

TOYOTA GR YARIS PK433

Intake Instructions



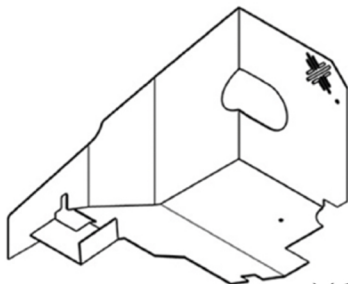
Parts List

INTAKE PIPE



X1

HEAT SHIELD



X1

FILTER



X1

SILICONE CONNECTOR



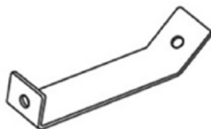
X1

SILICONE REDUCER



X1

HEAT SHIELD BRACKET



X1

HOSE CLAMP 70MM-90MM



X2

HOSE CLAMP 150MM-170MM



X1

M4 6MM SCREW
(FOR MAF)



X2

M6 10MM BOLT



X1

M6 16MM BOLT



X1

M6 NYLOCK
NUT



X2

M4 SPRING WASHER



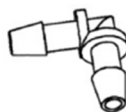
X2

M6 WASHER



X2

90° JOINER

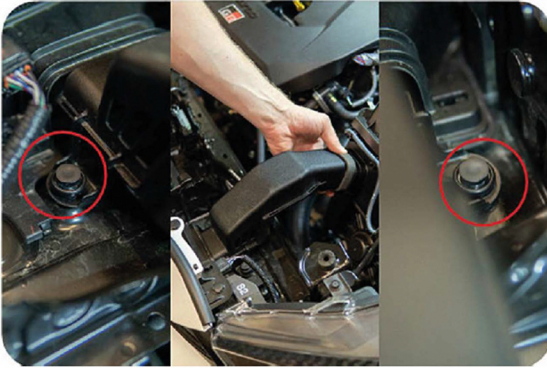


X1



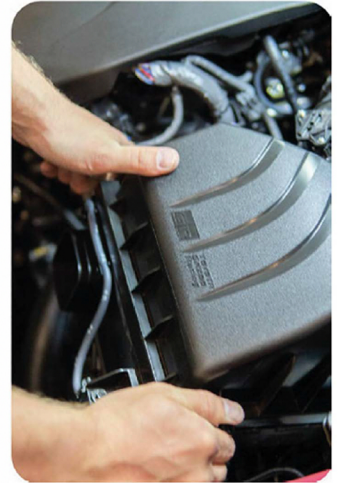
Step 1

TO REMOVE THE INTAKE SNORKEL YOU NEED TO TAKE OUT THE TWO PLASTIC RIVETS. (MARKED IN RED)



Step 2

TO REMOVE THE AIRBOX COVER, RELEASE TWO METAL CLIPS ON EITHER SIDE.



Step 3

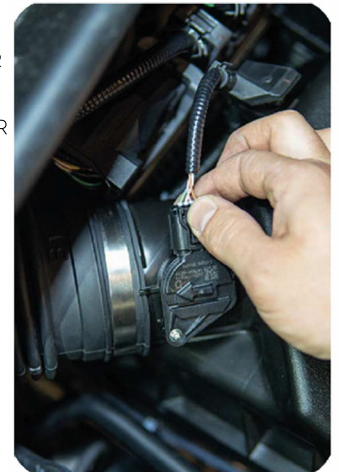
REMOVE THE CABLE FROM ITS HOLDER ON THE BACK OF THE LID (DO NOT REMOVE THE HOLDER)



Step 4

UNPLUG THE MAF SENSOR AND PLACE TO THE SIDE.

UNSCREW THE MAF SENSOR AND RE-INSTALL IN THE NEW INTAKE PIPE



Step 5

REMOVE THE VACUUM HOSE ON THE TURBO INLET THAT GOES TO THE AIR FILTER BOX AND REPLACE THE T-PIECE WITH THE INCLUDED 90 DEGREE - 2-WAY CONNECTOR.

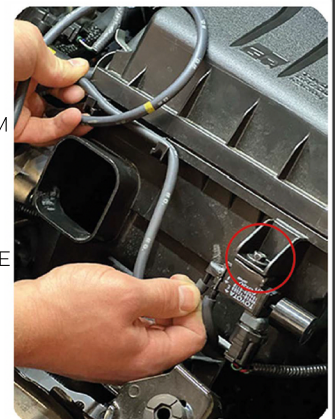


Step 6

LOOSEN THE HOSES AND CABLES FROM THE ELECTRONICALLY CONTROLLED VACUUM VALVE, THEN UNBOLT FROM THE BOX.

