

**TOYOTA LANDCRUISER FJA300**

**HEAT  
EXCHANGER**



FOLLOW OUR SOCIALS

DISCOVER THE POWER OF

**UNLEASHED**  
PERFORMANCE



**60% DROP**  
IN INTAKE TEMPS

**Just Autos**

(07)5476 0066 [www.justdieselperformance.com.au](http://www.justdieselperformance.com.au)  
Nambour, Sunshine Coast - 11 Windsor Rd, Nambour QLD 4560

D I E S E L P E R F O R M A N C E & D Y N O T U N I N G S P E C I A L I S T S

# Part Number - HEU-FJA300

## Minimum Tooling Required

- > Flat blade screw driver
- > Needle nose pliers
- > Ear clamp pliers (E.g. Knipex i220)
- > Drive ratchet (3/8)
- > 10mm Socket (3/8)
- > 12mm Socket (3/8)
- > 14mm Socket (3/8)
- > 6mm Allen Key
- > 5mm Allen Key
- > 3/16 Allen Key
- > Drill
- > 8.5mm Drill bit
- > 1 1/4 AN Spanner Or 32mm Spanner
- > Cordless Multi tool

## Heat Exchanger Kit Contents

- > Heat Exchanger Assembly
- > 45 Degree Fitting
- > 90 Degree Fitting
- > NPT Hex plug
- > 90 Degree coolant hose
- > "J" Shape coolant hose
- > Lower mount rubbers
- > Upper mount rubbers
- > Lower support bracket
- > Upper support plate
- > 5mm Hex head bolts
- > 6mm Hex head bolts

## Recommended Extras

- > 1 x Toyota Genuine Super Long Life Coolant *08889-80431*
- > Thread Locker

- Remove top radiator trim cover



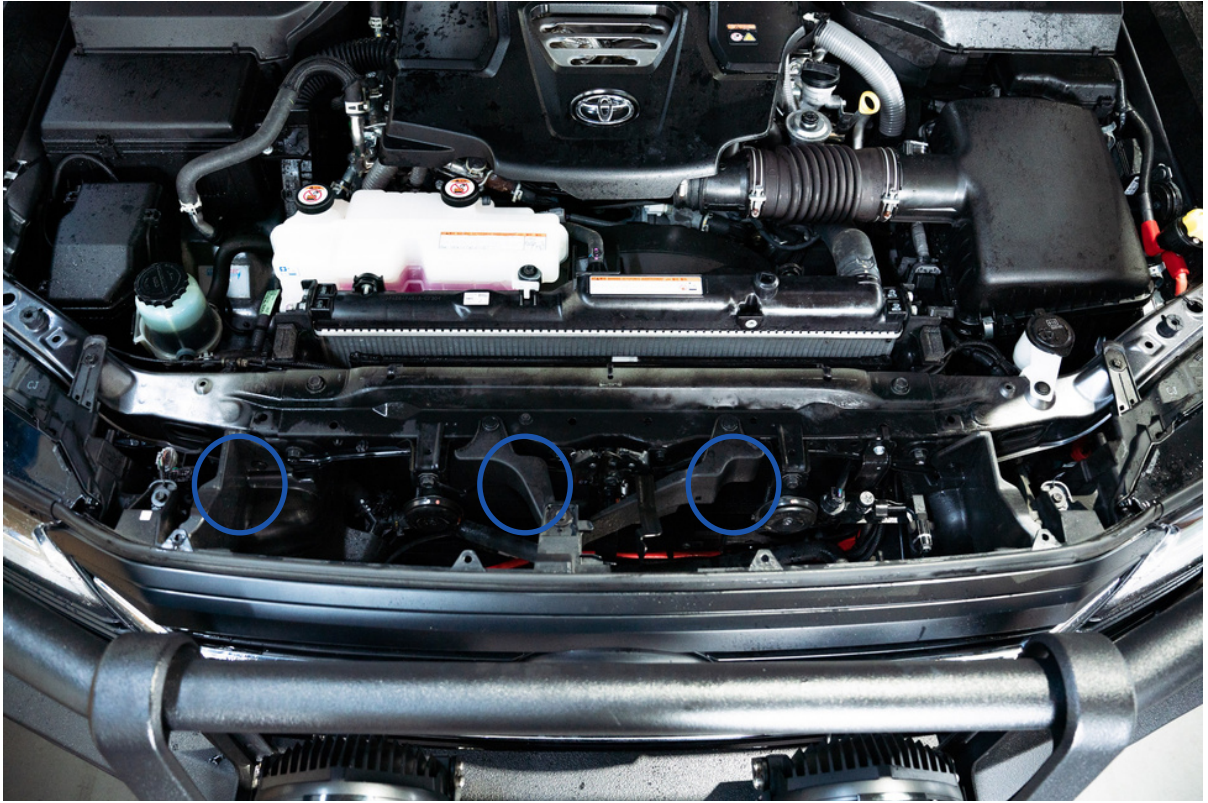
- Remove horn assemblies passenger side (LHS) & drivers side (RHS)



