

Fitting Instructions

Revo Intake Upgrade Kit 1.5 Fiesta ST MK8/Puma ST EcoBoost

Fitting Difficulty



Dealer Fit Recommended

Contents

Description	Quantity
Revo Intake Pipe	1
Revo Turbo Intake Hose	1
Revo Front Intake Hose	1
Revo Air Filter	1
Revo Heatsheild	1
Heatsheild Bracket	1
Heatsheild Dowel Pins	2
Pipe Bracket	1
Breather Take Off	1
60-80 Hose clamp	4
12-22 Hose clamp	1
M6x50 Thread Locking Bolt	1
M6x22 Thread Locking Bolt	1
M6x16 Cap Head Bolt	1
M6 Spring Washer	1
M6 Stainless Flat Washer	2
M6 Nylock Nut	1
M8x25 Hex Head Bolt	3
M8 Flat Washer	3

Recommended Tools

Tools	Size
Ratchet	
Extension	
Sockets	7, 10, 13, 15mm
Trim Tool/Flat Head Screwdriver	
Hex Key	5mm
Torx Bits	T30



Before starting, please ensure that the battery is disconnected and you have ensured the engine is cool. Engine temperatures can remain high for a substantial amount of time after use.



Fitting Instructions

Fitting Difficulty



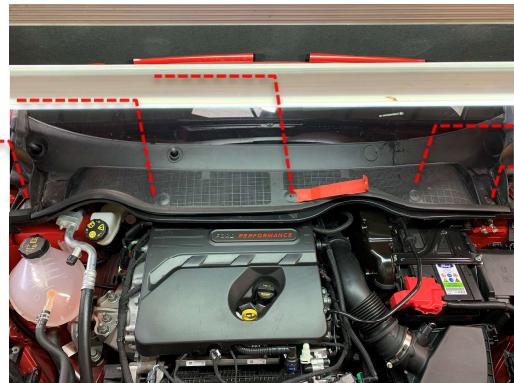
Dealer Fit Recommended

Revo Intake Upgrade Kit 1.5 Fiesta ST MK8/Puma ST EcoBoost

- 1 Remove the wiper arms using a 15mm socket to remove the two nuts and then pull up on the wipers to release them. Note: gently wiggling the arms will help release from the spindle. Be careful not to drop the wiper arms directly onto the windscreen.



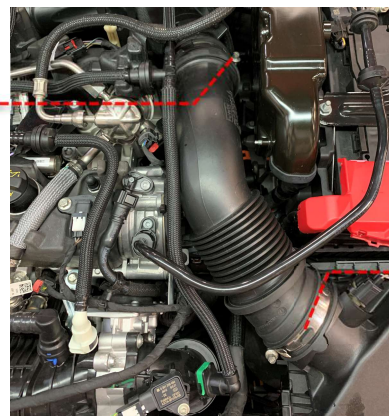
- 2 Remove the plenum chamber cover by popping off the 5 x insert clips with a trim tool or flat head screwdriver. Then remove the panel by unclipping from the base of the windscreen.



- 3 Remove the next section by removing the 5 x 10mm bolts, unclip the vacuum line from the underside and then lift the panel from the vehicle.



- 4 Remove the engine cover by pulling up on it and popping it off its locating pins. Then remove the front intake hose by loosening the 2 x hose clamps with a 7mm socket.



Fitting Instructions

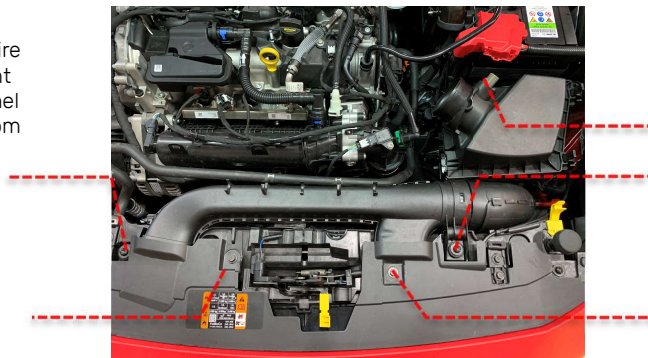
Revo Intake Upgrade Kit 1.5 Fiesta ST MK8/Puma ST EcoBoost

