTER JET 85	x

087803110 / C087803110

* NEW PART

X AS REQUIRED

ACHTUNG !!!
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Bedüsung kontrollieren.

CAUTION !!!
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check the jetting.

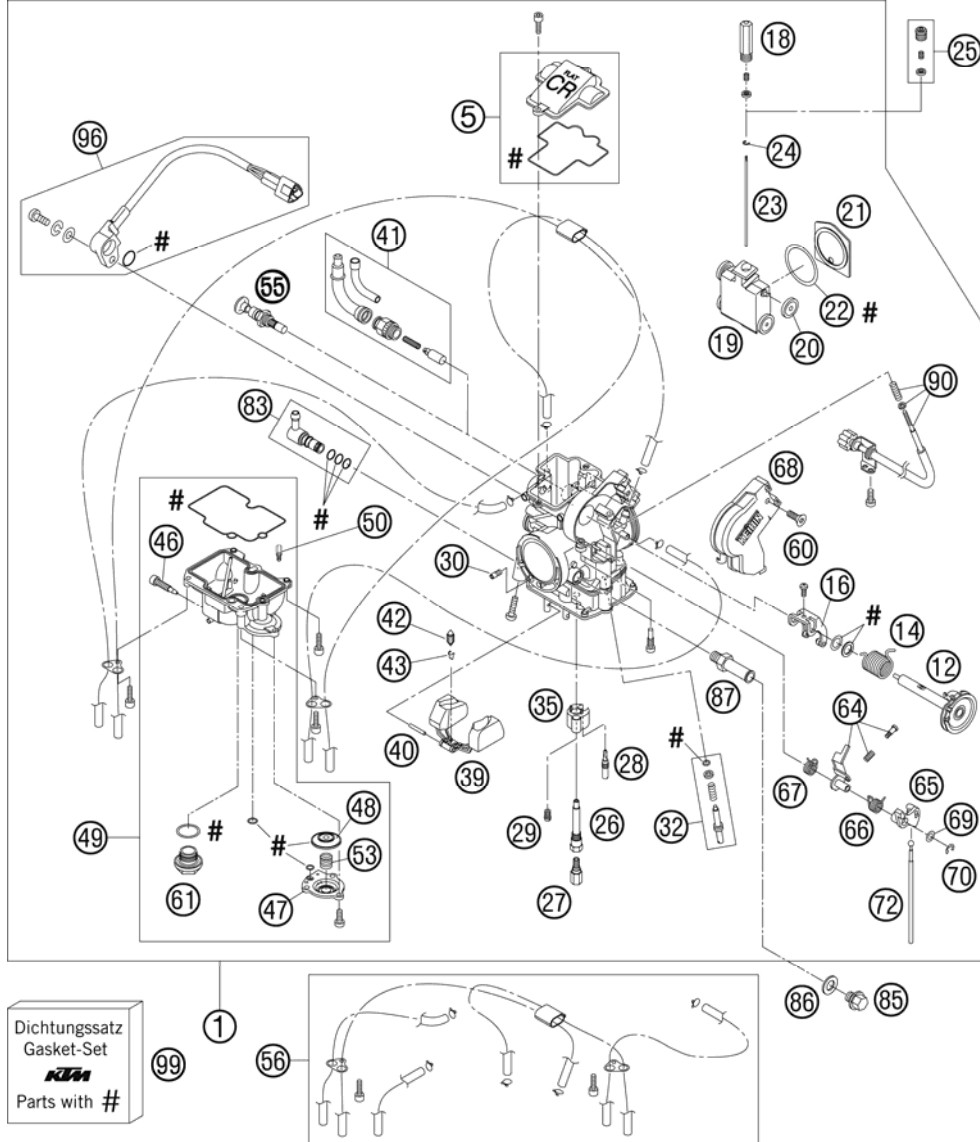


FIG	PART NUMBER	DESCRIPTION	QTY
30	57331107100	IDLE AIR JET 100 KEIHIN	1
32	59031017100	ADJUST SCREW CPL. FCR-MX	1
35	57331085000	BUFFER PLATE	1
39	57331009000	FLOAT CPL.	1
40	57331008000	ARM PIN FLOAT	1
41	78031096044	STARTER VALVE CPL.	1
42	54631220000	FLOAT NEEDLE	1
43	54531621000	CLAMP	1
46	76231155000	DRAIN SCREW FLOAT CHAMBER	1
47	57331060000	COVER ACCELERATOR PUMP	1
48	57331057100	DIAPHRAGM ACCELERATOR PUMP	1
49	78031011000	FLOAT CHAMBER CPL. 08	1
50	54631085000	JET POWER JET CLOSED KEIHIN	x
50	54631085040	JET POWER JET 40 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	x
53	59031059000	COIL SPRING	1
55	77031048000	STARTER VALVE SHORT 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
85	0910100003	PLUG DIN0910-M 10X1	1
86	0603100141	COPPER GASKET DIN7603-10X14X1	1
87	59031040300	HOSE CONNECTOR KEIHIN	1
90	57331025000	STOP SCREW CPL. FCR-MX	1
96	59031077200	TPS-SENSOR FCRMX 190MM 2006	1

087803110 / C087803110

* NEW PART

X AS REQUIRED

ACHTUNG !!!
Vor dem Einbau des Vergasers,
Bedüsung kontrollieren.



CAUTION !!!
Before mounting the carburetor,
check the jetting.