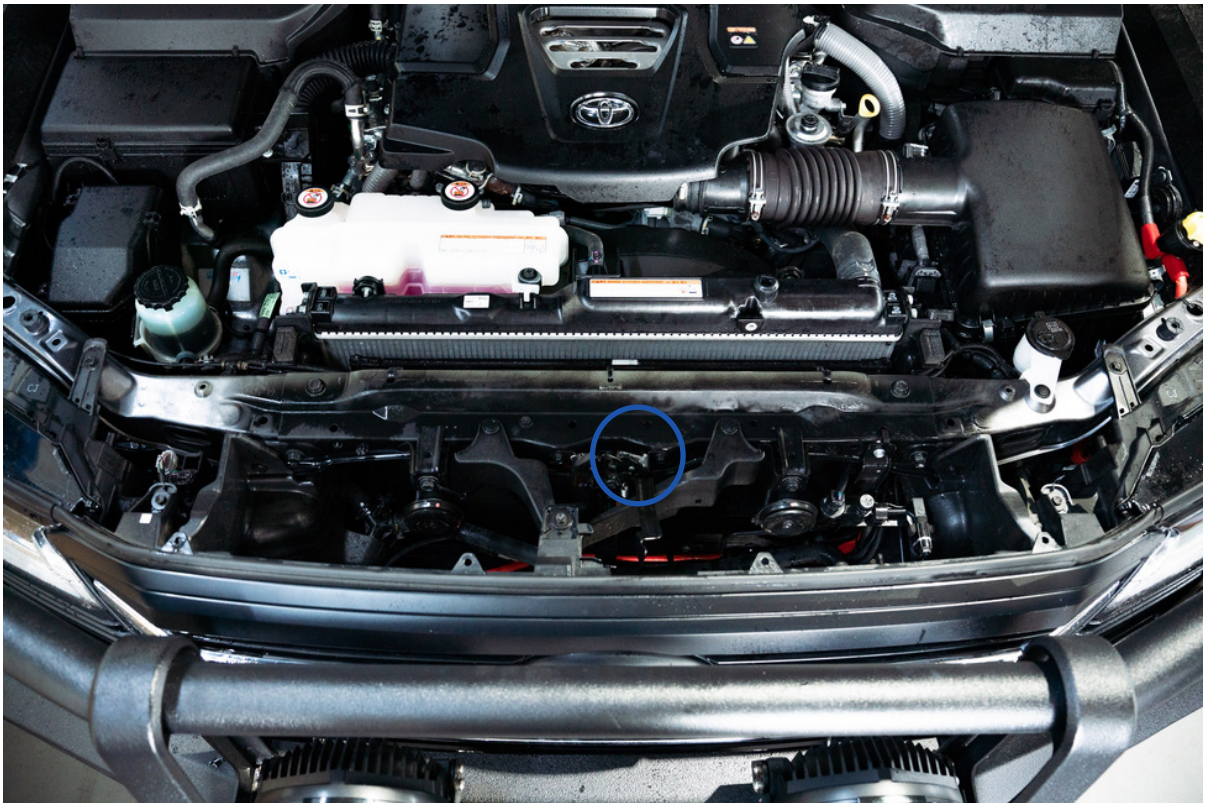
- Loosen air conditioning high pressure bracket



