

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-369-12

Relating to Exemptions under
Section 27156 of the Vehicle Code

Trick Flow Specialties
Ford Twisted Wedge Street Cylinder Heads

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That installation of the Ford Twisted Wedge Street Cylinder Heads, manufactured by Trick Flow Specialties of 285 West Ave., Tallmadge, OH 44278, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems, and therefore, the Twisted Wedge Street Cylinder Heads are exempt from the prohibitions in Section 27156 of the Vehicle Code for installation on the vehicles listed in Attachment A.

This Executive Order is based on previously submitted emissions test data conducted by Trick Flow Specialties on a 1996 Ford Bronco with a 5.8L engine. Test results showed that exhaust emissions with Twisted Wedge cylinder heads installed on the vehicle met the vehicle's applicable emission standard during a Cold-Start CVS-75 Federal Test Procedure and On-Board Diagnostic II System tests.

If evidence provides the Air Resources Board with reasons to suspect that the Twisted Wedge Street Cylinder Heads will affect the durability of the emission control system, Trick Flow Specialties shall be required to submit durability data to show that the durability of the vehicle emission control system is not, in fact, affected and/or that the add-on or modified parts demonstrate adequate durability.

This Executive Order is valid provided that installation instructions for the Twisted Wedge Street Cylinder Heads do not recommend tuning the vehicles to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Twisted Wedge Street Cylinder Heads, as exempt by the Air Resources Board, which adversely affect the performance of the vehicles' emission control system, shall invalidate this Executive Order.

Marketing of the Twisted Wedge Street Cylinder Heads using identification other than that shown in this Executive Order or for an application other than that listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the Twisted Wedge Street Cylinder Heads shall not be construed as exemption to sell, offer for sale, or advertise any component of the system as an individual device.

This Executive Order shall not apply to any Twisted Wedge Street Cylinder Heads advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order does not constitute any opinion as to the effect the use of the Twisted Wedge Street Cylinder Heads may have on any warranty either expressed or implied by the vehicle manufacturer.

No claim of any kind, such as "Approved by the Air Resources Board," may be made with respect to the action taken herein in any advertising or other oral or written communication.

In addition to the foregoing, the Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of California Code of Regulations, Title 13, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF TRICK FLOW SPECIALTIES' CYLINDER HEADS.

Violation of any of the above conditions shall be grounds for revocation of this Executive Order. The Executive Order may be revoked only after a ten day written notice of intention to revoke the Executive Order, in which period the holder of the Executive Order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request, and the Executive Order may not be revoked until a determination is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 24 day of August 2009.



Annette Hebert, Chief
Mobile Source Operations Division

Attachment A

Trick Flow Specialties		
Ford Twisted Wedge Street Cylinder Heads		
Part Number	Model Year	Model Specification
TFS-51400002	1996 and Older	Ford vehicles with 289, 302, or 351 CID V8 engine
TFS-51400003	1996 and Older	Ford vehicles with 289, 302, or 351 CID V8 engine
TFS-51400004	1996 and Older	Ford vehicles with 289, 302, or 351 CID V8 engine, with valve spring option
TFS-51400005	1996 and Older	Ford vehicles with 289, 302, or 351 CID V8 engine, with valve spring option
TFS-51400004-C01	1996 and Older	Ford vehicles with 289, 302, or 351 CID V8 engine, with valve spring option and larger intake ports
TFS-51400004-C02	1996 and Older	Ford vehicles with 289, 302, or 351 CID V8 engine, with valve spring option and larger intake ports

AFTERMARKET PARTS SECTION
VC Sections 27156 and 38391 Exemption Update Check-Out List

For each exemption update request, the project engineer is to complete this "check-out" list to make sure that there are no changes in the applicable vehicles and device design.

GENERAL INFORMATION:

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| 1. Date application received: | 3-17-2009 |
| 2. Name of Applicant: | Trick Flow Specialties |
| 3. Address of Applicant: | 285 West Ave., Tallmadge, OH 44278 |
| 4. Applicant Phone: | 330-630-5076 |
| 5. Name of Manufacturer: | Same |
| 6. Manufacturer's Phone: | Same |
| 7. Address of Manufacturer: | Same |
| 8. Name of Device: | Ford Twisted Wedge Street Cylinder Heads |
| 9. Latest EO and Date: | D-369-8, dated December 12, 2008 |
| 10. Device Testing: | Manufacturer |
| 11. Vehicle application covered by existing EO's: | 1996 and older Ford vehicles with 289, 302, or 351 CID V8 engine. |
| 12. Vehicle application now requested: | Same |
| 13. Pollution Control systems on previous vehicle(s): | Various |
| 14. Pollution control systems on present vehicle(s): | Various |
| 15. Is present vehicle/engine a carryover from previous vehicle/engine? | N/A. Same vehicle application, only need to correct part numbers. |
| 16. List design changes in device: | None |
| 17. Will changes affect emissions? | No |
| 18. Special reason to update besides inclusion of newer part numbers: | None |
| 19. Are legal issues involved? If so, has ARB legal been consulted? | No |
| 20. EO number issued: | D-369-12 |
| 21. Bases for issuance of an EO: | |

Trick Flow Specialties is requesting to correct two part numbers from EO D-369-8, issued December 12, 2008. The two cylinder heads with the corrected part numbers does not have any design modifications from the previous cylinder head part numbers. Based on engineering evaluation these changes should not have an impact on vehicle emissions.