

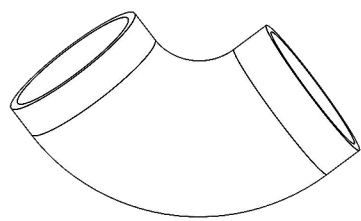
FORD RANGER PK446

Intake Instructions



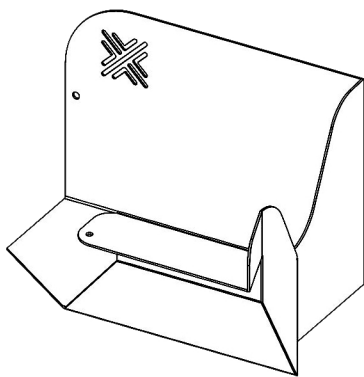
Parts List

SILICONE INTAKE PIPE



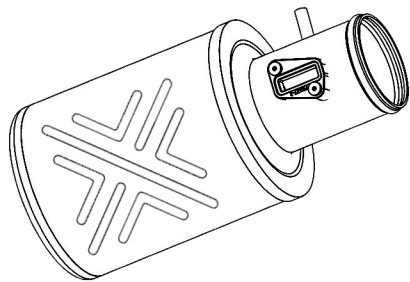
X1

HEATSHIELD



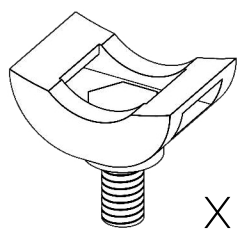
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FILTER



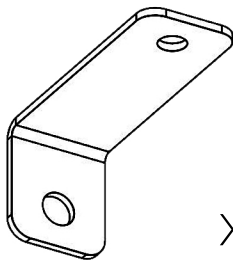
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MINI BRACKET



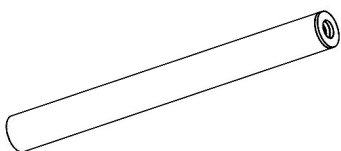
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FILTER BRACKET