> Remove plastic trim panels as high lighted



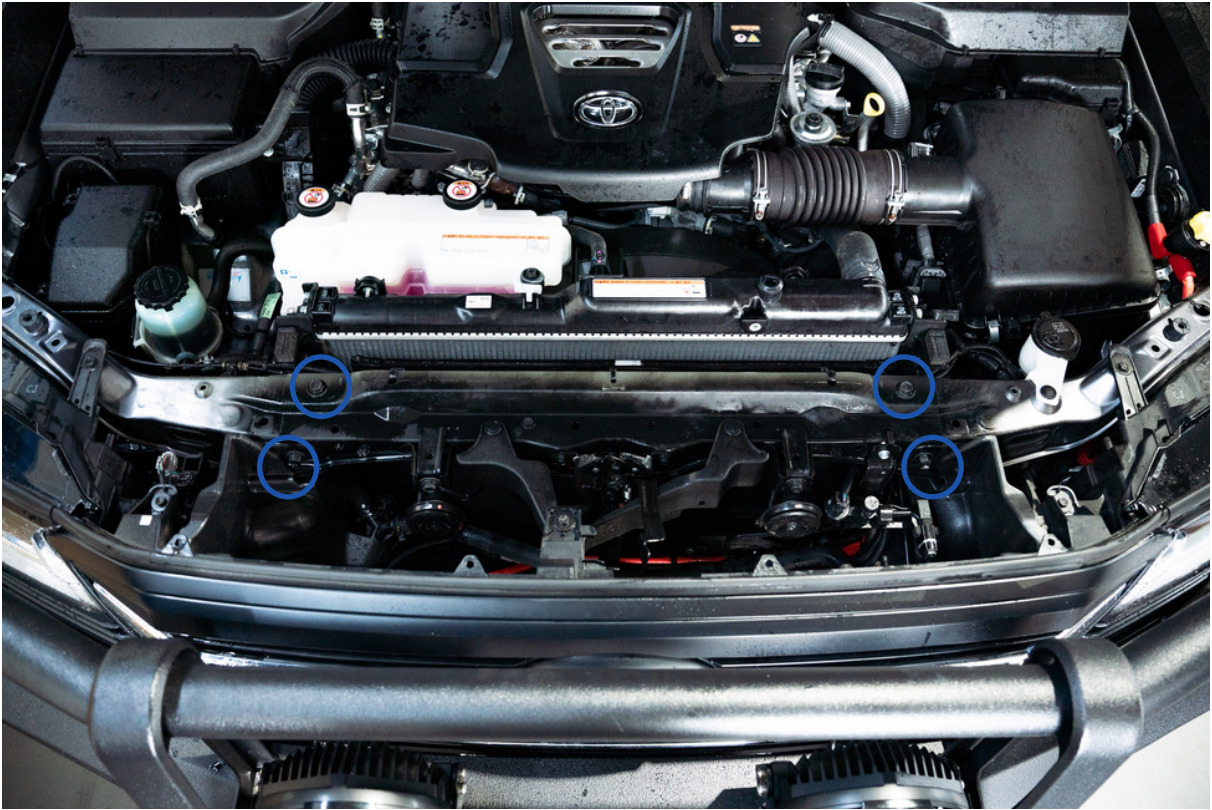
> Remove bonnet catch and upright support



- Once fasteners are removed, allow bonnet catch to be secured out of the way



- Remove upper support panel fasteners



- Remove upper support panel

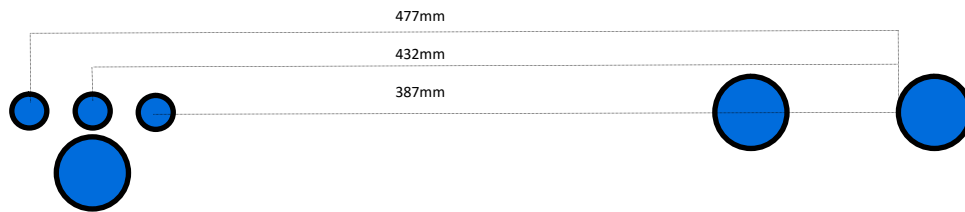




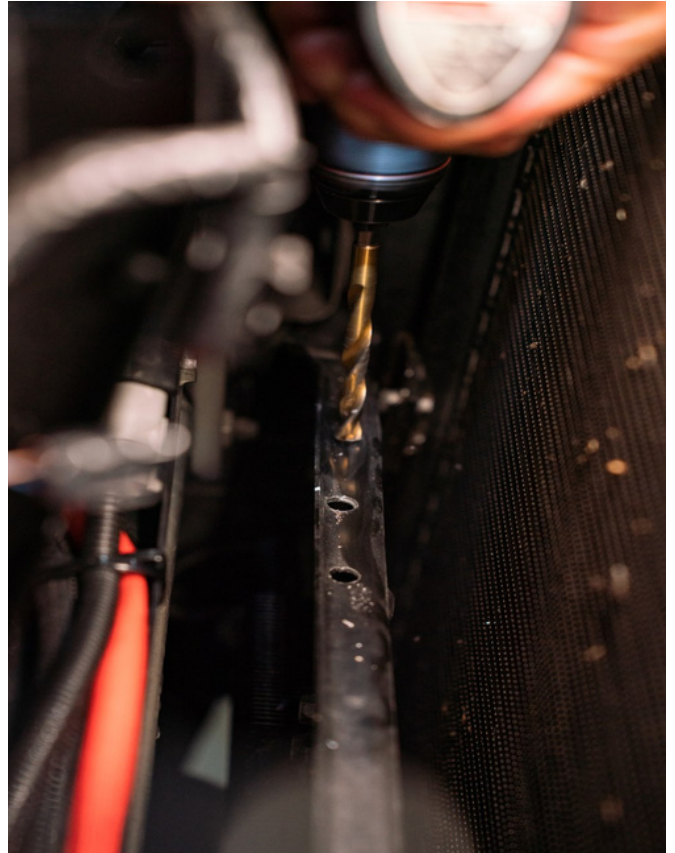
- Remove Heat Exchanger from packaging and separate associated parts



- Measure distance of lower mount location— Inner edge of passenger side mount hole to centre of right hand bracket. 387mm, 432mm & 477mm. Mark points for future drilling



