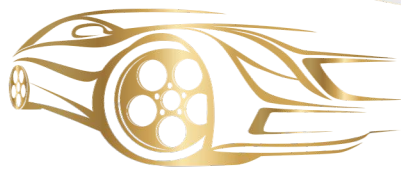
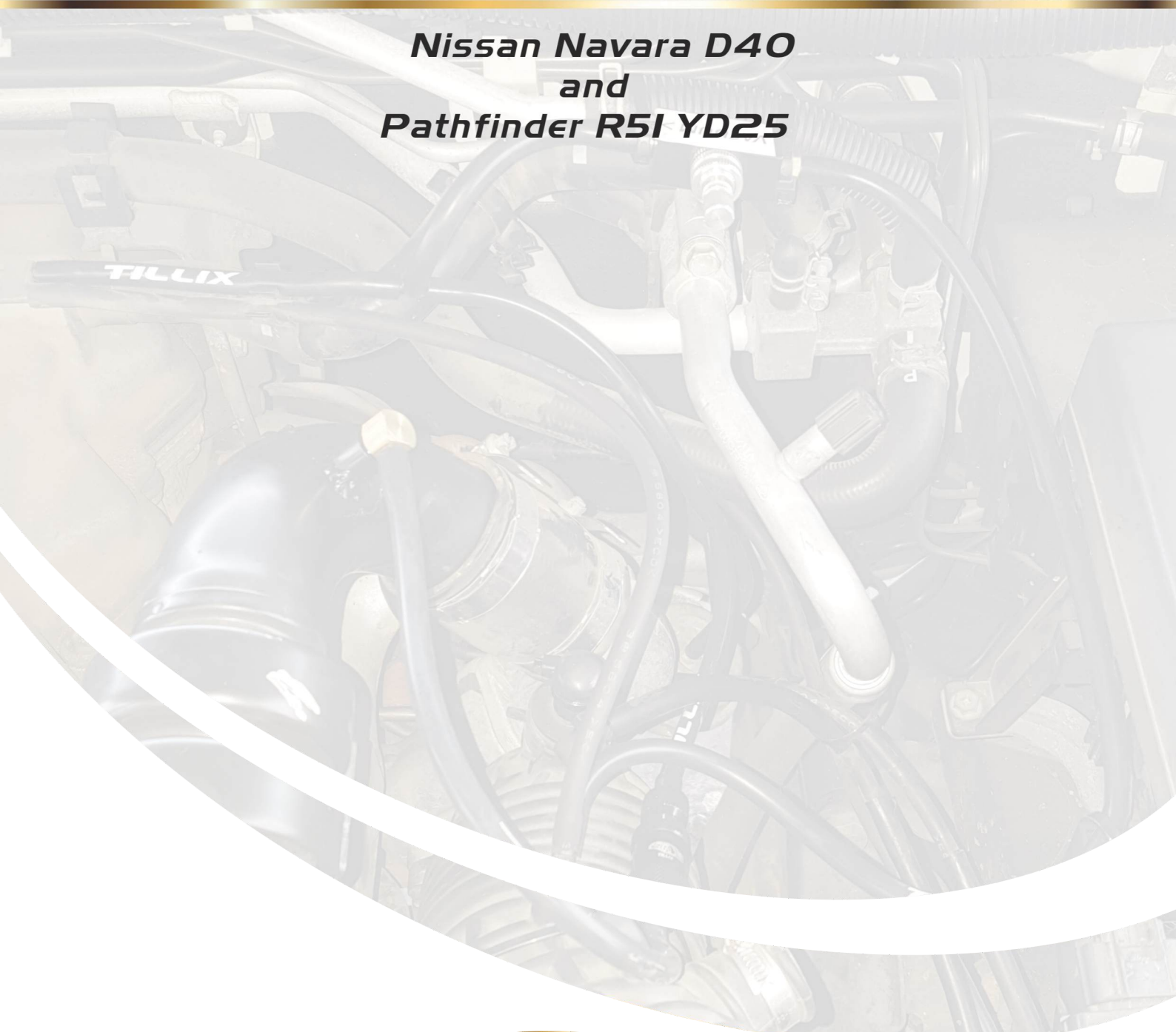


INSTRUCTION MANUAL

Nissan Navara D40 and Pathfinder R51 YD25



**TILLIX PERFORMANCE
AND TUNING**

Turbo Diesel Specialist

PLEASE READ BEFORE INSTALLATION

There are variations between Spanish and Thailand models, as well as differences over the years.