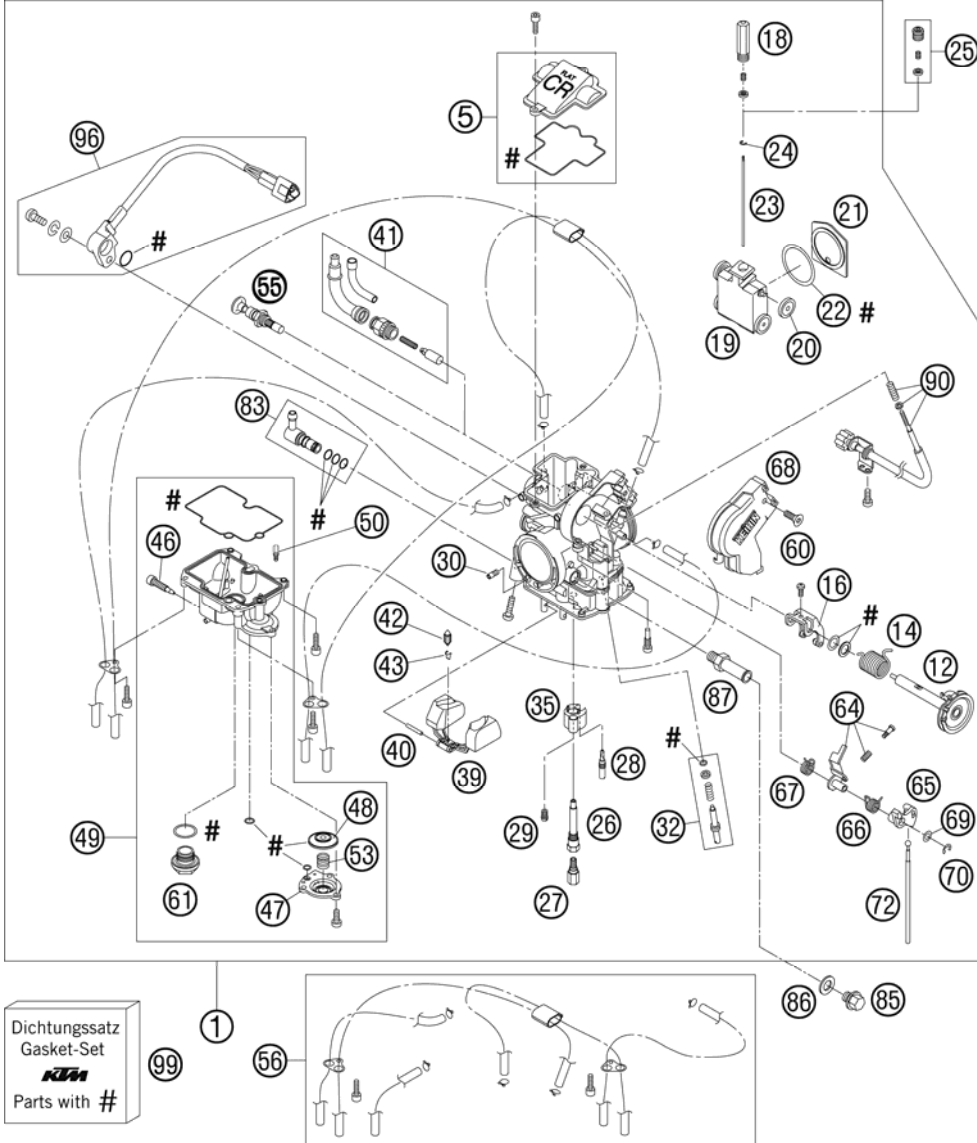


FIG PART NUMBER
99 57331099000

DESCRIPTION
GASKET SET FCR-MX KEIHIN

QTY
1

087803110 / C087803110

* NEW PART

X AS REQUIRED

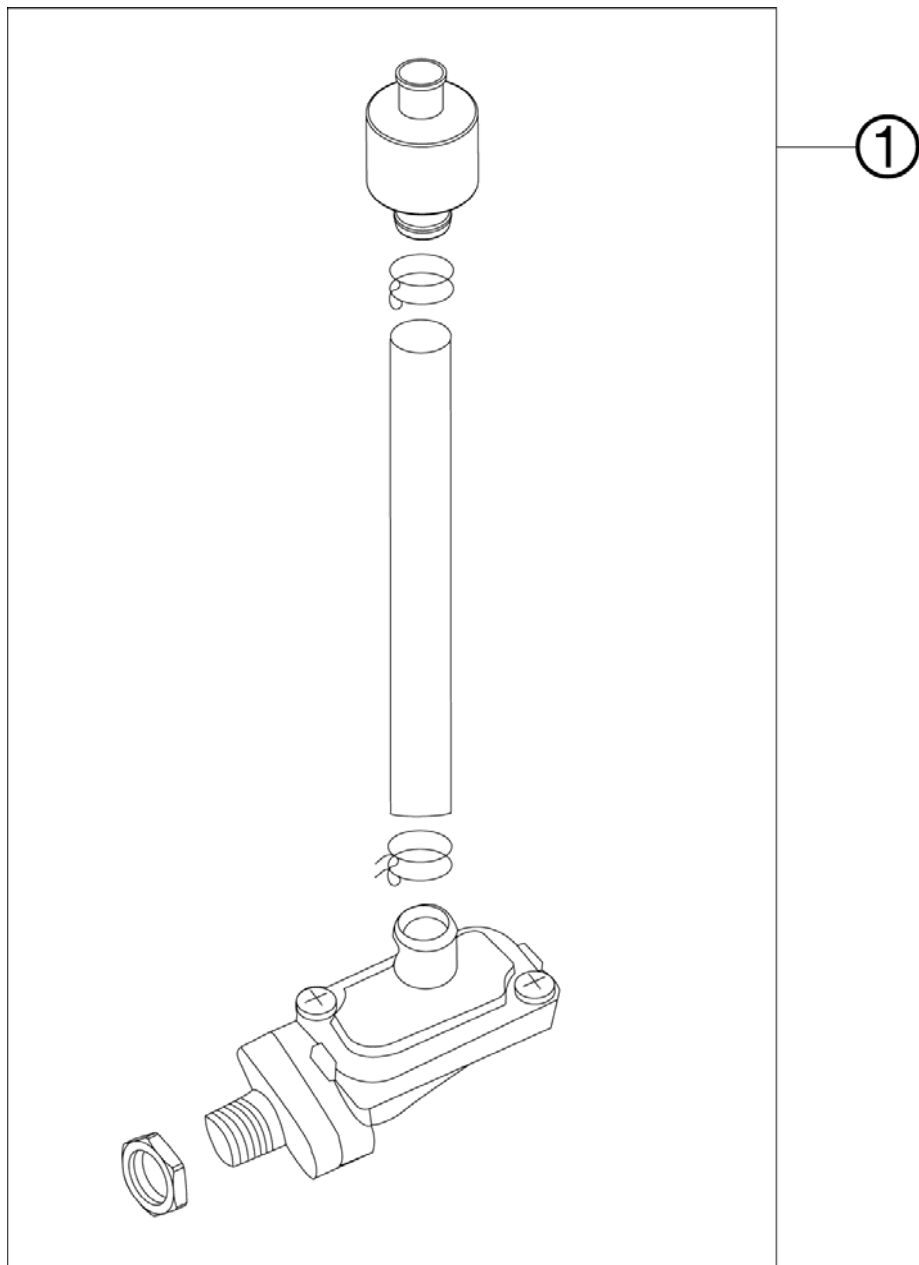


FIG	PART NUMBER	DESCRIPTION	QTY
1	78005024044	SAS-VALVE CPL. ONLY FOR EU	1

087803130 / C087803130

* NEW PART

X AS REQUIRED

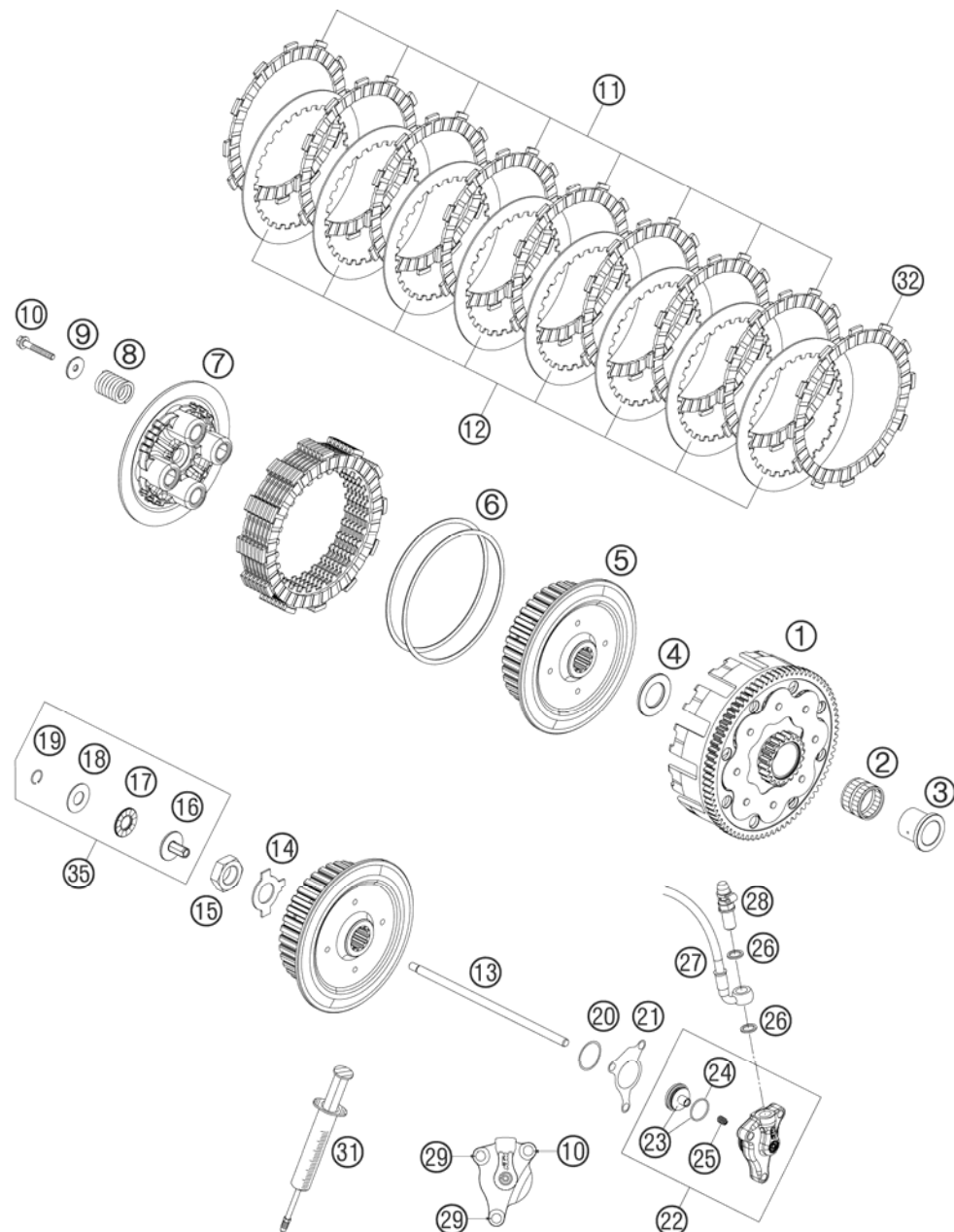


FIG	PART NUMBER	DESCRIPTION	QTY
1	78032001000	OUTER CLUTCH CPL. 08	1
2	56532095000	NEEDLE BEARING K26X30X22ZW.KSE	1
3	78032015000	INNER RING	1
4	78032020000	STOP DISC 08	1
5*	78032002200	INNER CLUTCH HUB	1
6	78032009000	JUDDER SPRING CPL.	1
7*	78032003100	PRESSURE PLATE	1
8	78032005000	CLUTCH SPRING 08	4
9*	58432081000	WASHER 6,5 X 20 X 2	4
10	0025060306	HH COLLAR SCREW M6X30 TX30	5
11	78032011000	LINING DISC 08	8
12*	78032010100	FRICTION PLATE STEEL	8
13*	78032054100	PUSH ROD L=186	1
14	77332018000	RETAINING PLATE	1
15	0936181505	HEXAGON NUT DIN0936-M18X1,5 R.	1
16*	78032057000	PRESSURE PIECE	1
17	54637097200	AXIAL NEEDLE BEARING AXK 1226	1
18	54637098200	AXIAL WASHER AS1226 12X26X1	1
19	0993012000	CIRCLIP DIN7993-RW12	1
20	0770300015	O-RING 30,00X1,50 NBR 70	1
21	59032065000	GASKET FOR SLAVE CYLINDER	1
22	54832061044	OUTPUT CYLINDER CPL. 06	1
23	54832066000	PISTON CPL.	1
24	54832067000	O-RING	1
25	54832069000	PRESSURE SPRING	1
26	0603100141	COPPER GASKET DIN7603-10X14X1	2
27	54832063000	CLUTCH PIPE 06	1
28	62513020000	BLEEDER SCREW CPL. 05	1
29	0025060206	HH COLLAR SCREW M6X20 TX30	2
31	50329050000	VENT INJEKTION HYDR. CLUTCH	1
32*	78032011100	FRICTION DISC	1
35*	78032057044	PRESSURE PIECE CPL. 08	1

