

Fitting Instructions

Revo Intake Upgrade Kit 1.6 Fiesta ST EcoBoost

Fitting Difficulty



Dealer Fit Recommended

Contents

| Description | Quantity |
|----------------------------------|----------|
| Revo Air Filter | 1 |
| Revo Intake Pipe | 1 |
| Revo Elbow Hose | 1 |
| Revo Reducer Hose | 1 |
| Revo Breather Hose | 1 |
| Breather Connector | 1 |
| Revo Heatshield | 1 |
| Pipe Bracket 1 | 1 |
| Pipe Bracket 2 | 1 |
| Heatshield Bracket | 1 |
| Hose Clamp Mini Bracket Assembly | 1 |
| 70-90 Hose Clamp | 2 |
| 60-80 Hose Clamp | 2 |
| 50-70 Hose Clamp | 1 |
| 25-35 Hose Clamp | 2 |
| 13-20 Hose Clamp | 1 |

Recommended Tools

| Tools | Size |
|-------------------------|-------------|
| Ratchet | |
| Sockets | 7, 10, 13mm |
| Spanner | 10, 13mm |
| Constant Tension Pliers | |

| | |
|-----------------------|---|
| M8 Washer | 2 |
| M8 Nylock Nut | 1 |
| M8x15 Bolt | 1 |
| M6x16 Bolt | 2 |
| M6 Washer | 5 |
| M6 Nylock Nut | 1 |
| 50mm Rubber Rawl Plug | 2 |
| M6x50 Bolt | 2 |



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.



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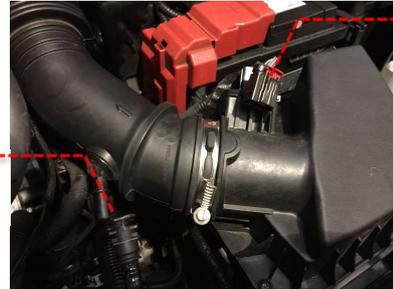
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- 1 Remove engine cover and unplug the air flow sensor and remove the first breather pipe.



- 2 Unplug the second breather pipe from the breather nozzle found on the upper-rear of the engine



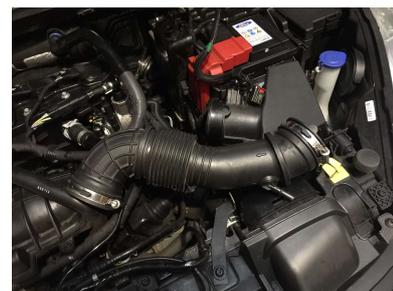
- 3 Remove the other end of the breather pipe from the front of the engine.



- 4 Unclip the third breather pipe from its nozzle and move to the right to help with installation.



- 5 Loosen the hose clamps on both ends of the front intake pipe and remove from the vehicle.



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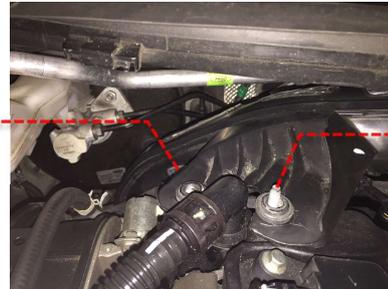
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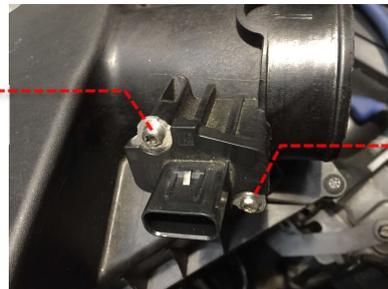
- 6 Remove the nut and engine cover mounting bolt holding the rear intake pipe bracket down. Reach down the back and loosen the hose clamp that holds the pipe to the turbo inlet. Once loose pull up on the pipe and remove from the vehicle.



- 7 Unclip the air duct from the front of the vehicle, then pull up on the airbox, you should feel it pop out of the rubber mounts, then remove from the vehicle.



- 8 Unscrew the air flow sensor from the OE airbox and place safely to one side for use later in the installation.