Some have the metal pipe connected to the turbo, others have a cast alloy pipe.

If your vehicle has the alloy pipe exiting from the turbo you can simply tap a 1/8th BSP thread into it instead.

The vacuum vent location on the turbo induction pipe is the same across the models, however the type of fitting in the hose varies. Some have extra spigot covered with a small plastic cap.

You may remove this cap, and use this as a vacuum vent rather than removing the factory hose and kinking it over.

All other aspects of the install are identical.

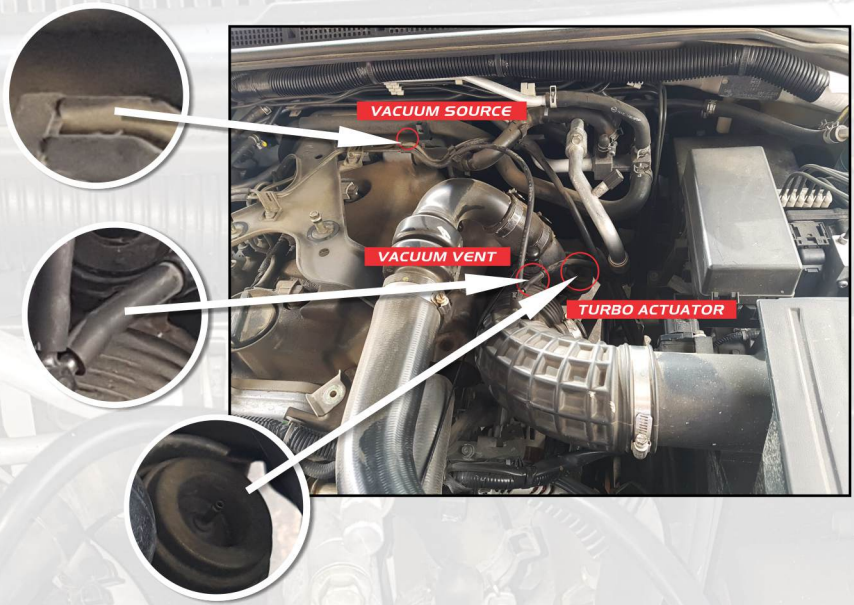
You may mount the Tillix and Needle in locations other than what are shown in this installation pictorial, but please read the full guide first so you understand how the system works and reacts when changes are made to hose lengths.



