

Fitting Instructions

Revo Intercooler Kit 2.3 Focus RS MK3 EcoBoost

Fitting Difficulty



Dealer Fit Recommended

Contents

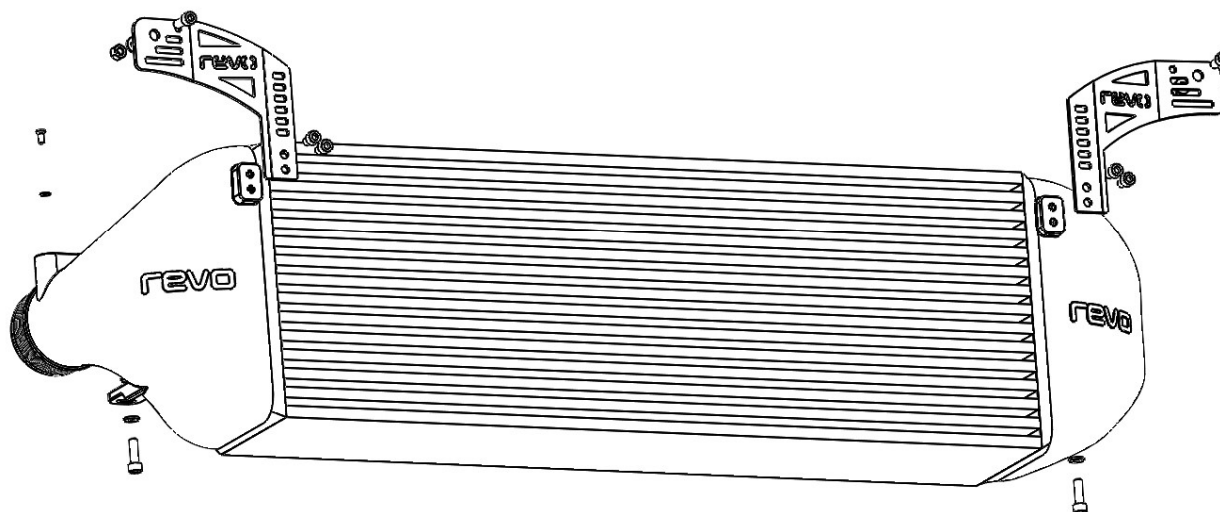
Description	Quantity
Revo Intercooler	1
Left Hand Side Bracket	1
Right Hand Side Bracket	1
M4x10 Hex Key Bolt	1
M4 Washer	1
M6x10mm Cap Head	4
M6 Washers	6
M6x16mm Cap Head	2
M6 Nylock Nuts	4
M6x20mm Bolt	2

Recommended Tools

Tools	Size
Ratchet	
Sockets	7, 8, 10 mm
Torx Bits	T20, T30
Spanner	10mm
Hex Key	2.5, 5mm
Cross Head Screwdriver	



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



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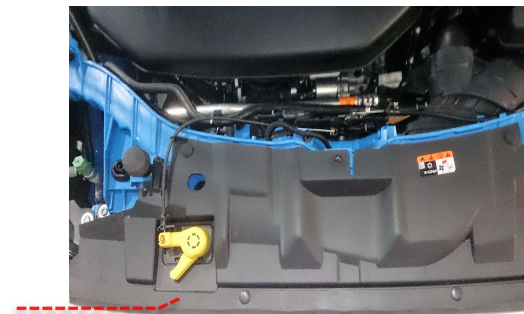
- 1 Raise the vehicle to gain access to the underside and remove the undertray. Note: the undertray is divided into two pieces.



- 2 Before removal of the bumper, disconnect the temperature sensor on the left-hand side of the vehicle. Remove the T30 bolt and a plastic flat head screw securing the bumper.



- 3 Gently pry up the rubber trim on the top of the bumper. Remove the bonnet latch cable. Remove the head light washer covers by gently pulling them out of the bumper. Then remove the cover by twisting it, as the red arrow indicates.