Fitting Difficulty



Dealer Fit Recommended

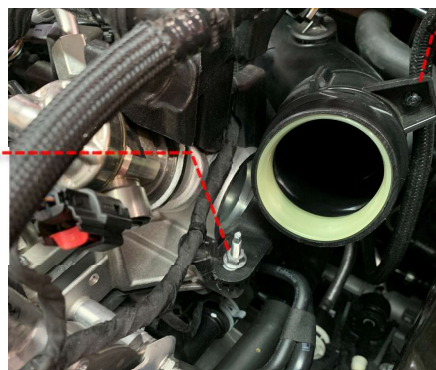
- Remove the airbox by first disconnecting the temp sensor wire from the sensor. Next remove the 2 x T30 screws on the front intake section, then the 2 x 10mm bolts that hold the top panel down. Fully remove the front air intake section and airbox from the vehicle.



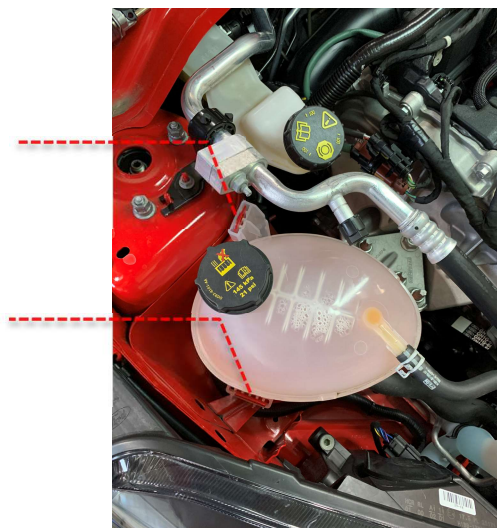
- Remove the OE intake hard pipe by first unclipping the two take-offs on the back by popping the green clip out and then compressing the fittings to pull off.



- Next remove the 10mm nut at the front of the pipe along with the stud. Then remove the wire clips off the intake pipe.



- Move the coolant reservoir to one side to allow access to the lower intake hose. Do this by removing the tank off the two clips, shown, and place towards to the front of the engine.



Fitting Instructions

Revo Intake Upgrade Kit 1.5 Fiesta ST MK8/Puma ST EcoBoost

Fitting Difficulty

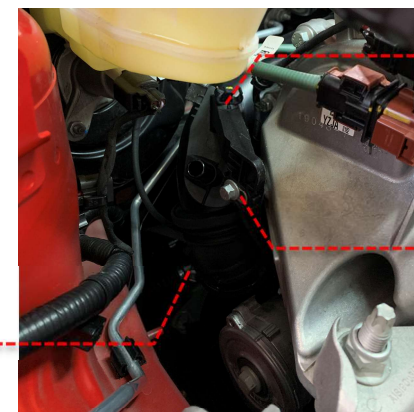


Dealer Fit Recommended

- 9 Unclip the breather pipe from the top of the engine and then the bottom intake hose.



- 10 Remove the 10mm bolt on the intake pipe, unclip the wires from the pipe and then loosen the hose clamp at the base of the intake hose. Once this is done you can remove the intake pipe assembly from the vehicle, being careful not to catch any of the wires or pipes in the process.



- 11 Install the breather hose connector into the Revo turbo intake hose, as shown, using the 12-22 hose clamp. Then install onto the turbo inlet pipe using a 60-80 hose clamp. Don't fully tighten yet, to allow for correct alignment first.



- 12 Bolt the Revo intake pipe bracket to the threaded hole, see step 7. Secure using the M6x50 bolt but don't fully tighten yet, to allow for alignment first.