tillix.com.au

1

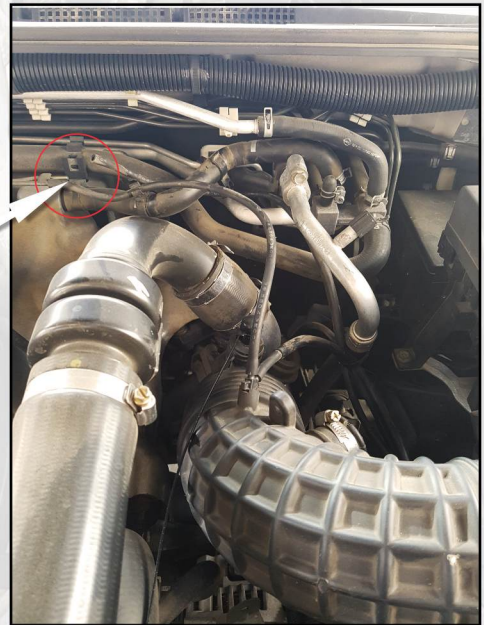
STANDARD



2

VAC HOSE REMOVED

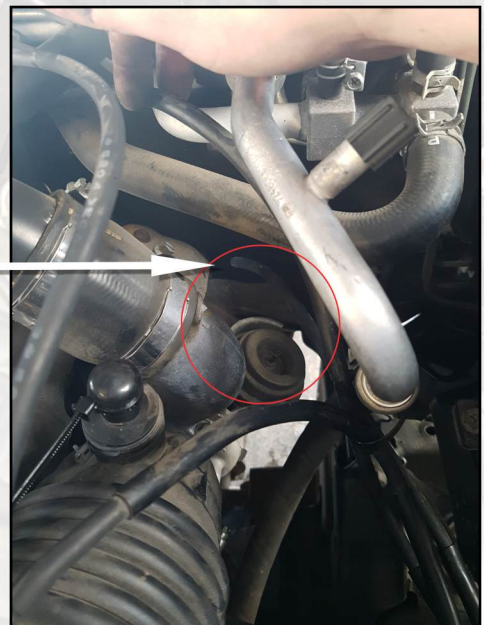
Remove vacuum source hose.



3

TURBO ACTUATOR HOSE REMOVED

Remove the hose from the Turbo Actuator.



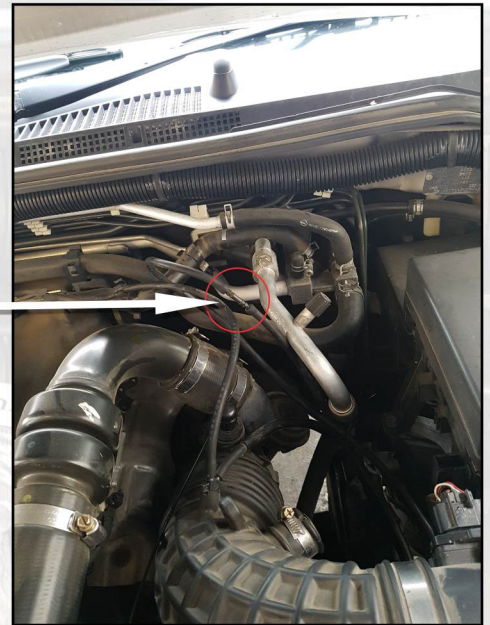
4

HOSES JOINED

Join the two hoses removed in steps 2 & 3.

Cable-tie them in a secure location once the rest of the kit has been installed.

This will allow you to quickly return the vehicle to stock if necessary.



5

BOOST SOURCE LOCATION

Remove the Turbo outlet pipe and mark it in the location shown.

Drill the pipe to 8mm, and prepare the metal for welding.

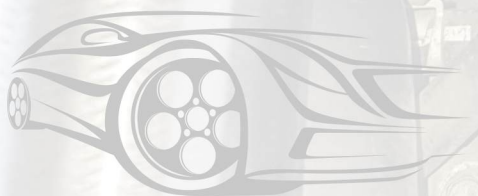
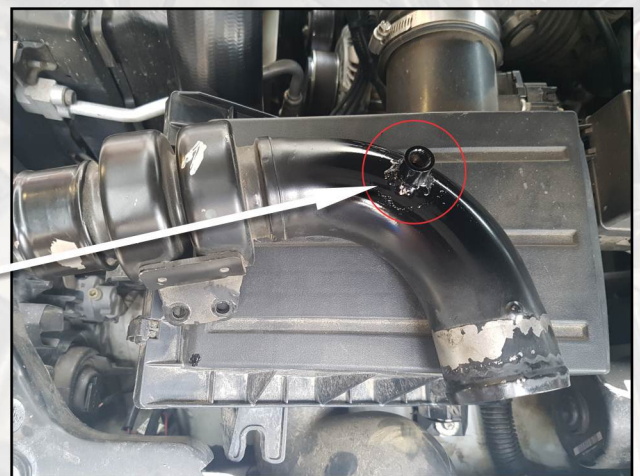
Thoroughly file the hole internally to ensure there are no dags that might break off.



