



PERFORMANCE EXHAUST


A PerTronix Performance Brand ~ www.pertronixbrands.com ~ 909 599-5955

Installation Instructions & Warranty Information

1816S ~ 2010-2011 Chevy Camaro 3.6L V6

Cat4Ward® Headers



	<p>PERTRONIX PERFORMANCE BRANDS EMISSIONS CODES</p> <p>This product has been granted a California Air Resources Board (CARB) Executive Order (EO Number) Exemption. It is 50 State Legal when installed on the Specified vehicle per the Manufacturer's Current Application Guide, the CARB EO, and Installation Instructions.</p> <p style="text-align: right;"><small>REV 3/2022</small></p>
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<p>⚠ WARNING:</p> <p>This product can expose you to chemicals including Lead, Nickel, Cadmium and Chromium which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov</p>
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PLEASE READ BEFORE PROCEEDING

PerTronix® thanks you for choosing a JBA Performance Exhaust Product. To realize the potential of JBA's engineering and excellent fit, Please Read and Understand these instructions completely prior to starting the installation.

Check that you received all the parts listed on the parts list, if you have any concerns, please contact PerTronix before continuing. Headers will have the part number stamped in the flange.

Work Smart – Work Safe! Most Header and Exhaust Installation are best performed on a lift. If a lift is not available, raise the vehicle and support on quality Jack Stands on level ground. Do not rely on a jack!

We use sealing beads on all our headers. The raised bead creates a better seal virtually eliminating leaks if installed properly. It is important to install all header bolts lightly snug and then tighten to factory torque specs starting in the center and working outward.

Before starting, allow the vehicle to cool, disconnect the battery, and spray a penetrating oil on all hardware and fittings that will need to be removed. Once you remove your manifold, clean the sealing surface on the head of any old gasket debris or carbon build up.

INSTALLATION OF THESE HEADERS REQUIRES WELDING READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

1. Remove plastic engine cover.
2. Remove the three bolts (10mm) attaching the heat shield to each exhaust manifold. Remove the heat shields, the drivers side will come out the top, the pass side will drop out through the bottom.
3. Remove one of the 15mm nuts attaching the Cat assembly to the manifold on each side. Leave one nut on each side very loose to keep the Cat assembly from falling on your head when you work underneath.
4. Remove locking clip on the O2 sensor plug and disconnect the O2 sensors.
5. Loosen the 15mm nuts on the band clamps connecting the exhaust pipes to the Cat assemblies.
6. Release the clip and slide the band clamps to separate the pipes.
7. Unplug the rear O2 sensor leads, remove the nut that you left loose in step 4 and remove the Cat assemblies.
8. Remove the Dip Stick and tube from the engine. Remove the bolts attaching the exhaust manifolds to the cylinder heads. Remove the manifolds.
9. Clean the carbon build up from the head surface. Be careful not to gouge the aluminum.
10. Swap the front O2 sensors into the headers. Use a dab of anti-seize to protect against galling.
11. Inspect the gaskets and replace with new factory GM if necessary, install the headers using the supplied bolts. Use care to insure the headers are tightened evenly.
12. Install the adapter flanges to the header using the supplied clamps. Use anti-seize on the clamp bolts. Tighten "snug", but don't final tighten yet.
13. Measure 3/4" from the weld on the inlet side of the primary cat and mark the tube. Carefully cut the tube at your mark.

14. Slip Cat assemblies into adapter flanges, and connect to exhaust pipes using the original band clamps, do not tighten the clamps yet. Align the exhaust and Cat assemblies into the adapter flanges, tighten the factory band clamps. Make sure that you have the cats lined up with the header adapter flange and that the exhaust is completely back in the factory original position. This is critical to the car running correctly and maintaining calibration. The cats will slide inside the adapter flange. It is in the right position when the factory weld butts up against the end of the JBA adapter flange. When you are confident that the cats are back in the factory original position, Tack weld the Cat and adapter in at least three places on each side, making sure that it won't move when you remove for final welding.

15. Careful remove the Cat assemblies and finish weld the adapters to the Cat's. Be sure you have no pinholes in your welds

16. Re-install the Cat assemblies. Connect exhaust. Align Cat's and exhaust, Tighten all connections securely. Plug all four O2 sensors back in.

17. Re-check all steps, check for proper clearance on all fuel lines, brake lines, and wiring harnesses. Reinstall the oil dipstick. Re-connect the battery cable.


18. Start engine, and check for leaks.

19. Warm engine, allow to cool, re-torque headers.

Parts List:

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|----------------------------------|-----------------------------|
| (1) Driver's Side Header | (1) Passenger's Side Header |
| (2) 2.5" - 2.25" Adapter Flanges | (2) 2.5" inch V-Band Clamps |
| (1) CARB EO Sticker | |

This Header uses Stock GM Gaskets, part #; 12576262- L/S - 12608475- R/S



This vehicle is equipped with:
Dougs Headers # D66XX
JBA Header # 15XXS
Legal for sale and installation in California
CARB EXECUTIVE ORDER
D-57-27, D-57-31

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WARNING

This label is required to aid in passing the California smog check program. This label must be installed in an underhood location that is readily visible.

JBA LIMITED WARRANTY

All JBA Headers and Exhaust products are guaranteed, to the original purchaser, to be free of defects in materials and workmanship for one year. This warranty covers the replacement or repair of the product only and does not cover the cost of removal and installation, customer applied aftermarket coatings or any discoloration or corrosion of finished surfaces.

Damage or product failure resulting from collision, improper installation, off-road use, road hazards, the use of exhaust insulating wrap or like products or rust occurring after installation, is not covered by the warranty. The warranty extends only to the original purchaser.

Should a part become defective it should be returned to the original selling retailer and must be accompanied with the sales receipt. If there is no retailer in your area, call the factory for a return authorization and return your part prepaid to the factory for inspection. PerTronix reserves the rights to replace or repair the alleged defective part and return the part freight collect.