TUBULAR EXHAUST SYSTEM
Vehicle Applications: See Below
Catalog #68882, #68883, #68892, #68893
INSTALLATION INSTRUCTIONS

Please study these instructions carefully before installing your new *Tubular Exhaust System* (TES). If you have any questions, please contact our **Technical Hotline at : 1-800-416-8628** from 7 am - 5pm, Monday-Friday, Pacific Standard Time or e-mail us at **Edelbrock@Edelbrock.com**.

TUBULAR EXHAUST SYSTEM: These components are designed as a system to improve the exhaust efficiency of the GM T.B.I. (Throttle Body Injection) V6 engine. A performance gain can be expected by the installation of the system. This system requires no welding for installation and retains all O.E.M. emissions equipment.

Vehicle Applications:

Catalog #68882, #68883 - 1988-1993 Chev/GMC Pick-Up Trucks 1500/2500 Series, 4.3L V6 T.B.I., 2 WD, Auto & Standard Transmission, Without A.I.R.

Catalog #68892, #68893 - 1988-1993 Chev/GMC Pick-Up Trucks 1500/2500 Series, 4.3L V6 T.B.I., 2 WD, Auto & Standard Transmission, With A.I.R.

Suggested Tools Needed for Installation: This vehicle has metric fasteners.

- ❑ 3/8" ratchet socket set with extensions and universal 13mm and 15mm swivel sockets
- ❑ Combination set of open-end wrenches
- ❑ Jackstands, screwdrivers, pliers, crescent wrench, etc.
- ❑ Liquid penetrant, (GM #1052627) anti-seize compound (GM #5613695)

SPECIAL NOTICE: This Edelbrock Tubular Exhaust System has received an Executive Order number (E.O.#) from the California Air Resources Board (C.A.R.B.) making it legal for street use in all 50 states. To assist you with emission equipment certification, we have included a silver fan shroud decal to help testing personnel verify the this part is a legal replacement on the vehicle for which it is cataloged. The adhesive-backed decal should be affixed next to the existing emission and engine specifications decal. Do not cover any part of your original emission decal.

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

NOTE: High temperature spark plug wires and boots are recommended to withstand heat from T.E.S.

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.

INSTALLATION INSTRUCTIONS

- **DISASSEMBLY**

1. Disconnect battery negative cable from battery.
2. Raise vehicle and support with jackstands.
3. Use penetrating oil on all nuts and bolts to be removed. This will prevent the possibility of broken or stripped nuts and bolts.
4. Making sure the converter is cool, remove the exhaust crossover pipe.
5. Lower vehicle to the ground.

- **DISASSEMBLY - LEFT SIDE**

1. Remove air cleaner system (note position of line and hose connections).
2. Disconnect A.I.R. (air injection reactor) tube from exhaust manifold (#68892 / #68893 only).
3. Remove air conditioner compressor rear support bracket (if air conditioning equipped).
4. Remove power steering pump support bracket (if power steering is applicable). In order to remove the OEM bracket attached with the two front exhaust manifold bolts on some models, it may be necessary to remove the power steering pump pulley. This requires the use of a special power steering pulley puller, such as K-D 2897 or equivalent.
5. Disconnect spark plug wires and remove spark plugs.
6. Remove 02 sensor, being careful not to rupture or destroy the unit.

   WARNING: Do not clean this unit in any cleaning solvent and do not rupture wire.

DISASSEMBLY - RIGHT SIDE

1. Disconnect A.I.R. injection tube from exhaust manifold (#68892 / #68893 only).
2. Disconnect spark plug wires and remove spark plugs.