6

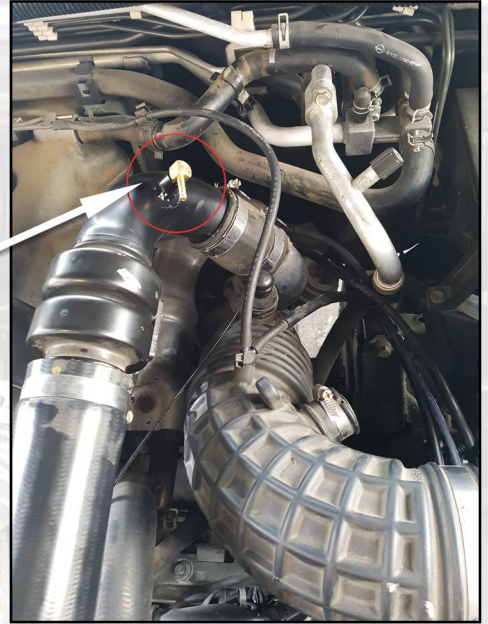
BOSS WELDED ON

Once the fitting has been welded on (Tig or Mig is fine) paint the pipe to prevent rust.



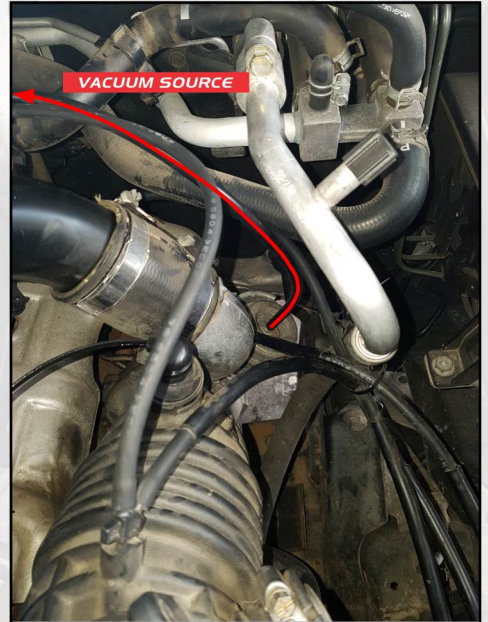
7 FITTING INSTALLED INTO BOSS

Install the 90 degree fitting using thread tape or sealant.



8 NEW VAC HOSE RUN - T-PIECE INSTALLED

Run NEW vacuum line from the vacuum source down to the turbo actuator.



9 T-PIECE CLOSE UP

Install one of the T-pieces in the line that was just installed.

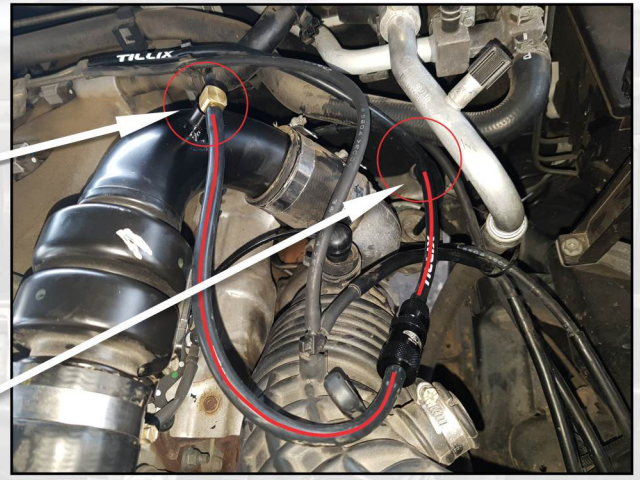


10 TILLIX VALVE INSTALLED

Run new silicon hose from the boost fitting to the T-piece.

Install the Tillix Valve in this new line, with the large end of the valve facing the boost fitting.

This will be cable tied to the induction hose.