- Drill marked holes with M8.5 drill bit

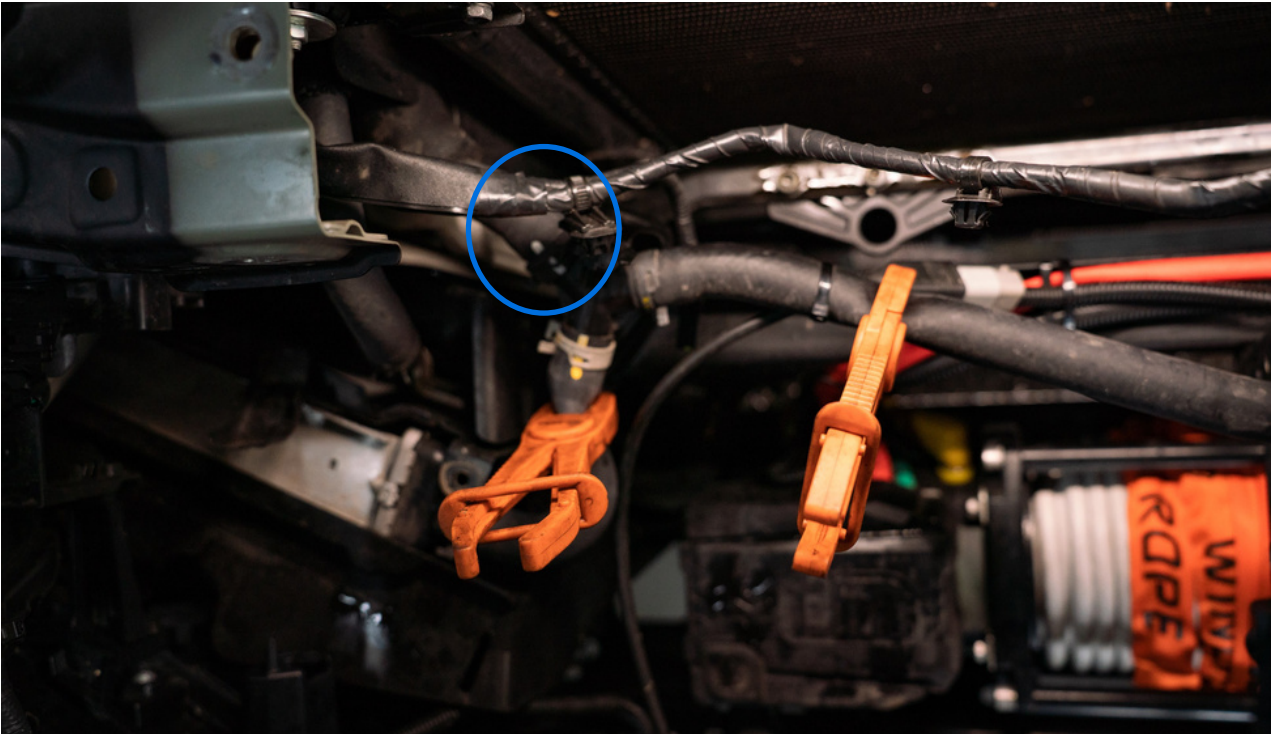


- Install 3 x M6 allen keys with thread lock or adhesive provided.  
Apply rust protection solution to drilled holes

