

# Fitting Instructions

MK4 Focus ST 2.3Ecoboost Open Cone Intake kit.

Fitting Difficulty



## Contents

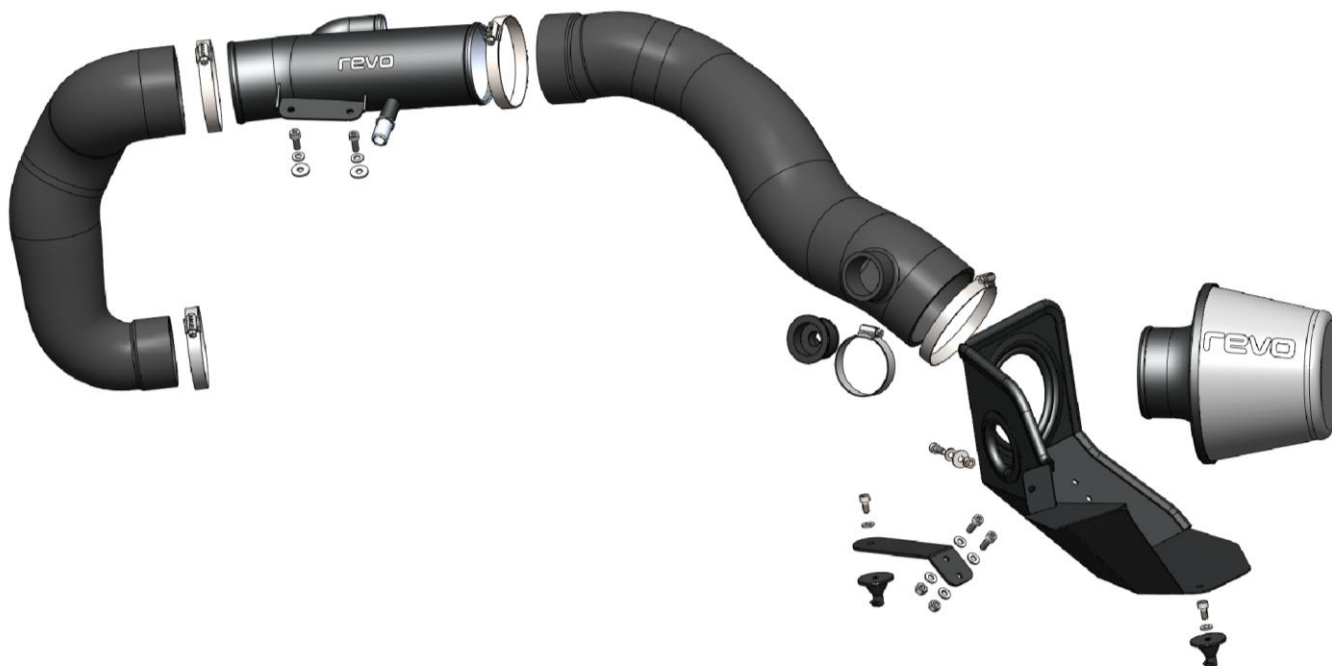
Description	Quantity
Turbo intake hose	1
Intake hose	1
Intake hard pipe	1
Air filter	1
Heatsheild Assembly	1
Heatshield bracket	1
Machined temp sensor housing	1
Machined mounting boss	2
80-100 Hose clamp	1
70-90 Hose clamp	2
60-80 Hose clamp	1
40-60 Hose clamp	1
M6x16 Cap head bolt S/S	3
M6 Large rubber washer	2
M6 flat S/S washer	9
M6 Penny washer	1

## Recommended Tools

Tools	Size
Ratchet	
Sockets	7/8/10 mm
Socket extension	
Spanner	10mm
Allen Key / Bits	5mm
Constant Tension Pliers	



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



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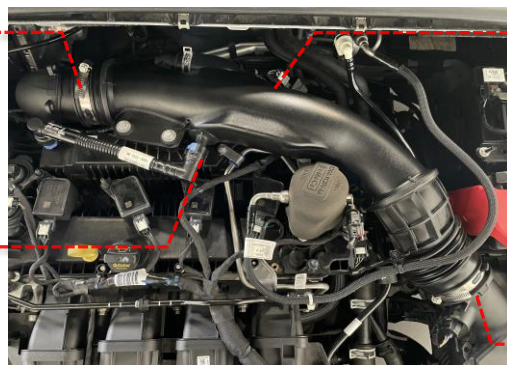
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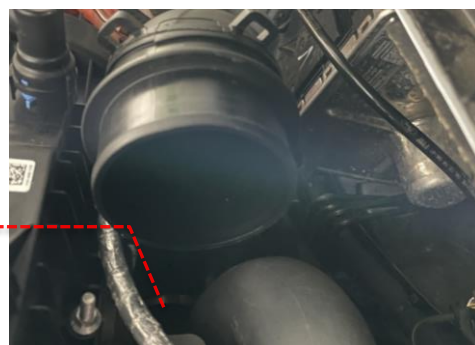
- 1 Remove the 10mm nut holding the engine cover down and then remove cover.