- 9 Attach the new Revo reducer hose to the intake pipe, as shown. Ensure to attach to the end of the pipe with the shortest bend. Using the 70-90 hose clamp secure the Revo reducer to the intake pipe.



- 10 Take the long Revo breather hose and using the 25-35 hose clamp secure to the underside of the new intake pipe.



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- 11 Install the new intake pipe using the 50-70 hose clamp onto the Revo reducer hose securing it over the turbo inlet. Then secure the other end of the long silicone breather hose onto the front breather inlet, as shown, using the 25-35 hose clamp.



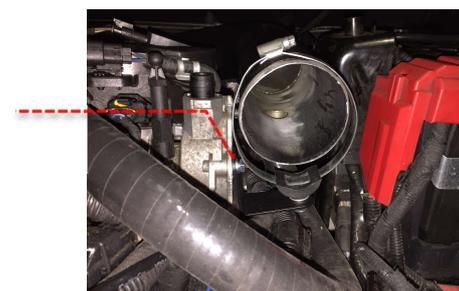
- 12 Install the main pipe bracket by bolting one end to the engine cover mount, and then place the top of the bracket on the pipe as shown. Attach to the pipe using the M8x15 bolt, M8 washers and M8 nylock nut.



- 13 Assemble the secondary pipe bracket with the clamp, as shown. You will need to fully undo the hose clamp so you can slide it through the mini bracket assembly.



- 14 Install the assembled bracket to the side of the engine using a M6x16 bolt and M6 washer, as shown.



- 15 Install the new Revo elbow hose to the intake pipe through the hose clamp assembly. Loosely tighten the hose clamp and direct the Revo elbow hose downwards slightly. Install the small aluminium connector to the take-off on the hose using the 13-20 hose clamp. Ensure that the long part of the connector is in the silicone and the middle rim is offset from the edge of the silicone by about 3mm so the OE connector can clamp onto it.



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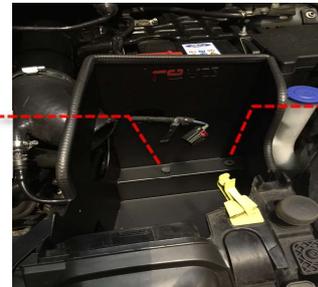
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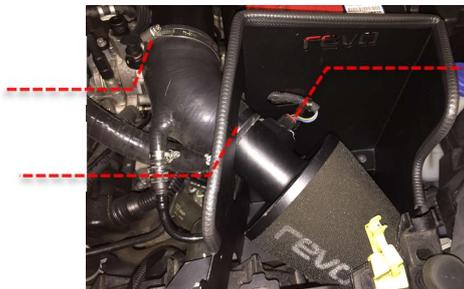
- 16 Install the heatshield using the 2 x 50mm rubber rawl plugs, M6x50 bolts and M6 washers on the base of the shield through the 2 x OE rubber mounting points. Adjust the Revo elbow hose so it is angled through the hole and then feed the air flow sensor cable through the hole at the rear.



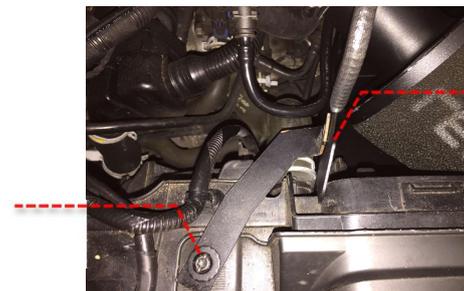
- 17 Install the OE air flow sensor, removed earlier, to the new Revo filter housing using the OE bolts.



- 18 Install the Revo air filter into the elbow hose using the 60-80 hose clamp, adjust the filter and hose to get the correct fit and tighten both hose clamps to secure. Next reattach the air flow sensor connector.



- 19 Install the heatshield bracket using the mounting point on the front slam panel using the OE bolt, as shown. Attach to the heatshield using the M6x16 bolt, M6 washers and M6 nylock nut.



- 20 Reattach the breather pipe going over the intake pipe. Check that all hose clamps are tight and that everything is attached correctly and refit the engine cover. Test drive the vehicle to ensure vehicle performs correctly and there are no leaks/part interference during operation. Your installation is now complete!

