



## TOYOTA LANDCRUSIER 75/79 1HZ ULTIMATE INTERCOOLER KIT

### **W A R N I N G**

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

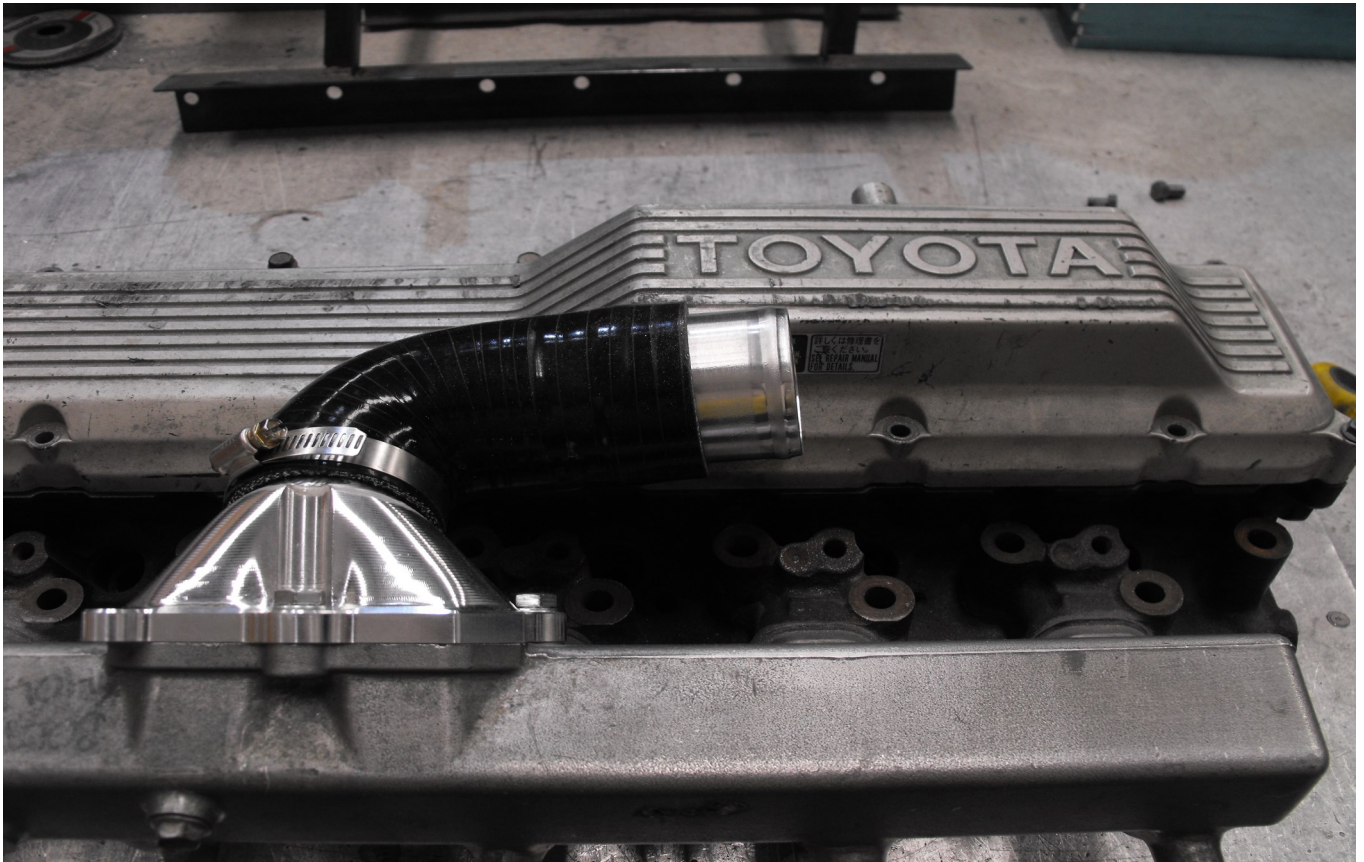
- Do not use this product in any other motor vehicle for which it is not designed.
- Do not use any other mounting location / method other than described in this instruction.
- It is advisable to seek assistance of another person when installing this product.
- Do not repair or modify this product and / 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 CROSSOVER PIPE, THROTTLE CABLE BRACKET AND ANY SILICONS OFF THE TURBO OUTLET. CLEAN THE INLET MANIFOLD INLET AND TURBO OUTLET READY FOR THE INLET ADAPTOR.