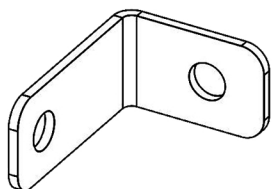
X1

HEATSHIELD SUPPORT



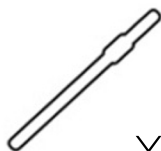
X1

HEATSHIELD BRACKET



X1

HOSE CLAMP
90MM>110MM



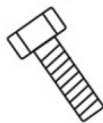
X2

M4 SPRING
WASHER



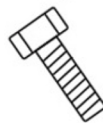
X2

M4 10MM
CAPHEAD



X2

M6 16MM
CAPHEAD



X4

M6 WASHER



X4

M6 NYLOCK
NUT



X2

M8 STEEL
WASHER



X1

M8 NYLOCK
NUT



X1



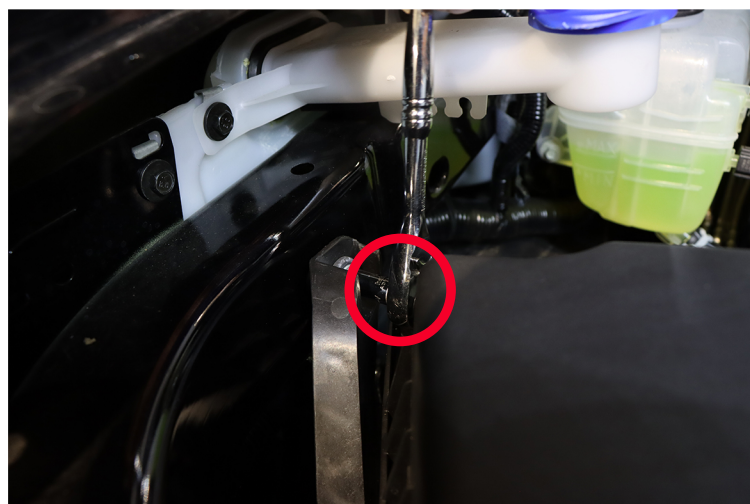
Step 1

Remove screw at the front of the air box



Step 2

Remove bolt at the rear of the air box



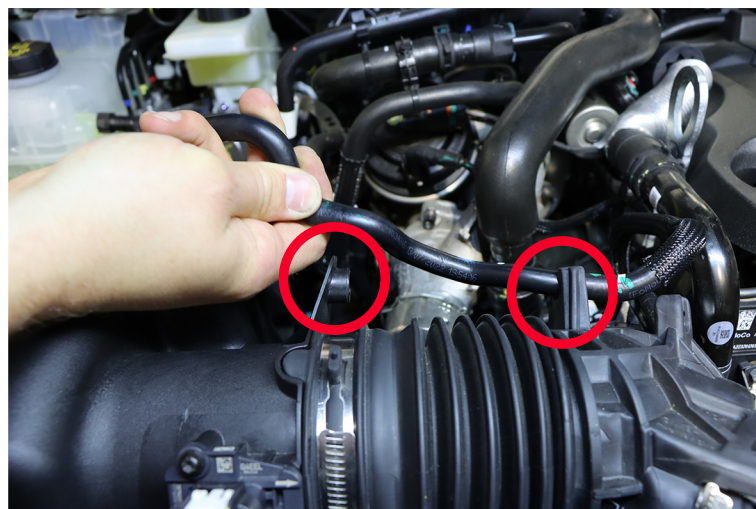
Step 3

Disconnect hose from the air box



Step 4

Un-hook hose from the intake pipe



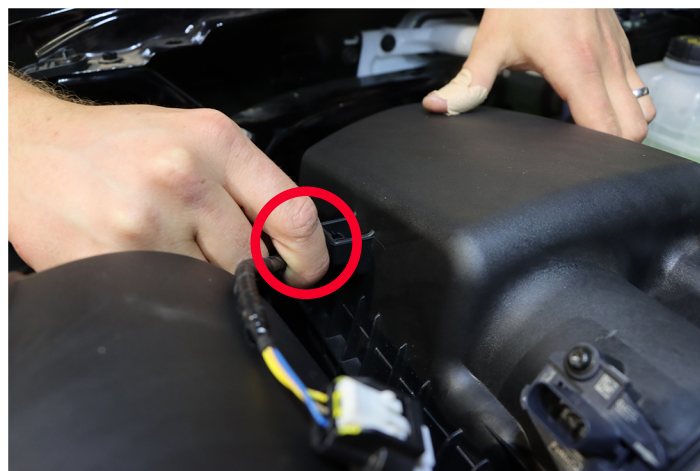
Step 5

Disconnect the MAF sensor



Step 6

Un-hook the MAF sensor wire from the air box



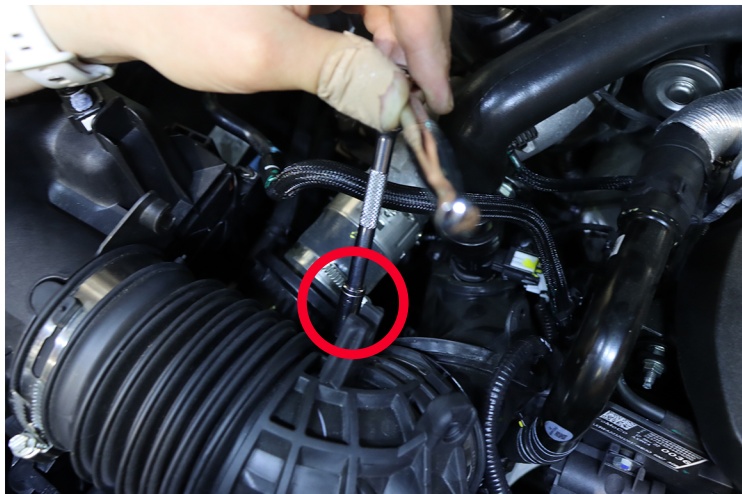
Step 7