Fitting Instructions

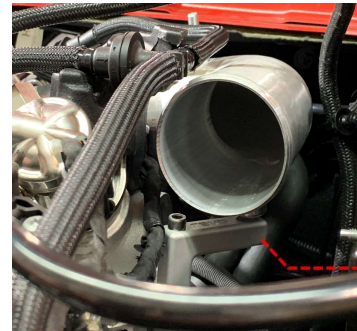
Revo Intake Upgrade Kit 1.5 Fiesta ST MK8/Puma ST EcoBoost

Fitting Difficulty

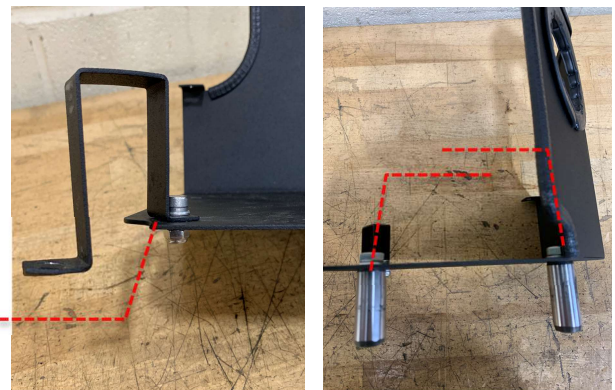


Dealer Fit Recommended

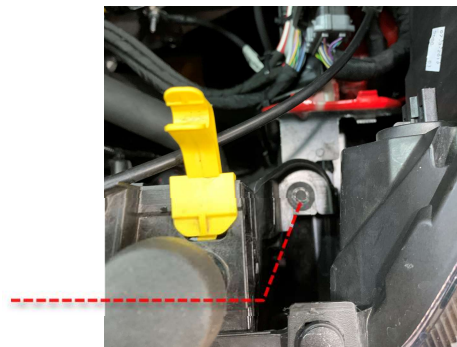
- 13 Install the Revo intake hard pipe by first fitting into the turbo hose using a 60-80 hose clamp, leaving the clamp loose to allow for alignment. Then using the M6x22 bolt and spring washer bolt the pipe to the bracket previously installed. Once you have the pipe aligned on the bracket and the hose, tighten the bolts and hose clamps.



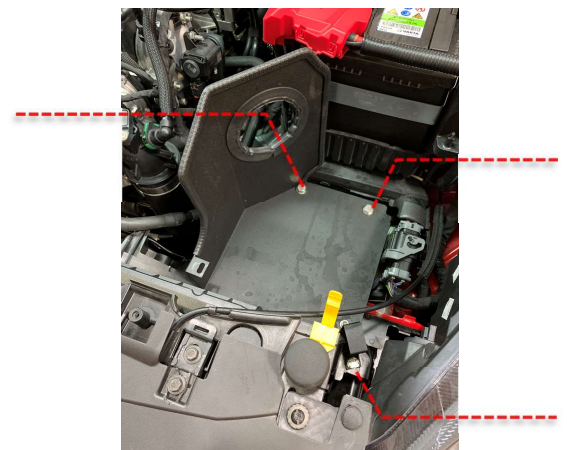
- 14 Assemble the Revo heatshield by first bolting the two steel mounting pins to the base of the Revo heatshield using the M8x16 bolts and M8 washers. Then install the heatshield bracket using the M6x16 cap head bolt, 2 x M6 washers and M6 nylock nut, as shown.



- 15 Remove the 10mm bolt from behind the headlight, as shown.



- 16 Install the Revo heatshield assembly by locating the dowels into the two rubber grommets, previously used by the OE airbox, and push down. Next bolt the heatshield bracket to the hole the 10mm bolt was removed from in step 15 using the M8x25 bolt and M8 washer.



