



TUBULAR EXHAUST SYSTEM
Vehicle Applications: See Below
Catalog #66592, #66593
#66602, #66603

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. Please fill out and mail your warranty card.

TUBULAR EXHAUST SYSTEM: These components are designed as a system to improve the exhaust efficiency of the GM T.B.I. (Throttle Body Injection) V8 engine. A performance gain can be expected by the installation of the system. This system does not require welding for installation and retains all O.E.M. emissions equipment.

APPLICATIONS:

Catalog #s 66592 / 66593 - 1988-1995 Chevrolet & GMC Pick-Up; 2500 & 3500 Series, 2WD & 4WD, 454 C.I.D., Automatic & Standard Transmission, without A.I.R.

Catalog #s 66602 / 66603 - 1988-1995 Chevrolet & GMC Pick-Up; 2500 & 3500 Series, 2WD & 4WD, 454 C.I.D., Automatic & Standard Transmission, with A.I.R.

Suggested Tools Needed for Installation: This vehicle has some 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)

NOTE: Some models will require a special power steering pulley puller; K-D 2897 or equivalent.

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 - LEFT SIDE

1. Disconnect negative cable from battery.
2. Use penetrating oil on all nuts and bolts to be removed. This will prevent the possibility of broken or stripped nuts and bolts.
3. Remove air cleaner system (note position of line and hose connections).
4. Disconnect A.I.R. (air injection reactor) tube from exhaust manifold (if applicable).
5. Disconnect spark plug wires.
6. Disconnect temperature sensor wire.
7. Remove bolts and exhaust manifold.

• DISASSEMBLY - RIGHT SIDE

1. Disconnect A.I.R. injection tube from exhaust manifold (if applicable).
2. Disconnect spark plug wires.
3. Remove dipstick and both sections of dipstick tube.
4. Remove bolts and exhaust manifold.
5. Clean exhaust flange surfaces on cylinder heads at this time.

• DISASSEMBLY - CROSSOVER PIPE

1. Raise vehicle and support with jackstands.
2. Remove O2 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.

3. Making sure the converter is cool, remove the exhaust crossover pipe. You may find it helpful to clamp the converter to the crossmember using pieces of wood and C-clamps. This will allow you to "work" the crossover pipe loose from the converter more easily. If the pipe is frozen to the converter, it can be heated with a Propane torch (or equivalent) to help loosen the joint.

• 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 bottom side. If desired, it can be installed from top side by removing steering column through-bolt and moving steering column aside.
3. Install all bolts and washers on left side and tighten.
4. Replace original equipment spark plug ends on cylinders #3 and #5 with 60° connectors and boots provided in kit.

5. Re-connect spark plug wires on left side.
6. Re-install temperature sensor wire to temperature sensor.

• 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 dipstick tube and right side T.E.S. manifold from top side with dipstick protruding between A.I.R. log (if applicable) and flange (original location).
3. Install remaining bolts and lock washers. Use original equipment stud-bolt to re-attach dip stick bracket.
4. Align all parts and tighten all right side bolts at this time.
5. Replace original equipment spark plug ends on cylinders #4, #6 and #8 with 60° connectors and boots provided in kit.
6. Re-connect right side spark plug wires.
7. Discard O.E.M. heat stove pipe and replace with flexible tubing supplied (if applicable).
8. To prevent contact with the hot T.E.S. tubing, use nylon tie wrap (supplied) to secure the heater hose to the a.c. dryer.
9. 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 (if applicable).

• CROSSOVER PIPE ASSEMBLY

1. Slip crossover pipe into Y-pipe assembly and extension tube onto Y-pipe assembly outlet (do not clamp).
 2. Place donut gaskets on extensions and slip tube into muffler inlet. Align parts and start flange bolts.
 3. Check alignment of all parts, then secure bolts.
 4. Install U-clamps and tighten all nuts and bolts.
 5. Re-install O2 sensor. Use anti-seize on threads of sensor and torque to 30 ft/lbs. Re-route O2 sensor wire from wire loom to O2 sensor making sure all wires are clear of exhaust system (O2 sensor extension wire is included in kit).
 6. Lower vehicle to the ground.
- **CAUTION:** Before operating your vehicle, check to ensure that there is adequate clearance between all parts of your T.E.S. (including A.I.R. tubes) and all brake lines, fuel lines, spark plug wires, etc.

KIT CONTENTS**Catalog #66592, Catalog #66593 (Ti-Tech Coated)**

Qty.	PN	Description
<input type="checkbox"/> 1	25-9441	Header left side (#66592)
<input type="checkbox"/> 1	25-9440	Header right side (#66592)
<input type="checkbox"/> 1	25-9057	Header left side (#66593)
<input type="checkbox"/> 1	25-9058	Header right side (#66593)

KIT CONTENTS**Catalog #66602, Catalog #66603 (Ti-Tech Coated)**

Qty.	PN	Description
<input type="checkbox"/> 1	25-9319	Header left side (#66602)
<input type="checkbox"/> 1	25-9320	Header right side (#66602)
<input type="checkbox"/> 1	25-9059	Header left side (#66603)
<input type="checkbox"/> 1	25-9060	Header right side (#66603)

KIT CONTENTS**Common to All Part Numbers**

Qty.	PN	Description
<input type="checkbox"/> 1	25-9562	Extension pipe right side
<input type="checkbox"/> 1	25-9563	Extension pipe left side
<input type="checkbox"/> 4	-	Flat washers; 3/8"
<input type="checkbox"/> 16	-	Hex header bolts; 3/8" - 16 x 1"
<input type="checkbox"/> 1	-	Flange connector
<input type="checkbox"/> 1	-	U-clamp; 2-1/2"
<input type="checkbox"/> 2	-	Chevy V8 port gaskets
<input type="checkbox"/> 2	-	Donut gaskets; 2-1/2"
<input type="checkbox"/> 1	-	Flex tubing, heat stove to air cleaner
<input type="checkbox"/> 4	-	Hex bolts; 3/8" - 16 x 2"
<input type="checkbox"/> 20	-	Lock washers; 3/8"
<input type="checkbox"/> 1	-	Tie wrap; 10"
<input type="checkbox"/> 1	-	O2 Sensor extension wire
<input type="checkbox"/> 5	-	Spark plug boots
<input type="checkbox"/> 5	-	Spark plug wire ends

Edelbrock Corporation, 2700 California St., Torrance, CA 90503**Tech Line: 1-800-416-8628****E-Mail: Edelbrock@Edelbrock.com**