Loosen the hose clamp at the front of the intake pipe



Step 8

Loosen the hose clamp at the rear of the intake pipe



Step 9

Disconnect the intake pipe from the air box



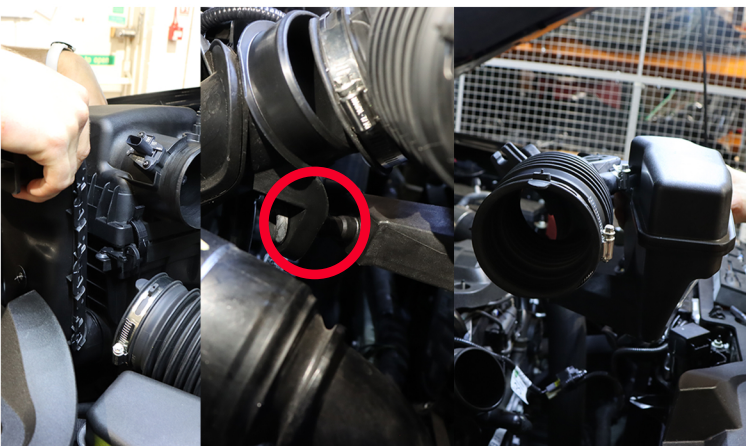
Step 10

Disconnect the intake pipe from the engine



Step 11

Lift the intake hose out at a 45° angle and pull with a little bit of force due to the pressure fit bung still holding the hose in place



Step 12

Cut two cable ties under the air box and lift out



Step 13

Unscrew the MAF sensor from the OEM air box



Step 14

Attach heatshield support to the underside of the heatshield using supplied M6 screw



Step 15

Place the heatshield into the engine bay (make sure support is in the hole shown)



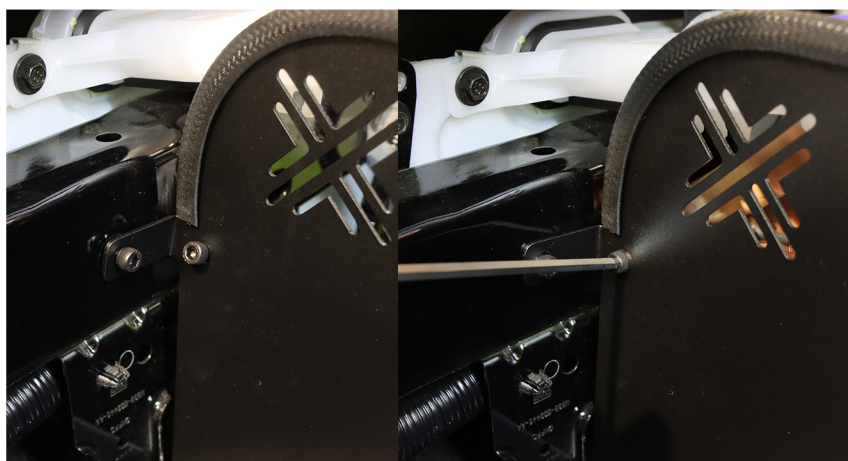
Step 16

Using the heatshield bracket place the short side behind the heatshield and loosely attach



