



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

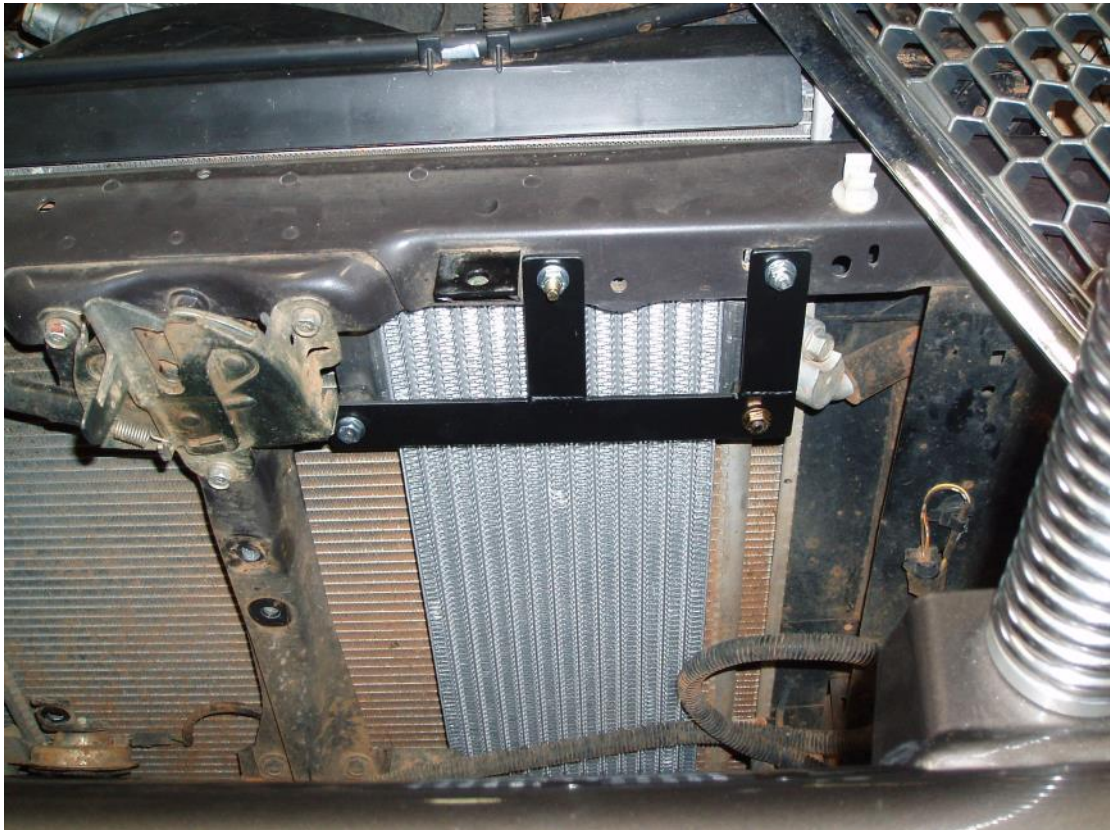
### **MITSUBISHI TRITON ML MN INTERCOOLER FITTING INSTRUCTIONS**

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

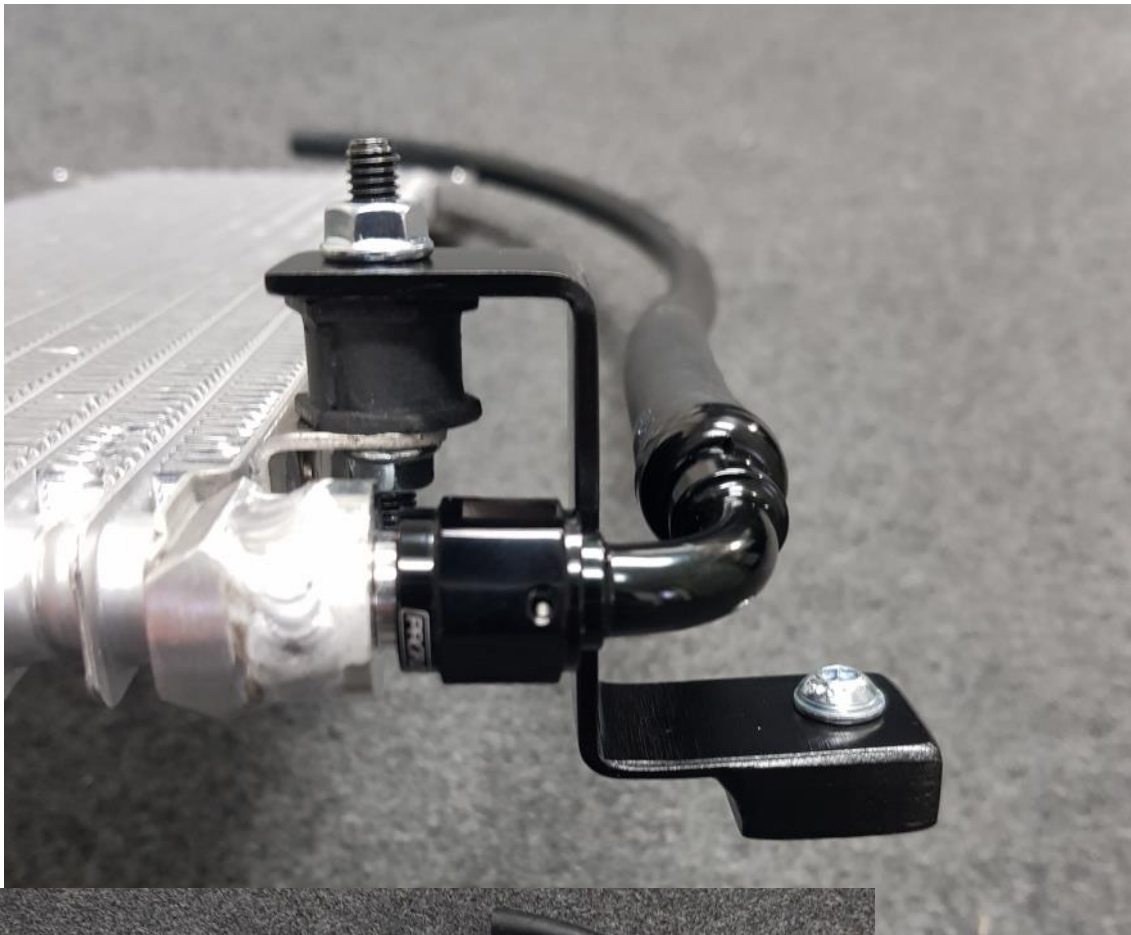
**Step 1** Park vehicle on level surface and apply handbrake, remove grill and both head lights. This will make Oem cooler removal much easier. Remove the rubber intercooler cross over pipe from the cooler to the L/H side of the radiator support panel. It is not necessary to remove any more pipe work from this side. Now remove the L/H cooler pipe, it is easier to unbolt it from the cooler first. Now remove the OEM intercooler and trans cooler (auto only). You should now be ready to start installing our upgraded system.

**Step 2** Automatic only: Offer the transmission cooler to the vehicle in the position shown in picture.



While the cooler is held into position (you may need a hand to do this) fit supplied rubber mounts to the coolers upper mounts in the lowest position holes. These will be drilled out to 7mm, fasten with supplied M6 safety nuts. Position the upper cooler mount onto the rubber mounts and loosely fit supplied M6 safety nuts. Remove the M6 A/C condenser nut and fit the cooler bracket into place over the M6 condenser bolt and fit the nut. Then fit supplied M6 panel bolt through the corresponding hole in radiator support panel and fasten with M6 safety nut. Now for the lower mount, fit supplied rubber mount to the lower left side of the cooler (again it will be drilled out to 7mm) and fasten with M6 safety nut. Remove adjacent radiator shroud M6 bolt and fit lower cooler bracket as shown in pic. Tighten all bolts/nuts.

Run the supplied 3/8 trans hose from the L/H side steel trans line around to the bottom of the cooler and fasten \* (do not over-torque and remember to tighten hose clamp at other end) Run the other trans hose (short one) from the R/H steel line to the bottom of the cooler again do not over torque and remember to tighten the hose clamp!



