



W A R N I N G

NISSAN PATROL GQ 4.2 EXTREME FITTING INSTRUCTIONS

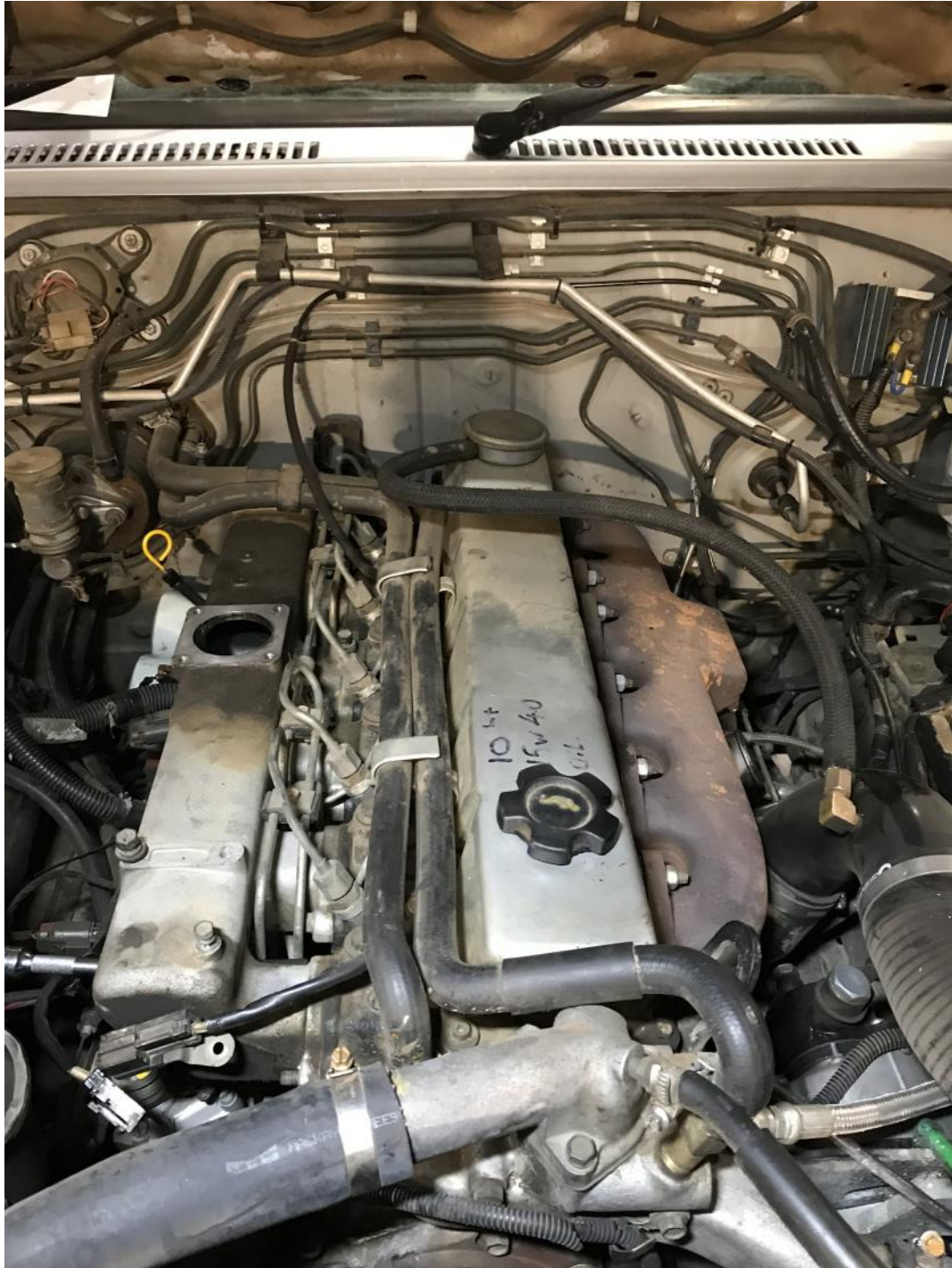
WARNING: Failure to follow this procedure will void your warranty.

- Do not use this product in any other motor vehicle for which it is not designed.
- Do not use any other mounting location / method other than described in this instruction.
- It is advisable to seek assistance of another person when installing this product.
- Do not repair or modify this product and / or its mounting bracket in any way - repair or modification may affect proper operation of the vehicle or cause destruction of property.
- Be sure to clean and remove any loose debris before removing pipe work as debris entering the engine could be detrimental to the engine and or components

REMOVE SOUND DEADENING FROM THE BONNET USING A TRIM REMOVAL TOOL.

DISCONNECT WASHER HOSE.

REMOVE CROSSOVER PIPE/ AIRBOX / TURBO PIPES.

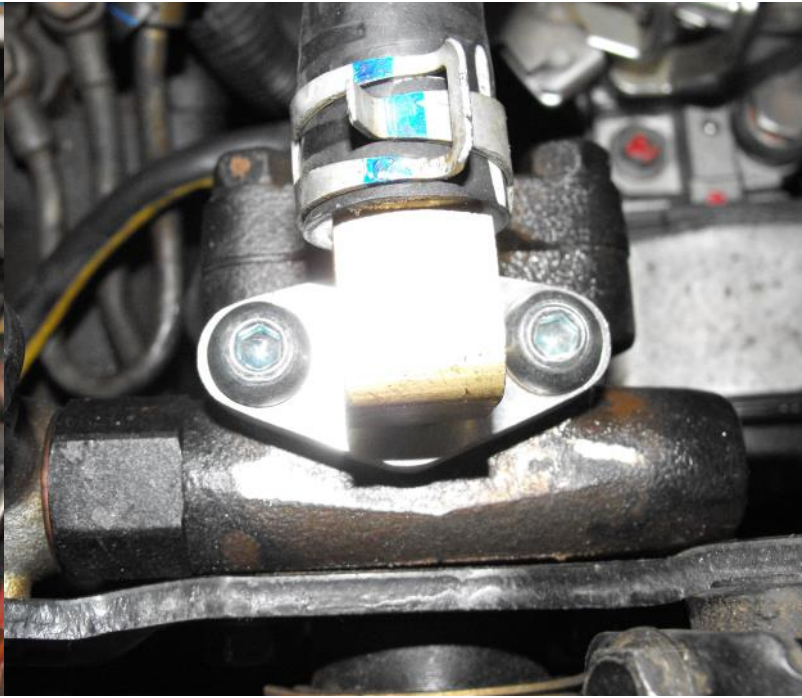


REMOVE THE POWER STEERING PUMP FROM THE VEHICLE. SET IN VICE. REMOVE PULLEY. GENTLY PRY OF DUST SEAL. REMOVE LARGE BRACKET BEHIND THE PULLY. REMOVE REAR BOLT AND INTERNAL BOLT BY REMOVING INTERNAL FILTER. REMOVE RESERVOIR FROM PUMP. REINSTALL LARGE BRACKET, DUST COVER AND PULLEY.