THE VALVE MUST BE MAINTAINED OTHERWISE AN ERROR WILL BE DETECTED AND THE ENGINE PERFORMANCE WILL BE REDUCED

(SEE STEP 9)



Step 7

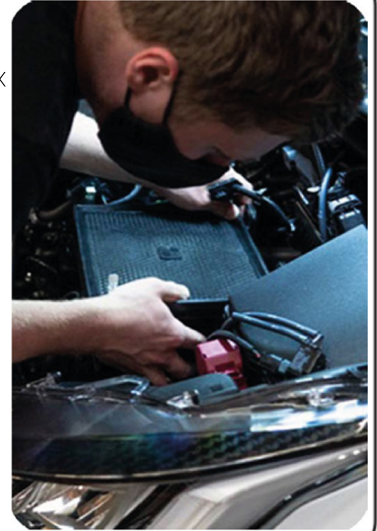
AT THE TURBO INLET, LOOSEN THE CLAMP FROM THE CONNECTOR HOSE AND PULL OFF.

(REMOVE THE ENTIRE UPPER SECTION INCLUDING THE HOSE)



Step 8

GRAB THE REMAINING SECTION OF THE AIRBOX AND PULL UPWARDS WITH A SLIGHT TUG.



Step 9

AS MENTIONED IN STEP 6, THE VACUUM VALVE MUST BE MAINTAINED.

TO DO THIS, SCREW THE VALVE INTO THE EXISTING HOLE IN THE LEFT WHEEL ARCH

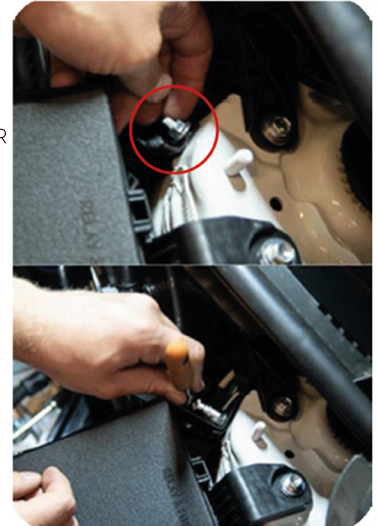
THEN PLUG IT BACK IN.

(ALL PREPARATIONS ARE COMPLETED.)



Step 10

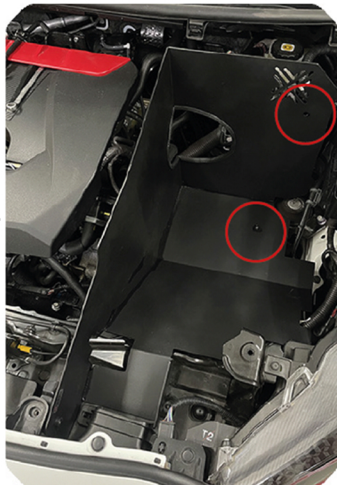
REMOVE THE NUT ON THE LEFT DOME AND MOUNT THE INCLUDED HOLDER WITH A 90-DEGREE ANGLE TOWARDS THE DOME. REPLACE THE NUT AND TIGHTEN IT.



Step 11

BEFORE INSTALLATION, INSTALL THE METAL BALL HEAD AT THE BOTTOM OF THE HEAT SHIELD WITH A SELF-LOCKING NUT POINTING DOWNWARDS.

NOW INSTALL THE SHIELD AND PLACE THE BALL HEAD INTO THE RUBBER BUFFER. SCREW THE HEAT SHIELD TO THE HOLDER ON THE DOME.



Step 12

REMOVE THE ORIGINAL SCREW AS MARKED IN THE PICTURE.

USING THE SUPPLIED M6-15MM SCREW AND A WASHER, SCREW THE OUTSIDE OF THE HEAT SHIELD TO THE VEHICLE BODY. THEN FASTEN THE SUPPORT ROD AGAIN WITH THE ORIGINAL SCREW.



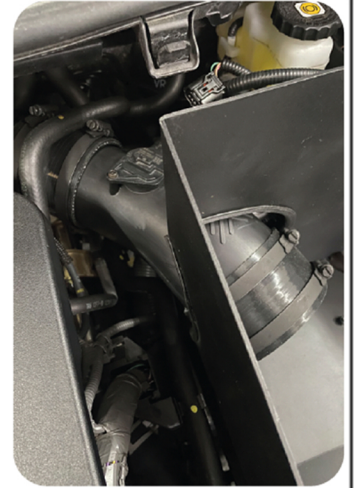
Step 13

MOUNT THE NEW SILICONE CONNECTOR WITH THE NOTCH ON THE ORIGINAL TURBO INLET. THE NOTCH MUST BE INSERTED CORRECTLY, THEN PUT ON THE HOSE CLAMPS, TIGHTEN THEM SLIGHTLY SO THAT THEY ARE STILL MOVABLE.



Step 14

INSERT THE INTAKE PIPE (WITH THE MAF SENSOR INSTALLED) INTO THE SILICONE CONNECTOR, THEN PLACE JUBILEE CLIPS OVER THE INTAKE PIPE AND PLACE THE SECOND LARGER SILICONE HOSE ON END AND LOOSELY ATTACH.



Step 15

INSERT THE FILTER INTO SILICONE CONNECTOR.

MAKE SURE THE FILTER DOES NO REST ON THE HEATSHIELD AND TIGHTEN THE CLAMPS.



Step 16

RE-CONNECT THE MAF SENSOR.

HAVE THE OPEN INTAKE REGISTERED WITH THE ENCLOSED PARTS REPORT.