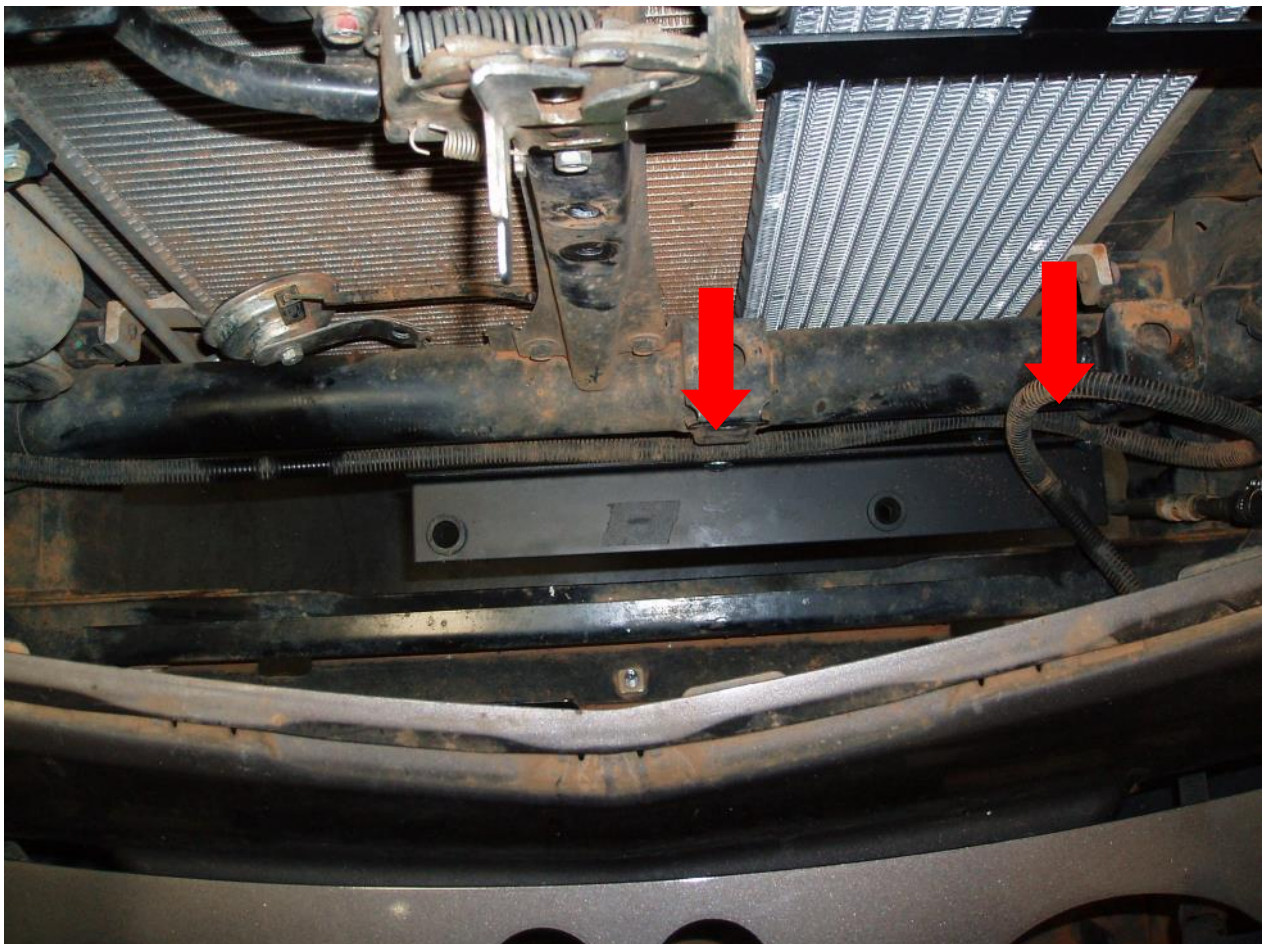
OLD STYLE SHOWN BELOW  
MOUNT TO THE SAME POINT  
WITH THE UPDATED BRACKET  
AND TRANS COOLER



**Step 3** Bend horn bracket as shown in picture, this will allow for clearance to the intercooler.



Fasten supplied lower intercooler mount to the steel OEM intercooler/trans cooler mounts along the radiator cross member with the supplied M8 cap head bolts as shown in picture.



WHEN INSTALLING THE INTERCOOLER CHECK THERE IS CLEARANCE TO THIS BRACKET (PASSENGER SIDE).



**Step 4** Lower the intercooler into position from the top and be sure the coolers locating dowels insert into the lower mounts rubbers. Using the supplied M8x25 safety bolt, fasten top cooler mount and horn to the bonnet latch support. Your upgraded cooler is now bolted firmly in place.



