

## Transit connect M sport 1.0 Ecoboost – Intercooler fitting instructions.



### Tools required:

T27 torx socket

Ratchet

Trim removal tool

10mm socket

Socket extension pieces

7mm socket for jubilee clips

Flat blade screw driver

Drill & section of drill bits

5mm & 6mm Allen keys

Jack and axle stands to raise and support the vehicle.

### Fitting Kit Includes:

4x M6x20 Socket head

2x M8x20 Socket head

2x M8 mudguard washers

2x M6 Nylock nuts

6x M6x20 mudguard washer

2x Small cable ties

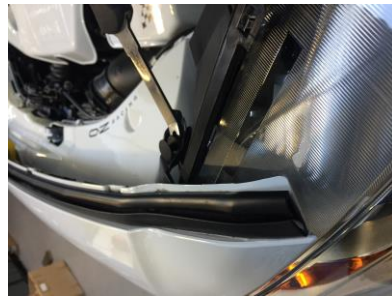
Intercooler

2x 90 degree silicone hoses

2x 45 degree hard pipes

4x 70mm jubilee clips

1. Remove headlights, undo T27 torx at the back of headlight & T27 at the front of headlight and push fit fitting securing headlight to bumper



2. Remove 4 push fit fittings securing top of bumper. They are hidden under the top rubber trim. Remove plastic lower trim.



3. Remove push fit fittings holding inner arch to bumper.



4. Undo 3x T27 torx securing bottom of bumper and 4x push fit fittings. It helps to remove engine under tray to get to these bolts.



5. Unclip sides of bumper by giving a careful pull and repeat under headlight.



6. Unclip bonnet release cable.



7. Remove bumper, be sure to unclip daytime running lights and ambient air temp sensor.

Store bumper in a safe place to prevent damage.



8. Remove standard intercooler, undo top securing clip and lower radiator cradle, 4x 10mm bolts and slide intercooler out through the bottom space between the cradle and engine.



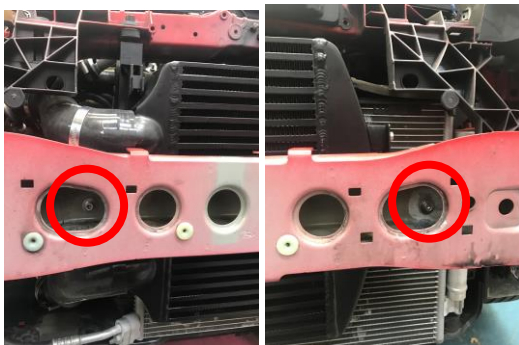
9. Bolt radiator cradle back into position.
10. Drill 2x3mm holes and cable tie air con pipe into place.



11. Locate intercooler between crash bar and air con radiator taking care not to damage air con rad. Please note: Hoses fitted at later stage, photo for fitting purposes only.



12. Loosely fit side securing brackets, centralise intercooler, once happy with location mark and drill crash bar (Please note: Crash bar is made out of what we think is granite so use some top quality drill bits)



**13. Fit supplied silicone hoses to intercooler and 45 degree hard pipes connecting to standard boost pipes**



**14. Relocate stepper motor using supplied bracket as pictured**



**15. Refit bumper following instructions in reverse**