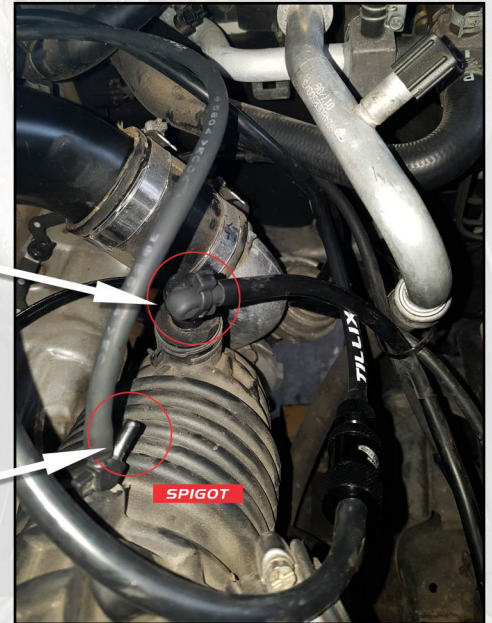


11 STANDARD HOSE REMOVED

Fold the end of the hose over and cable-tie it closed.

Once the kit is installed, secure this hose to the rest of the vacuum lines.

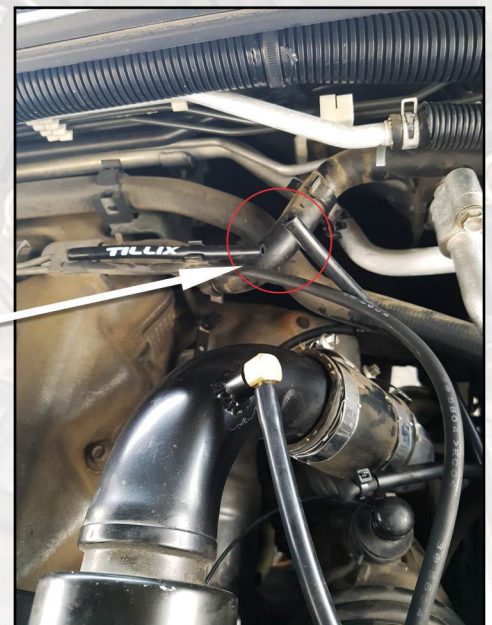
Remove the vacuum vent hose from the spigot.



12 SECOND T-PIECE LOCATION

Cut the hose installed in step 8.

Install the second T-piece in this location.