WITH THE INTERCOOLER FITTED REMOVE THE FACTORY PIPEWORK. CLEAN THE MANIFOLD INLET AND TURBO OUTLET SO THEY ARE FREE OF OIL.

INSTALL 2" 90 DEGREE SILICONE (SHORT SIDE) TO THE INTERCOOLER FOLLOWED BY THE TURBO SIDE PIPE WITH THE SUPPORT BRACKET. BOLT BRACKET IN PLACE WITH THE M6 PANEL BOLT SUPPLIED.



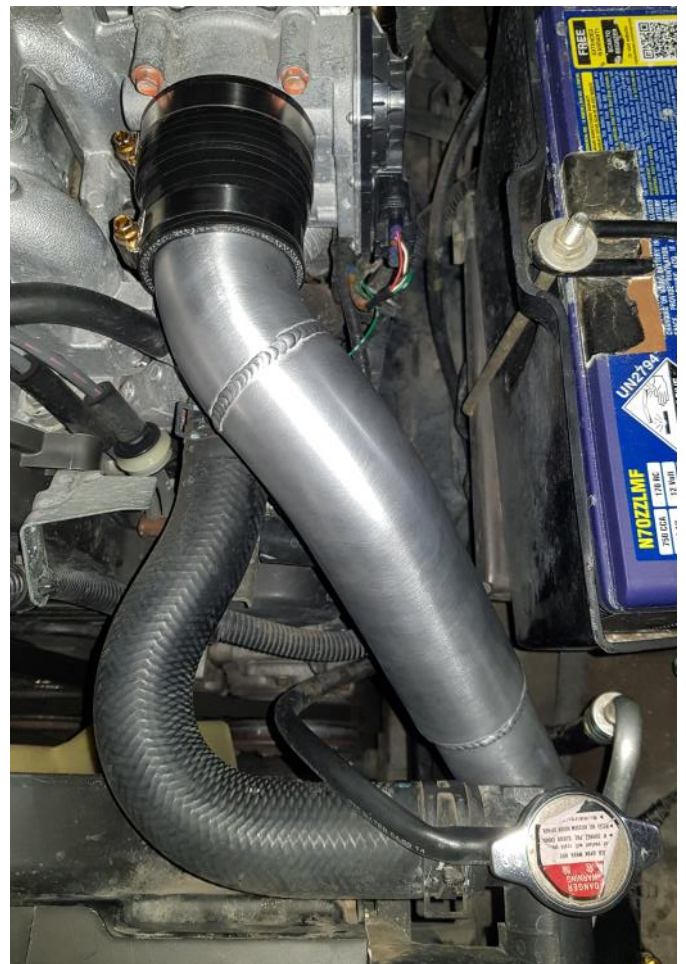
INSTALL THE REDUCER, 2: ALUMINIUM PIPE AND 2: 45 DEGREE (LONG SIDE TO TURBO) AS SHOWN.

TIGHTEN ALL HOSE CLAMPS.



INSTALL 2 1/4" 90 DEGREE SILICONE (SHORT SIDE) TO THE INTERCOOLER FOLLOWED BY THE MANIFOLD SIDE PIPE WITH THE SUPPORT BRACKETS. BOLT BRACKET IN PLACE WITH THE M8X35 BOLTS SUPPLIED THROUGH THE FACTORY RUBBERS.

INSTALL THE 2 1/4" 45 DEGREE SILICONE (LONG SIDE TOWARDS INTAKE MANIFOLD) FOLLOWED BY THE LARGE MANIFOLD PIPE AND SILICONE REDUCER AS SHOWN. TIGHTEN ALL CLAMPS.



**Step 6** It will now be necessary to trim the two plastic headlight/grille supports that sit either side of the cooler just under the headlights for clearance to the intercoolers pipe work. Please see picture below



R/H



L/H

**Step 7** Now reassemble the headlights and grill etc. Check that all nuts, bolts and clamps are tight. After a week of driving re tension the hose clamps and check at regular service intervals.

You are now done, congratulations! We trust our upgraded intercooler will provide you and your Triton with much improved motoring for the life of your vehicle. Should you have any questions or concerns, please do not hesitate to contact us on 08 8357 5993 or email

[info@crosscountry4x4.com](mailto:info@crosscountry4x4.com)

Thank you for choosing Cross Country to power up your Triton.