INSTALL INLET ADAPTOR USING SILICONE SEALANT AND RE ATTACH THROTTLE CABLE BRACKET. INSTALL SILICONES AS SHOWN. THE SILICONES WILL NEED TO BE TRIMMED TO ALLOW CLEARANCE TO THE HEATER TAP. LEAVE ASSEMBLED AS SHOWN UNTIL THE INTERCOOLER IS INSTALLED AND THEN TRIM AND INSTALL THE LAST SILICONE





IF THE CAR IS EQUIPPED WITH A BOOST COMPENSATED FUEL PUMP USE THE SUPPLIED VACUUM HOSE TO RUN FROM THE FITTING ON THE INLET ADAPTOR TO THE BOOST COMPENSATOR. BLOCK OF NOT BEING USED.

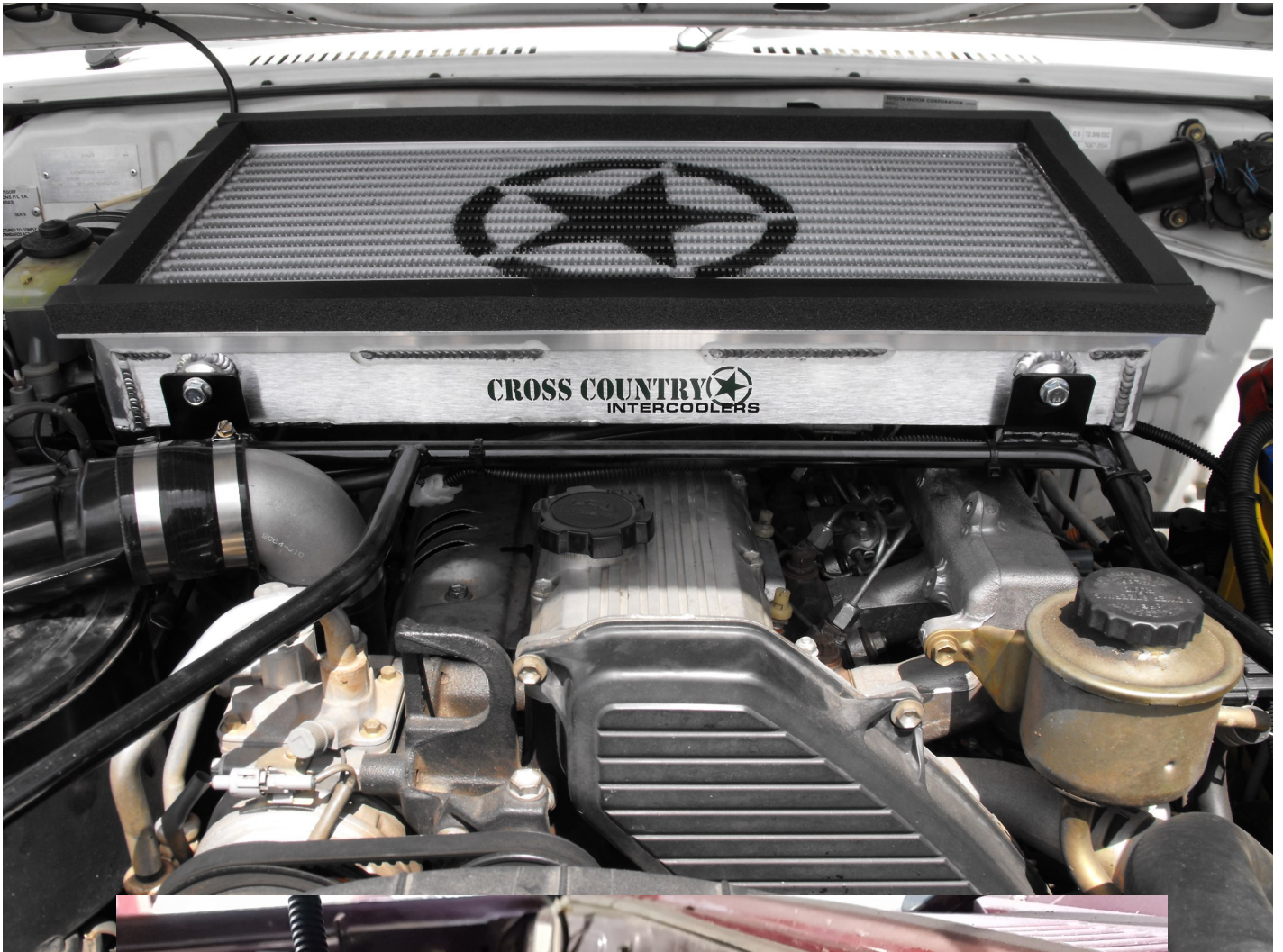


CHECK FOR ADEQUATE CLEARANCE TO THE THROTTLE CABLE BRACKET WHEN THE INTERCOOLER IS INSTALLED.