097803210 / C097803210

* NEW PART

X AS REQUIRED

TRANSMISSION II - COUNTERSHAFT

450 EXC 2009

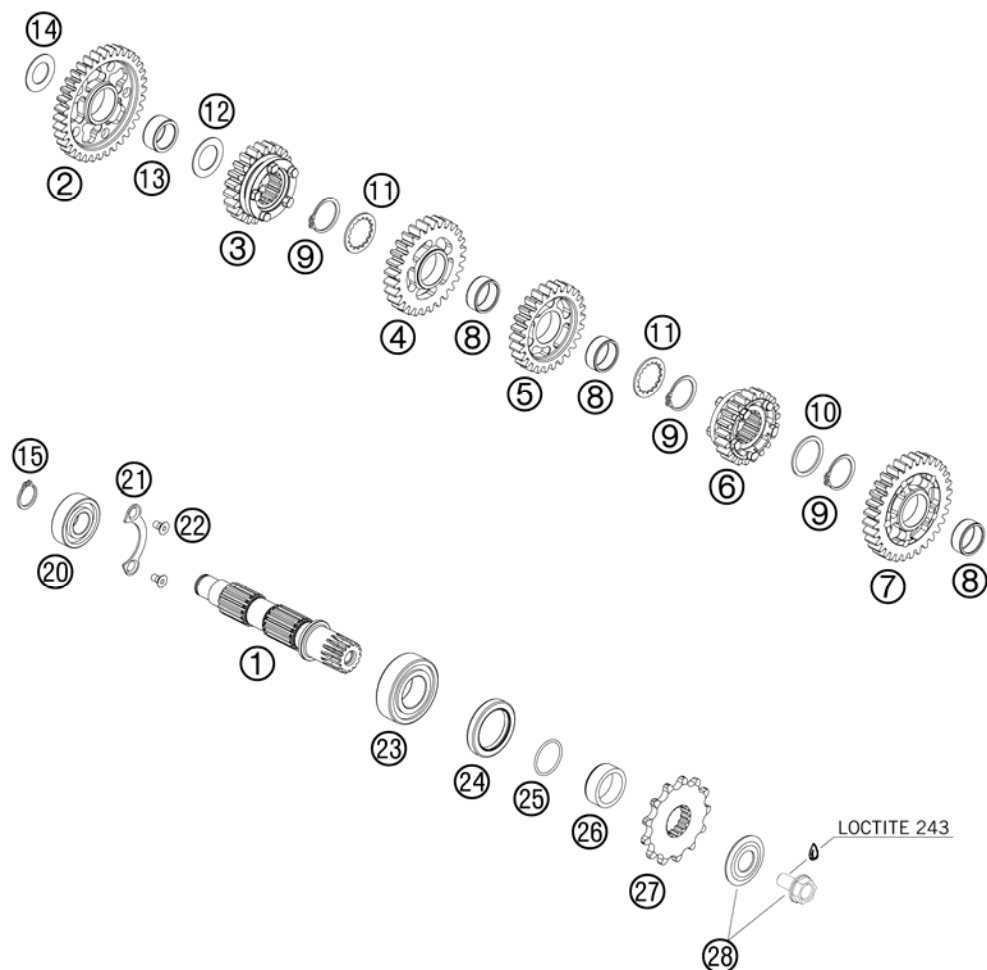


FIG	PART NUMBER	DESCRIPTION	QTY
1	78033010000	COUNTERSHAFT 08	1
2	78033011000	IDLER GEAR 1.G. 08	1
3	78033015000	SLIDING GEAR 5.G. 08	1
4	78033013000	IDLER GEAR 3.G. 08	1
5	78033014000	IDLER GEAR 4.G. 08	1
6	78033016000	SLIDING GEAR 6.G. 08	1
7	78033012000	IDLER GEAR 2.G. 08	1
8	0405222611	NEEDLE BEAR.K 22X26X10 DIVIDED	3
9	0471250120	CIRCLIP DIN0471-25X1,2	3
10	78033031000	STOP DISK 26 X 32 X 1,5	1
11	78033033000	STOP DISK 23 X 32 X 1,5	2
12	59033080000	SHIM 20X32X1	1
13	0405202612	NEEDLE BEARING K 20X26X12	1
14	56033030000	STOP DISC 17,2X30X1	1
15	0471170015	CIRCLIP DIN 0471-17X1, 5	1
20	0625062035	BALL BEARING 6203 JR2 C3	1
21	78033132000	TAB WASHER BEARING COUNT.SHAFT	1
22	0019050103	INT. TORX FLAT HEAD M 5X10 8.8	2
23	49030023000	CYL.ROLL BEARING NJ205	1
24	0760324571	SHAFT SEAL RING 32X45X7 BSLNBR	1
25	0770020220	O-RING 25,12X1,78 NBR70	1
26	54633014100	SPACER BUSHING 12MM	1
27	50033029013	SPROCKET 13-T	x
27	50033029014	SPROCKET 14-T	x
27	50033029015	SPROCKET 15-T	x
28	59033034044	SCREW+SPRING WASHER	1

087803360 / C087803360

* NEW PART

X AS REQUIRED

TRANSMISSION I - MAIN SHAFT

450 EXC 2009

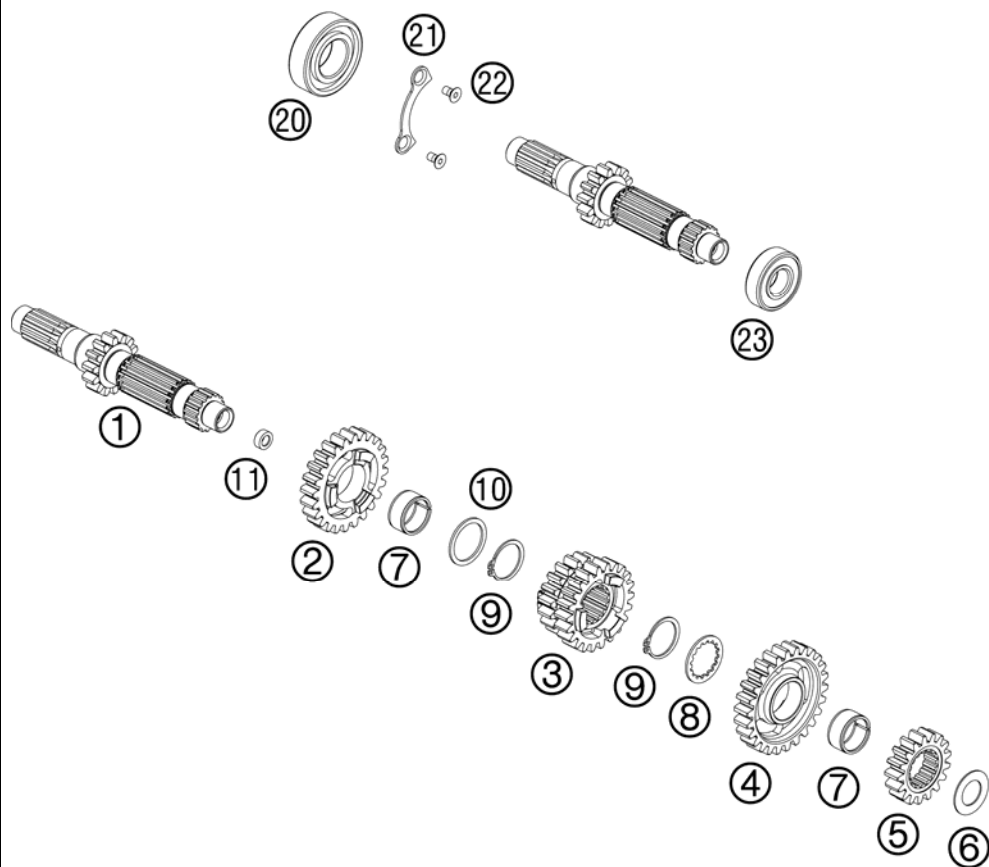


FIG	PART NUMBER	DESCRIPTION	QTY
1	78033001050	MAIN SHAFT 14 T	1
2	78033005000	IDLER GEAR 5.G. 08	1
3	78033003000	SLIDING GEAR 3/4 G. 08	1
4	78033006000	IDLER GEAR 6.G. 08	1
5	78033002000	SOLID GEAR 2.G. 08	1
6	56033030000	STOP DISC 17,2X30X1	1
7	0405222613	NEEDLE BEAR. K 22X26X13 TN	2
8	78033033000	STOP DISK 23 X 32 X 1,5	1
9	0471250120	CIRCLIP DIN0471-25X1,2	2
10	78033031000	STOP DISK 26 X 32 X 1,5	1
11*	78033001110	BUSHING	1
20	0625062054	BALL BEARING 6205 C3 NTN	1
21	78033032000	TAB WASHER BEARING MAIN SHAFT	1
22	0019050103	INT. TORX FLAT HEAD M 5X10 8.8	2
23	0625062036	BALL BEARING 6203 RSH C3	1

087803330 / C097803330

* NEW PART

X AS REQUIRED

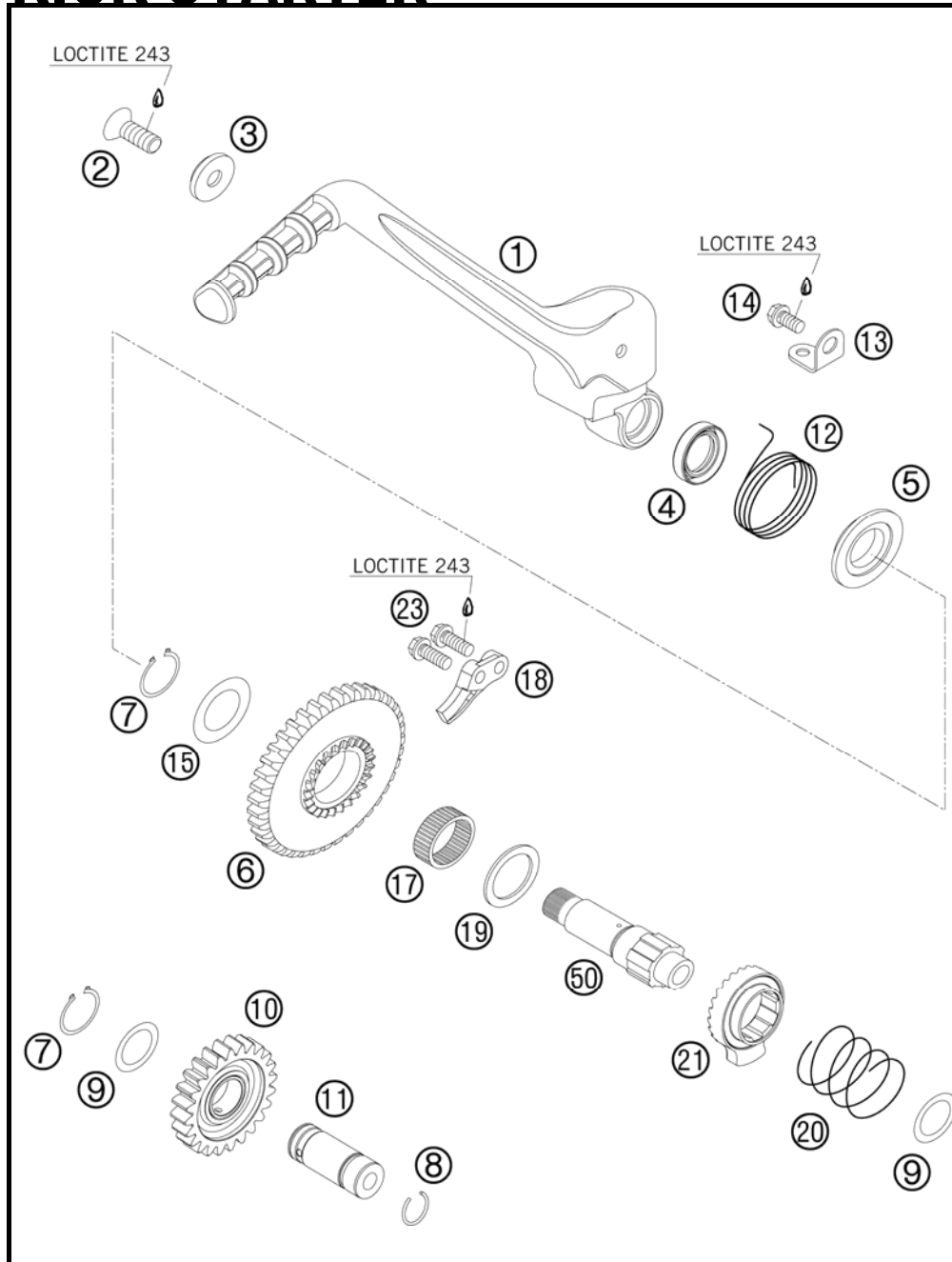


FIG	PART NUMBER	DESCRIPTION	QTY
1	77033170044	KICK STARTER CPL.	1
2	0019080206S	FLAT HEAD SCREW M. ISA45 M8X20	1
3	54633037000	WASHER 8MM GALVANIZED	1
4	0760193070	SHAFT SEAL RING 19X30X7 B	1
5	59033055000	DRIVING HUB	1
6	59033051039	KICKSTARTER GEAR 39-T	1
7	0471190120	CIRCLIP DIN0471-19X1,2	2
8	83033090000	CIRCLIP RB18	1
9	0988172405	SHIM WASHER DIN0988-17X24X0,5	2
10	78033053100	INTERMEDIATE GEAR CPL.	1
11	78033018100	BUSHING PIN	1
12	59033054000	KICKSTARTER SPRING	1
13	78033074000	SPRINGHOLDER 08	1
14	0912060123	AH SCREW DIN0912-M 6X12	1
15	59033080000	SHIM 20X32X1	1
17	0405222610	NEEDLE BEARING K 22X26X10 A	1
18	59033069000	BUMP PART	1
19	58033031000	STOP DISK 22,2 X 30 X 1,5	1
20	58033028000	RATCHET GEAR SPRING 1,2 MM	1
21	78033052000	RATCHET GEAR KICK STARTER	1
23	0025060206	HH COLLAR SCREW M6X20 TX30	2
50*	59033050100	KICKSTARTER SHAFT	1