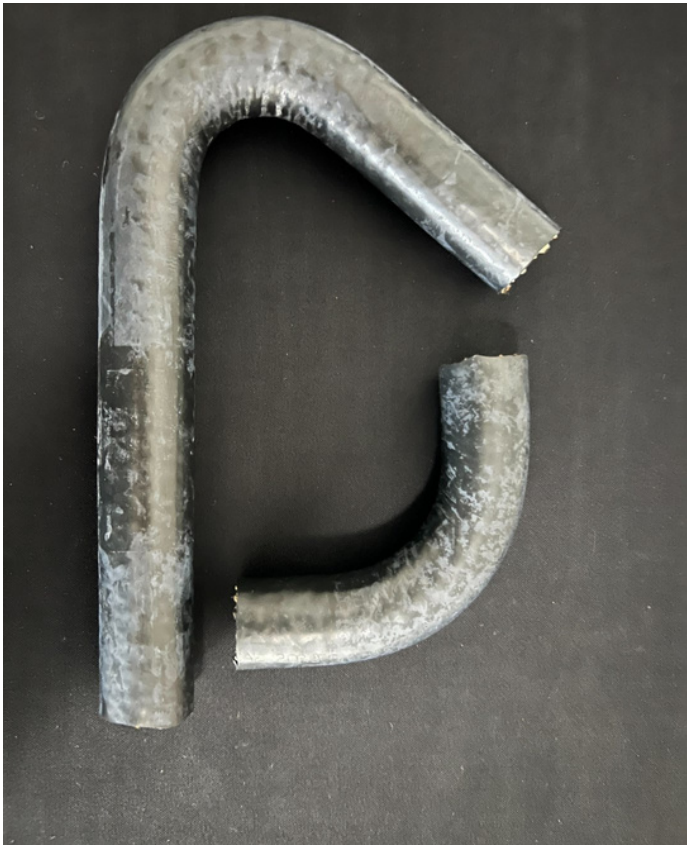




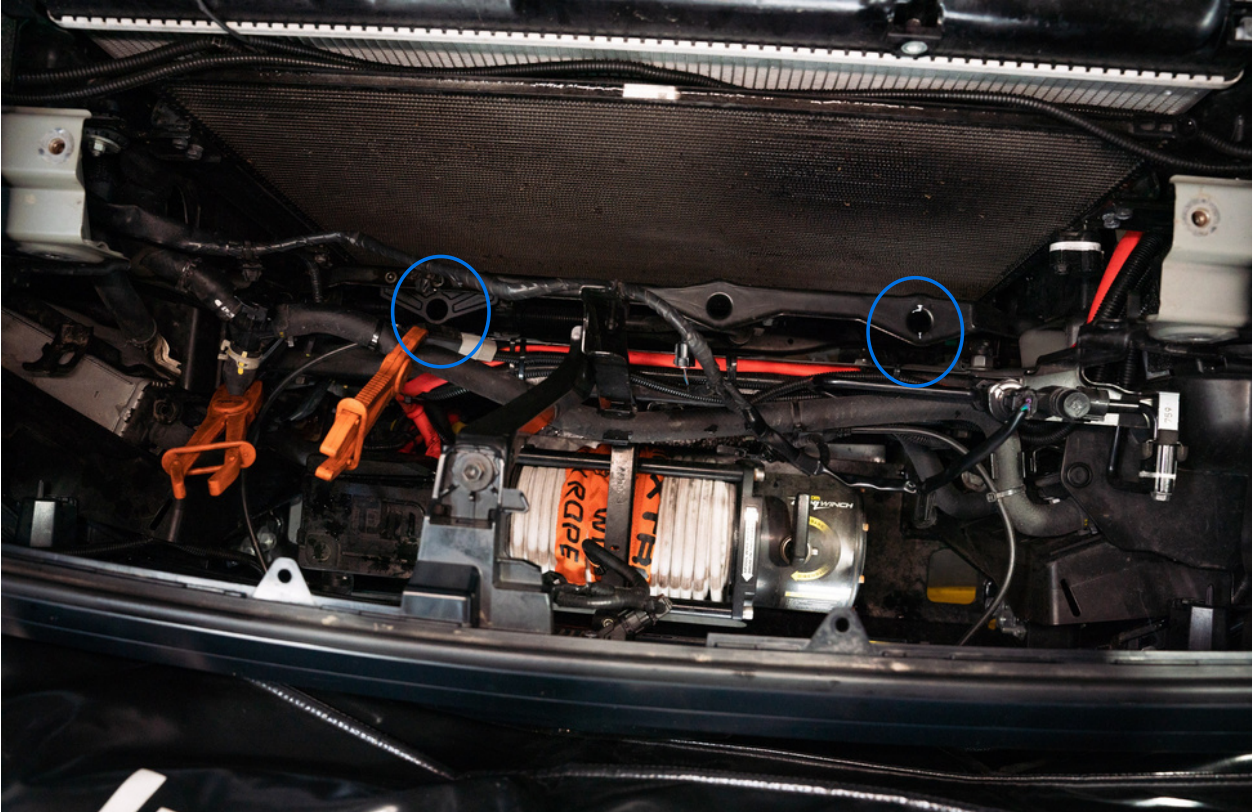
- Remove large hose clamps to coolant lines as shown below— Remove hose highlighted at both ends  
Once hose has been removed, pull the "T-Peice" bracket towards front of vehicle slightly to allow future clearance



- > Apply sealant to lower thread on core - Apply and tighten 90 degree fitting, rotating to be in the upright position

