

250 SX-F EU
250 SX-F USA
250 XC-F USA

Art. no. 3206168en



KTM

Read this repair manual carefully and thoroughly before beginning work.

The vehicle will only be able to meet the demands placed on it if the specified service work is performed regularly and properly.

This repair manual was written to correspond to the latest state of this series. We reserve the right to make changes in the interest of technical advancement without at the same time updating this repair manual.

We shall not provide a description of general workshop methods. Likewise, safety rules that apply in a workshop are not specified here. It is assumed that the repair work will be performed by a fully trained mechanic.

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REG.NO. 12 100 6061

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1	MEANS OF REPRESENTATION	6	6.12.5	Disassembling the piston rod	42
1.1	Symbols used	6	6.12.6	Disassembling the hydrostop unit	43
1.2	Formats used	6	6.12.7	Disassembling the seal ring retainer	44
2	SAFETY ADVICE	7	6.12.8	Checking the fork legs	44
2.1	Repair Manual	7	6.12.9	Assembling the seal ring retainer	45
2.2	Safety advice	7	6.12.10	Assembling the hydrostop unit	45
2.3	Degrees of risk and symbols	7	6.12.11	Assembling the piston rod	46
2.4	Work rules	7	6.12.12	Assembling the cartridge	47
3	IMPORTANT NOTES	8	6.12.13	Assembling the fork legs	49
3.1	Guarantee, warranty	8	6.12.14	Greasing the steering head bearing	52
3.2	Operating and auxiliary substances	8	6.12.15	Removing the lower triple clamp	52
3.3	Spare parts, accessories	8	6.12.16	Installing the lower triple clamp	53
3.4	Figures	8	6.12.17	Checking the steering head bearing play	55
4	SERIAL NUMBERS	9	6.12.18	Adjusting the play of the steering head bearing	55
4.1	Chassis number	9	7	HANDLEBAR, CONTROLS	56
4.2	Type label	9	7.1	Handlebar position	56
4.3	Engine number	9	7.2	Adjusting the handlebar position	56
4.4	Fork part number	9	7.3	Adjusting the basic position of the clutch lever	56
4.5	Shock absorber part number	9	7.4	Checking the throttle cable routing	57
5	MOTORCYCLE	10	7.5	Checking the play in the throttle cable	57
5.1	Raising the motorcycle with the lift stand	10	7.6	Adjusting the play in the throttle cable	58
5.2	Removing the motorcycle from the lift stand	10	8	SHOCK ABSORBER, SWINGARM	59
5.3	Starting	10	8.1	Adjusting the high-speed compression damping of the shock absorber	59
5.4	Starting the motorcycle to make checks	11	8.2	Adjusting the low-speed compression damping of the shock absorber	59
