



4th GEN GM F-BODY LS ENGINE MID-LENGTH HEADERS 70201301-RHKR (1-3/4") & 70201302-RHKR (1-7/8") Installation Instructions



Thank you for purchasing/using a Hooker brand product. These headers are part of a complete performance exhaust system solution for LS powered GM 4th-Gen F-body vehicles.

Automotive work can be dangerous; work only on a clean, dry and level surface and use lifting/supporting equipment specifically designed for automotive work. If you are unsure of your capability, or that of your equipment, seek professional assistance to install these components.

These headers are designed for off-road/competition use only and carry no CARB E.O. exemption to permit legal installation/use on pollution controlled motor vehicles.

NOTE: There are no oxygen sensor bungs provided with these headers. O2 bungs are instead located on the inlet tubes of the Hooker Blackheart 4th-gen F-body dual exhaust system to provide proper fuel injection operation and the use of wide-band O2 sensors, if desired. If you are installing these headers with another brand/type of exhaust system, you will need to provide O2 bungs in your system tubing.

BEFORE BEGINNING...

Check that the hardware package includes the following:

| Qty. | Description |
|------|------------------------|
| 12 | M8 x 1.25 header bolts |

INSTALLATION:

1. Disconnect the negative terminal on the battery.
2. Liberally apply penetrating oil to all existing exhaust manifold/header fasteners and let stand for 15 minutes.
3. Disconnect and remove the oxygen sensors from exhaust manifolds/headers.
4. Remove the spark plug wires and engine oil dipstick/tube. Although not necessary, removal of the spark plugs is recommended to eliminate the possibility of breakage during header installation.
5. Remove the existing exhaust manifolds or headers from the engine. This step will require disconnection of the air injection and EGR tubes, if present.

6. Remove all the fasteners attaching the exhaust manifolds, catalytic converters, or headers to the engine. Remove the unattached components from the vehicle.
7. Remove the manifold/header gaskets from the cylinder heads. Inspect the mating surfaces of the cylinder heads for any remaining gasket material. Clean, as needed.
8. Feed the left and right side header assemblies into their respective positions from the underneath the car.
9. Still working from underneath the car, place a stock (new or used) GM multi-layer steel manifold gasket between each header and the cylinder heads. Loosely attach both headers to the engine with a single supplied flange bolt for each. Install each bolt into the rear most position on each header flange.
10. Move to the top side of the car and install the remaining supplied flange bolts into the flange/cylinder heads. Tighten them to approximately 15 lb. ft. of torque.
11. Reinstall the spark plugs, plug wires, and engine oil dipstick/tube.
12. Reconnect the negative battery cable.
13. Install the companion Hooker dual exhaust system per the instructions included with that product, or install/fabricate another exhaust system of your choice.

COMPATIBILITY INFORMATION:

These headers are geometrically/functionally compatible with all GM TH350, TH400, 700R4, 2004R, 4L60-4L75 and 4L80E/4L85E automatic or Tremec OE LS 4th-gen F-body T56 and aftermarket T56 Magnum manual transmissions..

NOTE: Installation with a 4L80E/4L85E transmission will require minor trimming to the right side of the bellhousing to provide installation clearance.

These headers are designed to connect directly to the Hooker Blackheart 2.5" dual exhaust system co-developed for this vehicle application (part number 70501413-RHKR) and are compatible with all original factory installed vehicle components. Compatibility with other aftermarket components is not guaranteed.