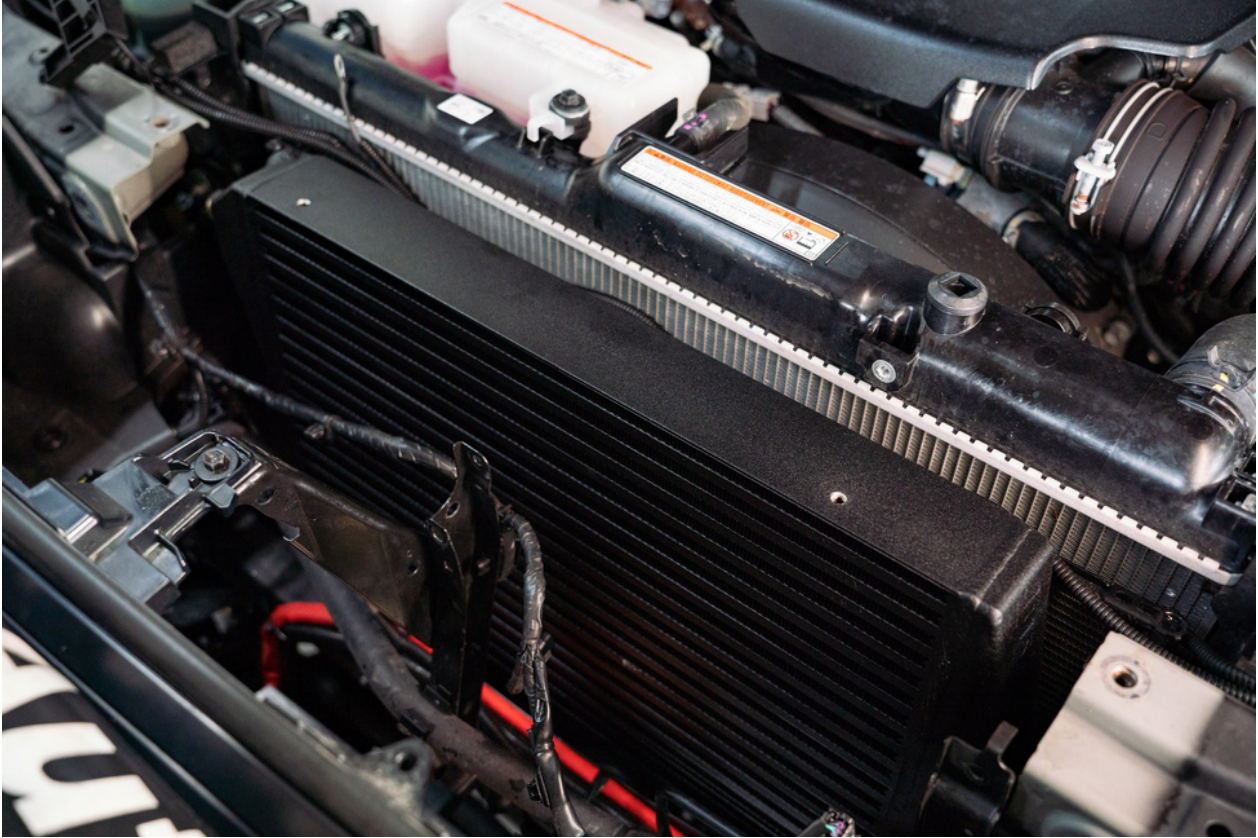


- > Install RHS & LHS core support rubbers



- > Install Heat Exchanger and test fit—If fitment OK move onto next step, If NOT adjust previously installed mount