6	FORK, TRIPLE CLAMP	12	8.3	Adjusting the rebound damping of the shock absorber	60
6.1	Adjusting the compression damping of the fork	12	8.4	Measuring rear wheel sag unloaded	61
6.2	Adjusting the rebound damping of the fork	12	8.5	Checking the static sag of the shock absorber ...	61
6.3	Bleeding the fork legs	13	8.6	Checking the riding sag of the shock absorber ...	61
6.4	Cleaning the dust boots of the fork legs	14	8.7	Adjusting the spring preload of the shock absorber	62
6.5	Loosening the fork protection	14	8.8	Adjusting the riding sag	62
6.6	Positioning the fork protection	14	8.9	Removing the shock absorber	63
6.7	Removing the fork legs	15	8.10	Installing the shock absorber	64
6.8	Installing the fork legs	15	8.11	Checking the shock absorber linkage	65
6.9	Removing the fork protector	16	8.12	Servicing the shock absorber	67
6.10	Installing the fork protector	16	8.13	Removing the spring	67
6.11	All SX-F models	16	8.14	Disassembling the damper	68
6.11.1	Conducting major fork service	16	8.15	Disassembling the piston rod	69
6.11.2	Conducting minor fork service	17	8.16	Disassembling the seal ring retainer	70
6.11.3	Disassembling the fork legs	17	8.17	Changing the pilot bushing	71
6.11.4	Disassembling the cartridge	20	8.18	Checking the damper	71
6.11.5	Disassembling the piston rod	22	8.19	Removing the heim joint	72
6.11.6	Disassembling the screw cap with the membrane holder	23	8.20	Installing the heim joint	73
6.11.7	Disassembling the screw sleeve	24	8.21	Assembling the seal ring retainer	74
6.11.8	Checking the fork legs	25	8.22	Assembling the piston rod	74
6.11.9	Checking the fork legs - during a minor fork service	26	8.23	Assembling the damper	76
6.11.10	Changing the pilot bushing	27	8.24	Bleeding and filling the damper	78
6.11.11	Assembling the screw sleeve	28	8.25	Filling the damper with nitrogen	80
6.11.12	Assembling the screw cap with the membrane holder	28	8.26	Installing the spring (SX-F EU)	81
6.11.13	Assembling the piston rod	29	8.27	Installing the spring (SX-F USA)	82
6.11.14	Assembling the cartridge	31	8.28	Installing the spring (XC-F)	83
6.11.15	Assembling the fork legs	32	9	EXHAUST	84
6.11.16	Bleeding and filling the cartridge	36	9.1	Removing the main silencer	84
6.11.17	Filling the cartridge with nitrogen	37	9.2	Installing the main silencer	84
6.12	XC-F	38	9.3	Changing the glass fiber yarn filling of the main silencer	84
6.12.1	Performing a fork service	38			
6.12.2	Disassembling the fork legs	38			
6.12.3	Removing the spring	40			
6.12.4	Disassembling the cartridge	41			