Fitting Instructions

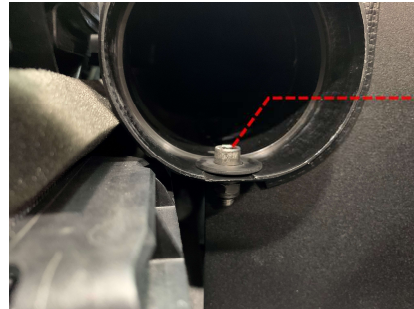
Revo Intake Upgrade Kit 1.5 Fiesta ST MK8/Puma ST EcoBoost

Fitting Difficulty



Dealer Fit Recommended

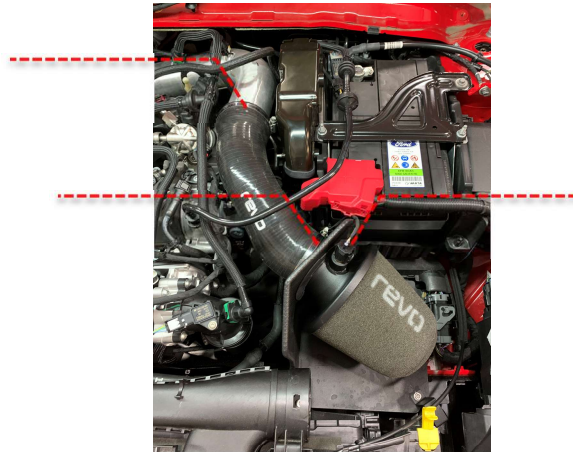
- 17 Reinstall the front intake, removed earlier, without the u-pipe and OE airbox. Bolt back into position in the reverse of removal. Next bolt the small tab on the Revo heatshield to the front air intake using the M6x10 bolt, M6 penny washer, M6 washer and M6 nylock nut as shown.



- 18 Remove the temp sensor from the OE airbox by twisting and pulling up on it, then install on the Revo air filter in the reverse of removal, as shown.



- 19 Install the front Revo intake hose onto the intake hard pipe using a 60-80 hose clamp, then insert the Revo air filter to the open end securing with another 60-80 hose clamp. When installing the Revo air filter ensure the temp sensor is positioned at an angle towards the rear of the heatshield so that the wire isn't over stretched. Check alignment and tighten both hose clamps, reattach the temp sensor connector.



- 20 Reattach the two take-offs on the top of the hard pipe and then reconnect the breather pipe to the take-off on the turbo hose at the top of the engine.

Ensure all hose clamps and bolts are tight and secure. Reinstall the coolant reservoir, engine cover and plenum chamber covers in the reverse of removal. Test drive the vehicle to ensure vehicle performs correctly and there are no leaks/part interference during operation. Your installation is now complete!



Fitting Instructions

Revo Intake Upgrade Kit 1.5 Fiesta ST MK8/Puma ST EcoBoost

Fitting Difficulty



Dealer Fit Recommended

DESCRIPTION	QTY.
MK8 Fiesta ST Intake hard pipe	1
MK8 Fiesta ST Turbo silicone	1
MK8 Fiesta ST Intake hose	1
MK8 Fiesta ST Heatshield	1
MK8 Fiesta ST Cone filter	1
MK8 Fiesta ST Heatshield bracket	1
Turbo hose machined take off	1
MK8 Fiesta ST pipe bracket	1
12-22 Hose clamp S/S	1
60-80 Hose clamp S/S	4
DIN 7979 16x40T Dowel pin	2
M6x16 Cap head bolt S/S	2
M8 Form A washer S/S	3
M6 Form A washer S/S	3
M6 Nylock nut S/S	2
M8x25 Hex head bolt S/S	1
M8x20 Hex head bolt S/S	2
M6x50 Thread locking cap head	1
M6x22 hex head bolt S/S	1
M6 Spring washer	1
M6 Large penny washer	1
Packaging - Intake box	1
Packaging - Cylindrical box	1

revo

TITLE: **MK8 Fiesta ST Full Intake Kit**

SIZE DWG. NO. **A** REV

SCALE: 1:7 SHEET 1 OF 1