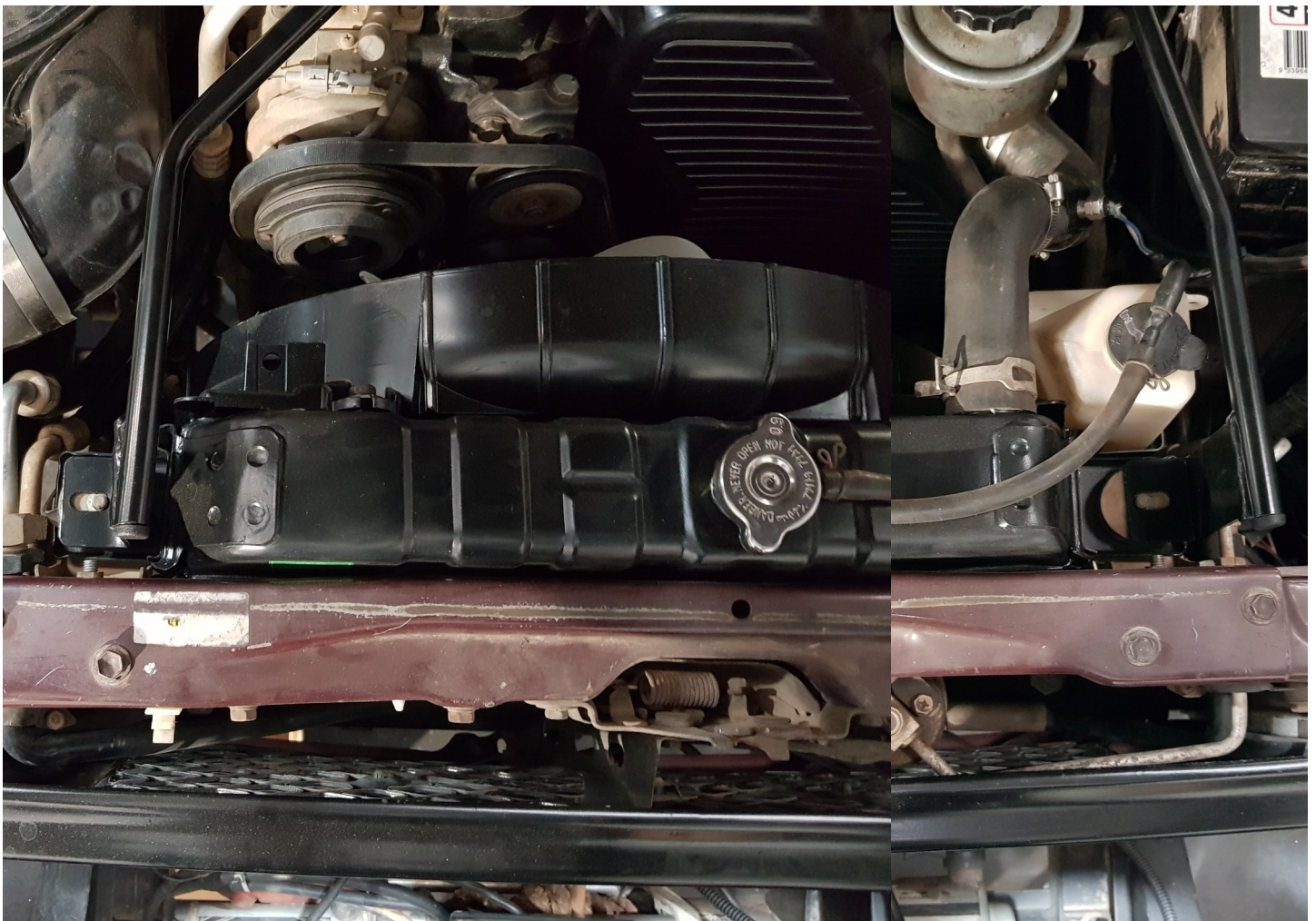


INSTALL INTERCOOLER ON TO THE CAR. THE AIRBOX LID MAY NEED TO BE ROTATED FOR CLEARANCE TO THE INTERCOOLER FRAME. TIGHTEN DOWN THE REAR MOUNTING CLAMPS AND BOLT FRONT TO RADIATOR SUPPORT BRACKETS.





USE ADJUSTMENT IN THE FRONT FRAME TAGS TO GIVE ADEQUATE PURCHASE ON THE FIREWALL LIP AT THE REAR OF THE FRAME. AND BOLT DOWN USING M8 PANEL WASHER AND FACTORY NUTS. TIGHTEN THE REAR INTERCOOLER FRAME BOLTS SO THE FRAME CLAMPS THE LIP ON THE FIREWALL AS SHOWN





WITH THE INTERCOOLER FITTED TRIM AND FIT THE SILICONE TO THE REAR OF THE INTER-COOLER GIVING CLEARENCE TO THE HEATER TAP AND TIGHTEN.