3. Remove bolts and exhaust manifold from top side.
4. Clean exhaust flange surfaces on cylinder heads at this time.

- **ASSEMBLY - LEFT SIDE**

1. Install T.E.S. flange gasket and one 3/8"-16 x 1" bolt, lock washer, and flat washer at rearmost bolt hole (leave bolt loose enough to accept T.E.S.).
2. Install left side T.E.S. manifold from top side.
3. Install all but the front two bolts and washers on left side (do not tighten at this time).
4. Re-install rear power steering support bracket. Do not tighten at this time.
5. Install rear A/C support bracket with bolts, lock washers, and spacers supplied.
6. Align all parts and tighten left side bolts and nuts at this time.
7. Re-install spark plugs and re-connect wires on left side. Install new 90° spark plug terminal on wire #1.
8. Re-install temperature sensor wire to temperature sensor.
9. Re-install 02 sensor. Use anti-seize on threads of sensor and torque to 30 ft/lbs. Re-route 02 sensor wire from wire loom to 02 sensor making sure all wires are clear of exhaust system (02 sensor extension wire is included in kit).

- **ASSEMBLY - RIGHT SIDE**

1. Install T.E.S. flange gasket and one 3/8"-16 x 1" bolt, lock washer and flat washer at rearmost bolt hole (leave bolt loose enough to accept T.E.S.).
2. Install right side T.E.S. manifold from top side.
3. Install remaining bolts, lock washers and spacer tube for dipstick to clear exhaust flange.
4. Align all parts and tighten all right side bolts at this time.
5. Re-install spark plugs and re-connect wires. Install new 90° spark plug terminal on wire #6.
6. Remove A.I.R. check valves from original manifolds and re-install them on T.E.S. Re-connect all A.I.R. injection hoses at this time (#68892 / #68893 only).
7. Raise vehicle and support with jackstands.

- **CROSSOVER PIPE ASSEMBLY**

1. Carefully align and tap adapter tube into converter using a piece of wood or a mallet to protect the end of the adapter. **NOTE:** Be sure adapter goes all the way in, approximately 2-1/2".
2. Install crossover pipe assembly on vehicle using four 3/8" x 2" bolts with lock washers and donut gaskets supplied.
3. Install U-clamps and tighten all nuts and bolts.
4. Re-connect battery.
   CAUTION: Before operating your vehicle, check to ensure that there is adequate clearance between all parts of your TES (including A.I.R.tubes) and all brake lines, fuel lines, spark plug wires, etc.

- **START ENGINE**

1. Start engine and bring to normal operating temperature while checking for any leads. Let engine cool and re-tighten all connections.

KIT CONTENTS

Catalog #68882 (Ceramic-Coated), #68883 (Ti-Tech Coated)

Qty.	Description
❑ 1	Header left side #25-9439 (#68882)
❑ 1	Header right side #25-9438 (#68882)
❑ 1	*Header left side #25-9051 (#68883)*
❑ 1	*Header right side #25-9052 (#68883)*

Catalog #68892 (Ceramic-Coated), #68893 (Ti-Tech Coated)

Qty.	Description
❑ 1	Header left side #25-9437 (#68892)
❑ 1	Header right side #25-9436 (#68892)
❑ 1	*Header left side #25-9049 (#68893)*
❑ 1	*Header right side #25-9050 (#68893)*

Common to All Part Numbers

Qty.	Description
❑ 1	Extension pipe left side #25-9528
❑ 1	Extension pipe right side #25-9519
❑ 1	Pigtail sensor; 12"
❑ 1	Adapter; catalytic converter
❑ 1	Flange connector
❑ 1	U-clamp; 2-1/4"
❑ 1	U-clamp; 3"
❑ 2	Chevy V6 port gaskets
❑ 2	Donut gaskets
❑ 10	Hex header bolt; 3/8" x 1"
❑ 2	Ferry bolts; 3/8" x 2-3/4"
❑ 4	Hex bolts; 3/8" x 2"
❑ 14	Lock washers; 3/8"
❑ 3	Flat washers; 3/8"
❑ 2	Spacer tubes; 5/8" O.D. x 1.53" long
❑ 1	Spacer tube; 3/8" O.D. x 1/2" long
❑ 2	Spark plug terminals; 90°
❑ 2	Spark plug connector boots; 90°
❑ 1	Hex bolt; 1/4" x 1"