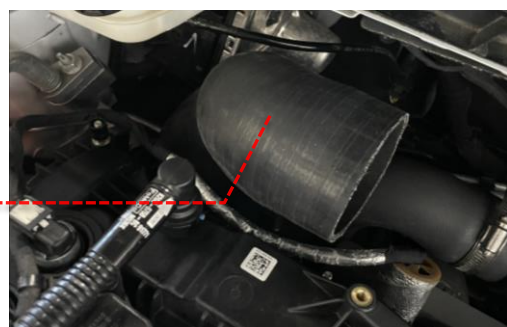
- 2 Remove the OE intake pipe, loosen the 2 x hose clamps then unclip the front breather pipe and DV hose to the rear. Finally remove the 2 x 8mm bolts on the bracket and pull away from turbo hose and airbox.



- 3 Remove the OE turbo inlet pipe by loosening the hose clamp at the turbo end.



- 4 Install the new Revo turbo inlet silicone using the supplied 60-80 hose clamp.



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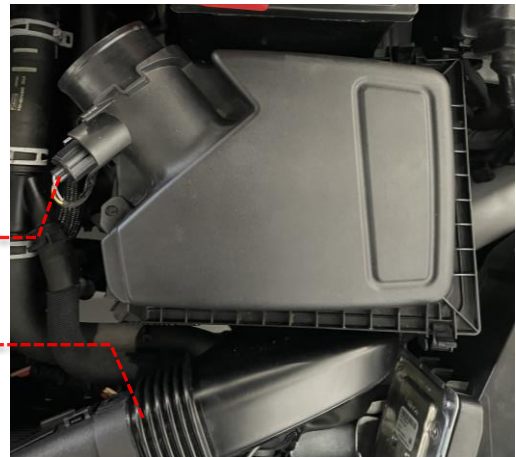
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- 5 Install the new Revo hard pipe by first sliding into the new turbo hose with supplied 70-90 hose clamp and then bolting down to the OE mounting points using the supplied M6 bolts, flat washers and M6 Large rubber washers. Place the rubber washers in-between the OE mount holes and bottom of hard pipe bracket. Then re-connect the DV hose and breather pipe.



- 6 Remove OE airbox, first unclip the electrical connector from the temp sensor and then twist and remove sensor from airbox. Unclip the front air scoop from the airbox and then pull up on airbox off the rubber mountings.



- 7 Assemble heatshield by first bolt the bracket to the back of shield using the supplied M6x16 bolts, M6 washers and M6 nylock nuts. Next install the 2 x machined mounting boss's, one onto the bracket you just bolted on and the other towards the front as shown using the supplied M6x12 bolts and M6 washers.



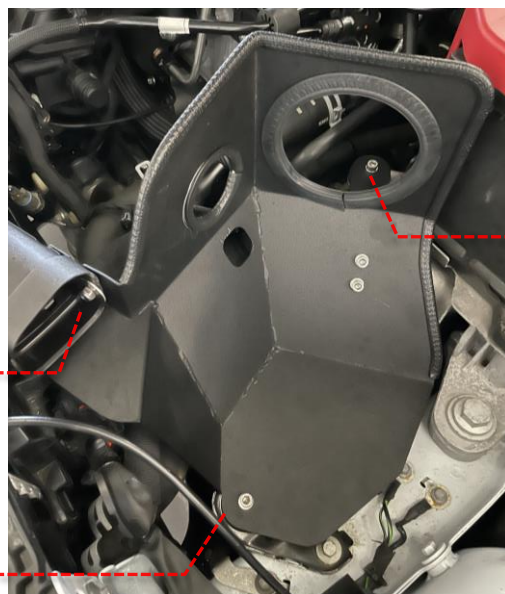
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- 8 Install the assembled heatshield in the car by pushing the machined mounting boss's into the rubber grommets the airbox sat in. Next bolt the tab at the front to the front air scoop on the car using the supplied M6x16 bolt, M6 washer, M6 large penny washer and M6 nylock nut.



- 9 Install the machined temp sensor housing into the new Revo intake silicone and secure using the 40-60 hose clamp. Re-install the temp sensor in the new housing and then install the hose. Slide through the heatshield up towards the hard pipe and secure using the 70-90 hose clamp. Ensure the hose is positioned so the temp sensor is facing the hole on the heatshield so the wire can go through and clip onto the sensor.



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- 10 Install the new Revo filter to the end of the Revo intake hose using the supplied 80-100 hose clamp. Check all clamps, fixings and wires are attached and tight. Re-attach the engine cover in the reverse of removal.

Your installation is complete.



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NO.	DESCRIPTION	QTY.
1	MK4 Focus ST Intake turbo hose	1
2	MK4 Focus ST Intake hard pipe	1
3	MK4 Focus ST Intake filter hose	1
4	MK4 Focus ST Intake Headshield Assembly	1
5	Air Filter	1
6	MK4 Focus ST Headshield bracket	1
7	MK4 Focus ST Intake sensor bung	1
8	MK4 Focus ST Intake headshield grommet boss	2
9	70-90 Hose clamp S/S	2
10	60-80 Hose clamp S/S	1
11	80-100 Hose clamp S/S	1
12	40-60 Hose clamp S/S	1
13	M6x16 Cap head bolt S/S	5
14	M6x12 Cap head bolt S/S	2
15	M6 Large rubber washer	2
16	M6 Flast washer S/S	9
17	M6 Nylock nut S/S	3
18	M6 Large washer S/S	1
19	Packaging - Intake box	1

**revo**

TITLE: RF081M200200 Working Instructions

SIZE DWG. NO. **A** REV. **00**

SCALE: 1:8 SHEET 1 OF 1