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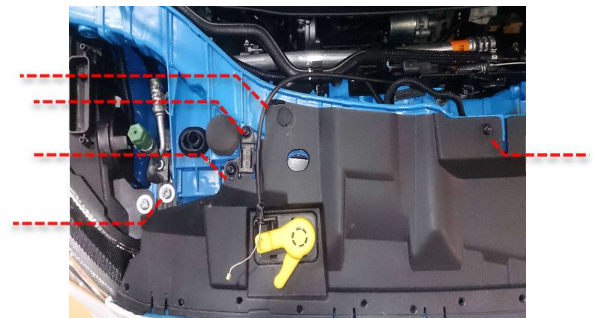
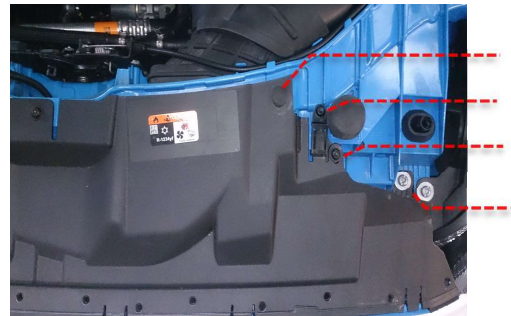
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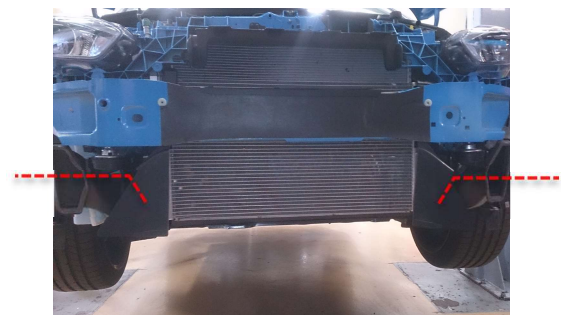
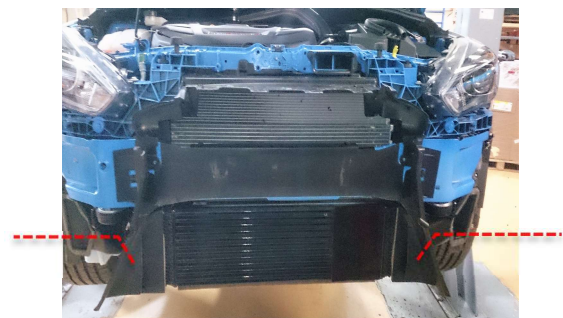
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- Remove the 7 x T30 bolts on the top of the bumper, 2 x plastic flat head screws, 3 x T30 bolts in each side and a T30 bolt in the centre.

Note: with one person either side of the bumper, remove the front bumper and store safely so as not to damage any paintwork.



- Remove the two air guides by pulling them gently. Remove the two remaining plastic covers by pulling them downwards.



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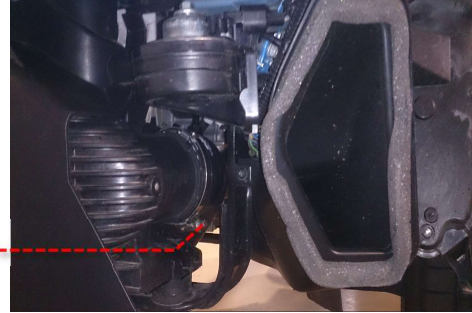
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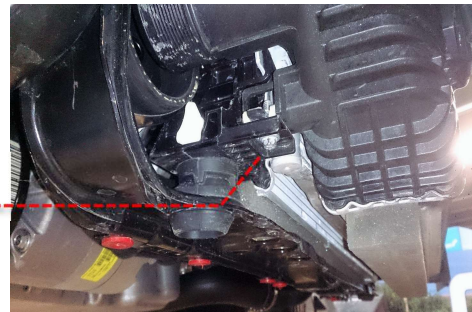
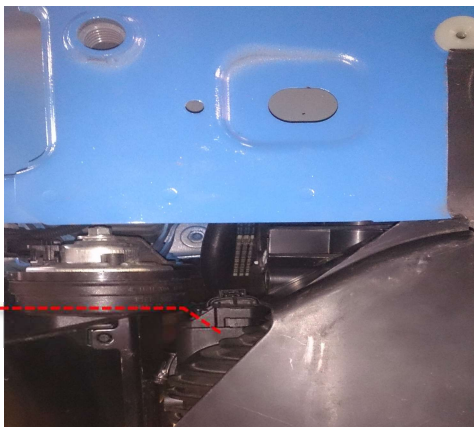
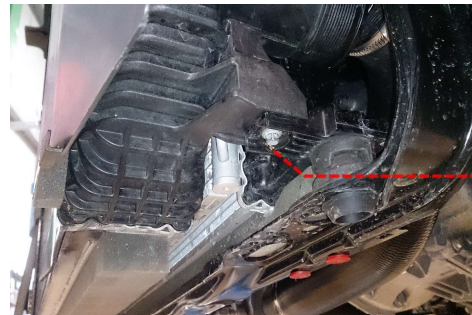