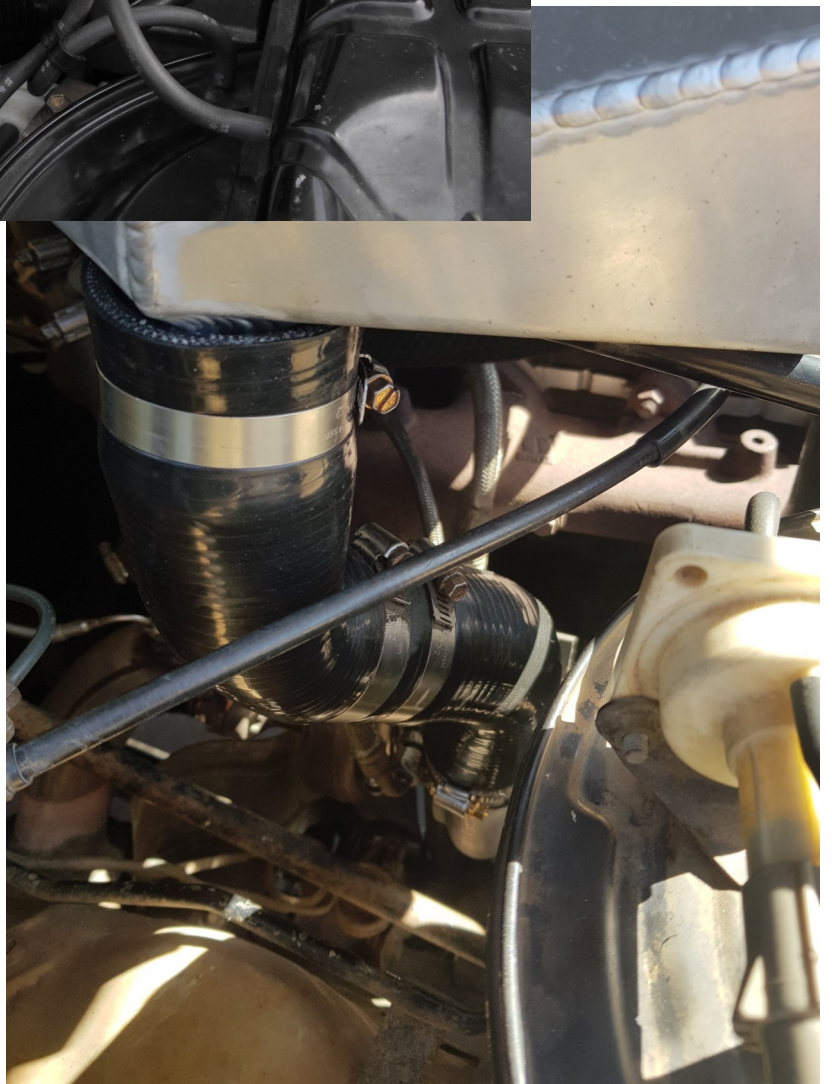
