

RAMAIR

Fitting instructions for

JSK-351-BK

PRK-351-BK

Hyundai i30 N / Veloster N / Kona N with 2.0 T-GDi engine



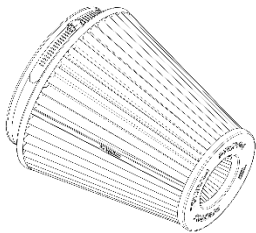
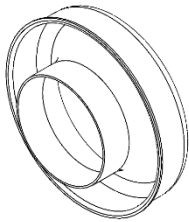
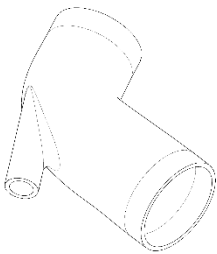
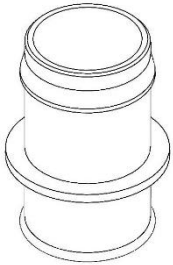
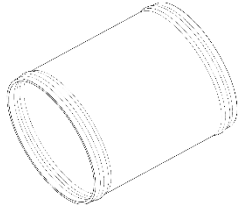
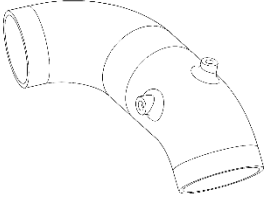
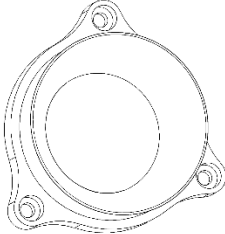
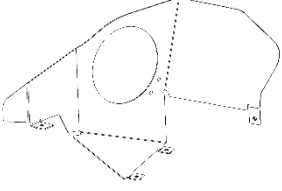
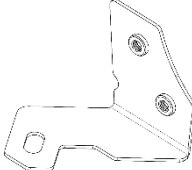
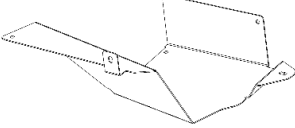
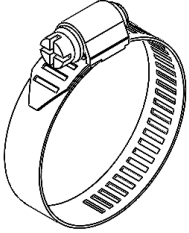
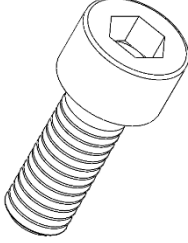
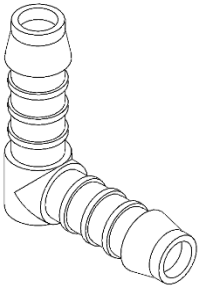
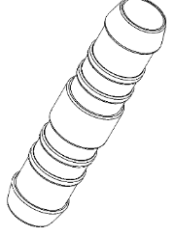
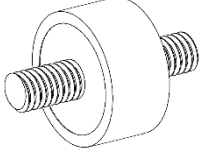
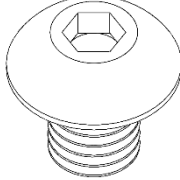
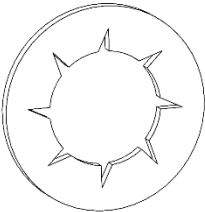
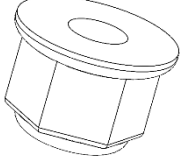
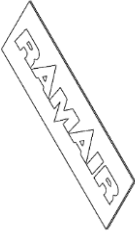
BEFORE STARTING ANY WORK ON THE VEHICLE PLEASE ENSURE THAT THERE ARE NO EXISTING ENGINE MANAGEMENT ISSUES.

IT IS RECOMMENDED THAT YOU READ AND UNDERSTAND THESE INSTRUCTIONS IN THEIR ENTIRETY BEFORE BEGINNING THE INSTALLATION.

IF YOU ARE AT ALL UNSURE ABOUT ANY ASPECT OF THE INSTALLATION PROCESS, PLEASE CONTACT RAMAIR FILTERS BEFORE PROCEEDING.