INSTALL SUPPLIED FITTING AS SHOWN USING THE O RING AND TWO M8 NUTS SUPPLIED. RE INSTALL THE POWER STEERING PUMP TO THE CAR. IF MORE CLEARANCE IS NEEDED TO CLEAR THE PIPEWORK FOR THE PLENUM A LONGER BELT CAN BE USED.

INSTALL SUPPLIED MOUNTING BRACKET AS SHOWN.

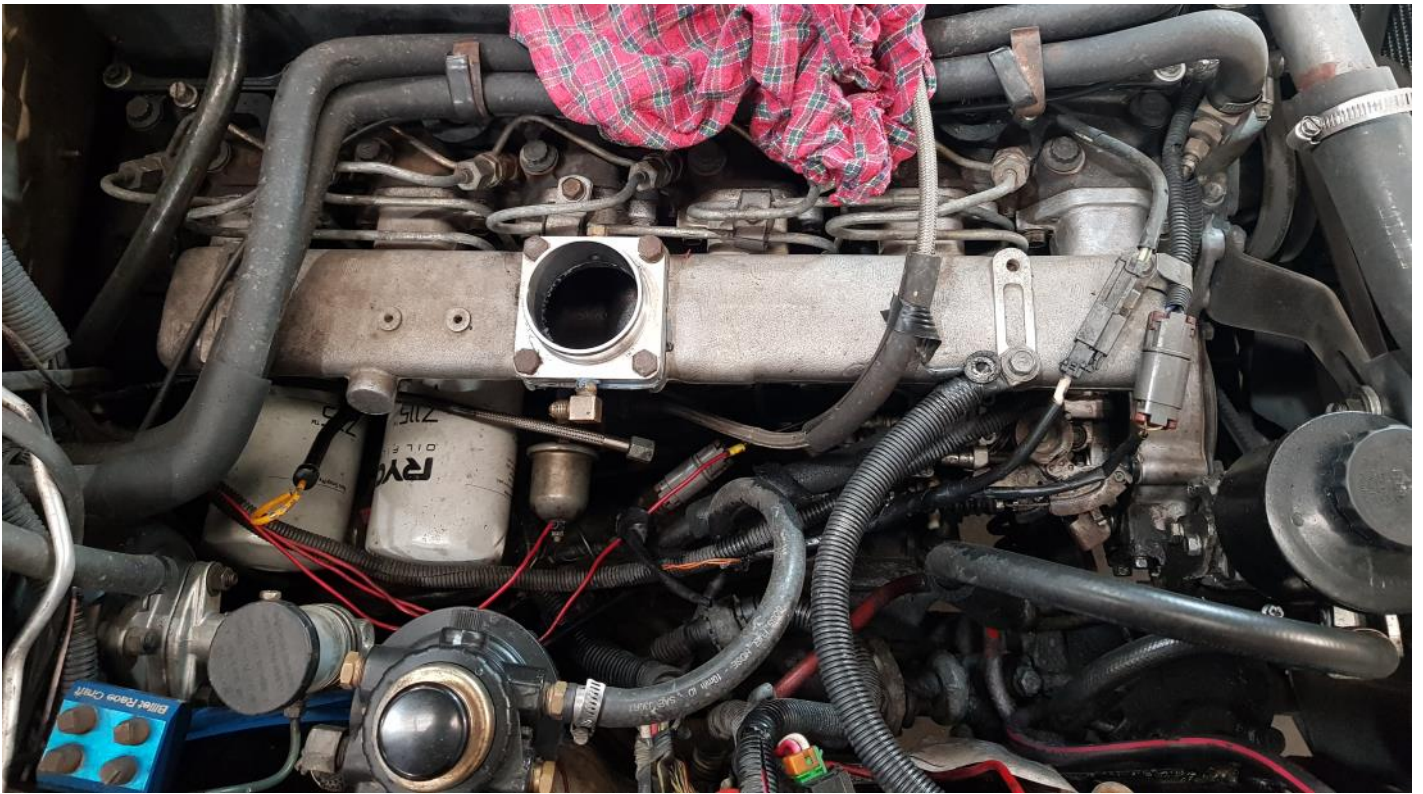


BOLT SUPPLIED POWER STEERING RESERVOIR TO NEW BRACKET. CONNECT SMALL LINE AND USE SUPPLIED 5/8 HOSE TO CONNECT RESERVOIR TO POWER STEERING PUMP.

TOP UP WITH FLUID AND BLEED AFTER THE INTERCOOLER IS FITTED.



NEXT REMOVE THE INTAKE MANIFOLD BY REMOVING THE EARTH CABLES AND ALL ELECTRICAL CONNECTORS ATTACHED TO THE MANIFOLD.



REMOVE THE THREE FUEL LINE MOUNTING BRACKETS AND REMOVE.

UNDO THE MANIFOLD MOUNTING NUTS.

REMOVE THE FACTORY MANIFOLD.

REMOVE ANY OLD GASKET WITH A RAZOR BLADE AND CLEAN THE MATING SURFACE.

INSTALL MANIFOLD GASKET SUPPLIED.

INSTALL THE FORWARD FACING PLENUM AND RE TIGHTEN MOUNTING BOLTS.

REINSTALL THE FUEL LINE MOUNTING BRACKETS.

INSTALL EARTH CABLE TO BOSS ON THE FRONT OF THE PLENUM.

CABLE TIE ANY LOOSE WIRES.

RUN SUPPLIED VACUUM HOSE FROM THE FITTING ON THE PLENUM TO THE BOOST COMPENSATOR ON THE FUEL PUMP IF APPLICABLE.