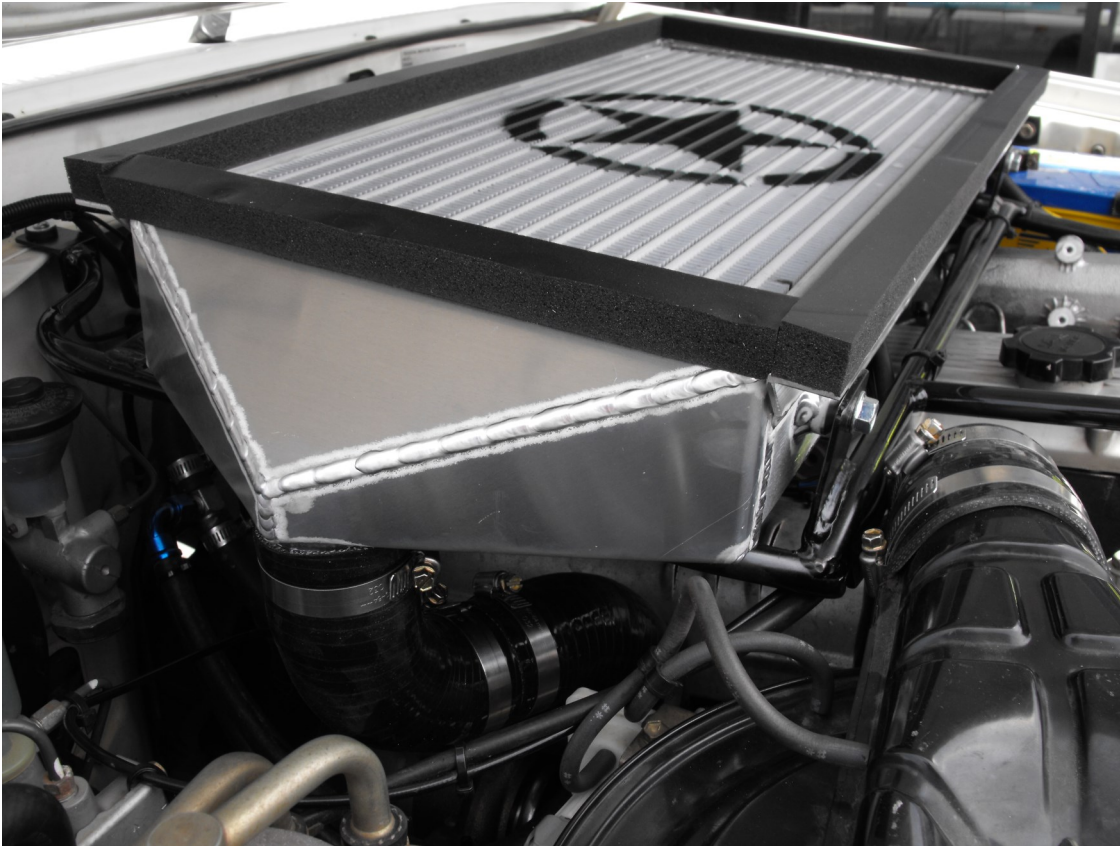