087803390 / C097803390

* NEW PART

X AS REQUIRED

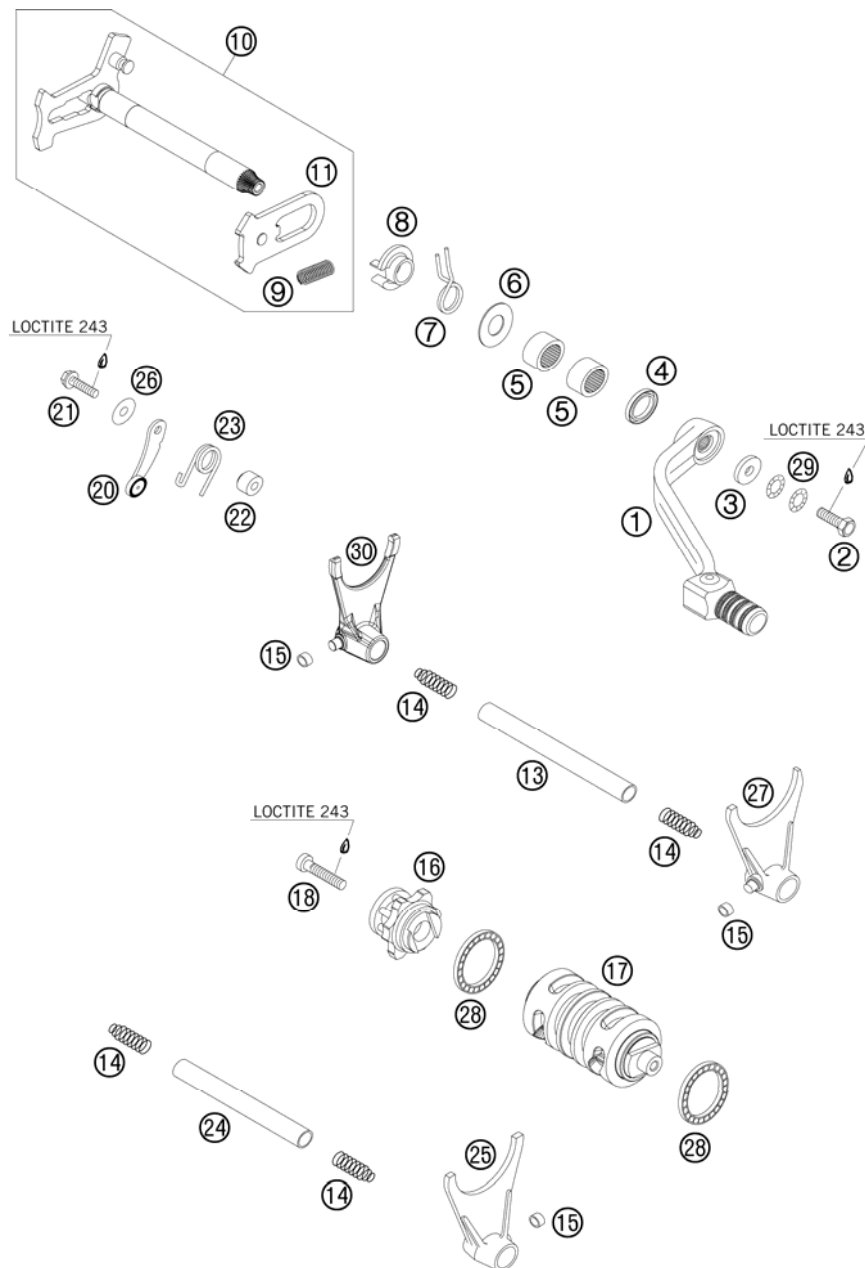


FIG	PART NUMBER	DESCRIPTION	QTY
1	59034031000	SHIFT LEVER CPL.RACING 2000	1
2	59009062016	SPECIAL SCREW M6X16 WS=8 10.9	1
3	50232050001	STEEL WASHER 6,4X17X3	1
4	0760142460	SHAFT SEAL RING 14X24X6 B	1
5	54632095000	NEEDLE BEAR.HK 1412 14X20X12	2
6	54634050000	STOP DISK 14X30X1	1
7	54634014100	RETURN SPRING 2,2MM '95	1
8	54634020000	SPRING GUIDE	1
9	56534013100	TENSIONING SPRING 0,8MM	1
10	78034005044	SHIFT SHAFT CPL.	1
11	54634008044	SLIDING PLATE CPL.	1
13	78034020000	SHIFT RAIL 11,8X101,5	1
14	58038023200	PRESSURE SPRING 0,9MM	4
15	50334018100	SHIFTING ROLLER 6X8X5,2	3
16	78034015144	SHIFT DRUM LOCATING ALU CPL.	1
17	78034012000	SHIFT ROLLER	1
18	0012060303	AH SCREW DIN6912 M6X30 8.8	1
20	77034024044	LOCKING LEVER CPL. 08	1
21	0025050206	HH COLLAR SCREW M5X20 TX30	1
22	54634052300	SLEEVE FOR LOCKING LEVER	1
23	60034023000	ARRESTING LEVER SPRING 03	1
24	78034019000	SHIFT RAIL 11,8X85	1
25	59034001000	SHIFT FORK 5./6.GEAR 2000	1
26	0349000050	WASHER DIN7349-5X15X2	1
27	59034002000	SHIFT FORK 2./4.GEAR 2000	1
28	0625618050	BALL BEARING 61805 C3	2
29	50233041000	PAIR OF WASHERS M 6 NORDLOCK	1
30	78034003000	SHIFTING FORK 1ST/3RD GEAR	1

087803410 / C097803410

* NEW PART

X AS REQUIRED

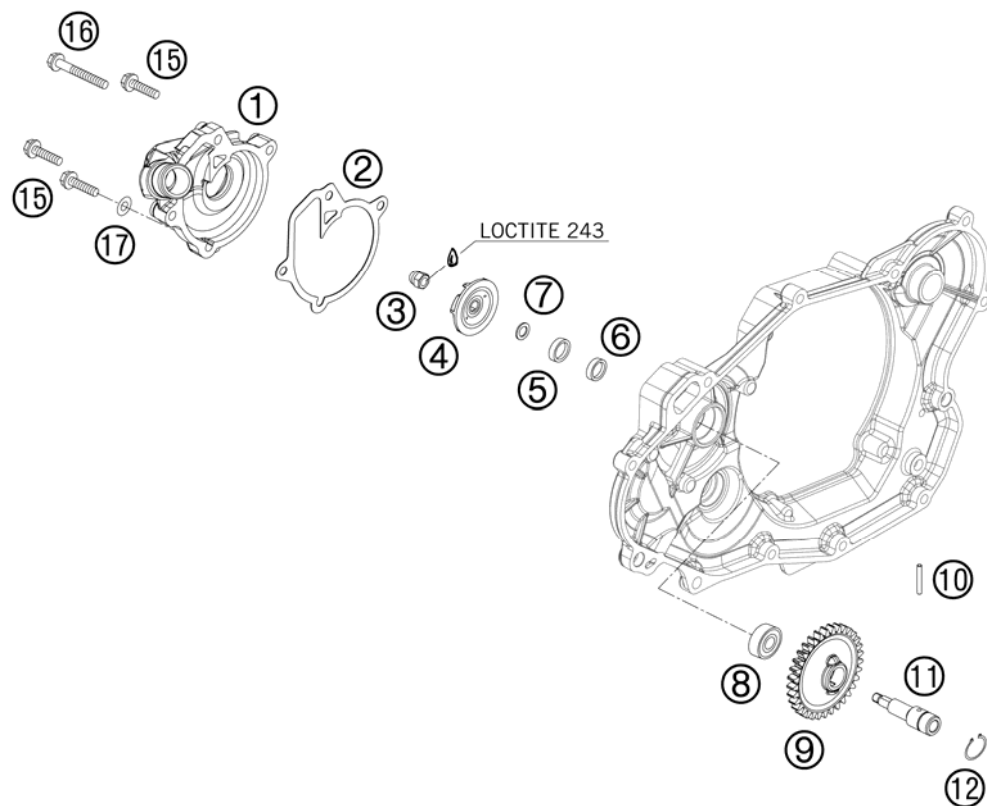


FIG	PART NUMBER	DESCRIPTION	QTY
1*	7803505200015	WATER PUMP COVER GREY	1
2	78035053000	GASKET WAPU-COVER 08	1
3*	0587060002	HH CAP NUT DIN1587-M 6 SS.	1
4	77335055100	WATER-PUMP WHEEL 07	1
5	0760102455	SHAFT SEAL RING 10X24X5,5	1
6	0760102440	SHAFT SEAL RING 10X24X4	1
7	78035054110	SPACER SHIM	1
8	0625060001	BALL BEARING 6000/C3	1
9	78035054001	DRIVE WHEEL WAPU PLASTIC MAT.	1
10	0402032180	NEEDLE ROLLER DIN5402 3X21,8	1
11	78035054100	WATER PUMP SHAFT	1
12	0471140100	LOCK WASHER DIN0471-14X1	1
15	0025060256	HH COLLAR SCREW M6X25 TX30	3
16	0025060556	HH COLLAR SCREW M6X55 TX30	1
17	0603061001	CU-SEAL RING DIN7603-6X10X1	1