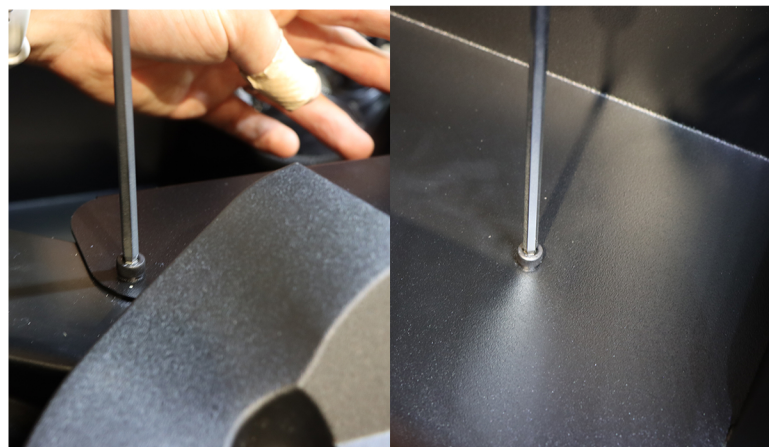
Step 17

Screw in the longer side of the bracket to the engine bay and tighten both sides



Step 18

Tighten the screw at the front and at the bottom of the heatshield



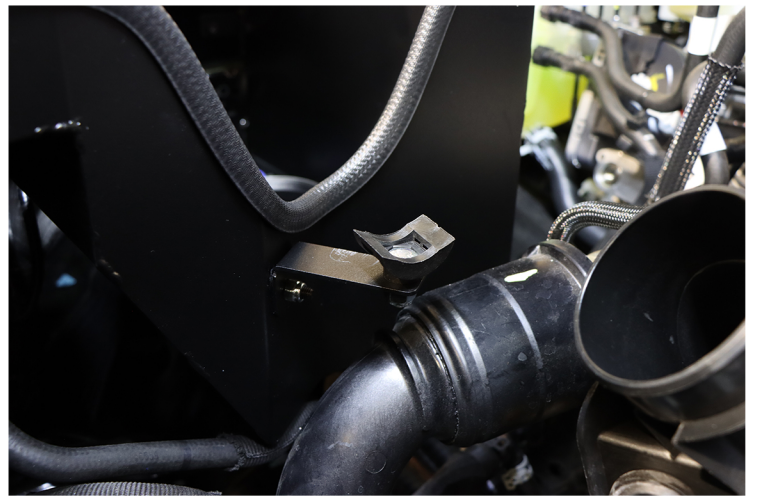
Step 19

Attach the mini bracket to the filter bracket on the long side



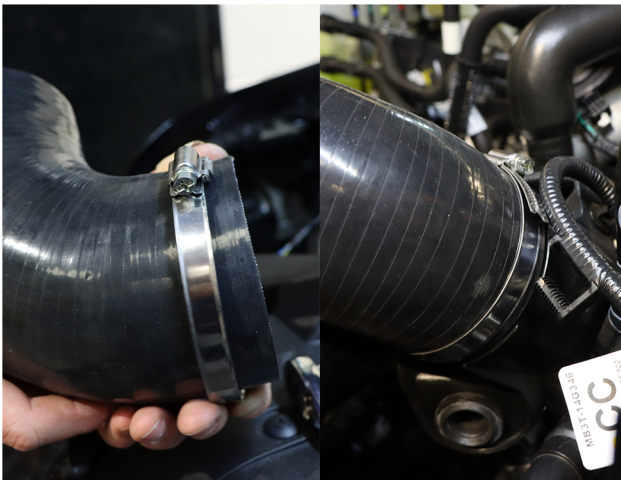
Step 20

Attach the bracket to the side of the heatshield



Step 21

Place a hose clamp over the short end of the silicone hose and place onto the connector



Step 22

Loosen the second hose clamp all the way and feed it through the mini bracket and around the end of the silicone hose & loosely tighten



Step 23

Clip the wire for the MAF sensor into the hole on the front of the heatshield



Step 24

Place the MAF sensor into the filter neck, make sure the arrow is facing the silicone hose



Step 25

Screw down the MAF sensor into the filter neck



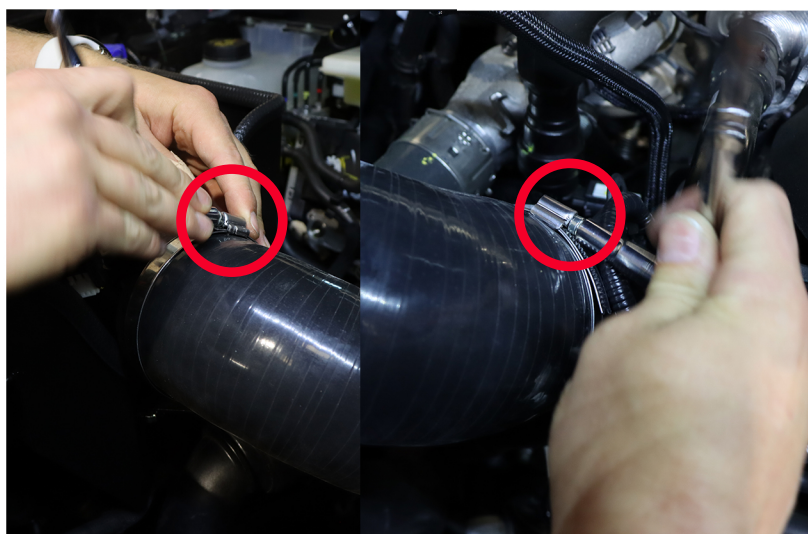
Step 26

Place the filter into the silicone hose neck



Step 27

Tighten both hose clamps



Step 28

Re-attach hose to the filter neck



Step 29

Re-connect the MAF sensor



Step 30

You are ready to get back on the road!