WITH THE INTERCOOLER FITTED TRIM THE 2 SILICONES ON THE TURBO SIDE TO FIT, ONCE CUT ASSEMBLE WITH ALLUMINIUM JOINER

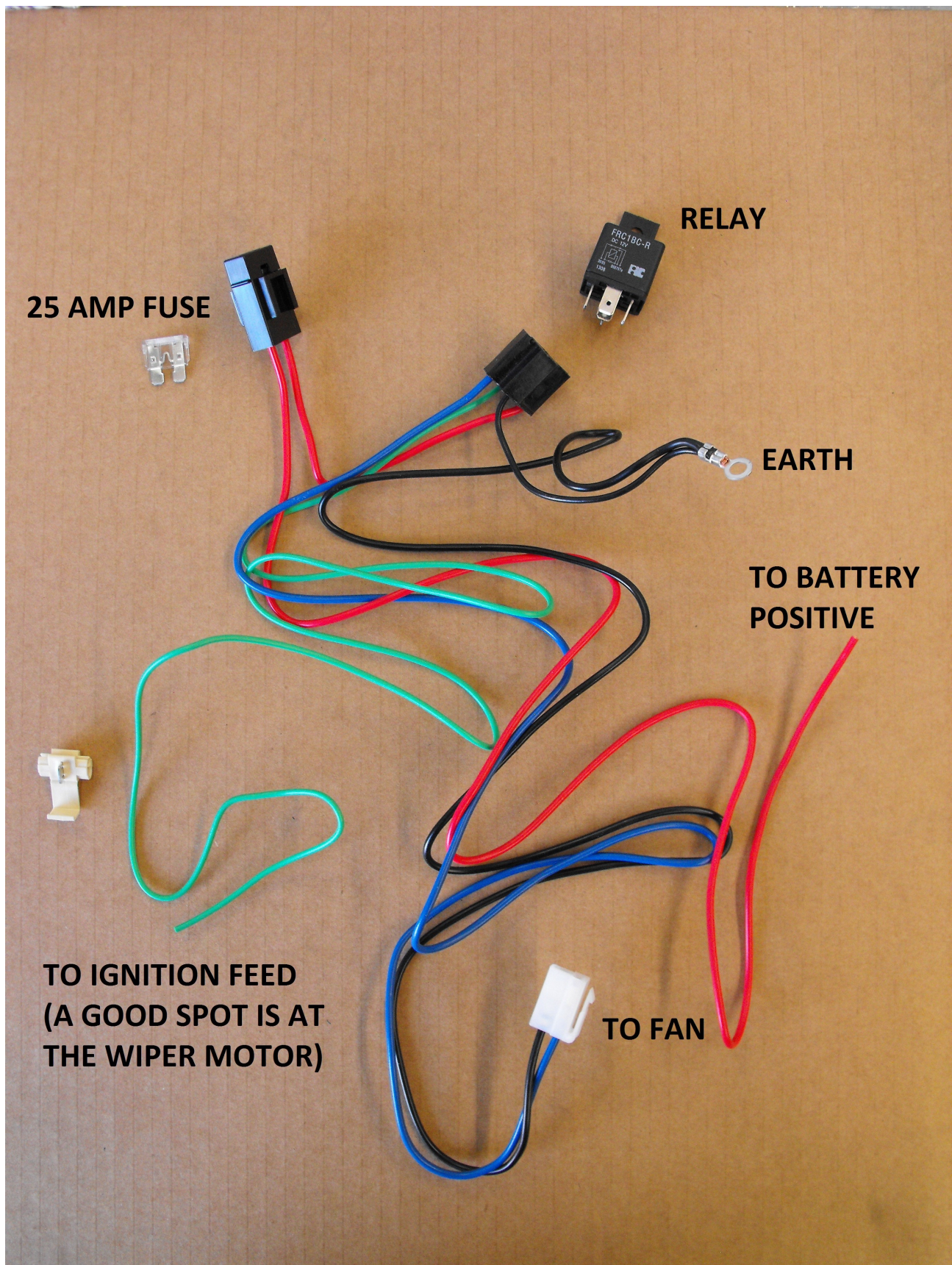
DEPENDING ON WHAT TURBO KIT IS FITTED TO THE CAR EITHER 2 X 90 DEGREE SILICONES OR 2 X 45 DEGREE SILICONES WILL BE SUPPLIED. DENCO, SAFARI AND DTS KITS NORMALLY NEED 45 DEGREE SILICONES. IF THE TURBO IS A FACTORY STYLE 1HDT 90 DEGREE ARE MORE SUITABLE.