087803510 / C097803510

* NEW PART

X AS REQUIRED

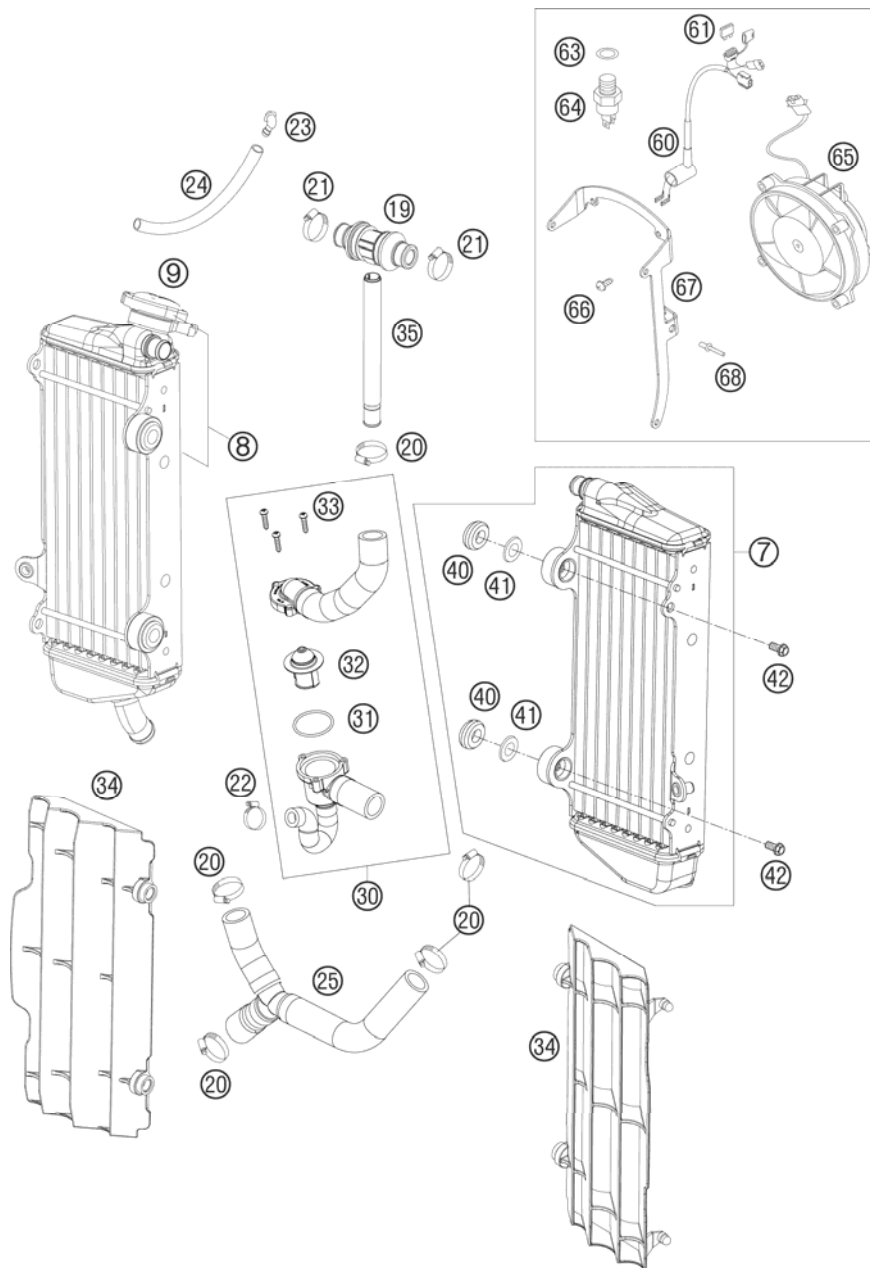


FIG	PART NUMBER	DESCRIPTION	QTY
7	77035007100	RADIATOR L/S 250 SX-F 07	1
8	78035008000	RADIATOR R/S "45556" 08	1
9	77335016000	RADIATOR CAP SMALL 1,8 BAR	1
19	77335026000	T-CONNECTOR CPL. '07	1
20	10001020000	HOSE CLAMP GEMI 16-27	5
21	42013037300	HOSE CLAMP NORMA 12/22	2
22	58335099000	HOSE CLAMP GEMI 10-16	1
23	50303089000	ANGEL PIECE '97	1
24	31007107001	PVC-HOSE 6X9 MM PER METER	x
25	78035027033	RADIATOR H. CPL. W. Y-PART 08	1
30	78035026033	RADIATOR H. CPL. W.THERM.75 08	1
31	0770320020	O-RING 32,00X2,00	1
32	59435017000	THERMOSTAT 70 DEGREE 04	1
33	0016040183	SCREW FOR PLASTIC D=4X18	3
34	7733503400030	RAD. PR. L/S+R/S BLACK SX 07	2
35	77335073000	HOSE CONNECTOR 4 STROKE 07	1
40	41001052000	RUBBER SLEEVE D=12MM	4
41	77335001000	WASHER FOR RADIATOR 08	4
42	0023060123	COLLAR SCREW M6X12 TX	4
60	59011079000	FAN WIRING HARNESS 2001	1
61	58011109105	FUSE 5 A 2003	1
63	0603142015	ALU SEALRING DIN7603-14X20X1,5	1
64	78035045000	THERMOSWITCH 95-100 DG	1
65	58435041000	FAN CPL. 12V LC4 2000	1
66	0081500181	SCREW FOR PLASTIC D=5X18	3
67	78035043000	FAN SUPPORT EXC 08	1
68	0011400800	RIVET 4,0X 8 ALU	3

097803530 / C097803530

* NEW PART

X AS REQUIRED

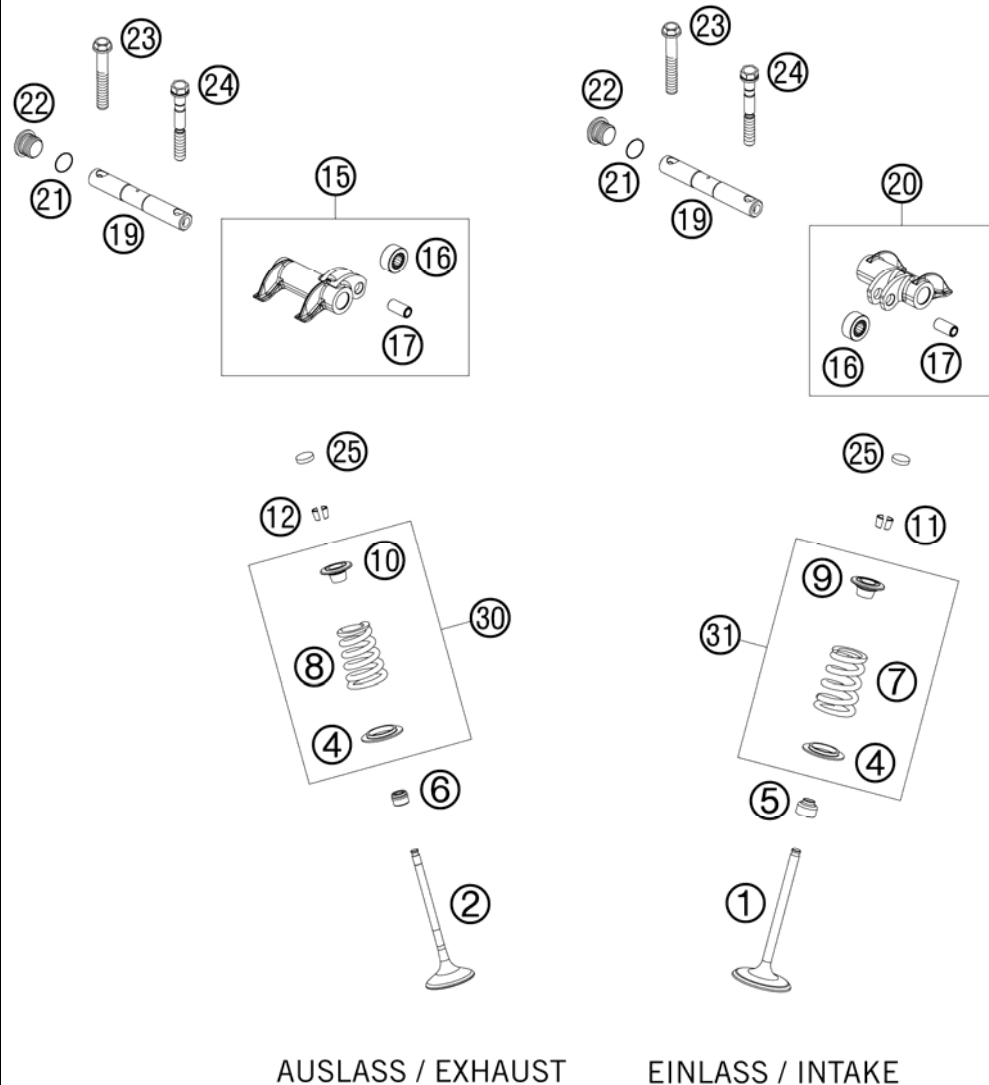
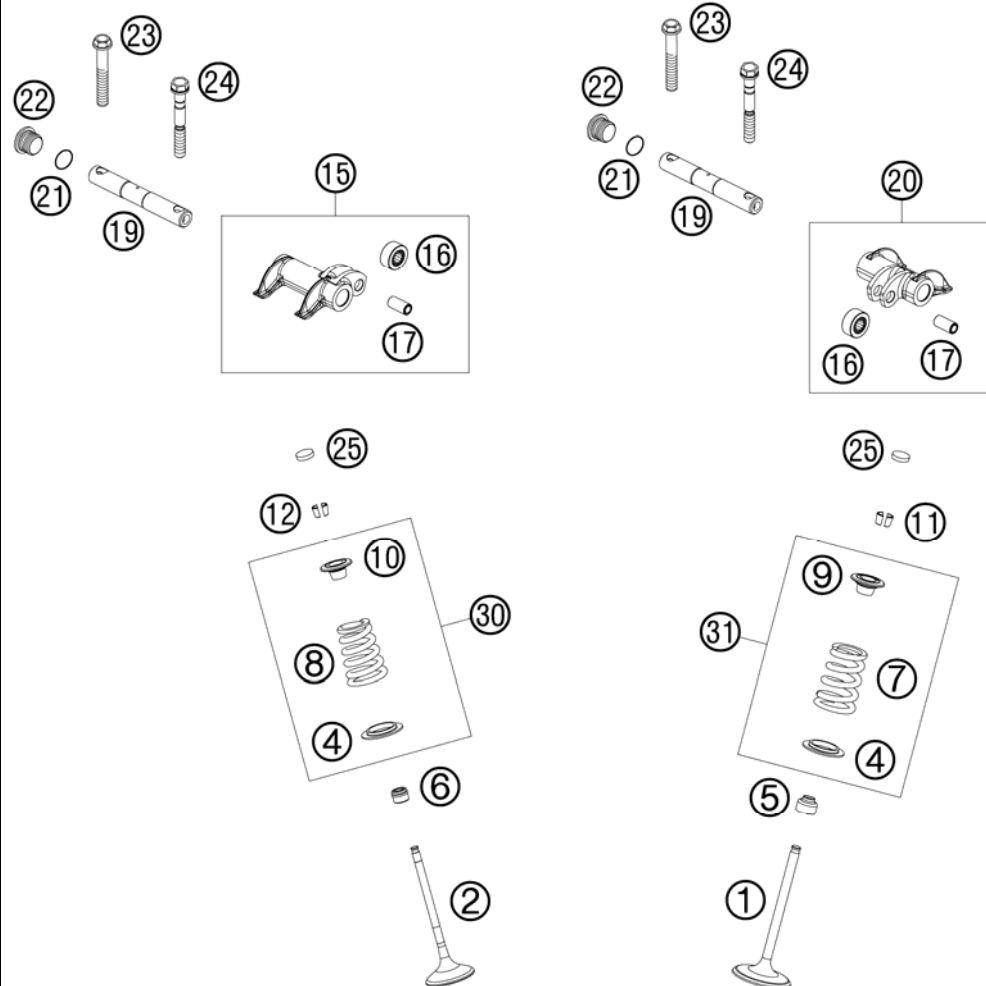


