

## Vibrant 4-2-1 Header

Text by Dave MacKinnon • Photos provided by Vibrant Performance



er for superior low-and mid-range power while still making excellent power through the VTEC powerband.

Setting this header apart from many others on the market are its Stainless Steel Wax Cast flanges. Most flanges are simply laser- or CNC-cut out of a sheet of mild or stainless steel. Vibrant's cast flanges have the benefit of being much lighter yet stronger than a CNC or laser cut flange and have been enhanced with extra material around the connection points for the tubing to create a stronger and more reliable connection. To further improve the reliability of the header, Vibrant uses TIG welding exclusively. TIG welding has the benefit of not distorting the materials being welded due to better heat control and no splatter is created, which makes the piece look better.



The header on this Integra was changed for two reasons. The first was to improve the clearance between the exhaust and the front sway bar. The four-into-one header touched the sway bar when the engine rocked forward. The new Vibrant header doesn't have this problem. The second reason for swapping the header was to widen the power band over which the header adds power. As an added bonus – but not really a reason why the swap was performed – the Vibrant piece offers more ground clearance thanks to its closer fit, so you're not as likely to hear the scraping noise as often when driving over speed bumps.

The new header offers 1.75-inch primary tubes for good flow velocity. The outside and inside cylinders are paired for excellent scavenging and more power. The outlet of the header is 2.5 inches in diameter. Because of the size of the outlet on the Vibrant J-SPEC header, mating it to the catalytic converter requires the use of Vibrant's J-SPEC Hardware Kit (Part #2599.) This makes the fitment of any aftermarket exhaust system a breeze. **PAS**

**T**uning a car for power and streetability is much different than tuning a car to run on a race track. During the build-up of local all-around shop International Automotive & Custom's Integra Type-R, the decision was made to swap out the already installed header for a new unit from Vibrant Performance.

The original unit used on the car was a four-into-one design that optimized power production in the upper rpm range. The new Vibrant J-SPEC 4-to-2-to-1 header (Part No. 2539) is fabricated from T-304 Stainless Steel, including all the flanges and features longer and larger diameter primaries than the average 4-2-1 Acura head-

EXHAUST HEADER

**The Source:** International Automotive & Custom (IAC) • 1116 Midway Blvd., Unit 3, Mississauga, ON, L5T 2H2 • (905) 565-0659 • [www.iactech.com](http://www.iactech.com)  
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