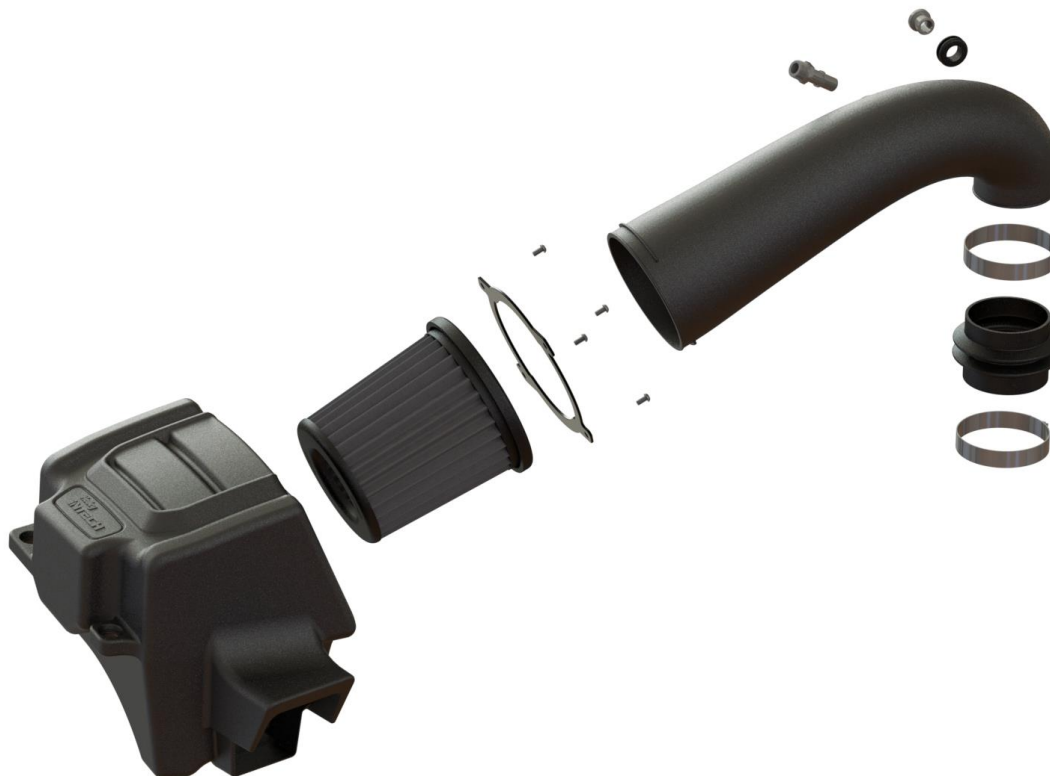




2019-2022 Ram 1500 V8, 5.7L
Intech Cold Air Intake System

223-36

Installation Instructions



Thank you for making HOLLEY iNTECH COLD AIR INTAKES your choice in a high-performance air intake system. Extensive dyno/track testing has enabled HOLLEY to offer the most advanced design in sealed air intake systems. HOLLEY iNTECH's patented interface allows for an easy and seamless installation, moreover, results will show additional horsepower, reduced air intake temperature and improved performance. Proper installation and maintenance will ensure long life and maximum performance from your HOLLEY iNTECH COLD AIR INTAKE. Visit [PATENTS.HOLLEY.COM](https://patents.holley.com) for more information.

BEFORE STARTING:

Ensure that the engine is cold and has not been ran for a minimum of 2 hours prior to install.

INCLUDED HARDWARE:

P/N	Qty.	Description
80R158	1	Air Filter
223-36A	1	Tube
223-36H	1	Housing
61R867	1	Coupling, Dbl Hump, Si, 3.5"ID x 3"L
19R1037	1	Fitting, CCV, AL, ½" NPT
53R293	1	Grommet, Rubber, Push-In, 1.06ID
557R9	2	Clamp, T-Bolt, 304SS, 3.75-4.07"
505R115	4	Screw, M6x1x12mm SSBF, Black SS
711R1	1	Fitting, AL, Temp Sensor
711R4	1	Retainer Ring
99R10460	2	Decal, Intech 5" x 1.5", Die Cut Special

Check the hardware package. If anything is missing, please contact Technical Service at 1-866-464-6553 or 270-781-9741

INSTALLATION:

1. Disconnect the negative cable from the vehicle battery.
2. Pinch, and then disconnect the crankcase vent (CCV) hose from the backside of the factory intake tube (**Figure 1**).
3. Disconnect the temp sensor wiring harness from the temp sensor on the intake tube (**Figure 1**).
4. Loosen the hose clamp securing the intake tube to the throttle body (**Figure 1**).
5. Pull up firmly on the factory housing, and then remove the entire air intake assembly from the vehicle (**Figure 1**).

