

1550 HORSEPOWER SHOOTOUT

Truckin'

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**51 PAGES OF
HIGH ROLLIN'
CUSTOMS**

- AWD AIRBAG INSTALL
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- CLASSIC TRUCK GUIDE

VOLUME 32, NO. 4 ■ FEBRUARY 14, 2006 — MARCH 13, 2006

**DIAMONDS ARE FOREVER
MILLION DOLLAR
WHEELS**



BY BOB RYDER
PHOTOGRAPHY: BOB RYDER

JBA EXHALE SYSTEM FOR AN H2



JBA Performance Headers in San Diego, California, claims to produce 20-plus lb-ft of torque and 30-plus hp with their 50-state smog legal headers and exhaust systems for '03-'05 Hummer H2 6.0L Vortec V-8s. These header/exhaust systems provide reliable performance throughout the entire rpm range and even increase the mileage by 1-2 mpg.

JBA takes pride in engineering and producing precise fitment for all their bolt-on power products. JBA headers are constructed to last a long time with heavy-duty one-piece, 3/8-inch-thick, laser-cut flanges and 14-gauge mandrel-bent steel primaries. Patented JBA Firecone collectors deliver the added performance of a merged collector. The JBA collector's internal cone length and shape will produce precise backpressure and scavenging, which makes torque and horsepower. The headers and exhaust are standard nickel-chrome plated. Ceramic coating is optional in silver polish or titanium finish for added thermal protection. The high-flow JBA exhaust system is available in 304 stainless steel or high-quality aluminized steel and delivers even more performance and great sound. Every JBA header and exhaust kit is backed with a limited lifetime warranty.

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POWERPIPES



1. The '04 Hummer H2, with its 6.0L Vortec V-8, will be receiving JBA's 1-5/8-inch 409 stainless steel, ceramic-coated headers, featuring JBA's patented Firecone merge collector.

2. The JBA stainless steel, ceramic-coated headers will flow into the polished 304 stainless-steel, 3-inch exhaust and performance muffler.

3. JBA's "Evol" exhaust system gives you both the sight and sound you are looking for in a performance exhaust system. The 3-inch polished 304 stainless-steel system produces maximum flow and scavenging with precise backpressure to create the maximum torque and horsepower numbers. The kit includes new JBA exhaust hangers and U-bolt clamps.

4. JBA Powercables (ignition wires) feature unique boot ends designed for maximum clearance with JBA headers and long life for severe-duty applications. Each set is custom tailored for the correct application. JBA uses wire-wound mag contacts and 100% silicone jackets for the best ignition performance and lowest resistance.

5. Before anything was touched, Wes disconnected the battery cable so we wouldn't have any surprises during the install.

6. The factory ignition wires were disconnected to gain easier access to the factory exhaust manifold bolts. The factory ignition wires will be replaced later with JBA Powercables.

7. Before the factory exhaust manifolds can be disconnected, the exhaust system must be disconnected from the manifold using an air impact with extension and socket.

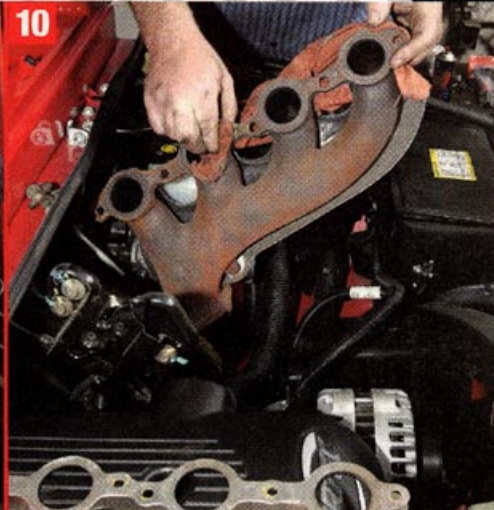
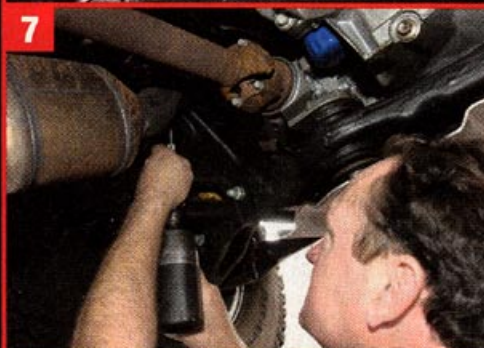
8, 9. The lower exhaust system was disconnected from both factory exhaust manifolds and then removed. Notice the factory hot water heater-size muffler being removed.