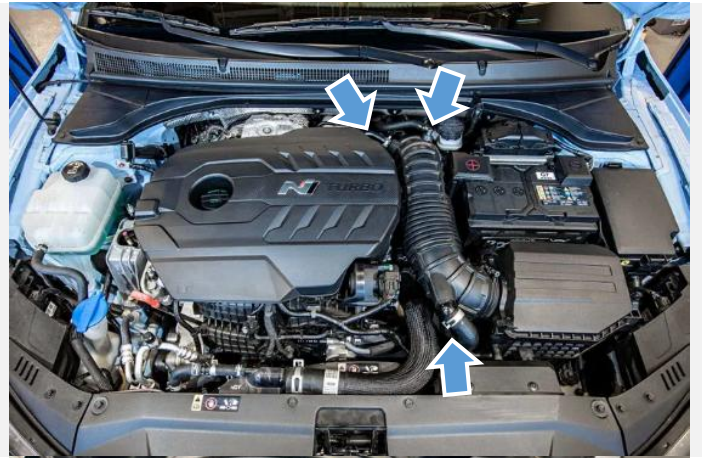
IRREVERSIBLE MODIFICATION (CUTTING, GRINDING, BENDING, GLUING, ETC) OF ANY COMPONENT OF THE KIT IS NOT REQUIRED FOR INSTALLATION TO A STANDARD VEHICLE, DOING SO MAY AFFECT YOUR WARRANTY.

ID	QTY	PART NUMBER	DESCRIPTION
A	1	PR-CC-195-150	Pleated Air Filter
B	1	VS-102-BK	Velocity Stack
C	1	RAMSIL-351-C005	Front Silicone
D	1	CNC-343-C001	Recirc Adapter
E	1	HP-351-C201	Pipe
F	1	RAMSIL-351-C007	Rear Silicone Hose
G	1	CNC-441-C003	Recirc Adapter
H	1	HS-351-B202	Side
I	1	HS-351-B203	Bracket
J	1	HS-351-C201	Base
W	1	530045-1000MM	1m Edge Trim
FITTING KIT			
K	1	WD100W2	Worm Drive Clamp
L	2	WD110W2	Worm Drive Clamp
M	1	WD120W2	Worm Drive Clamp
N	1	WD0440W2	Worm Drive Clamp
O	3	530143	Cap Head Screw M6x16mm
P	1	530015	Hose Joiner 10mm 90 Deg
Q	1	529832	Hose Joiner 12mm
R	3	540003	M6 Rubber Mount
S	6	530149	M5x6mm Button Head Bolt
T	6	530012	M5 Serrated Lock Washer
U	3	530132	M6 Locking Flange Nut
V	2	STICKER	Sticker

A 	B 	C 	D 
E 	F 	G 	H 
I 	J 	K 	L 
M 	N 	O 	P 
Q 	R 	S 	T 
U 	V 	W 	

01

Gently pull up to remove the engine cover and disconnect the 3 hoses from the intake hose.



02

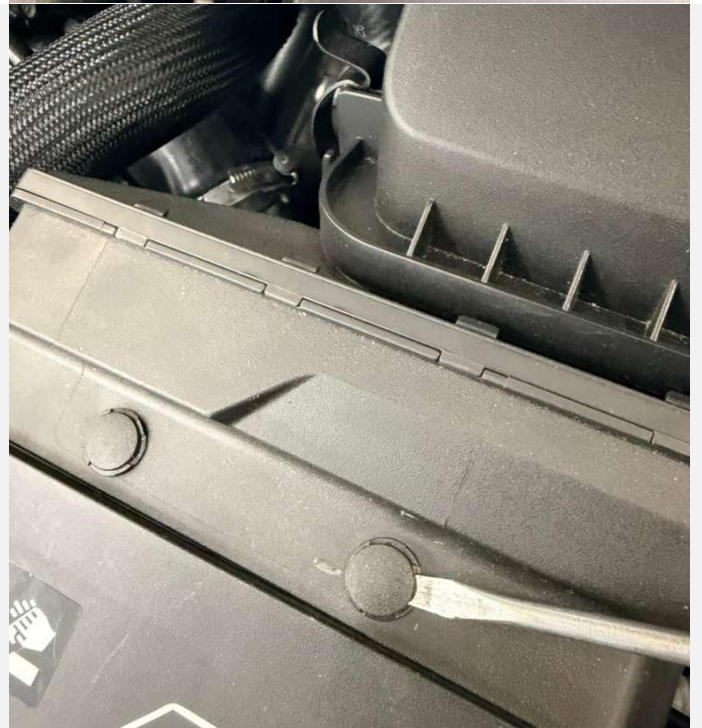
Undo the front and rear clamps using a #2 Philips screwdriver or 8mm socket, then remove the intake hose.