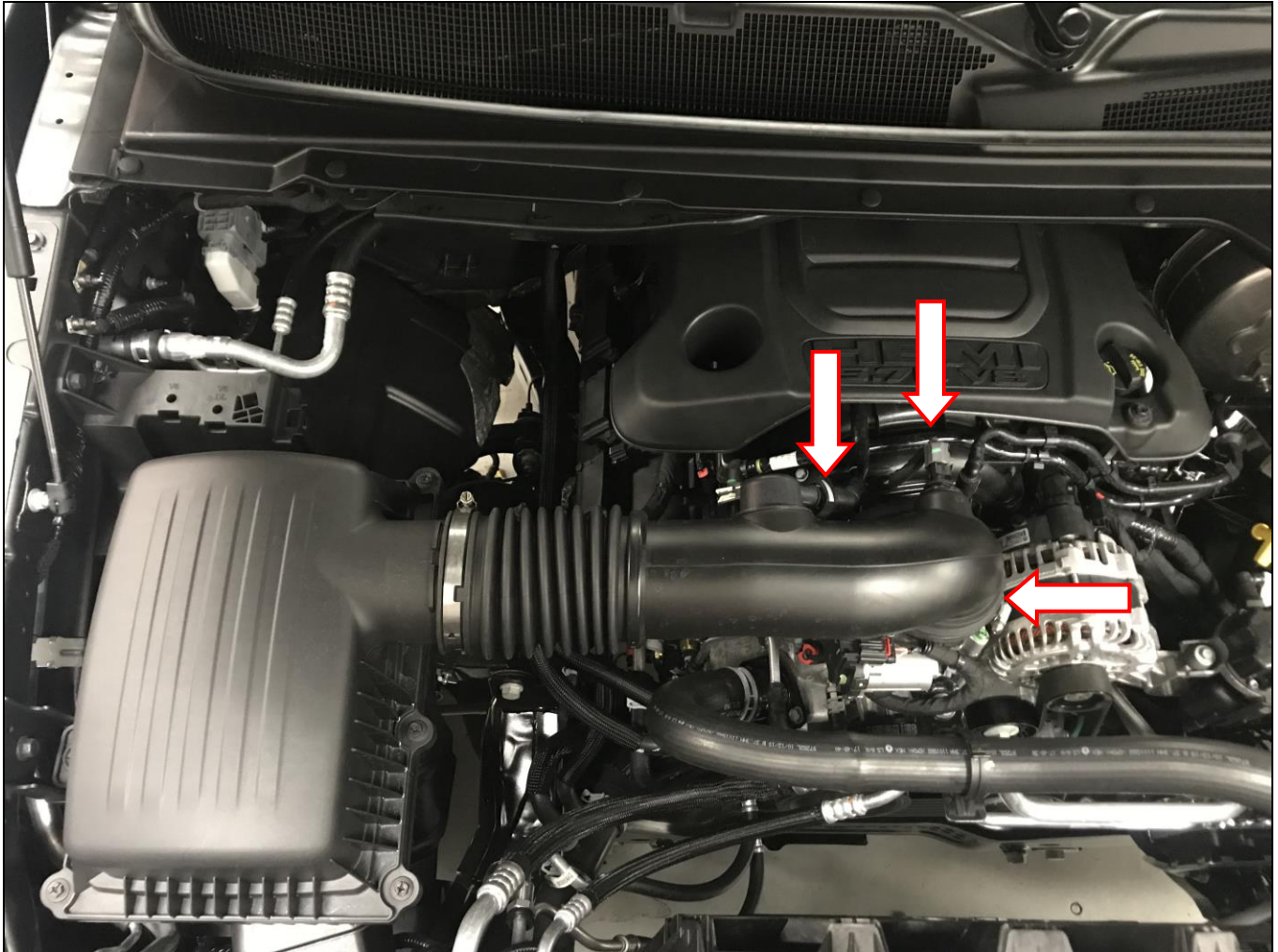


Figure 1

6. Remove all (x4) rubber grommets from the factory housing and replace on the iNTECH housing (**Figure 2**).
7. Install the iNTECH housing into the vehicle by aligning the grommets with the studs, then firmly pressing down (**Figure 2**).
8. Install the iNTECH air filter into the iNTECH housing by firmly pressing into housing until filter is fully seated (**Figure 2**).
9. Install the supplied silicone coupling on the throttle body and secure with a T-bolt clamp (**Figure 2**).



Figure 2

10. Install the supplied 1/2" NPT fitting into the intake tube (**Figure 3**).

NOTE: Do not overtighten. Hand tighten, then an additional $\frac{1}{4}$ turn with a wrench.

11. Install supplied grommet followed by the temp sensor fitting into the iNTECH tube (**Figure 3**).

12. Remove the temp sensor from the factory tube by lightly lifting up on position tab with a flathead screwdriver or equivalent and rotating counterclockwise and pulling out. **Be careful not to use too much pressure prying on sensor tab.**

13. Reinstall the temp sensor into the iNTECH tube fitting making sure the position tab on sensor is turned clockwise far enough to engage in lock on fitting (**Figure 3**).



Figure 3

14. Slip the provided metal ring over the large end of the iNTECH tube, then insert the tube into the air filter until you feel a 'lock' **(soap and water or equivalent will help with inserting the tube into the filter) (Figure 3).**
15. Rotate and align the tube with the throttle body and coupling. Insert the tube into the coupling **(Figure 3).**
16. Align the holes in the ring with the housing inserts and secure with the provided M6 screws **(Figure 3).**
17. Install the remaining t-bolt clamp over the coupling and tighten **(Figure 3).**
18. Reconnect the temp sensor wiring harness to the temp sensor on the intake tube **(Figure 3).**
19. Reconnect the plastic CCV hose to the ½" NPT fitting on the intake tube **(Figure 3).**

NOTE: It may be necessary to rotate the CCV hose at the valve cover, to better align with the fitting.

20. Connect the battery and re-check your work.



Figure 3