IF THIS WAS NOT DISCUSSED AT TIME OF ORDERING PLEASE CHECK WITH US BEFORE STARTING THE INSTALL OF THE INTECOOLER ON 08 8357 5993



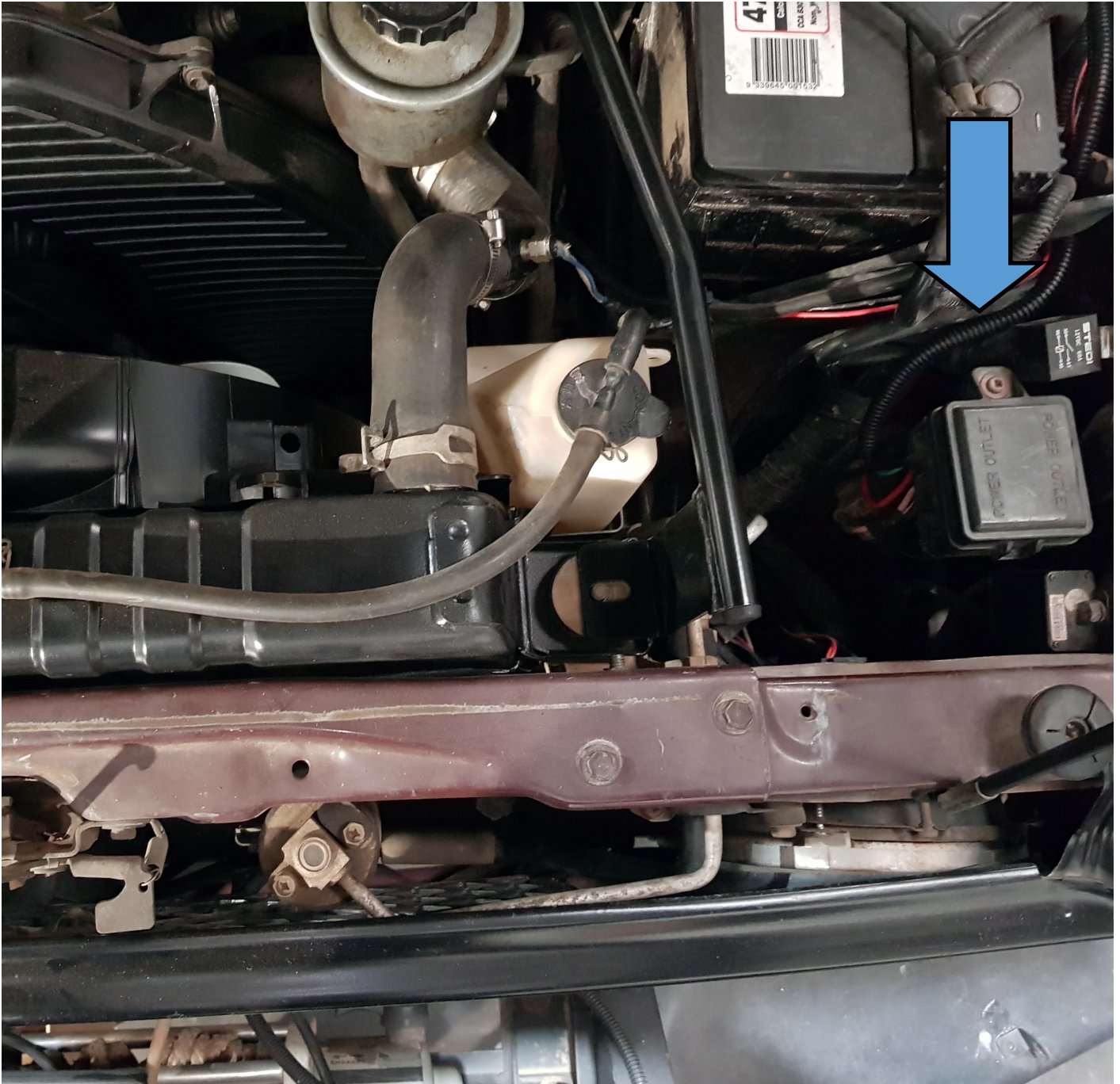


INSTALL THE WIRING FOR THE FAN AS SHOWN. A GOOD PLACE FOR AN IGNITION FEED IS THE POWER OUTLET BOX IN THE ENGINE BAY.





# LOCATION OF THE POWER OUTLET BOX (75 SERIES)





PLACE SUPPLIED FOAM SQUARES STICKY SIDE UP ON OUTSIDE EDGES OF INTER-COOLER AS SHOWN. CAREFULLY CLOSE BONNET DOWN SO THE FAOM SQUARES TRANSFER TO THE BONNET.

REMOVE BONNET AND FOLLOW INSTRUCTIONS SUPPLIED WITH SCOOP.







CUT WEBBING OUT AS SHOWN. THE WASHER JETS WILL NEED TO BE MOVED OUTWARDS TO CLEAR THE SCOOP. WHEN RE-INSTALLING USE THE SUPPLIED CLEAR WASHER HOSE TO RE-CONNECT.

USE SUPPLIED FOAM FROM THE INTERCOOLER KIT AND PUT AROUND THE REAR EDGE OF THE SCOOP AND THE RECESS IN THE CENTRE OF THE BONNET AS SHOWN IN BELOW PICTURES

ONCE THE SCOOP HAS BEEN INSTALLED ATTACH SUPPLIED PINCHWELD AROUND INTER-COOLER OPENING . SEE BELOW PICTURES.









REFIT THE BONNET TO THE CAR AND RE ATTACH WASHER HOSE. MAKE SURE ALL BOLTS AND HOSE CLAMPS ARE TIGHT. CHECK FAN OPERATION AND TEST DRIVE VEHICLE AND CHECK FOR ANY LEAKS.

RE TENSION HOSE CLAMPS AFTER A FEW DAYS OF DRIVING AND CHECK AT REGULAR SERVICE INTERVALS.

IF INTERCOOLER IS REMOVED CLEAN THE PIPE OUTLETS AND INSIDE THE ENDS OF THE SILCONES WITH A SOLVENT SO NO OIL IS PRESENT AT TIME OF INSTALLATION