03

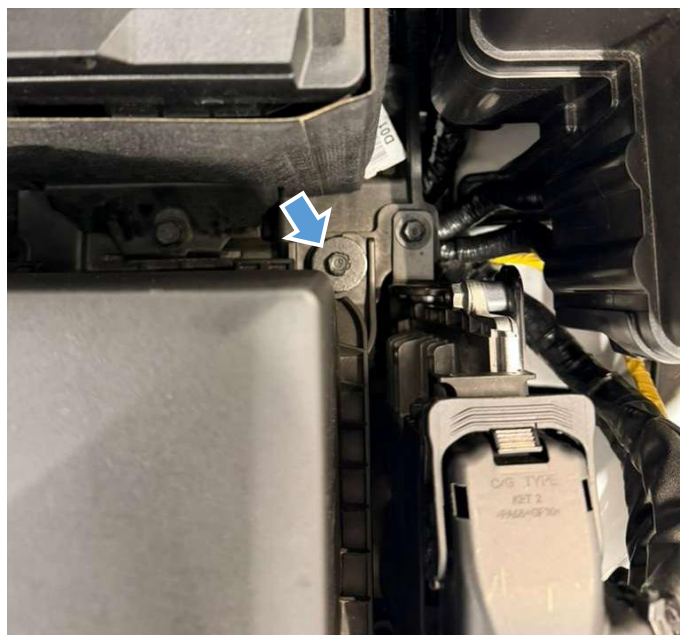
Remove the two plastic clips holding the air box duct. Then remove the duct.

Pro tip: Use a small precision flat-blade (number 2 size) screwdriver or a clip removal tool.



04

Remove the airbox by removing the three 10mm bolts.

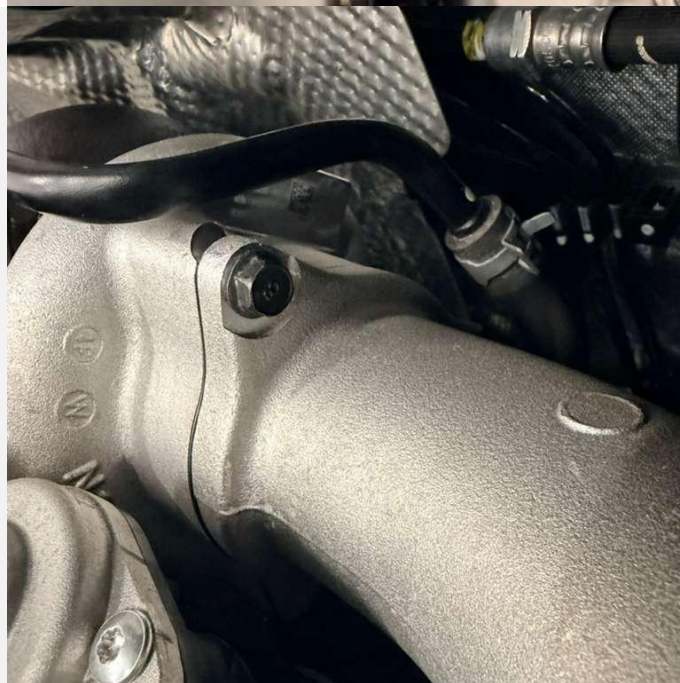


05

Remove the three 10mm bolts securing the Turbo inlet to the turbo. Save the gasket for the next step.

Note: If the gasket is in questionable condition, we recommend replacement.

Pro Tip: Before removing the lower bolt, attach a magnet to the shank of the bolt to avoid dropping.