FIG	PART NUMBER	DESCRIPTION	QTY
1	78036030000	INTAKE VALVE	2
2	78036031000	EXHAUST VALVE	2
4	78036136000	VALVE SPRING HOLDER EXHAUST	4
5	59036027000	VALVE-STEM SEALING RACING	2
6	77036027000	VALVE-STEM SEALING 05	2
7	78036028000	VALVE SPRING INTAKE	2
8	78036029000	VALVE SPRING EXHAUST	2
9*	78036132100	VALVE SPRING RETAINER INTAKE	2
10*	78036032100	VALVE SPRING RETAINER EXHAUST	2
11	78036033000	VALVE COLLET LK 6H	4
12	77036033000	VALVE COLLET 05	4
15	78036061044	ROCKER ARM EXHAUST CPL.	1
16	59036061091	ROCKER ARM ROLLER	2
17	78036061092	BEARING BOLT ROCKER ARM ROLLER	2
19	78036056000	ROCKER ARM SHAFT	2
20	78036060044	ROCKER ARM INTAKE CPL.	1
21	0770110015	O-RING 1,5x11 SILICON	2
22	78036081000	HOLDING BOLT M14X1,5	2
23	77036080000	SPECIAL SCREW M7X40 WS10	2
24	78036080000	FIT BOLT M7X1X55	2
25	60036035200	SHIM D=10/2,00 03	x
25	60036035205	SHIM D=10/2,05 03	x
25	60036035210	SHIM D=10/2,10 03	x
25	60036035215	SHIM D=10/2,15 03	x
25	60036035220	SHIM D=10/2,20 03	x
25	60036035225	SHIM D=10/2,25 03	x
25	60036035230	SHIM D=10/2,30 03	x
25	60036035235	SHIM D=10/2,35 03	x
25	60036035240	SHIM D=10/2,40 03	x
25	60036035245	SHIM D=10/2,45 03	x
25	60036035250	SHIM D=10/2,50 03	x
25	60036035255	SHIM D=10/2,55 03	x
25	60036035260	SHIM D=10/2,60 03	x
25	60036035265	SHIM D=10/2,65 03	x
25	60036035270	SHIM D=10/2,70 03	x
25	60036035275	SHIM D=10/2,75 03	x

087803610 / C097803610

* NEW PART

X AS REQUIRED



AUSLASS / EXHAUST

EINLASS / INTAKE

FIG	PART NUMBER	DESCRIPTION	QTY
25	60036035280	SHIM D=10/2,80	03
25	60036035285	SHIM D=10/2,85	03
25	60036035290	SHIM D=10/2,90	03
25	60036035295	SHIM D=10/2,95	03
25	60036035300	SHIM D=10/3,00	03
25	60036035305	SHIM D=10/3,05	03
25	60036035310	SHIM D=10/3,10	03
25	60036035315	SHIM D=10/3,15	03
25	60036035320	SHIM D=10/3,20	03
30*	78036029144	VALVE SPR.-KIT EX. 450-503 09	2
31*	78036028144	VALVE SPR.-KIT INT. 450-530 09	2

087803610 / C097803610

* NEW PART

X AS REQUIRED

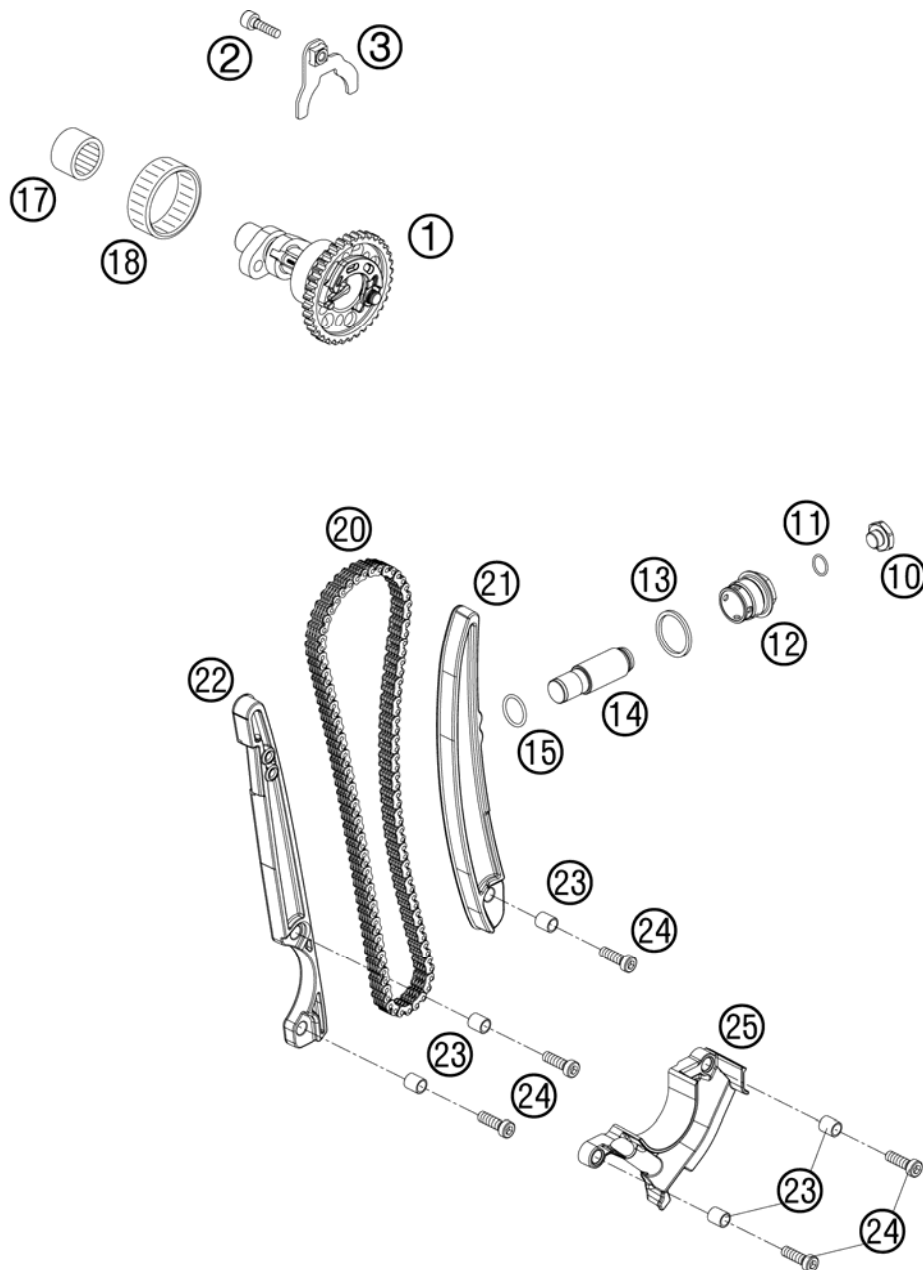


FIG	PART NUMBER	DESCRIPTION	QTY
1*	78036010333	CAMSHAFT W. AUTODECO	1
2	0912060208	AH SCREW DIN0912-M 6X20 SS	1
3	78036012033	RETAINING PLATE CAMSHAFT CPL.	1
10	77336008010	HOLDING BOLT	1
11	0770010010	O-RING 10,00X1,00 NBR 70 SH	1
12	78036008000	CHAIN ADJUSTER HOLDING BOLT	1
13	0603242920	CU SEAL-RING DIN7603 A24X29X2	1
14	77036003000	CHAIN ADJUSTER HYD. 05	1
15	0770180020	O-RING 18,00X2,00 NBR 70	1
17	0618182414	NEEDLE SLEEVE HK1814RS18/24/14	1
18	0618404712	NEEDLE SLEEVE HK4012B40X47X12	1
20	78036013000	TIMING CHAIN 110T 08	1
21	78036002000	TENSIONER RAIL	1
22	78036001000	GUIDE RAIL	1
23	77036001050	SPACER BUSHING 6.1X8.2X9.1 05	5
24	0984060203	AH SCREW DIN6912-M 6X20 8.8	5
25*	78036005100	FAILURE PROTECTION	1

097803620 / C097803620

* NEW PART

X AS REQUIRED

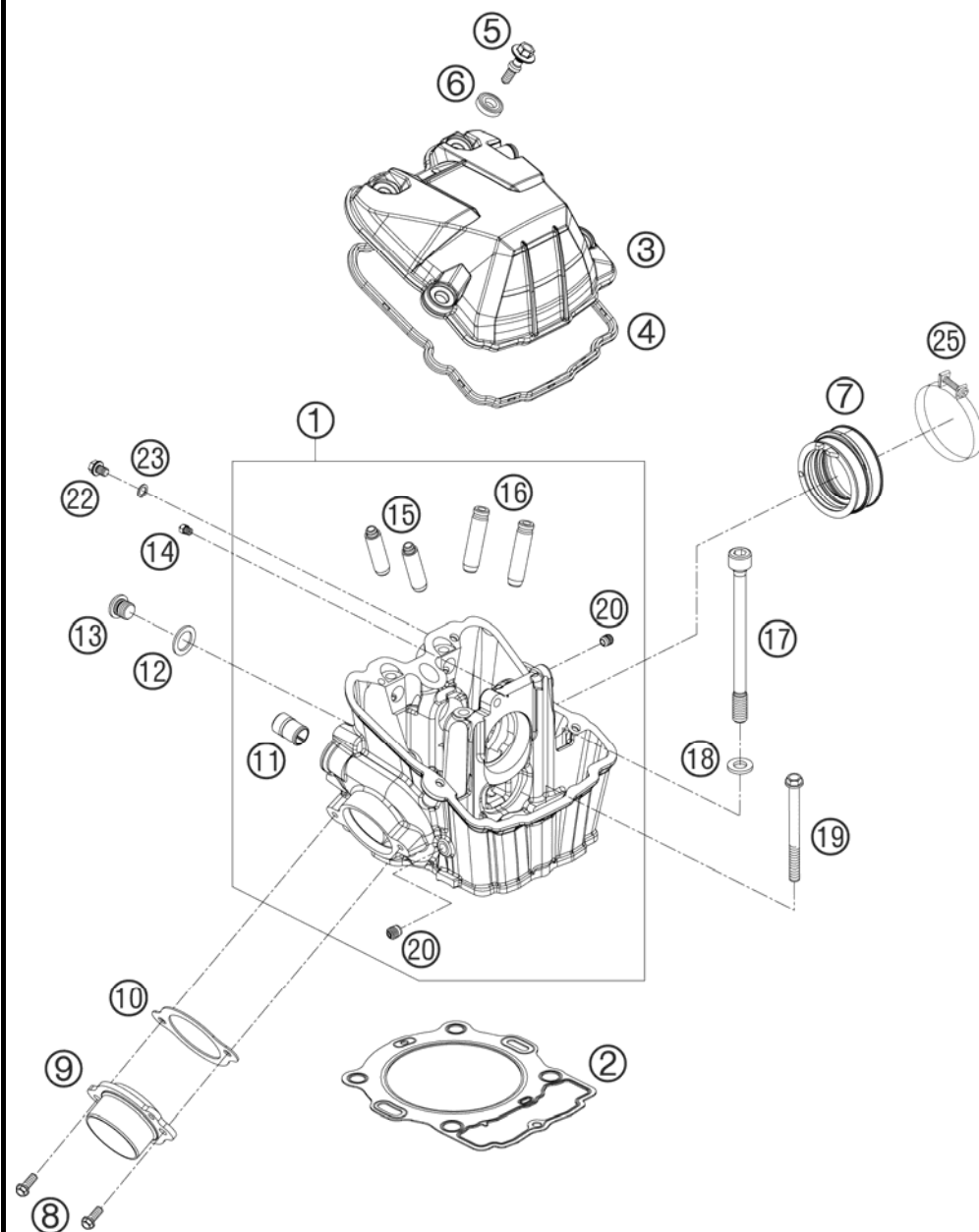


FIG	PART NUMBER	DESCRIPTION	QTY
1	78036020000	CYLINDER HEAD CPL. 08	1
2	78030036000	CYLINDER HEAD GASKET 08	1
3	7803605200033	VALVE COVER BLACK MATT	1
4	78036053000	VALVE COVER GASKET	1
5	78036054000	VALVE COVER SCREW	4
6	75036052010	DECOUPLING ELEMENT 07	4
7*	78036144100	INTAKE BOOT	1
8	0025060166	HH COLLAR SCREW M6X16 TX30	2
9*	78036139000	EXHAUST FLANGE CPL. EXC-F 08	1
10	78036041000	EXHAUST FLANGE GASKET	1
11	58030010200	SCREW IN NOZZLE M20X1,5	1
12	58038022000	CU-SEAL RING DIN7603-12X18X1,5	1
13	78036024000	PLUG SCREW SAS M12X1,5	1
14	60030063070	OIL JET 70 M5	1
15	78036026000	VALVE GUIDE EXHAUST	2
16	78036025000	VALVE GUIDE INTAKE	2
17	78030044000	CYL. HEAD SCREW M10X1,25 L=125	4
18	77336089010	WASHER 19X10,5X2,5	4
19	0025060756	HH COLLAR SCREW M6X75 TX30	1
20	59030296000	SCREW PLUG	2
22	0025060086	HH COLLAR SCREW M6X8 TX30	1
23	0603061001	CU-SEAL RING DIN7603-6X10X1	1
25	59030061000	CLAMP D=56MM B=9MM M4X25	1

087803630 / C097803630

* NEW PART

X AS REQUIRED

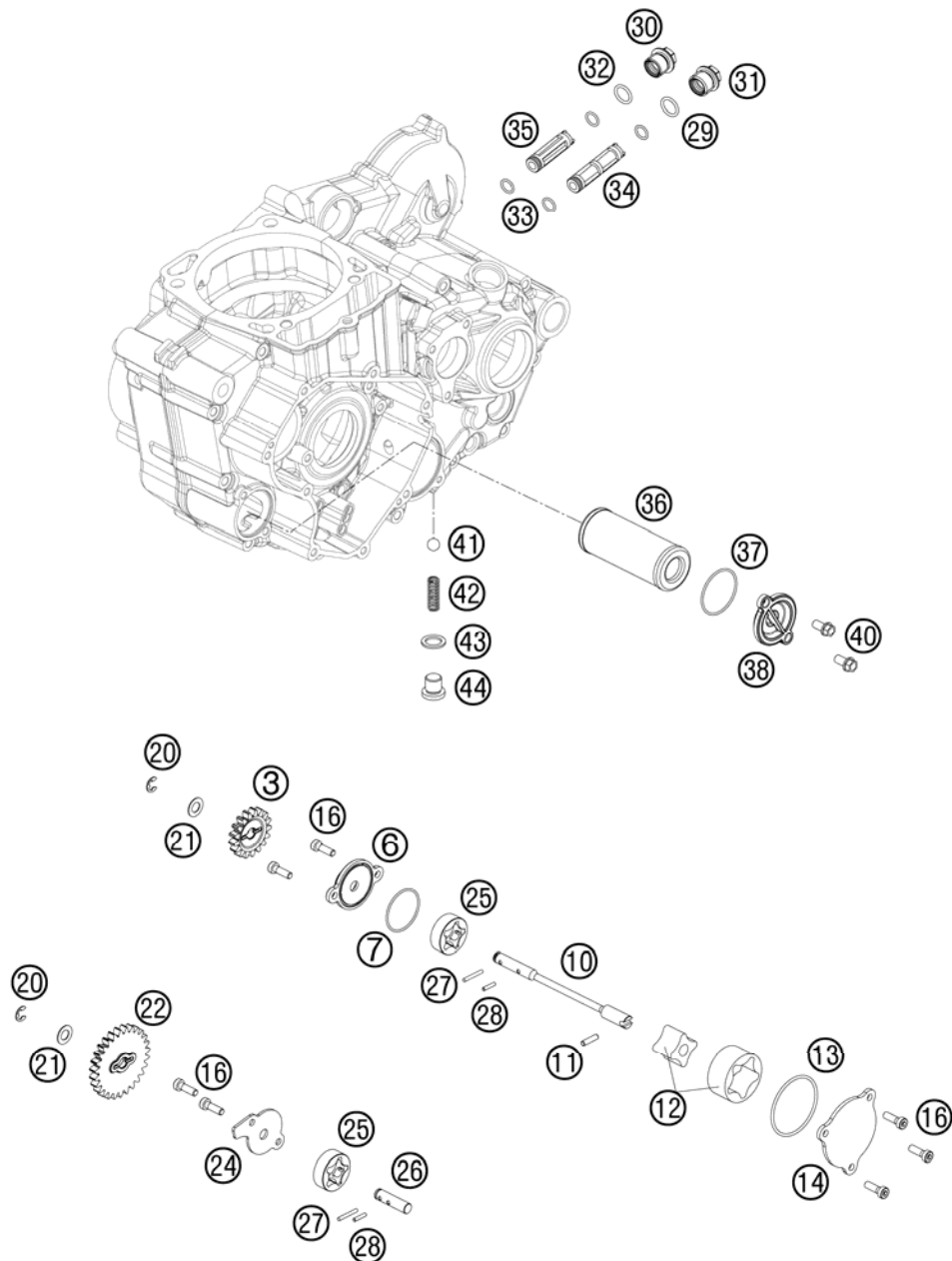


FIG	PART NUMBER	DESCRIPTION	QTY
3	78038001017	OIL PUMP GEAR 17 T	1
6	78038103233	OIL PUMP COVER CPL.	1
7	0770327013	O-RING 32,7X1,3 VITON 75SHORE	1
10	78038102000	OIL PUMP SHAFT SP-PP	1
11	0402041580	NEEDLE ROLLER NRB 4X15,8 G2	1
12	60038009000	ROTOR-SET 19MM 03	1
13	0770440020	O-RING 44,00X2,00 VITON	1
14	78038004000	OIL PUMP COVER SUCTION PUMP	1
16*	0984050163S	CYL. SCREW DIN6912 M5X16 8.8	7
20	0799060000	TAB WASHER DIN6799-RS 6,0	2
21	58038007755	STOP DISK 8,1 X 15 X 0,5	2
22	78038001027	OIL PUMP GEAR 27T	1
24	78038003000	OIL PUMP COVER TRANS. PUMP	1
25	59038011010	OILPUMP ROTOR CPL. 10MM G-73R	2
26	78038002000	OIL PUMP SHAFT TRANS. PUMP	1
27	0402251980	NEEDLEROL.DIN5402 NRA 2,5X19,8	2
28	0402251180	NEEDLE ROLLER DIN5402 2,5X11,8	2
29	0770125020	O-RING 12,50X2,00 NBR 70	1
30	78038017000	SCREW PLUG M16	1
31	78038018000	SCREW PLUG M17	1
32	0770120020	O-RING 12,00X2,00 NBR 70	1
33	0770090015	O-RING 9X1,5 NBR	4
34	78038015000	OIL SCREEN 12,5X56,5MM	1
35	59038015100	OIL SCREEN 11,8x44,5MM	1
36	77338005100	OIL FILTER	1
37*	07703305178	O-RING 33,05X1,78	1
38*	77338041200	OIL FILTER COVER 08	1
40	0025060166	HH COLLAR SCREW M6X16 TX30	2
41	0401090003	BALL DIN5401-9	1
42	58038023300	PRESSURE SPRING L=25MM D=1MM	1
43	58038022000	CU-SEAL RING DIN7603-12X18X1,5	1
44	0908120153	PLUG DIN0908-M12X1,5	1

