



HD Detent Kit

Nissan FWD 6spd (RS6F51A/H)

Congratulations on your new V1R HD Detent Kit!

Within the transmission, there are four springs that are responsible for holding each shift fork in place when selecting a gear. V1R has increased these spring rates by over 70% to provide the driver with positive feedback desired with each shift. Upon installation you'll be confident that the gear has fully engaged and that it stays there!

Before beginning it is important to take note of each spring's location within your kit! Each spring has been custom tailored to give the necessary spring rate increase for each gear. While 3 of the springs look very similar, there ARE some differences. You'll find locations for each spring on the label at the rear of the package. In the event that these are mixed up, we've included a photo showing the length of each spring. You'll note that the 3 smaller springs are slightly different lengths.

As with any modification under the hood, it is good practice to begin by disconnecting the battery.

On the transmission, there are FOUR plugs that can be removed with a 14mm socket. The photos below will show you which gears are represented by each plug.

Simply remove the 14mm plug – One at a time

Use a magnet to carefully remove the OEM spring

Do NOT remove or lose the check ball that is beneath the spring

Install the corresponding V1R spring

Reinstall the 14mm plug and torque to factory specification.

Enjoy your improved shifter feel!

Thank you for your support!

Any questions can be directed toward VisionOneRacing@gmail.com

I will respond as soon as possible