10	AIR FILTER	86	15.4	Adjusting the basic position of the hand brake lever	118
10.1	Removing the air filter box lid	86	15.5	Checking the front brake fluid level	118
10.2	Installing the air filter box lid	86	15.6	Adding front brake fluid.....	118
10.3	Removing the air filter.....	86	15.7	Changing the front brake fluid.....	119
10.4	Installing the air filter.....	87	15.8	Checking the rear brake linings	121
10.5	Cleaning the air filter and air filter box.....	87	15.9	Changing the rear brake linings	121
10.6	Sealing the air filter box	88	15.10	Checking the free travel of foot brake lever	122
10.7	Securing the air filter box lid.....	88	15.11	Adjusting the basic position of the foot brake lever	123
11	FUEL TANK, SEAT, TRIM	89	15.12	Checking the rear brake fluid level.....	123
11.1	Opening the filler cap	89	15.13	Adding rear brake fluid.....	124
11.2	Closing the filler cap	89	15.14	Changing the rear brake fluid	124
11.3	Removing the seat	90	16	ENGINE	126
11.4	Mounting the seat	90	16.1	Removing the engine.....	126
11.5	Removing the fuel tank.....	90	16.2	Installing the engine.....	131
11.6	Installing the fuel tank	91	16.3	Engine disassembly.....	137
11.7	Checking the fuel pressure.....	92	16.3.1	Preparations.....	137
11.8	Changing the fuel pump	93	16.3.2	Removing the clutch push rod.....	137
11.9	Changing the fuel filter.....	95	16.3.3	Removing the spacer	137
11.10	Changing the fuel screen	97	16.3.4	Draining the engine oil	137
12	MASK, FENDER.....	99	16.3.5	Removing the oil filter	138
12.1	Removing the front fender	99	16.3.6	Removing the spark plug	138
12.2	Installing the front fender	99	16.3.7	Removing the valve cover.....	139
12.3	Removing the start number plate.....	99	16.3.8	Removing the starter motor.....	139
12.4	Installing the start number plate.....	100	16.3.9	Positioning the engine at ignition top dead center	140
13	WHEELS	101	16.3.10	Removing the timing chain tensioner	140
13.1	Checking the tire air pressure.....	101	16.3.11	Removing the camshaft	141
13.2	Checking the tire condition	101	16.3.12	Removing the cylinder head	141
13.3	Checking the brake discs	101	16.3.13	Removing the piston	142
13.4	Checking the spoke tension.....	102	16.3.14	Removing the rotor.....	142
13.5	Front wheel	102	16.3.15	Removing the starter drive	143
13.5.1	Removing the front wheel	102	16.3.16	Removing the suction pump.....	143
13.5.2	Installing the front wheel.....	103	16.3.17	Removing the water pump wheel	144
13.5.3	Removing the brake disc of the front brake.....	104	16.3.18	Removing the clutch cover.....	144
13.5.4	Installing the brake disc of the front brake	104	16.3.19	Removing the clutch discs.....	144
13.6	Rear wheel	104	16.3.20	Removing the clutch basket	145
13.6.1	Removing the rear wheel	104	16.3.21	Removing the shift shaft.....	146
13.6.2	Installing the rear wheel	105	16.3.22	Removing the shift drum locating unit	146
13.6.3	Removing the brake disc of the rear brake.....	106	16.3.23	Removing the locking lever	146
13.6.4	Installing the brake disc of the rear brake....	106	16.3.24	Removing the force pump.....	146
13.6.5	Checking the chain tension.....	106	16.3.25	Removing the primary gear	147
13.6.6	Adjusting the chain tension	107	16.3.26	Removing the timing chain	147
13.6.7	Checking the chain, rear sprocket, engine sprocket and chain guide.....	107	16.3.27	Removing the spacer	148
13.6.8	Checking for chain dirt accumulation.....	109	16.3.28	Removing the left section of the engine case	148
13.6.9	Cleaning the chain	109	16.3.29	Removing the shift rails.....	148
14	WIRING HARNESS, BATTERY.....	111	16.3.30	Removing the shift drum	149
14.1	Changing the main fuse.....	111	16.3.31	Removing the shift forks.....	149
14.2	Removing the battery	112	16.3.32	Removing the transmission shafts.....	149
14.3	Installing the battery	112	16.3.33	Removing the crankshaft	149
14.4	Recharging the battery	113	16.4	Work on the individual parts.....	150
14.5	Checking the charging voltage.....	114	16.4.1	Work on the right section of the engine case	150
14.6	Checking the open-circuit current.....	114	16.4.2	Work on the left section of the engine case	151
14.7	Checking the capacitor	114	16.4.3	Work on the clutch cover	152
14.8	Checking the starter relay	115	16.4.4	Checking the oil pressure regulator valve.....	153
15	BRAKE SYSTEM	116	16.4.5	Checking the lubrication system.....	154
15.1	Checking the front brake linings.....	116	16.4.6	Removing the crankshaft bearing inner race.....	154
15.2	Changing the front brake linings.....	116			
15.3	Checking the free travel of the hand brake lever	117			

16.4.7	Installing the crankshaft bearing inner race.....	154	16.5.19	Installing the starter drive.....	187
16.4.8	Changing the connecting rod, conrod bearing, and crank pin	155	16.5.20	Installing the rotor and ignition pulse generator	188
16.4.9	Checking the crankshaft run-out at the bearing pin.....	156	16.5.21	Installing the piston	188
16.4.10	Measuring the crankshaft end play	157	16.5.22	Installing the cylinder head.....	189
16.4.11	Removing the drive wheel of the balancer shaft.....	157	16.5.23	Installing the camshafts	190
16.4.12	Installing the drive wheel of the balancer shaft.....	157	16.5.24	Installing the timing chain tensioner.....	191
16.4.13	Cylinder - Nikasil® coating	158	16.5.25	Checking the valve clearance	191
16.4.14	Checking/measuring the cylinder	158	16.5.26	Adjusting the valve clearance.....	192
16.4.15	Checking/measuring the piston.....	158	16.5.27	Installing the starter motor.....	192
16.4.16	Measuring the piston/cylinder mounting clearance.....	159	16.5.28	Installing the valve cover	193
16.4.17	Checking the piston ring end gap	159	16.5.29	Installing the spark plug.....	194
16.4.18	Checking the camshafts	160	16.5.30	Installing the oil filter.....	194
16.4.19	Work on the intake camshaft.....	160	16.5.31	Installing the oil screen	195
16.4.20	Checking the pivot points of the camshafts	160	16.5.32	Installing the spacer.....	195
16.4.21	Removing the valves.....	161	16.5.33	Installing the clutch push rod	196
16.4.22	Checking the valves	162	16.5.34	Removing the engine from the engine assembly stand.....	196
16.4.23	Checking the valve springs.....	162	17	CLUTCH.....	197
16.4.24	Checking the valve spring seat	162	17.1	Checking/rectifying the fluid level of the hydraulic clutch.....	197
16.4.25	Checking the cam levers.....	163	17.2	Changing the hydraulic clutch fluid	197
16.4.26	Checking the cylinder head.....	163	18	WATER PUMP, COOLING SYSTEM	198
16.4.27	Installing the valves	163	18.1	Cooling system	198
16.4.28	Checking the freewheel	164	18.2	Checking the antifreeze and coolant level	198
16.4.29	Removing the freewheel	165	18.3	Checking the coolant level	199
16.4.30	Installing the freewheel	165	18.4	Draining the coolant.....	199
16.4.31	Checking the electric starter drive	166	18.5	Refilling coolant	200
16.4.32	Checking the timing assembly.....	167	19	LUBRICATION SYSTEM.....	201
16.4.33	Preparing the timing chain tensioner for installation.....	168	19.1	Oil circuit.....	201
16.4.34	Checking the clutch	168	19.2	Checking the engine oil level.....	201
16.4.35	Checking the shift mechanism	170	19.3	Changing the engine oil and oil filter, cleaning the oil screen.....	202
16.4.36	Preassembling the shift shaft.....	171	19.4	Adding engine oil.....	203
16.4.37	Disassembling the main shaft	171	19.5	Checking the engine oil pressure	204
16.4.38	Disassembling the countershaft.....	172	20	IGNITION SYSTEM.....	206
16.4.39	Checking the transmission	173	20.1	Ignition coil - checking the secondary winding.....	206
16.4.40	Assembling the main shaft.....	175	20.2	Checking the spark plug connector	206
16.4.41	Assembling the countershaft.....	177	20.3	Alternator - checking the stator winding	206
16.5	Engine assembly	179	20.4	Removing the stator and ignition pulse generator.....	207
16.5.1	Installing the crankshaft.....	179	20.5	Installing the stator and ignition pulse generator.....	207
16.5.2	Installing the transmission shafts	179	21	THROTTLE VALVE BODY	208
16.5.3	Installing the shift forks.....	180	21.1	Adjusting the idle speed	208
16.5.4	Installing the shift drum.....	180	21.2	Executing the initialization run	208
16.5.5	Installing the shift rails	180	22	TECHNICAL DATA.....	209
16.5.6	Installing the left engine case	181	22.1	Engine.....	209
16.5.7	Installing the spacer.....	181	22.2	Engine tolerance, wear limits	210
16.5.8	Installing the timing chain.....	182	22.3	Engine tightening torques	210
16.5.9	Installing the primary gear	182	22.4	Capacities	212
16.5.10	Installing the force pump.....	182	22.4.1	Engine oil	212
16.5.11	Installing the suction pump	183	22.4.2	Coolant.....	212
16.5.12	Installing the locking lever	184	22.4.3	Fuel	212
16.5.13	Installing the shift drum locating unit.....	184	22.5	Chassis	212
16.5.14	Installing the shift shaft	184	22.6	Electrical system.....	213
16.5.15	Installing the clutch basket.....	184	22.7	Tires	213
16.5.16	Installing the clutch discs.....	185	22.8	Fork.....	213
16.5.17	Installing the clutch cover	186	22.8.1	SX-F EU.....	213
16.5.18	Installing the water pump cover.....	187	22.8.2	SX-F USA.....	214
			22.8.3	XC-F	214

22.9	Shock absorber	214
22.9.1	SX-F EU.....	214
22.9.2	SX-F USA.....	215
22.9.3	XC-F.....	215
22.10	Chassis tightening torques	216
23	CLEANING	218
23.1	Cleaning the motorcycle	218
24	STORAGE.....	219
24.1	Storage	219
24.2	Putting into operation after storage	219
25	SERVICE SCHEDULE	220
25.1	Service schedule.....	220
25.2	Service work (as additional order)	221
26	WIRING DIAGRAM	222
26.1	Page 1 of 3 (All SX-F models)	222
26.2	Page 2 of 3 (All SX-F models)	224
26.3	Page 3 of 3 (All SX-F models)	226
26.4	Page 1 of 3 (XC-F)	228
26.5	Page 2 of 3 (XC-F)	230
26.6	Page 3 of 3 (XC-F)	232
27	SUBSTANCES	234
28	AUXILIARY SUBSTANCES	236
29	SPECIAL TOOLS	238
30	STANDARDS	252
	INDEX.....	253

1.1 Symbols used

The meaning of specific symbols is described below.



Indicates an expected reaction (e.g. of a work step or a function).



Indicates an unexpected reaction (e.g. of a work step or a function).



Indicates a page reference (more information is provided on the specified page).



Indicates information with more details or tips.



Indicates the result of a testing step.



Denotes a voltage measurement.



Denotes a current measurement.



Denotes a resistance measurement.

1.2 Formats used

The typographical formats used in this document are explained below.

Proprietary name	Identifies a proprietary name.
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Name®	Identifies a protected name.
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Brand™	Identifies a trademark.
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2.1 Repair Manual

Read this Repair Manual carefully and thoroughly before beginning work. It contains useful information and tips that will help you repair and maintain your vehicle.

This manual assumes that the necessary special KTM tools and KTM workplace and workshop equipment are available.

2.2 Safety advice

A number of safety instructions need to be followed to operate the vehicle safely. Therefore, read this manual carefully. The safety instructions are highlighted in the text and are referred to at the relevant passages.



Info

The vehicle has various information and warning labels at prominent locations. Do not remove information/warning labels. If they are missing, you or others may not recognize dangers and may therefore be injured.

2.3 Degrees of risk and symbols



Danger

Identifies a danger that will immediately and invariably lead to fatal or serious permanent injury if the appropriate measures are not taken.



Warning

Identifies a danger that is likely to lead to fatal or serious injury if the appropriate measures are not taken.



Caution

Identifies a danger that may lead to minor injuries if the appropriate measures are not taken.

Note

Identifies a danger that will lead to considerable machine and material damage if the appropriate measures are not taken.



Warning

Identifies a danger that will lead to environmental damage if the appropriate measures are not taken.

2.4 Work rules

Special tools are necessary for certain tasks. The tools are not contained in the vehicle but can be ordered under the number in parentheses. E.g.: bearing puller (15112017000)

During assembly, non-reusable parts (e.g. self-locking screws and nuts, seals and seal rings, O-rings, pins, lock washers) must be replaced by new parts.

In some instances, a thread locker (e.g. **Loctite**®) is required. The manufacturer instructions for use must be followed.

After disassembly, clean the parts that are to be reused and check them for damage and wear. Change damaged or worn parts.

After you complete the repair or service work, check the operating safety of the vehicle.

3.1 Guarantee, warranty

The work prescribed in the service schedule must be carried out by an authorized KTM workshop only and confirmed in the customer's Service & Warranty Booklet and in the **KTM dealer.net**; otherwise, all warranty claims will be void. No warranty claims can be considered for damage resulting from manipulations and/or alterations to the vehicle. Additional information on the guarantee or warranty and the procedures involved can be found in the Service & Warranty Booklet.

3.2 Operating and auxiliary substances



Warning

Environmental hazard Improper handling of fuel is a danger to the environment.

- Do not allow fuel to get into the ground water, the ground, or the sewage system.

Use the operating and auxiliary substances (such as fuel and lubricants) as specified in the manual.

3.3 Spare parts, accessories

Only use spare parts and accessories approved and/or recommended by KTM. KTM accepts no liability for other products and any resulting damage or loss.

The current **KTM PowerParts** for your vehicle can be found on the KTM website.
International KTM Website: <http://www.ktm.com>

3.4 Figures

The figures contained in the manual may depict special equipment.

In the interest of clarity, some components may be shown disassembled or may not be shown at all. It is not always necessary to disassemble the component to perform the activity in question. Please follow the instructions in the text.