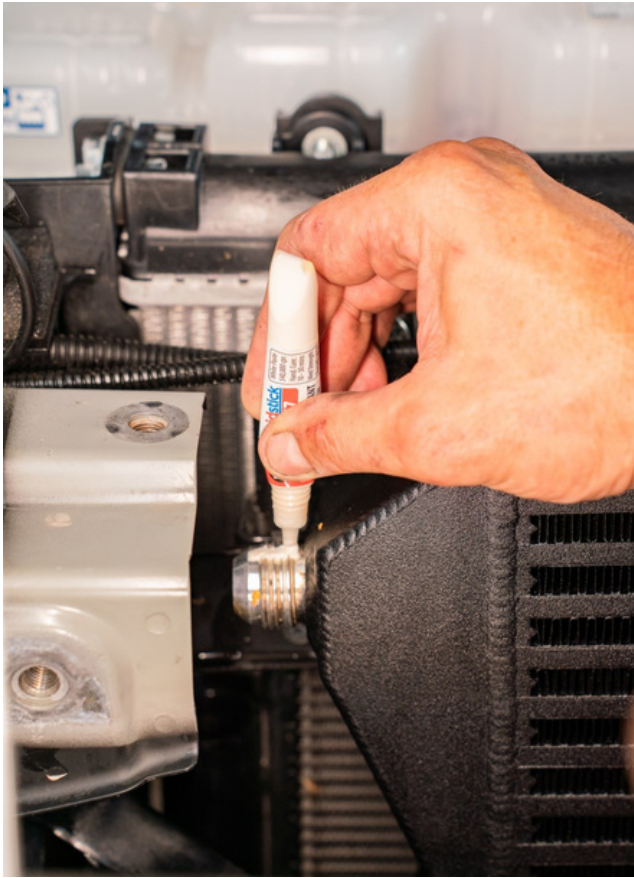




> Install supplied 90 degree hose



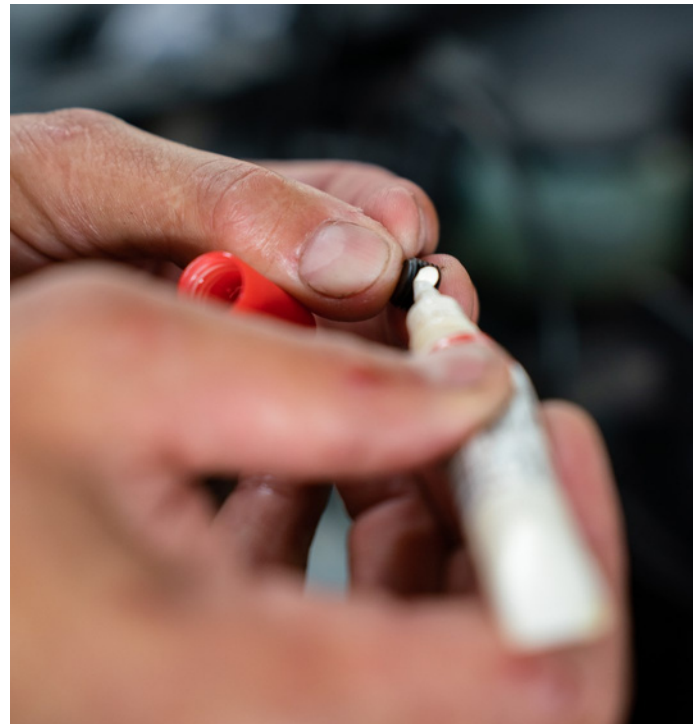
- Apply thread sealant to upper core inlet, fit 45 Degree fitting and supplied “J” hose, fit clamps as required. Apply foam sleeve from previously removed OEM hose to allow added protection from chafe



> Fit upper hose and fittings to Heat Exchanger routing as required



> Locate supplied bleed bung, apply thread sealant to the bung. Note - Do NOT install bung until coolant has been refilled, this is in preparation for the next step

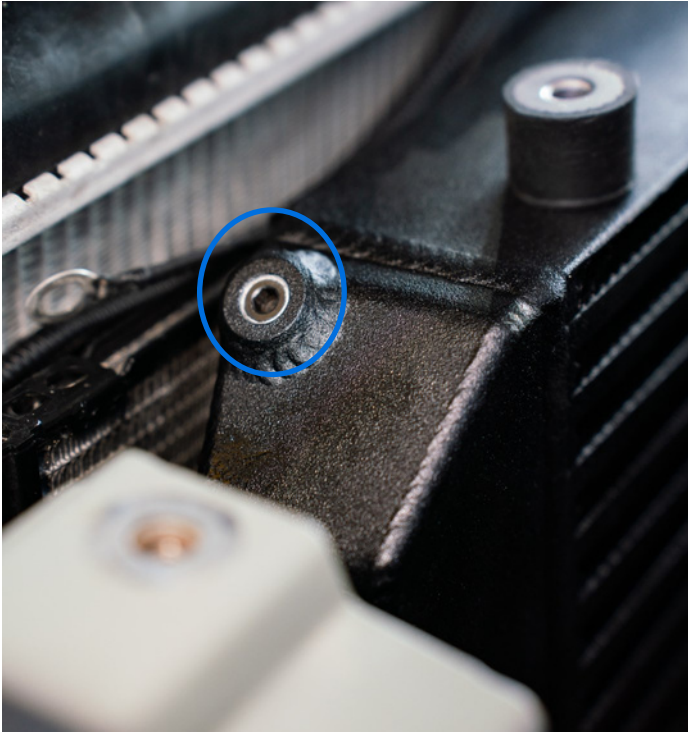


➤ Using recommended OEM coolant—Begin to refill reservoir as shown. Ensure all bubbles have exited from bleed hole



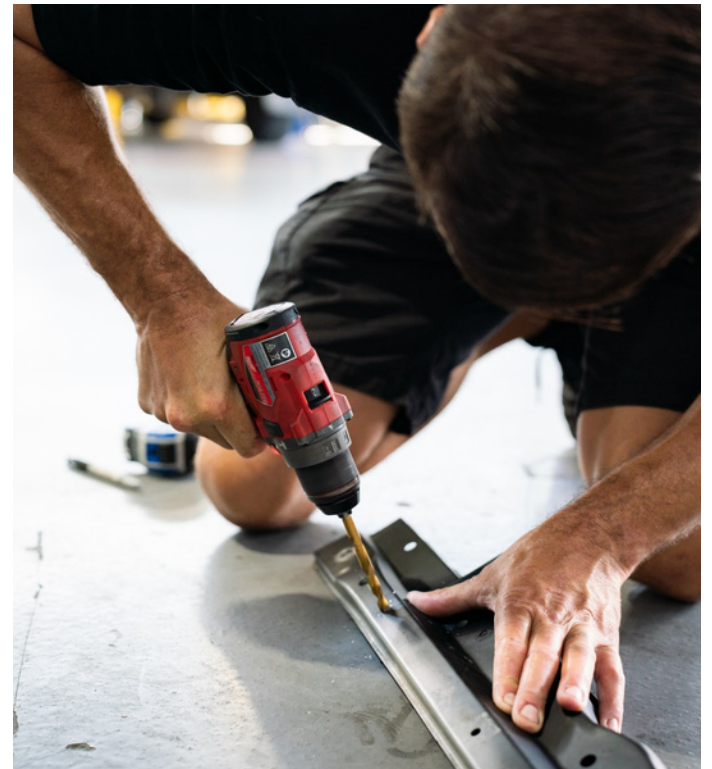
➤ Install bleed bung.