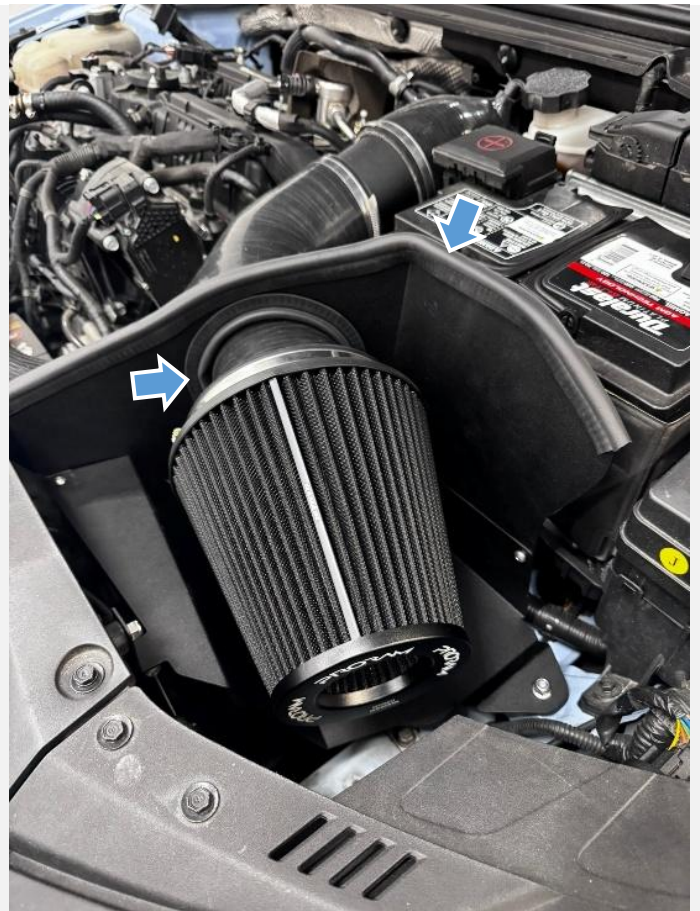
06

Install the inlet adapter using the supplied 5mm bolts.



07

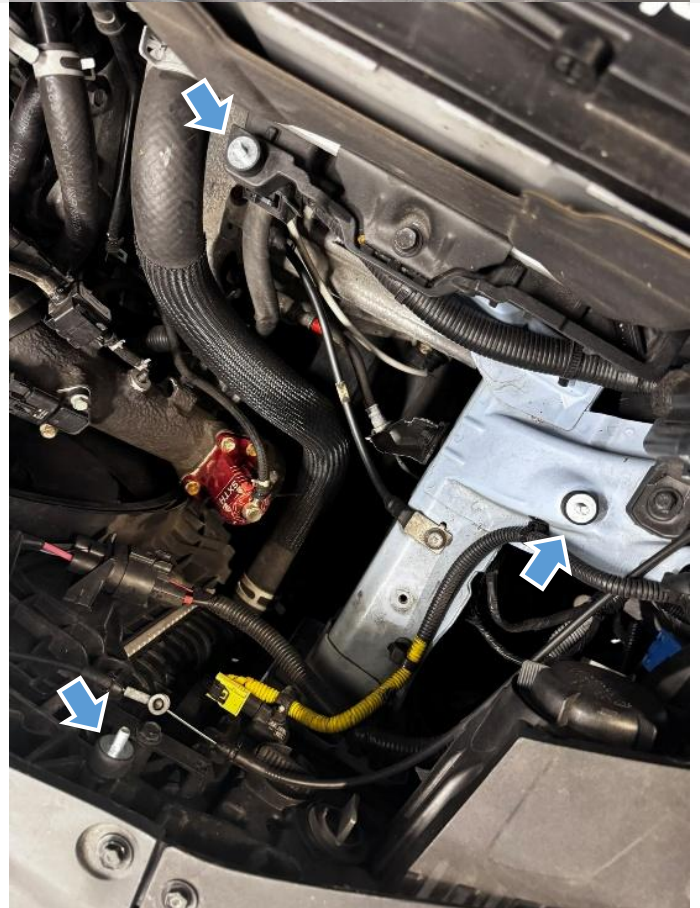
Assemble the heatshield parts and apply the edge trim as shown.



08

Install studs with integrated rubber isolator as shown.

