

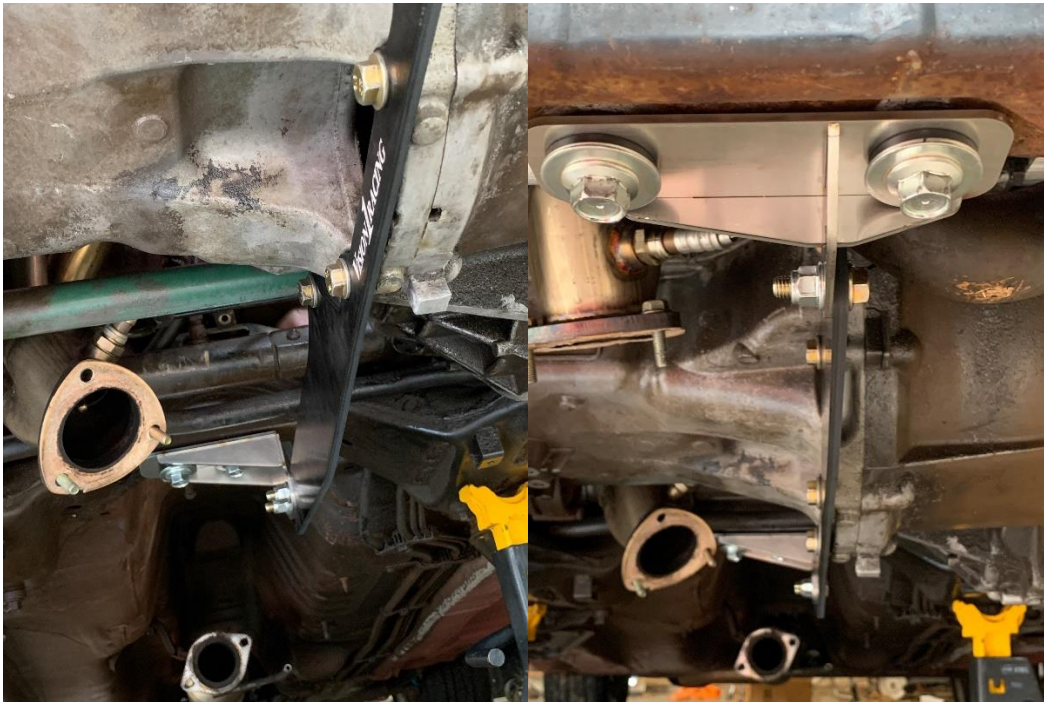
VISION 1 RACING

Nissan B15 Midplate – QR/VQ

Begin by placing your vehicle safely on jack stands

You'll need to remove the factory crossmember as well as any corresponding brackets for the front/rear motor mounts

Install the front and rear chassis brackets included with your midplate kit. Refer to the photo below for bracket orientation. It is advisable to use a solid crossmember bushing – either aluminum, Nylatron, or Delrin materials are excellent



Leaving the bolts slightly loose at this point is a good idea to aid final assembly

With both front and rear chassis brackets installed, your V1R Midplate can now be set in place

Be sure the Midplate is installed on the **driver side** of both chassis brackets