Just Autos recommends using coolant system pressure tester and checking system for any leaks due to system being drained



➤ Using provided paper template, cut out and mark holes in upper support panel removed in page 5

Line the template up using the centre hole provided, factory clip can be used to hold template in place, keep template for later use.





- > Locate upper core support rubbers and apply thread lock or sealant to threads

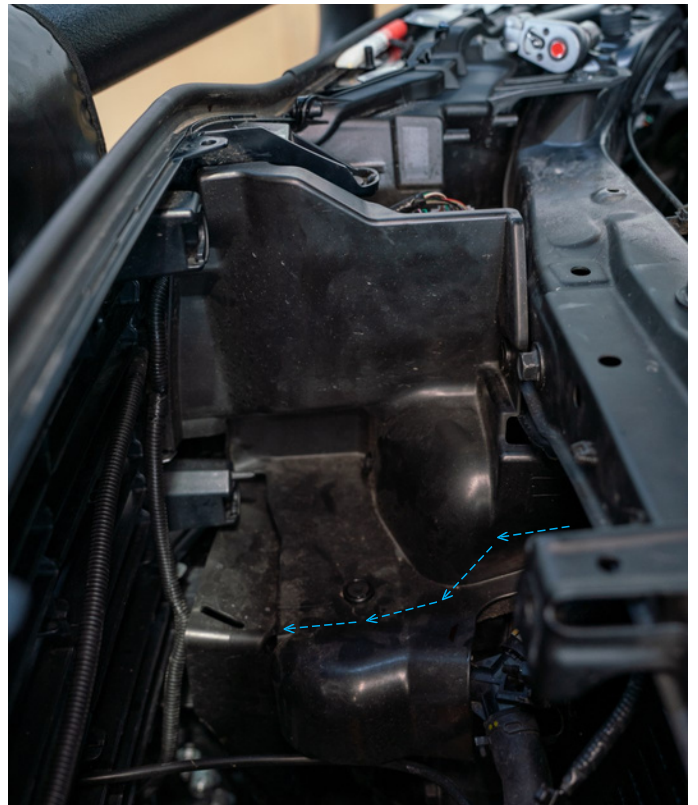


> Apply rust preventative to previously drilled upper support panel—Install OEM Fasteners



> Discard bonnet cable plastic trim guard

> Modify plastic trim to clearance new installed hoses



- Reinstall as below
  - Horn LHS & RHS
  - A/C High pressure line
  - Centre bonnet catch & support bracket
  - Ensure all cables and hoses are free from obstructions



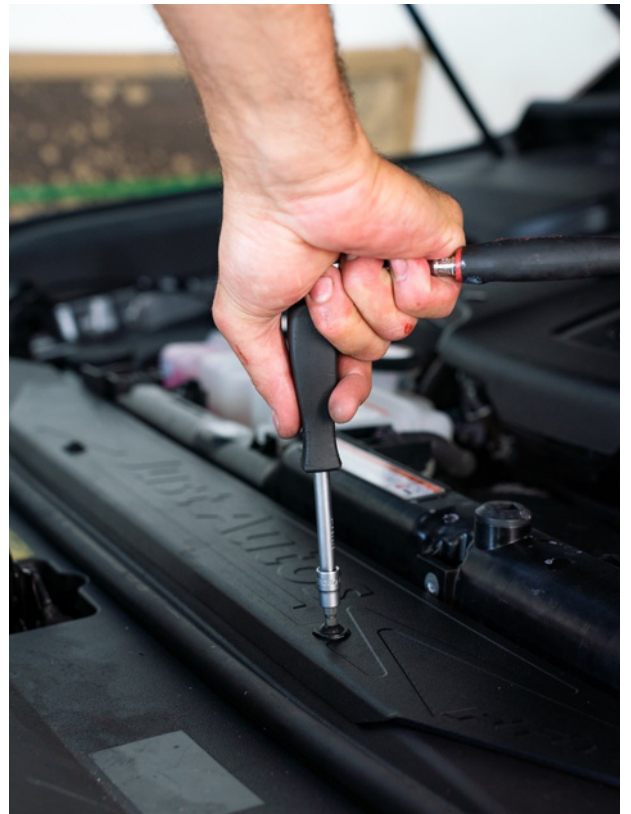
- Using previous template—Apply to factory radiator trim panel, mark outline and cut as required



> Install cut trim panel back onto vehicle



- Install OEM clips into factory plastic trim panel lay Just Autos Support Plate over the top  
Apply sealant to thread—Install M5 hex bolts into remaining holes in Support Plate



# Just Autos

# Heat Exchanger Installation Is Complete



Thank you for choosing to purchase the Just Auto's Heat Exchanger Kit and taking the time to install it.

We appreciate your trust in our brand and the time we have put into the research and development of all the products for the FJA300 platform

If you have any questions or feedback from the installation process we would be more than happy to hear from you.

Myself and the team wish you all the best and look forward to speaking to you in the future.

*Matt Smith*

Matt Smith  
Just Autos Director

**Just Autos**

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