NOTE: Power gains may not be immediate. Accumulation of 200-500 miles and multiple key cycles may be needed for the vehicle to register optimum gains.

NOTE: After 150 miles, re-check and tighten all nuts, bolts, clamps and fittings.



This part is legal under the provisions of EPA's Tampering Policy dated November 23rd, 2020. The company has reasonable basis (test results) to verify that this product allows the vehicle to operate within legal emissions standards and is therefore legal to be sold for on-street use in all states that accept the legal provisions of the Clean Air Act and the EPA Tampering Policy. This product is NOT LEGAL FOR SALE OR USE IN THE STATE OF CALIFORNIA. Testing with the California Air Resources Board, in order to achieve 50-state compliance, is pending with CARB. Once testing is complete with California, and an E.O. number is issued, this product will be updated to 50-state legal status.

NOTICE: THIS PRODUCT IS EQUIPPED WITH A NON-REMOVABLE EMISSIONS DEVICE.

LIMITATION OF LIABILITY – DISCLAIMER:

The regulation of emissions production, noise levels, and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns, and counties.

HOLLEY INTECH makes no warranties of merchantability, of fitness for particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the state where they may be sold to the ultimate purchaser, the consumer.

Unless expressly stated to the contrary in the catalog, instruction sheet; or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, the retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, or repair.

THE FOREGOING STATEMENT LIMITS THE LIABILITY OF THE MANUFACTURER.

California vehicle code, sections 27156 and 38391, prohibits the advertising, offering for sale, or installation of any device, which modifies a vehicle's emission control system, unless exempted, unless otherwise noted. HOLLEY INTECH that has not received an Executive Order (E.O.) exemption from these code sections are not legal for sale or use in California on vehicles originally equipped with catalytic converters, except for racing vehicles, which may never be driven upon a highway. Check with your local authorities to determine if this air intake system is legal for use in your particular area.

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