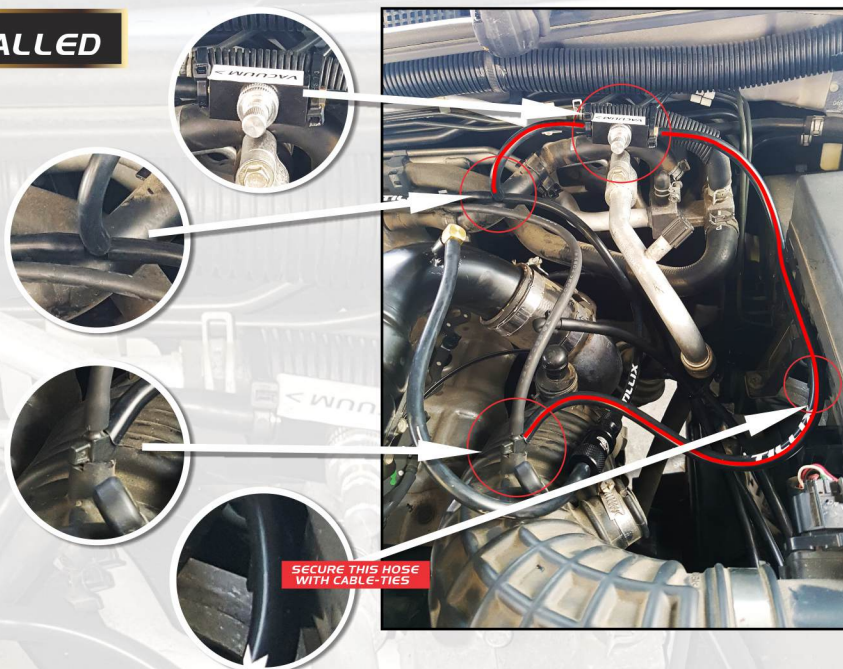


13 NEEDLE VALVE INSTALLED

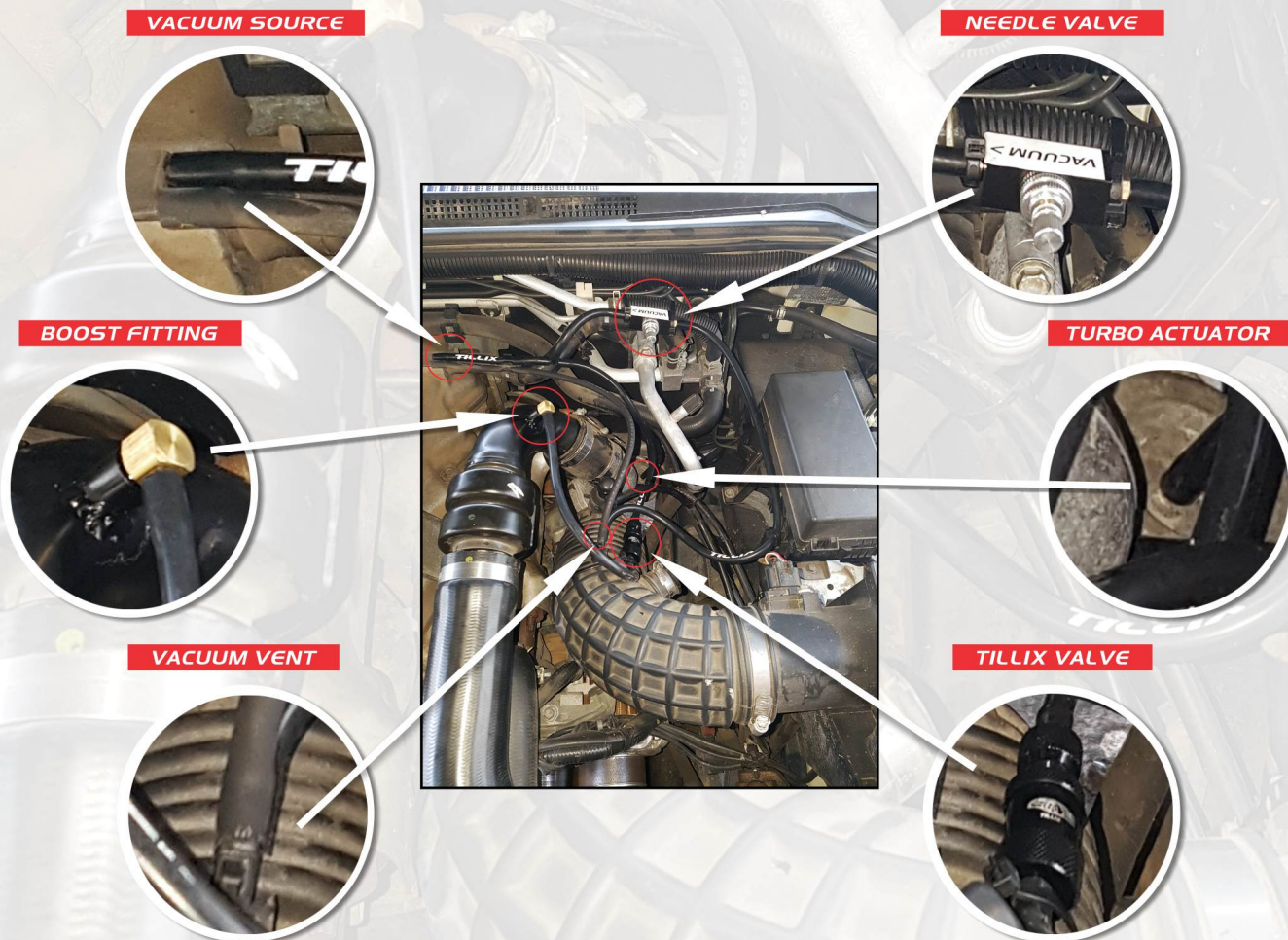
Mount the needle valve to the coolant pipe as shown. Secure with cable-ties.


Run new silicone hose from the second T-piece to the vacuum vent through the needle valve.

Ensuring the vacuum arrow is pointing towards the vacuum source.



14 COMPLETED KIT



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