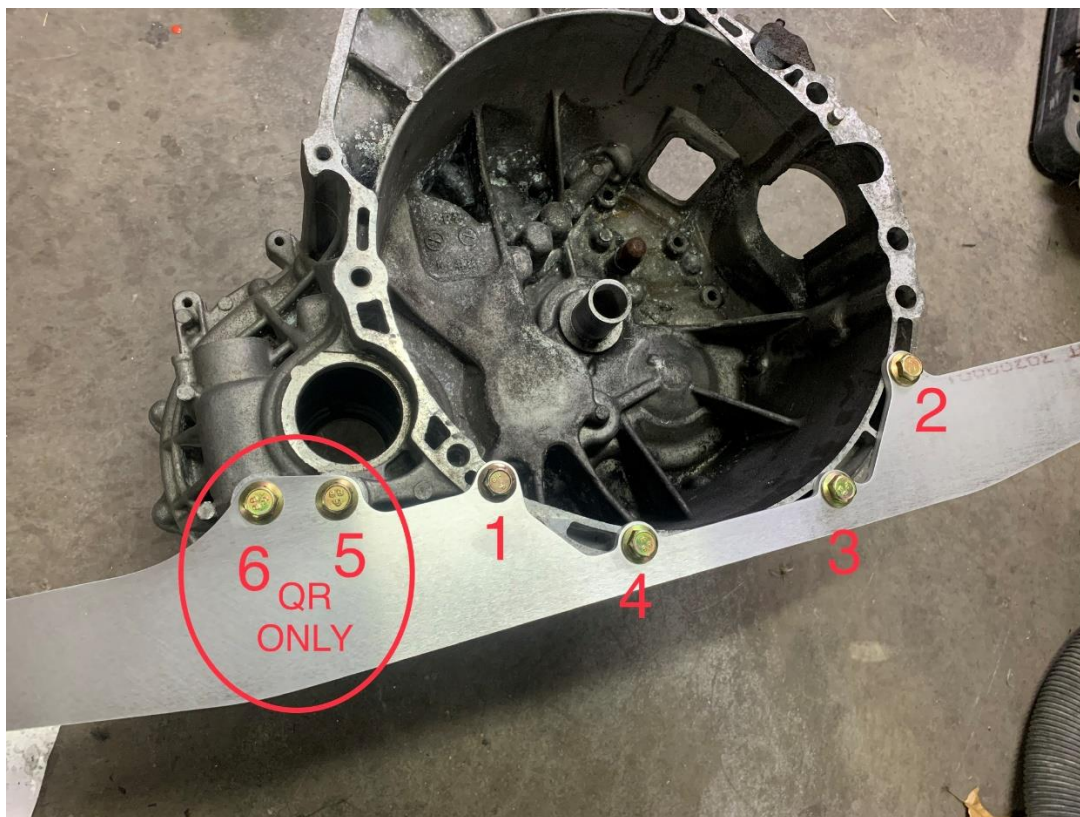
(2) of the included 45mm bolts can be loosely installed in positions 1 and 2 from the diagram below

If installing on a VQ application – All 4 mounting bolts should be on the same plane and **no spacers are required**. In some instances, there may be a small gap between the plate and oil pan in one or two locations where a shim may be advisable. The remaining (2) 45mm bolts can be installed in positions 3 and 4 at this time

NOTE: This kit is intended for a 1st generation oil pan and will work on newer generation VQ's as long as the original 1st gen oil pan is retained

If installing on a QR application – You will need to install the included (2) **SMALL spacers into position 3 and 4** from the diagram below. Loosely install the corresponding 45mm bolts to secure in place. You will then install the included (2) **LARGE spacers into positions 5 and 6** and secure in place with the (2) 55mm bolts

NOTE: This kit is designed with the 1st Gen bellhousing pattern in mind. The 2nd Gen oil pan may not line up correctly at position 1. You will either need to modify the oil pan appropriately or omit this bolt altogether at which point we included 2 extra mounting locations (position 5 and 6) to account for this



With all bellhousing bolts loosely in position – You can now install the (4) included 30mm bolts and locknuts on the front and rear chassis brackets.

Again, **the midplate should be bolted to the driver side of both chassis brackets.** This will ensure the offset is correct and the midplate remains straight.

As with any solid mount setup – It is advisable to utilize a threadlock such as [Blue Loc-Tite](#).

Always refer to your FSM for exact torque specifications.

We've included the values below as a quick reference.

Position 1 thru 4 – Torque to 25-30lb/ft

Position 5 and 6 – Torque to 55-60lb/ft

Chassis Bracket M10x30 – Torque to 35-40lb/ft

OEM Crossmember Bolts – Torque to 60-65lb/ft