097803810 / C097803810

* NEW PART

X AS REQUIRED

IGNITION SYSTEM

450 EXC 2009

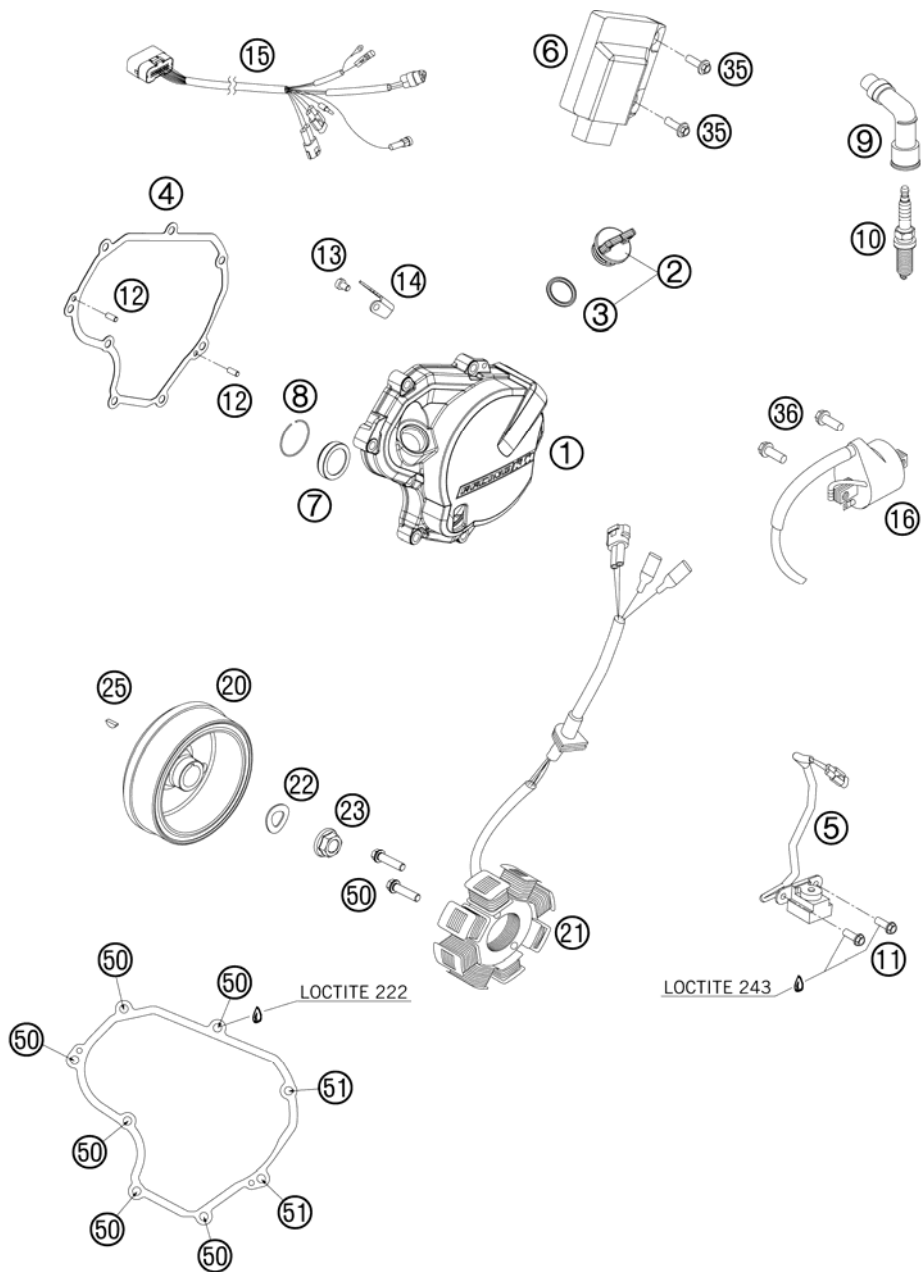


FIG	PART NUMBER	DESCRIPTION	QTY
1*	7803000210015	IGNITION COVER EXC	1
2	58030020100	PLUG CPL. M24X3	1
3	0770191015	O-RING 19,00X3,00 NBR	1
4	78030040000	GASKET IGNITION COVER 08	1
5	77339034000	PULSER COIL KOKUSAN "PU5165"	1
6*	78039031100	CDI UNIT 450 EXC 09	1
7	78030095000	OIL LEVEL GLASS 30X8 07	1
8	61030019050	CIRCLIP OIL LEVEL GLASS 03	1
9	78039090000	SPARK PLUG CONNECT. AP-TRS1908	1
10*	75039093000	SPARK PLUG M12X1,25 LKAR8AI-9	1
11*	0025050166	HH COLLAR SCREW M5X16 TX30	2
12	0402040980	NEEDLE ROL.DIN5402 NRB 4X9,8	2
13*	0019040106S	FLAT HEAD SCREW ISA25 M4X10	1
14	78030002010	WIRING RETAINING BRACKET	1
15	78039032000	WIRING HARNESS F. CDI-BOX 08	1
16	59039006000	IGNITIONCOIL KOKUSAN 4K3-A/B	1
20	78039005000	FLYWHEEL	1
21	80039004000	STATOR HUSABERG FS/FE 04	1
22	0137120000	SPRING WASHER DIN0137-B12	1
23	49030021000	COLLAR NUT M12X1 R/S	1
25	0888030050	WOODRUFF KEY DIN6888-3X5X13	1
35	0023060123	COLLAR SCREW M6X12 TX	2
36	0025060166	HH COLLAR SCREW M6X16 TX30	2
50	0025060256	HH COLLAR SCREW M6X25 TX30	8
51	0025060406	HH COLLAR SCREW M6X40 TX30	2

097803910 / C097803910

* NEW PART

X AS REQUIRED

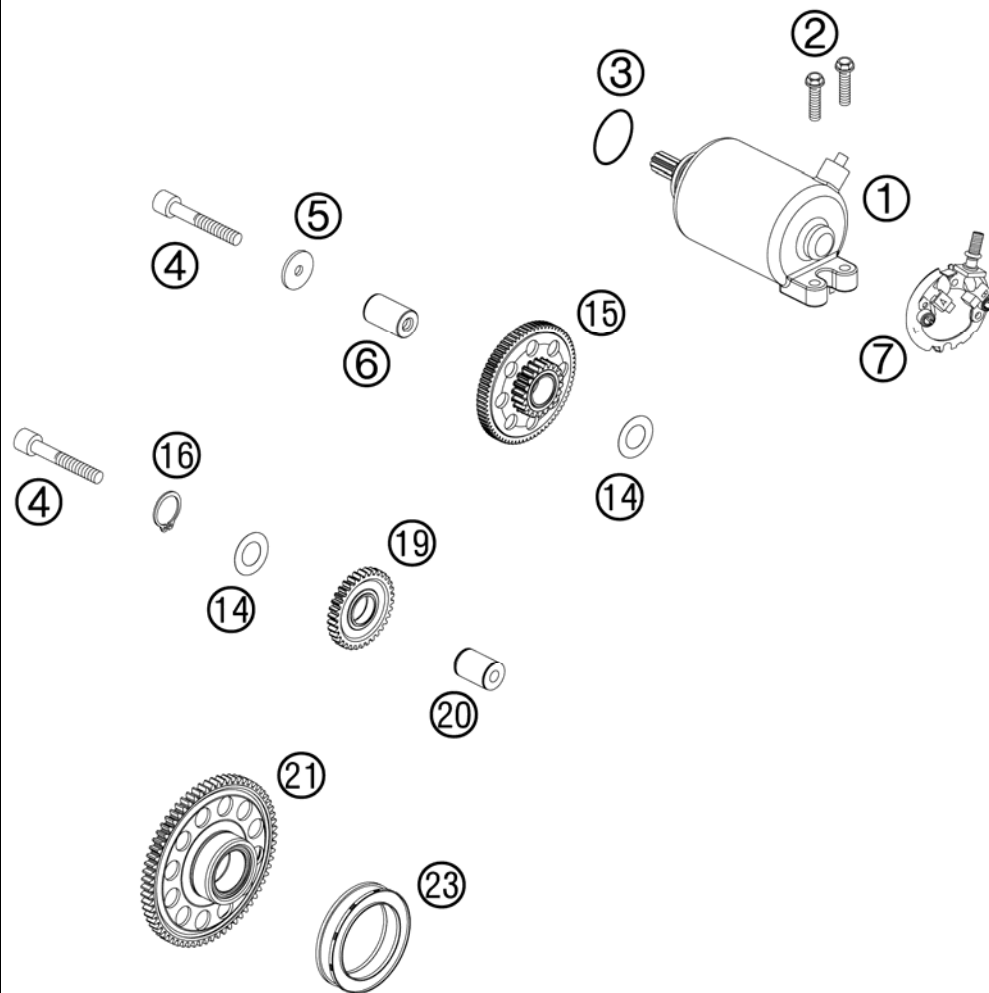


FIG	PART NUMBER	DESCRIPTION	QTY
1	78040001000	E-START. ENGINE CPL. 0,45KW 08	1
2	0025060206	HH COLLAR SCREW M6X20 TX30	2
3	0770020220	O-RING 25,12X1,78 NBR70	1
4	0912060404	AH SCREW DIN0912-M 6X40 A2	2
5	78040016004	STOP DISC 6X23X2	1
6	78040029000	BEARING BOLT	1
7	78040002000	BRUSH HOLDER F. STARTER	1
14	0988172405	SHIM WASHER DIN0988-17X24X0,5	2
15	78040016000	TORQUE LIMITER CPL.	1
16	0471170010	CIRCLIP DIN0471-17X1	1
19	78040022000	IDLER GEAR 30-T CPL.	1
20	78040028000	BUSHING PIN	1
21*	78040020133	FREEWHEEL GEAR CPL.	1
23*	75040026000	FREE WHEEL	1

097804010 / C097804010

* NEW PART

X AS REQUIRED



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