



Edelbrock Race Header
For 1993-1997 F-Body, 5.7L, LT1
Catalog #65903
INSTALLATION INSTRUCTIONS

Please study these instructions carefully before installing your new Race Header. They provide general guidelines to be studied and understood before you remove your stock system. Failure to follow these instructions may void your warranty. If you have any questions, please contact our **Technical Hotline at : 1-800-416-8628** from 7 am – 5 pm, Monday through Friday, Pacific Standard Time or e-mail us at Edelbrock@Edelbrock.com.

DESCRIPTION: Edelbrock race header components are designed to improve the exhaust efficiency of the F-body, 5.7L LT1 engines. A performance gain can be expected with the installation of the system. These headers are intended for racing applications and are not legal for use on pollution-controlled vehicles.

Suggested tools needed for installation: This vehicle has some metric fasteners.

- 3/8" ratchet socket set with extensions and a good assortment of metric & SAE sockets
- Combination wrenches (metric & SAE)
- Universal 12mm and 14mm swivel sockets
- Floorjack, jackstands, screwdrivers, pliers, crescent wrench, etc.
- Liquid penetrant (GM #1052627 or equivalent); anti-seize compound (GM #5613695 or equivalent)

WARNING: The use of "Thermal Wrap" or any aftermarket coating process **will void the warranty** on your Edelbrock Headers. Those products will cause excessive heat and moisture buildup resulting in corrosion and failure of the header.

NOTE: High Flow Race Y-Pipe #6571 or #65711 can be used with these headers.

IMPORTANT NOTE:

Proper installation is the responsibility of the installer. Improper installation will void warranty and may result in poor performance and engine or vehicle damage.

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NOTE: These race headers come with weld in A.I.R. and EGR provisions. These can be installed if desired or as needed to be legal for certain race classes.

DISASSEMBLY

1. Disconnect battery negative cable from battery.
2. Jack and support vehicle with proper load-rated jackstands on proper surface.
3. Remove alternator and alternator to exhaust support bracket.
4. Remove starter motor. Remove spark plugs and oil filter.
5. Remove exhaust crossover and O2 sensors.
6. Remove exhaust manifolds.

7. Remove oil pressure sensor.
8. Loosen bolts retaining steering rack and pull slightly forward. Mark steering shaft for reference and remove steering coupler shaft.

Left Side

1. Remove left engine mount bolt, support and lift engine approximately 1-1/2". Unbolt and remove engine support bracket and engine mount.
2. **NOTE:** This is a good time to check the condition of your engine mounts. Replace worn or broken mounts. (Polyurethane mounts are available from Energy Suspension Products). Place one header bolt, lock washer, and hardened washer with port gasket in the front bolt hole.

3. From under vehicle, work header up on to bolt. Install remaining header bolts and washers.
4. Re-install engine support bracket and engine mount.
5. Lower engine and install engine mount bolt.
6. Install oil pressure sensor.
7. Re-install steering coupler shaft.
8. Slide steering rack back into location and re-install and torque steering rack bolts to factory specifications.

KIT CONTENTS		
Qty.	Part #	Description
☐ 1	25-9808	Header, Left Side
☐ 1	25-9809	Header, Right Side
☐ 2	25-9222	Merge Collector
☐ 1	25-9814	Collector Extension (Left)
☐ 1	25-9815	Collector Extension (Right)
☐ 1	22-6590	Installation Kit

Right Side

1. Install one header bolt, lock washer, and hardened washer with port gasket into front bolt hole on right side of engine.
2. Working header up from under vehicle slip on to bolt installed in Step 1. Install remaining bolts, and washers.
3. Tighten header bolts from the center out.
4. Install spark plugs and wires.
5. Install starter.
6. Install alternator and support bracket.

#22-6590 - Installation Kit

Qty.	Part #	Description
☐ 2	24-9716	A.I.R. Adapters
☐ 11	36-0710	Header Bolts
☐ 1	36-2860	C/B Bolt 3/8 - 16 x 2-1/4" (for port flange)
☐ 2	52-9710	O2 Sensor Bungs
☐ 2	54-6590	Port Flange Gaskets
☐ 3	56-6569	Heat Sleeves
☐ 4	60-8541	Hex Nut; 5/16"
☐ 4	68-6550	Hex Cap Screw; 5/16"
☐ 2	78-2004	Tie Wraps

Qty.	Part #	Description
☐ 1	79-9534	Spacer Tube
☐ 2	79-9749	Evac. Tubes
☐ 8	79-9750	Collector Tabs
☐ 1	79-9841	A.I.R. Sub-Assembly
☐ 2	79-9842	A.I.R. Sub-Assembly
☐ 1	79-9888	EGR Sub-Assembly
☐ 8	82-3600	Washer (AN); 5/16"
☐ 12	82-5590	Lock Washers; 3/8"
☐ 12	82-7231	Hardened Washers; 3/8"



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