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- 6 Use a 7mm socket to unscrew the two hose clamps that secure the intercooler discharge and throttle hoses.



- 7 Disconnect the air temperature sensor from the OE intercooler. Using an 8mm socket unscrew the 2 x bolts, at the bottom of the intercooler and remove the intercooler.



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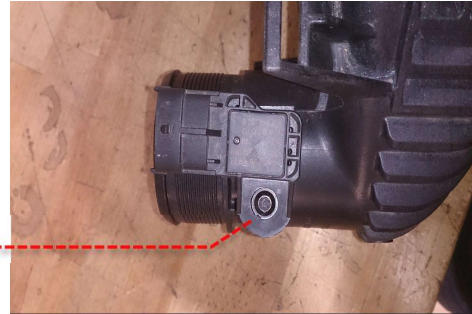
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- 8 Remove the temperature sensor from the OE intercooler using a T20 socket.



- 9 Secure the temperature sensor to the Revo intercooler using a M4x10mm hex key bolt and a M4 washer.



- 10 Secure the intercooler brackets onto the intercooler using 4 x M6x10 cap head bolts and 2 x M6 washers. Note: there is a left-hand side bracket and a right-hand side bracket. The Revo logo on them should be right side up when looking at the front of the vehicle.



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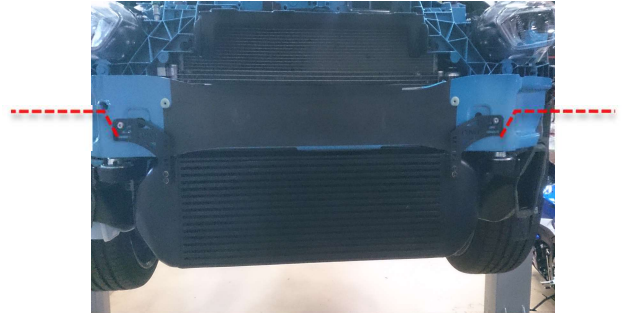
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- 11** Using 2 x M6x16 cap head bolts, 4 x M6 washers and 2 x nylock nuts secure the intercooler to the crash bar through the brackets s shown.



- 12** Use 2 x M6x20 bolts, 4 x M6 washers and 2 x M6 nylock nuts, to secure the Revo intercooler to the OE mounting points, with a 10mm socket and a 10mm spanner. Reconnect the air temperature sensor and tighten the intercooler hoses using a 7mm socket.



- 13** Check that everything is tight and is correctly aligned. Refit all OE parts back to vehicle, reinstallation is the reverse of removal. Follow any factory torque specification during reinstallation of OE parts. Check all sensors/electrics are reconnected. Also check bonnet release cable is refitted.

Note: the plastic air guides removed in step 5, do not get reinstalled.

Test drive the vehicle to ensure vehicle performs correctly and there are no leaks/part interference during operation. Your installation is now complete!