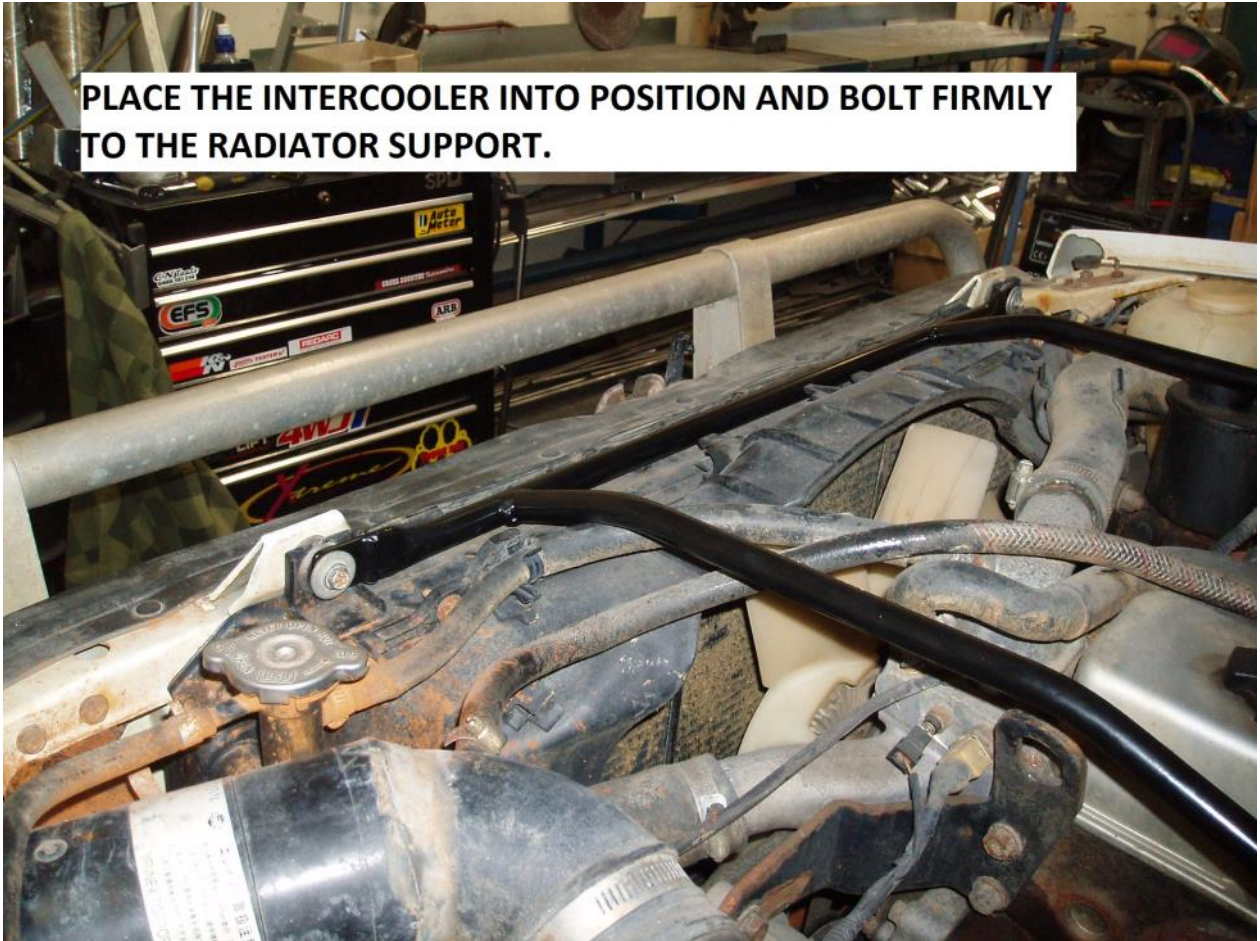


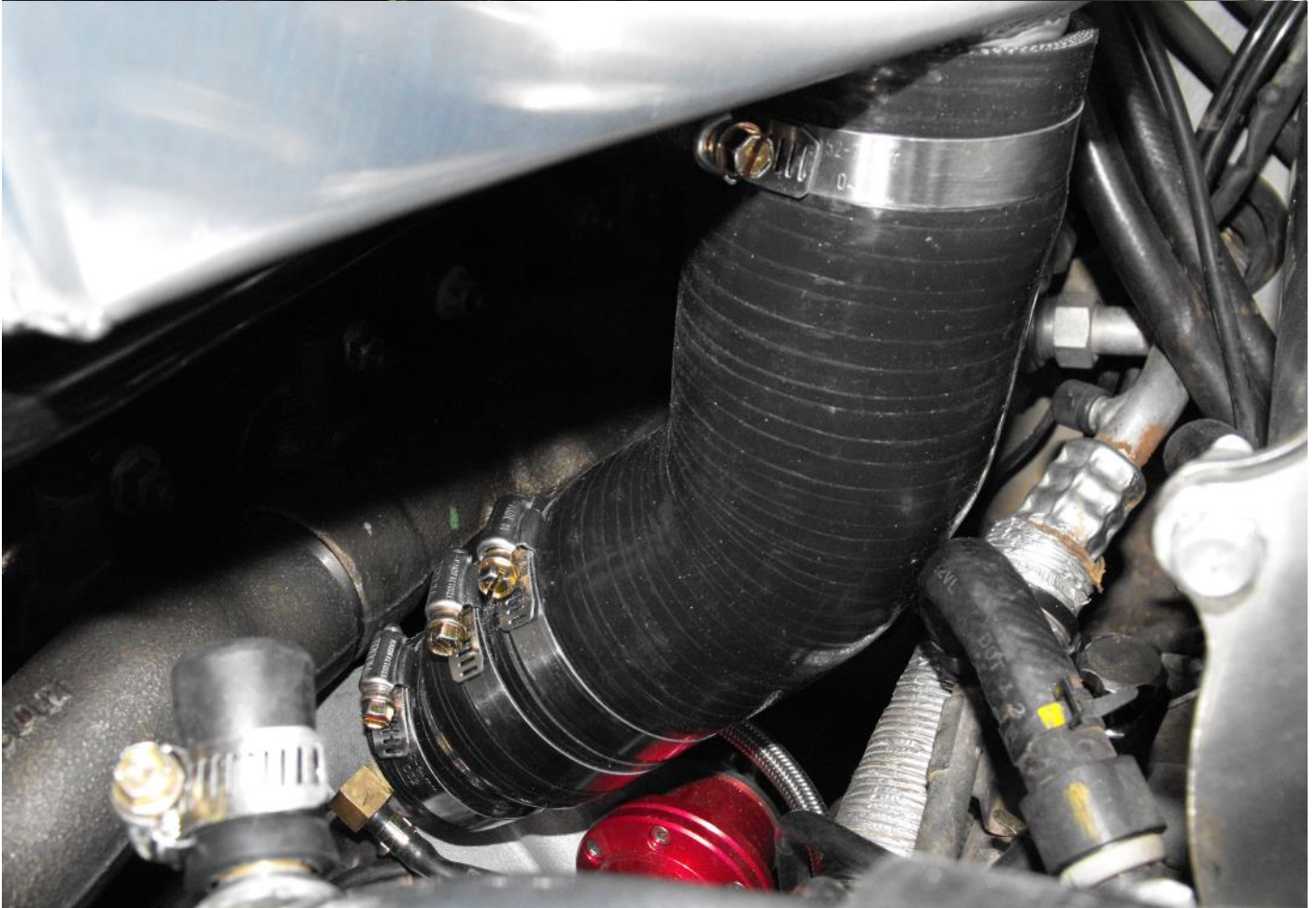
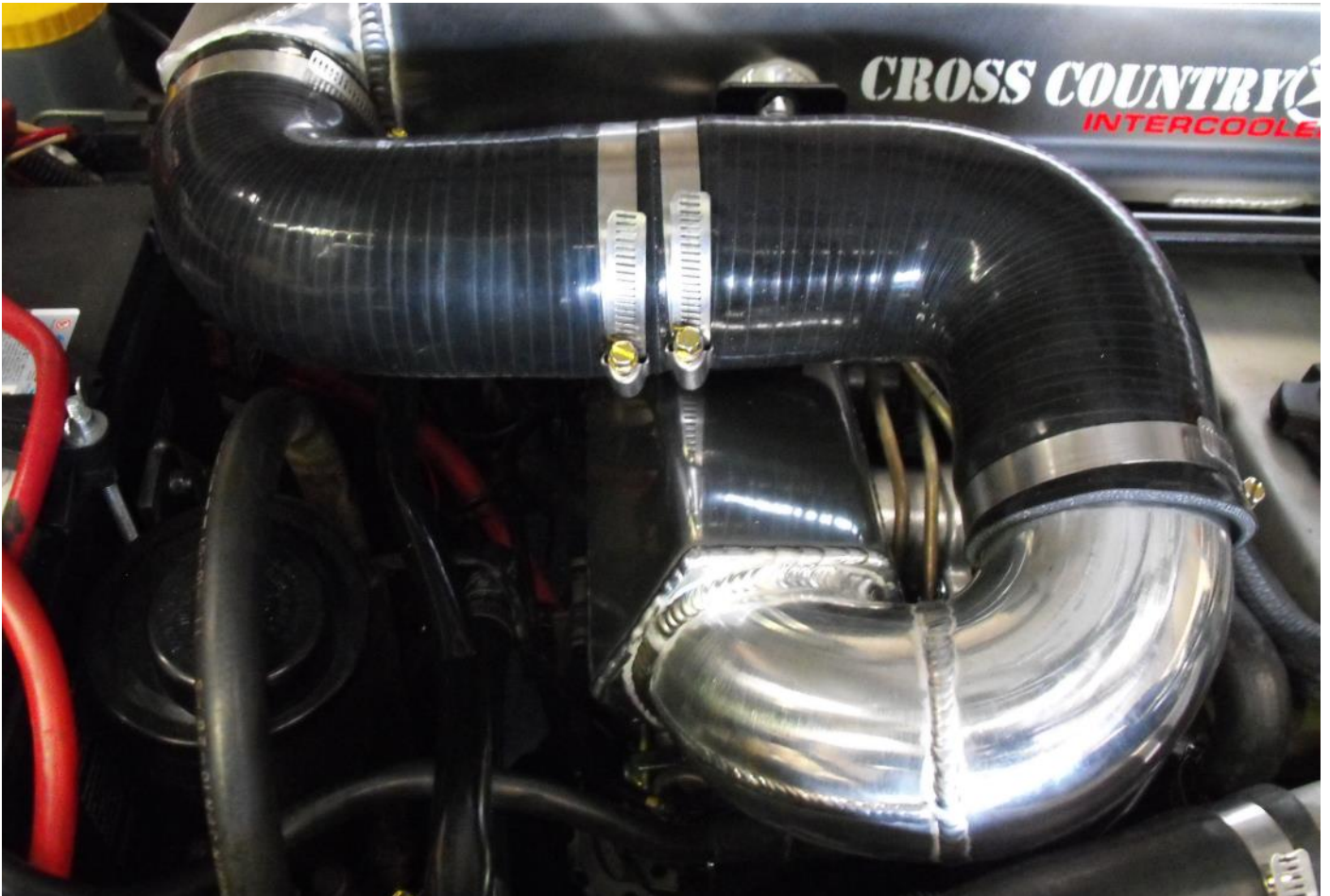
IF THE VEHICLES FUEL FILTER ASSEMBLY IS LOCATED ON THE DRIVERS SIDE IT WILL NEED TO BE MOVED SLIGHTLY FOR CLEARANCE. AN EASY WAY TO DO THIS IS TO RE DRILL THE MOUNTING HOLES ON THE PRIMER HOUSING TO MOVE IT TOWARDS THE GUARD FOR CLEARANCE TO THE INTERCOOLER.



ONCE POWER STEERING RELOCATION KIT AND PLENUM ARE INSTALLED. INSTALL INTER-COOLER AS SHOWN. TIGHTEN FRONT MOUNTING BOLTS AND REAR MOUNTING CLAMPS. INSTALL 2'- 2 1/2" 45 DEGREE SILICONE TO TURBO SIDE AND TRIM 3" 90 DEGREE SILICONES AS SHOWN AND INSTALL. TIGHTEN ALL HOSE CLAMPS.

PLACE THE INTERCOOLER INTO POSITION AND BOLT FIRMLY TO THE RADIATOR SUPPORT.