10. After the factory exhaust manifold bolts were removed, the factory exhaust manifold was extracted.

11. Prior to installing the JBA stainless-steel header bolts into the 6.0L Vortec aluminum heads, they were coated with antiseize so the threads don't get galled and fused together due to the hot/cold cycling.

12, 13. With the cylinder-head exhaust port surface scraped and cleaned, Wes began to drop in the JBA with 1-5/8-inch primary tubes and 3/8-inch-thick header flange. The C.A.R.B. (California Air Resources Board) 50-state smog tag of approval guarantees all government regulations have been met.

14. To eliminate any exhaust leaks, JBA's precise aluminized header gasket was sandwiched between the exhaust port surface of the 6.0L Vortec cylinder head and the 409 3/8-inch-thick header flange.



SOURCE BOX:

JBA PERFORMANCE EXHAUST CO.
7149 MISSION GORGE ROAD
SAN DIEGO, CA 92120
(800) 830-3377
WWW.JBAHEADERS.COM

POWERPIPES

JBA Powercables (ignition wires) feature unique boot ends for maximum header clearance. The cables are available in 8–9mm thickness with low-ohm-resistance design. The JBA cables have 100% silicone jackets for optimum insulation, and are wire-wound with magnesium connectors. *Trucking*

JBA HEADERS:

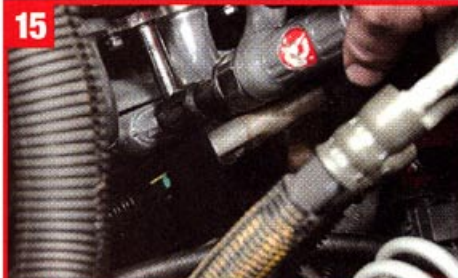
- 1-5/8 inch primaries
- 409 stainless-steel tube or 14-gauge mild steel tube
- 3/8-inch-thick flanges
- Patented JBA Firecone merge collector
- Optional ceramic coating
- Complete hardware

JBA EXHAUST SYSTEM:

- 304 stainless or aluminized mandrel-bent tubing
- 3-inch JBA performance muffler

JBA POWERCABLES:

- Extra thick 8–9mm cables
- Ultra low resistance design
- Wire-wound mag connectors
- 100% silicone cable jackets
- Custom-tailored lengths
- Cylinder identification labels



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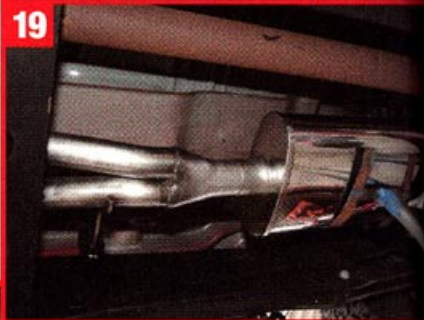
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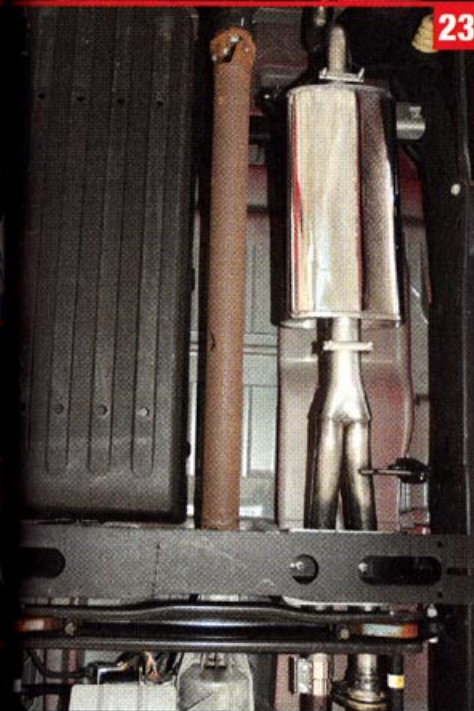
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15. A pneumatic wrench was used to snug up the JBA header bolts and flange.

16. JBA 9mm Powercables feature unique boot ends that are designed for maximum clearance with the JBA headers. These custom tailored lengths come with cylinder ID labels and wire-wound mag conductors. 100% silicone jackets produce the best ignition performance and lowest resistance.

17. The front portion of the dual cat-back system was carefully installed between the frame crossmember.

18. JBA's Hi-Flow oval, polished 304 stainless-steel muffer was connected to the two-into-one tube.

19., 20. A muffer support jack was used to hold the JBA Hi-Flow muffer and two-into-one exhaust section in place while the hanger was put in place.

21. After the U-bolt clamp was in place, Wes used a pneumatic gun to snug it up.

22. To guarantee no exhaust leaks, Wes MIG-welded a bead around the muffer sleeve.

23. A worm's-eye view allows us to see the JBA system from front to rear end.