

JBA[®] performance exhaust

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Installation Instructions and Warranty Information

6690S 2005-2006 Ford GT



This product is Not legal for Street or Off Highway use in California or in states that have adopted California Emissions Regulations and is only intended for Closed Course Competition use, except 1965 and Older US manufactured California Certified vehicles, 1967 or older US manufactured Federally Certified vehicles, or 1967 and older Foreign manufactured vehicles which may have any aftermarket add-on or modified part installed as long as the vehicle can still meet the tailpipe emission standards for the year of the vehicle and retain any original or retrofit crankcase control (PCV) devices and NOx device required for the year of the vehicle.

Read all instructions carefully before attempting installation.

Rev. 2 2-10-15 DSL

PerTronix© thanks you for choosing JBA HEADERS, the best fitting, highest quality header on the market. In order to realize the full potential of our good fit, please read and understand these instructions completely prior to starting work.

Check to make sure you received the proper parts for your application. The header number will be stamped on the engine flange. If you are unsure you have received the proper parts call before you start work.

Be sure to work safe! Whenever you work under the vehicle be sure that it is located on level, solid ground and is supported by adequate safety stands! Remember: Hot asphalt will not support most jack stands!

Many factors affect the installation of headers, some of which are broken or aftermarket motor mounts, accidents that impact the configuration of the frame, and/or the installation of different engines or aftermarket cylinder heads.

Attention Customers breaking in new engines: Due to the extreme heat generated during the break-in process, the appearance of the ceramic coating may be altered in certain areas. The protection characteristics and thermal barrier properties of the coating is never compromised. It is recommended that a cast iron manifold or old set of headers be used for this process.

Notice: The coating of these headers can be marred or scratched during installation. If the header needs to be returned and is damaged, you will be charged for recoat.

JBA uses sealing beads on all its headers. We have found that when installed correctly, the raised bead around each port increases the pressure exerted on the gasket directly adjacent to the port and effectively prevents leaking gaskets. It is normal for the flange to be raised off the cylinder head the thickness of the sealing bead. It is important when installing the header, to install all bolts loosely, then tighten evenly to ensure the flat installation of the flange. The torque sequence from one flange to another will vary, but generally every bolt on a header should be first fit snug, starting from the inside of the flange working out, alternating from top to bottom so that the bolt connects the flange to the manifold to the point where they barely touch. Second, using the same inside-out pattern, tighten each bolt until finished. This method will help prevent leakage and will give the user the best possible performance out of their pair of headers.

1. These headers are best installed on a drive on lift.
 2. Remove trunk liner. Disconnect Neg. Battery cable.
 3. Remove the rear section, and next section forward of the belly pan.
 4. Remove the rear hatch. This is a three-person job. Disconnect the electrical connector, pull the two little hairpins from the pivot pins, two people hold the hatch while the third disconnects the lift struts, and pulls the pivot pins. To separate the hinges the hatch must be lowered slightly, and slid forward and up.
 5. The rear lower grille must be removed.
 6. Remove the air box.
 7. To remove the muffler- Remove the six nuts attaching the cat assemblies to the muffler. Remove the four bolts attaching the cross bracket to the muffler. Remove the three nuts attaching the cross bracket to the vertical bracket on the rear of the transaxle. Remove the vertical bracket, and the cross bracket. Support the transaxle from below. Remove the through-bolt at the top of the trans-axle to the frame. Lower the trans axle until it stops. Move the shift arm forward. The muffler can now be removed. It weighs more than 50 lbs, and is awkward, so an extra person is highly recommended.
 8. Unplug the O2 sensors. Remove nuts attaching Cat assemblies to the manifolds. Remove Cat assy's rearward, and up through the top.
 9. Remove the bolts attaching the heat shields to the exhaust manifolds. Remove heat shields.
 10. Remove the EGR tube.
 11. Remove the nuts and studs attaching the manifolds to the heads. Remove the manifolds from the vehicle.
- Installing the headers.
12. Remove the nuts and bolts attaching the axle heat shields to the trans axle. Remove the shields.
 13. Remove the six Torx head bolts attaching the CV joints to the trans axle. Collapse the half shaft slightly to allow the CV joint to clear the companion flange, and raise the half shaft above the flange.
 14. From the rear underside, slip the headers into place, under the half shafts, all the way forward.
 15. Using the gaskets and hardware provided, bolt the headers to the motor. Replace through bolt on trans axle. Re-connect half shafts, and heat shields.
 16. Check to insure adequate clearance on the clutch hydraulic line. If necessary it can be slipped out of it's bracket and lowered slightly.
 17. Re-install EGR tube.
 18. Install the new exhaust pipes using the supplied V-band clamp. * Note- The bolt and nut provided with the clamp are stainless, and will gall. Use anti-seize on bolt. Swap O2 sensors to Cat pipes.
 19. If re-installing factory muffler reverse disassembly procedure. If installing JBA (Item name) use hardware supplied, and reverse disassembly procedure.
 20. When the exhaust system is buttoned up, check to insure adequate clearance on clutch line, Starter wires, etc.
 21. Re-connect battery cable.
 22. Start engine and check for leaks.
 23. Re-install hatch, grill, and belly pan pieces.

Parts List:

- (1) Driver's Side Header
- (1) Passenger Side Header
- (2) Header Gaskets
- (1) Bolt Kit
- (2) 3" Breaker Clamp

Other recommended parts:

- 40-2636 – 2005-2006 Ford GT Muffler System
- 6690D – 2005-2006 Ford GT Downtubes
- 6690DC – 2005-2006 Ford GT Downtubes with Catalytic Converters

LIMITED ONE YEAR 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.

JBA
performance**exhaust**®