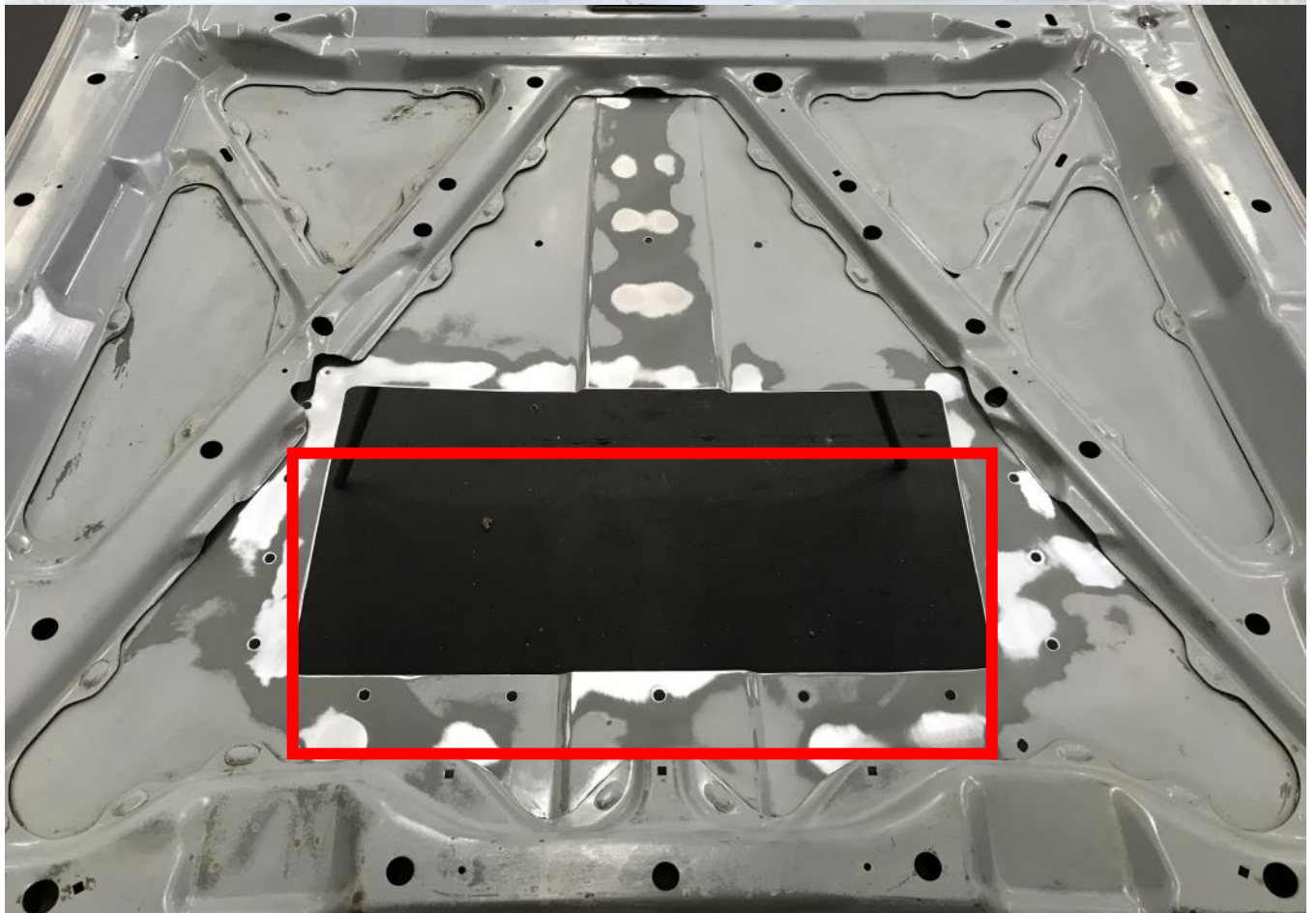
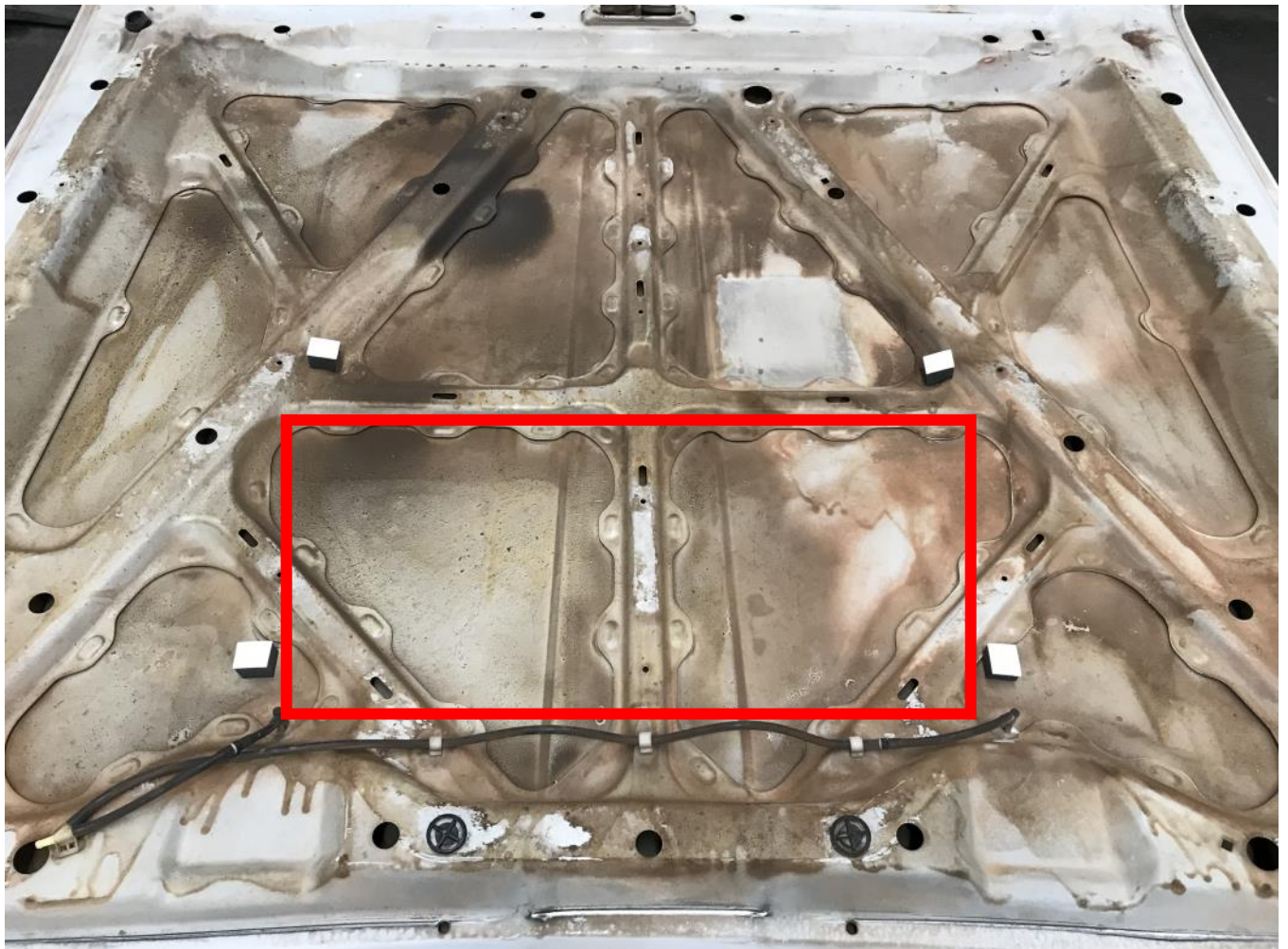


NOTE TURBO SIDE HAS BEEN UPDATED TO A 1 PIECE SILICONE HOSE.

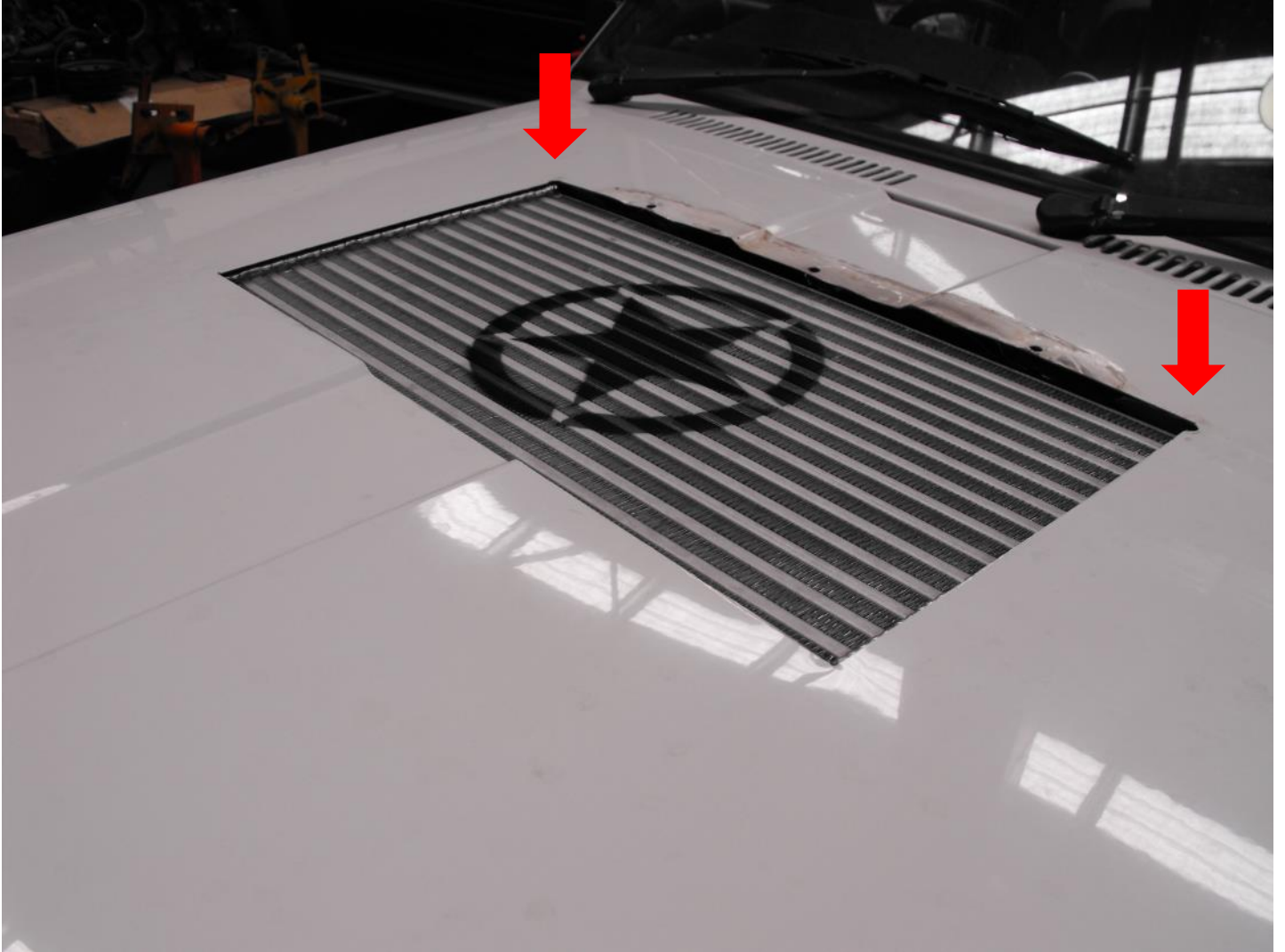
WITH THE INTERCOOLER INSTALLED PLACE SUPPLIED FOAM SQUARES AS SHOWN STICKY SIDE UP IN THE OUTSIDE CORNERS OF THE CORE AS SHOWN. THE CUT OUT FOR THE INTERCOOLER SHOULD ONLY BE THE SIZE OF THE INTERCOOLER CORE ITSELF. GENTLY CLOSE BONNET SO THE FOAM SQUARES TRANSFER TO THE BONNET. REMOVE BONNET.



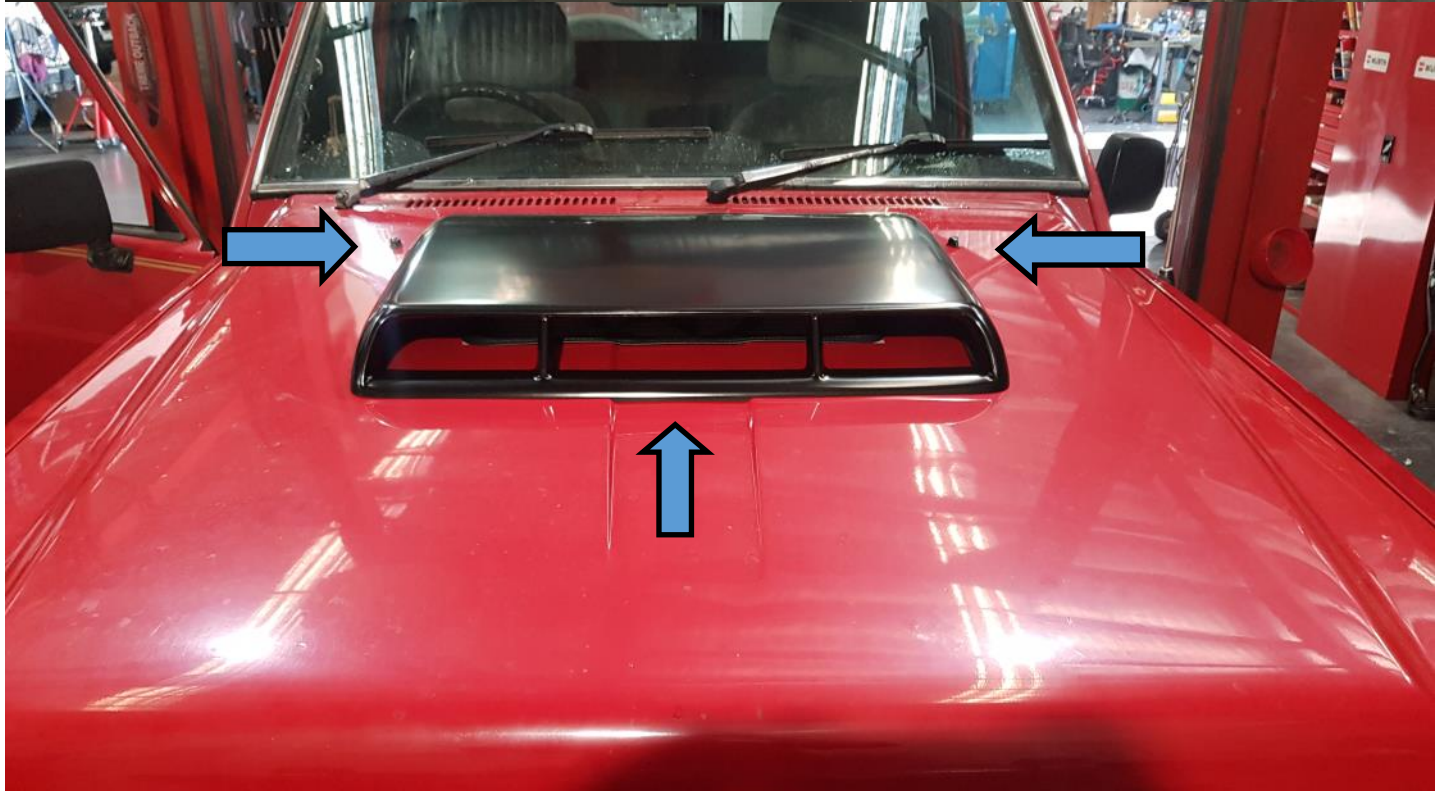
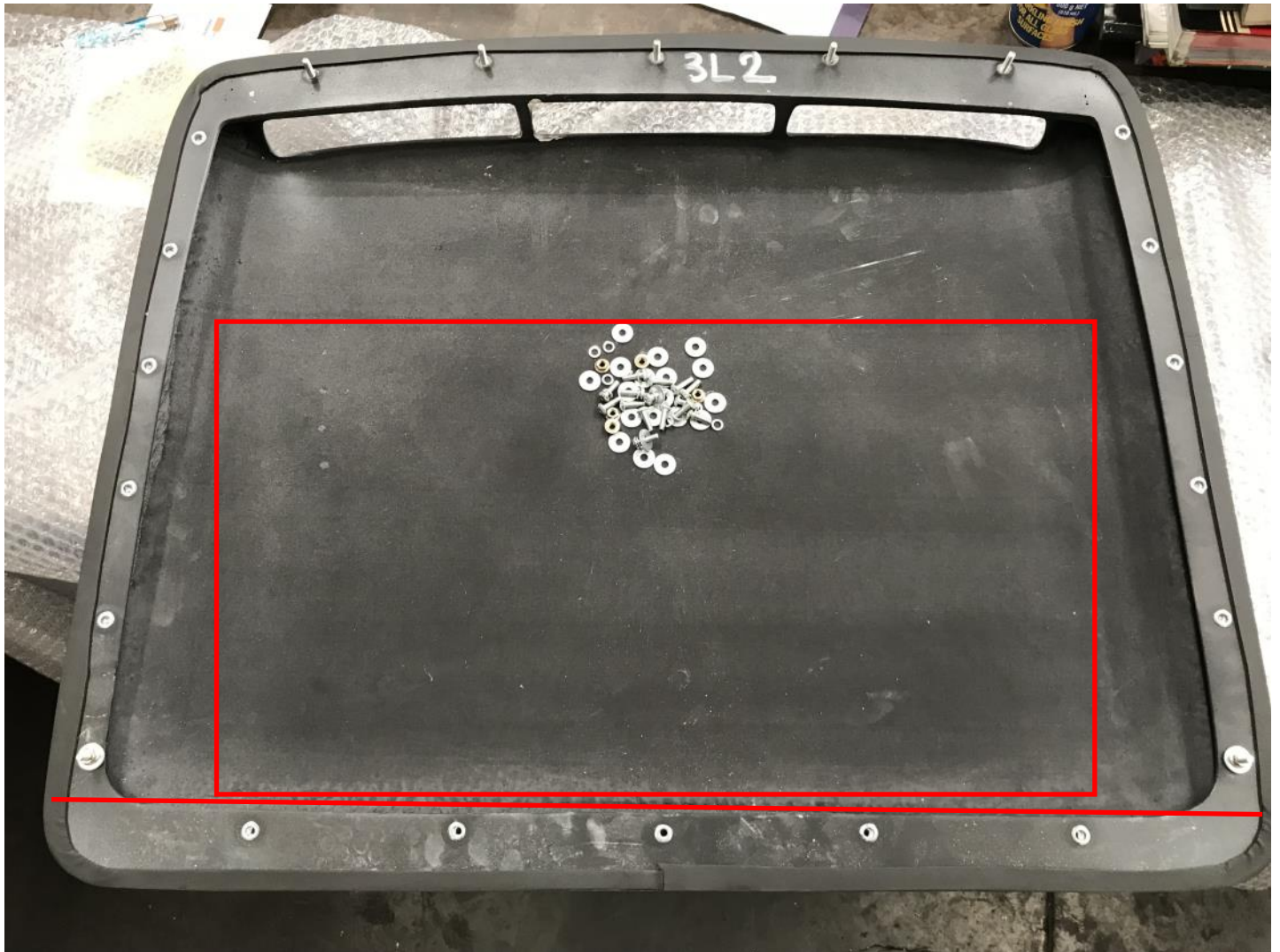
NOTE THE EXTREME INTERCOOLER SITS FURTHER BACK THEN THE ULTIMATE (SHOWN IN PICS) SOME OF THE REAR WEBBING WILL NEED TO BE TRIMMED TO ALLOW CLEARENCE TO THE INTERCOOLER. FOLLOW FITTING INSTRUCTIONS SUPPLIED WITH THE SCOOP.



REFERENCE OF EXTREME INTERCOOLER LOCATION IN RELATION TO FACTORY WASHER JET LOCATION.

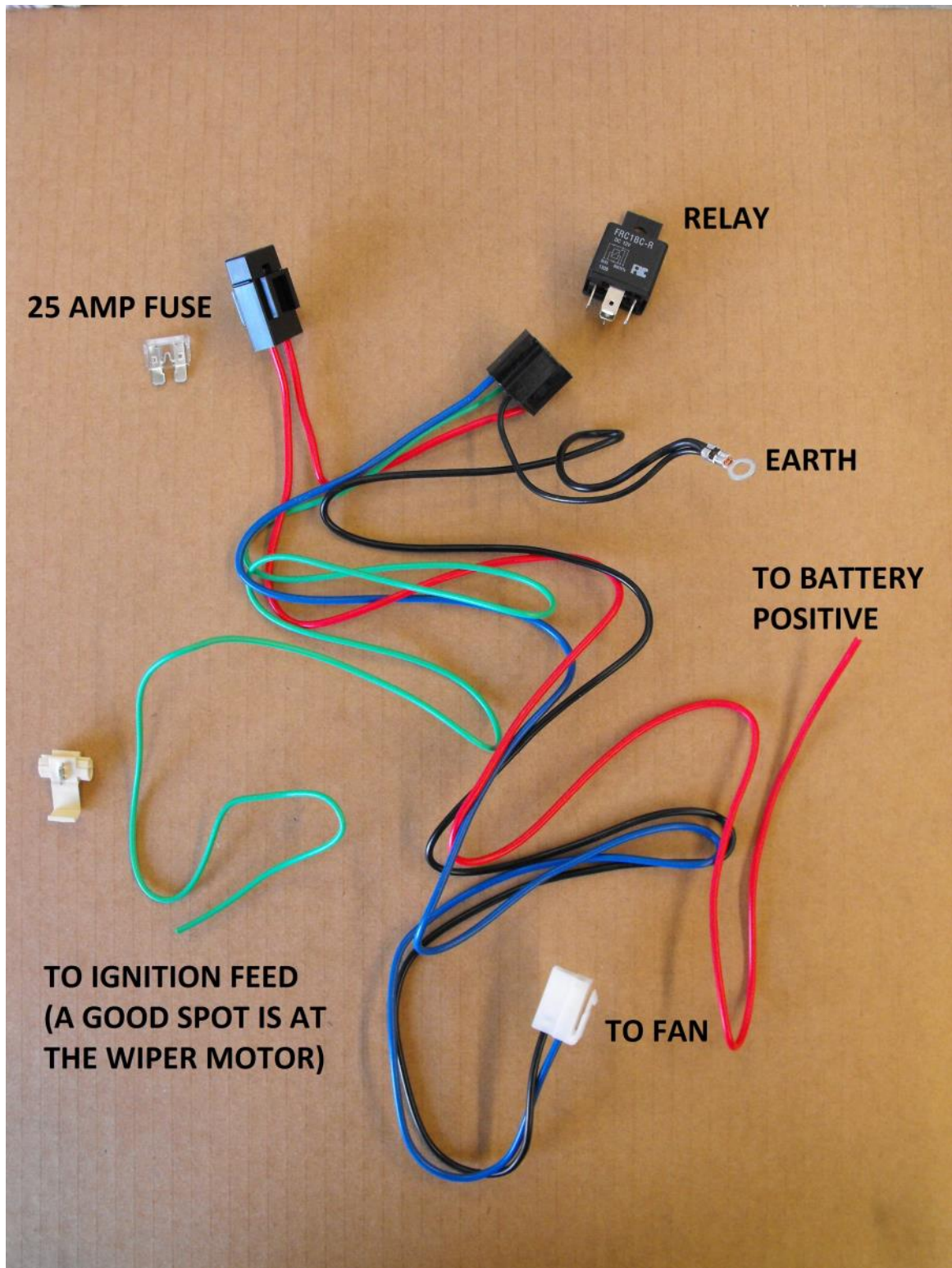


WE POSITION THE SCOOP SO THE INTERNAL LIP OF THE SCOOP IS AT THE REAR EDGE OF THE CUT OUT FOR THE INTERCOOLER. RELOCATE THE WASHER JETS AS SHOWN USING THE WASHER JETS AND HOSE SUPPLIED. SIT THE SCOOP ON THE BONNET AND MARK WHERE THE RECESS OF THE BONNET IS FRONT AND REAR ON THE SCOOP. TRIM AND INSTALL SMALL INFILL FOAM SUPPLIED.



AFTER PAINTING INSTALL THE SUPPLIED PINCHWELD TO THE BONNET AND THEN INSTALL THE SCOOP WITH SUPPLIED FASTENERS AND RUN THE NEW WASHER JET HOSE. REINSTALL THE BONNET TO THE CAR.





INSTALL THE TWO WIRING LOOMS AS SHOWN. WHEN WIRED CHECK THE FAN OPERATION. CHECK ALL HOSE CLAMPS AND FASTENERS ARE TIGHT AND TEST DRIVE THE VEHICLE.

AFTER A WEEK OF DRIVING RE TENSION THE HOSE CLAMPS AND CHECK AT REGULAR SERVICE INTERVALS. IF THE INTERCOOLER IS REMOVED CLEAN THE PIPE OUTLETS AND INSIDE THE ENDS OF THE SILICONE WITH BRAKE CLEANER BEFORE REINSTALLING.

PLEASE DON'T HESITATE TO CALL CROSS COUNTRY 4X4 ON 08 8357 5993 IF YOU HAVE ANY QUESTIONS REGARDING THE INSTALL.