

i30N Intake Kit

Contents

Description	
Intake Pipe	1
Heatshield	1
Silicone Reducer	1
20° Silicone Joiner	1
Air Filter	1
Heatshield Bracket	1
M6 x 16mm Caphead Screw	1
PFL Blow-off Hose	1
FL Blow-off Hose	1
M6 Anti-vibration Mount	1
60-80mm Jubilee Clamp	1
100-120mm Jubilee Clamp	3
M6 Flat Washer	2
M6 Spring Washer	1

Recommended Tools

Tools	Size
Sockets	10mm/7mm
Spanner	10mm
Allen Key / Allen Socket	5mm
Hose Clamp Pliers	
Pliers	



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



PK424 i30N

- 1 Release the 3 constant tension clamp using hose clamp pliers. One is located at the front and two at the back of the OE pipe.



- 2 Loosen the hose clamp that connects the OE hose to the airbox



- 3 Loosen the hose clamp that connects the OE hose to the turbo inlet



- 4 Disconnect the blow-off hose from the front of the intake pipe



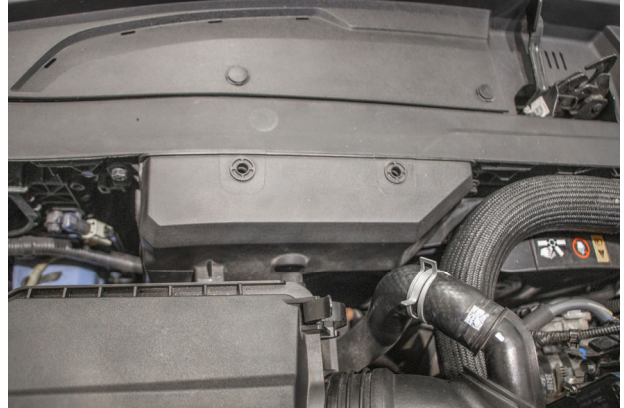
- 5 Disconnect the 2 rear re-circulation pipes from the rear of the intake pipe



- 6 Undo the 3 M6 screws using a 10mm socket securing the airbox base.



- 7 Remove the two screws securing the airbox scoop



- 8 Lift out the airbox and intake pipe.



- 9 Screw the M6 antivibration mount in to the OE thread as pictured.



- 10 Connect the heatshield bracket to the rear of the heatshield as pictured. Use M6 flat washer, spring washer and nyloc nut to secure.



- 11 Push the silicone reducer over the turbo inlet using the supplied 60-80mm jubilee clamp.



- 12 Identify the rubber blow-off hose required. The shorter hose is for pre-face lift cars and the longer one for post-facelift cars.

Use the OE spring clamp to connect the blow-off hose to the blow-off valve.



- 13 Remove the engine cover by pulling up. Remove the rear right mounting stud using a 10mm socket or spanner. This will be used to secure the intake pipe.



- 14 Place the heatshield in to the engine bay, locating the heatshield bracket on to the already fitted anti-vibration mount.



- 15 Secure the heatshield using the supplied M6 nyloc nut on the anti-vibration mount.



- 16 Secure the front of the heatshield using the screws removed from the OE duct.



- 17 Install the intake pipe in to the silicone reducer, use one of the 100-120mm jubilee clamps, don't tighten yet.



- 18 Align the pipe bracket with mounting stud hole and reinstall the mounting stud.



- 19 Connect the blow-off hose to the underside of the intake pipe.
Use OE spring clamp to secure in place.



- 20 Connect the two breather hoses to the top of the intake pipe using
OE spring clamps.



- 21 Install the 20° silicone joiner with a jubilee clamp to the front of
the intake pipe.



- 22 Install the air filter in to the end of the silicone joiner



- 23 Tighten all of the fixings and reinstall the engine cover.