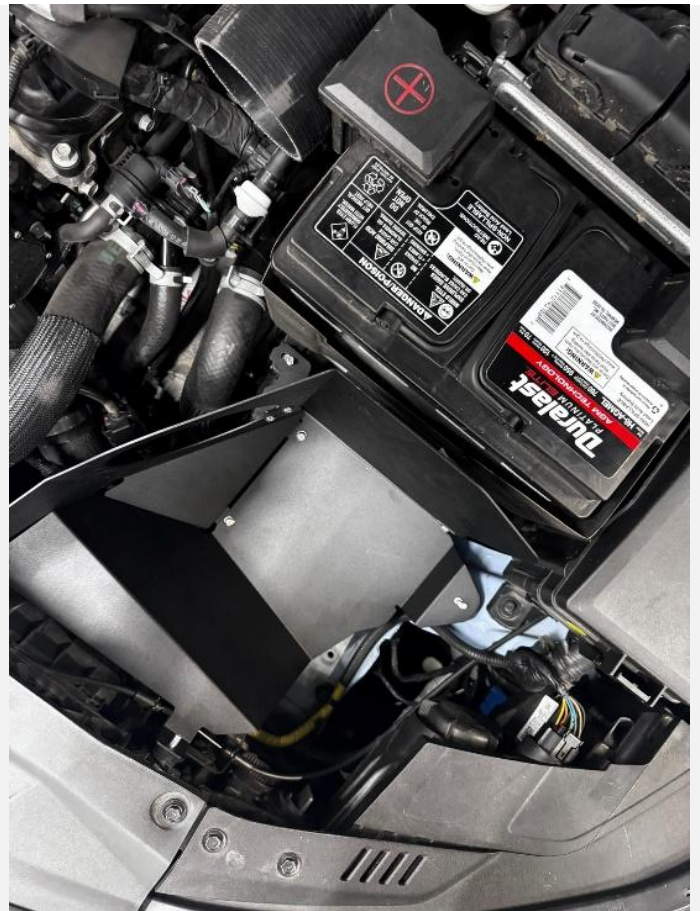
Pro-tip: when installing a mounting stud to the core support, use the supplied 10mm to seat mount.



09

Mount the airbox assembly as shown using the supplied 10mm hardware.

Pro-tip: Use a magnet for installing the retaining nut closest to the battery tray.



10

Assemble the intake hose using the silicone hoses and pipe and install it onto the turbo inlet adapter.



11

Connect the three hoses from Step 01 using the hose joiners and recirc adapter.

Note: This fitting will need to be capped off if running an external BOV. (Not Included)



12

Install the velocity stack and filter onto the intake hose.



13

Adjust the position and rotation of the silicone hoses so that there is clearance around the pipework assembly and that filter is not rubbing on the heatshield.



14

Reinstall the engine cover.

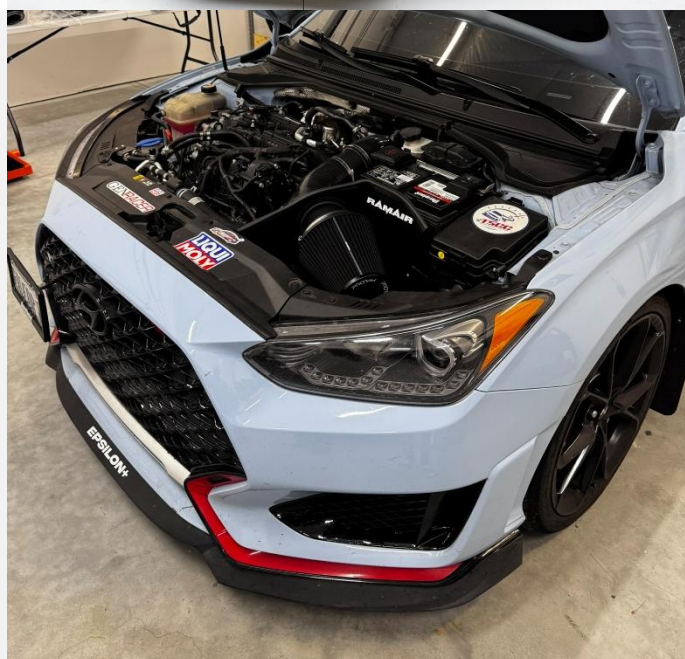


15

At normal air filter service intervals, you should remove the air filter for cleaning...

1. Remove the filter from the vehicle.
2. Shake loose any larger debris from the filter.
3. Clean the filter material with cleaning solution or warm soapy water.
4. Allow the filter to air dry naturally, do not use a heater or compressed air.

Reinstall the filter.



Notes:

