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EVO 2 ADVENTURE FAIRING KIT FITTING MANUAL



***NOTE : BEFORE COMMENCING WORK ON THE CONVERSION,
TAKE TIME TO READ THE INSTRUCTIONS CAREFULLY. ALL WORK
CAN BE CARRIED OUT BY A COMPETENT MECHANIC, BUT IF YOU
ARE UNSURE PLEASE CONTACT US OR A MECHANICAL
PROFESSIONAL.***

***KEEP ALL PARTS THAT ARE REMOVED, AS IT IS POSSIBLE TO
REMOVE OUR KITS AND RETURN THE BIKE TO STANDARD, IF
REQUIRED***

Assembly of KTM 690 Adventure Fairing Kit

Note: It is recommended to use Loctite, or similar, on all screws when assembling the Fairing Kit.

Remove seat, disconnect battery & remove headlight mask, disconnect headlight wiring connector block, disconnect wiring for indicators and unscrew bolts holding speedo bracket to top yoke. Remove speedo from mounting plate. MARK ALL WIRES ON REMOVAL.



Disconnect all wiring to main plug connector plate (fixed to black plastic shroud) and all handlebar controls connected at headlight. Remove tanks (if fitted).



Undo 2 screws and remove metal plug connector plate from plastic shroud behind headlight, along with Air Sensor & Indicator Relay. Unplug these 2 items from wiring loom at connectors.

If possible, remove air box (refer to Tank Instructions)

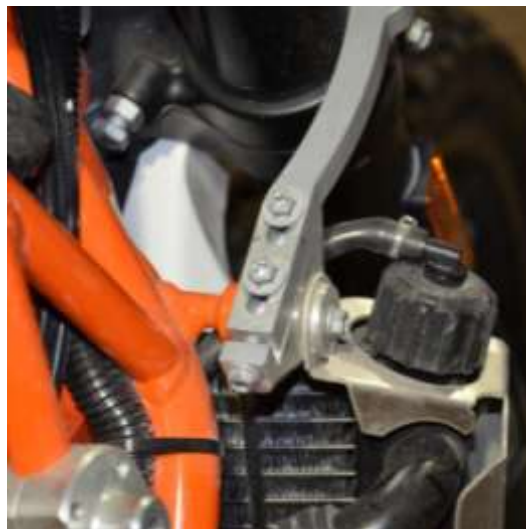
Undo 3 screws and remove Plastic Shroud from bike, carefully threading wiring through hole in Shroud. Cut cable ties holding main wiring loom to frame, and slide forward loom to give about 25mm more slack at headstock end. Re-clip to frame with new cable ties. Remove 2 screws holding ignition barrel to frame & remove top screw holding plastic header tank to frame, and then slacken lower screw a few turns.



This should give enough movement in the header tank to slide ignition barrel and steering lock pin from frame. Using a flat hand file, remove any high points from the surface of ignition barrel bracket on frame, so stainless steel plate can sit flat against frame. Discard O Ring on ignition barrel pin and slide new stainless steel plate between ignition barrel and frame, fit new longer screws to barrel, and lightly screw to frame. Re-fit top screw to header tank, and tighten both screws fully.



Remove both M5x20 screws from back of 'D' shaped rad mounts, then Remove 4 M6 screws holding both 'D' shaped Radiator Mounts to Fairing Frame assembly and keep both Radiator Mounts separate as **these are handed left and right**. Remove collar screw from top of Radiator Mount and discard metal washer on inside. Repeat for opposite side, then tilt radiator forward and insert both aluminium Top Hat Bushes into rubber grommets in radiator, large diameter head next to frame.



Slide billet Radiator Mount over protruding top hat bush (as shown) and secure to frame with new screw and formed washer, do not tighten fully.



NOTE: BILLET RADIATOR MOUNTS ARE HANDED-MAKE SURE THEY ARE CORRECTLY PLACED

Before fitting Fairing Frame to bike, slacken all screws on frame and centre block slightly, to give some movement for positioning onto frame.

Slide Fairing Frame into headstock & align slots in Lower Frame with threaded holes in Radiator Mounts, insert loosely all M6 screws into both Radiator Mounts.

Screw both M6 screws through ignition barrel plate and into aluminium 'Y' piece. **Do not tighten fully.**

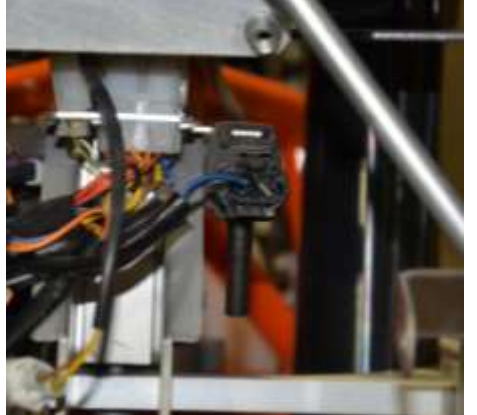
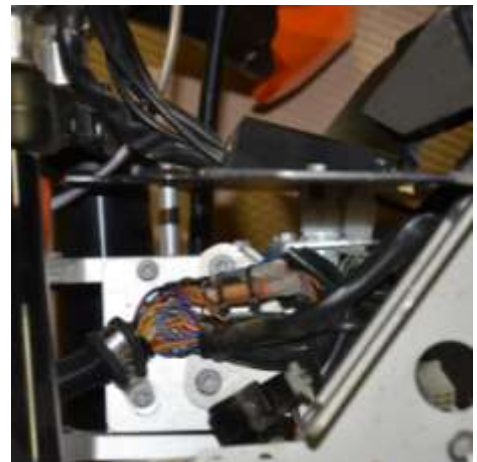
Insert both M5x20 screws into Rad Mounts, from behind and tighten equally so that Lower Frame is pulled back to head stock. Check gap between back of frame and radiator mounts to ensure correct alignment. Tighten all 4 M6 screws into rad mounts. It is vitally important the gap on both sides is equal, to align the fairing correctly.

Remove lower M6 screw holding Cable Clamp to Fairing Mount and insert wiring loom into Guide, re-fit screw and tighten all Fairing Mount screws.

Check alignment of Fairing Frame to bike before proceeding further.

Re-fit air sensor as shown and fit plastic dash to cockpit support with 3 M6 screws provided.

NOTE: RUBBER TUBE ON AIR SENSOR MUST POINT DOWNWARD



“E” VERSION (& 2012-ON ‘R’ MODELS)

Remove speedo from original mount

Remove 3 rubber grommets from original plastic speedo mount and fit into new dashboard. Insert speedometer unit into new plastic dashboard, and secure with 3 original screws and washers from underside.

“R” VERSION:

Remove speedo from original mount.

Remove 3 rubber grommets from original metal speedo mount and fit into new black aluminium adaptor plate. Insert speedo into metal plate and fit with 3 original screws and washers, from underside.

Insert remaining 2 M6 screws from front, then turn plate over and slide 3 rubber grommets over loose screws and insert whole assembly into dashboard, trapping grommets between plate and dashboard (it is preferable to trim a bit off the flange of the grommet in top right corner to clear adjoining grommet).

Fit M6 nuts and washers from underside of Cockpit Support and tighten all nuts through dashboard (do not over compress rubber grommets).

Re-connect cables and plugs from speedo into main loom.

Fit fairing Infill Plate into gap between frame and dashboard and secure with 2 M6x65 screws, using 35mm spacers on underside as shown.



Cut cable ties securing wiring to front brake pipe and clutch pipe, then re-position wiring to give correct free play when turning bars left and right. Fit wiring plug cover with 2 screws and cable tie wiring as required. Fit air intake grill fully tighten all 4 screws.



HEADLIGHT FITMENT

Fit headlight unit and black plastic surround to cockpit support (without screen fitted) and secure both fairing sides with screws supplied.

Headlight Adjustment

Adjust each upper and lower headlight to give a minimum of 12 mm gap between each headlight plate and backing plate where the springs fit between.

Once this gap is set, then adjust each light independently by screwing in the 3 screws to give the correct position for either left or right traffic depending on which country the bike is being used in. Once the beam is in the correct position remove headlight and black plastic shroud from cockpit support and detach electrical connector. Tighten each M5 Nyloc on the back of each screw, whilst holding screw to prevent from turning.

Refit headlight and plastic surround with 6 off M5 screws.

FAIRING FITMENT

Screw in M6 grub screws(supplied in kit) into the threaded clips in fairing mounts in tank, by a couple of turns. Fit fairings to cockpit with 2 upper bolts support using screws provided. Do not tighten fully.

Check that there is an equal gap where fairings meet the tanks, if this is not correct, slacken the cockpit support screws and re-align. This must be done **BEFORE** drilling holes in the fairings. **NB Image on right shows incorrect level of fairing on tanks, tank fittings should not show.**

Push hard on the lower edge of fairings where grub screws are, this will leave a mark on the side of fairings.

Remove each fairing and drill an 8mm hole where the marks are, from the inside to outside of fairing.

Re-fit fairings to cockpit support at top, loosely, and then secure lower edge of fairings to tanks using special fairing screws and plastic washers.

Any slight corrections in the lower holes can be done by slackening off the M5 screws that hold the plastic fairing clips to the tanks and repositioning them. Tighten upper fairing screws.



Fig.	Part Description	Pt. No.	Qty
1	LH Radiator Bracket		1
2	RH Radiator Bracket		1
3	Radiator Sleeve		2
4	Fairing Mount Lower		1
5	Upper Mount Clamp		1
6	M8 Nyloc Nut		2
7	Wiring Clip 190906		1
8	Fairing Mount Upper		1
9	Spacer Block		1
10	Cockpit Support		1
11	Dash Decal		1
12	Side Plate		2
13	M8 Washer BZP		2
14	Headlight		1
15	Headlight Bracket Left		1
16	LH Fairing (White,Orange or Black)		1
17	R Speedo Dash Panel		1
18	Plug Connector Bracket		1
19	RH Fairing (White,Orange or Black)		1
20	M6 Washer		9
21	M6 Nylock Nut		9
22	Wiring Loom		1
23	25mm PVC Grommit		1
25	Plastic Frame Protector		2
55	Fairing Spacer Upper		2
56	Fairing Spacer Lower		2
61	Solid Rallye Screen **(White,Orange or Black)		1
63	Fairing Infill		1
64	Plug Cover		1
65	Spacer		2
66	M5 Repair Washer BZP		4
24	Headlight Bracket Right		1
26	Cockpit Stiffener		2
30	Blind Plug-In Nut M5		6
44	Range Change Metal Nut M6		2
35	M5 x 20 Dome head (ProBolt)		6

		KTM PARTS	
29	Air Intake 03	600.08.011.000	1
31	M6 x 45	00 250 60 456	2
32	Head Light Mask 03	600.08.001.000	1
33	Bush for Spoiler	503.080.52.000	2
34	M5x20	00 250 50 206	2
38	Collar Screw M6x15	00 240 60 156	9
39	M8x50	00 250 80 506	2
40	M6 x 40	00 250 60 406	2
41	M6 x 25 Flanged	00 240 60 256	8
42	M6 x 20	00 250 60 206	6
43	M5 x 12	00 250 50 126	4
45	Instrument Cover ABS '09	601.140.70.200	1
46	Rubber Grommit Black	582.140.690.51	3
47	M6 x 20 Flanged	00.240.60.206	2
51	M6 x 30	00 150 60 303	6
52	Rubber Sleeve D=8mm Open	310 080 60 000	4
62	M6 x 65 Screw	00 250 60 656	2
63	Washer	600 080 11 050	6
64	Screen	600 080 11 060	1