1970-81 2nd Gen F- Body
DSE Front Sub Frame & Rack and Pinion Steering

P/N 70101320-RHKR – 304SS, 1 7/8” Long Tube Headers
P/N 70101321-RHKR – 304SS, 2” Long Tube Headers
6.0, 6.2, & 7.0L

Installation Instructions

These headers are designed for vehicles using D.S.E. (Detroit Speed & Engineering) front subframe, steering, and suspension components. For vehicles with stock front subframe, steering, and suspension, use the following Hooker LS Swap Headers:

1970-1974 – 2297HKR (1-3/4 Primary Tubes) or 2298HKR (1-7/8 Primary Tubes)
1975-1981 – 2295HKR (1-3/4 Primary Tubes) or 2296HKR (1-7/8 Primary Tubes)

Thank you for making HOOKER HEADERS your choice in a high-performance exhaust system. Extensive dyno/track testing has enabled HOOKER to offer the most advanced design in exhaust systems. The installation, while not complex, will take a certain amount of time. However, the additional horsepower and improved performance will more than justify your efforts. Proper installation and maintenance will ensure long life and maximum performance from your HOOKER HEADER exhaust system.

BEFORE STARTING:

Your vehicle must be raised a minimum of 10 inches. A floor hoist is ideal. If no hoist is available, we strongly urge the use of axle stands as a safety measure. **Please read and understand these instructions and disclaimer in their entirety before attempting installation.**

CAUTION! WORK ONLY ON A LEVEL SURFACE. USE JACKS /JACKSTANDS OF SUFFICIENT CAPACITY TO LIFT AND SUPPORT YOUR VEHICLE. NEVER WORK UNDER A VEHICLE SUPPORTED BY A FLOOR OR BUMPER JACK.

INCLUDED HARDWARE:

Accessory Pack Contents:		
P/N	**Qty.**	**Description**
505R21	12	8mm x 1.25 x 25mm Header Bolts
80233HKR	2	18mm O2 Sensor Plugs
599R94	2	Blackheart Decals
199R10913	1	Instruction Sheet

Check the hardware package. If anything is missing, please contact Technical Service at 1-866-464-6553 or 270-781-9741.

Parts List:		Tools Needed:
Qty.	Description	3/8” Socket Wrench
1	Left Header Assembly	3” Extension or equivalent
1	Right Header Assembly	3/8 Drive Universal
1	Accessory Pack	13mm Socket
Parts Required:		15mm Socket
Factory GM Exhaust Manifold Gaskets		5/8” Spark Plug Socket

IMPORTANT! Please read and understand instructions before attempting installation.

PRE-INSTALLATION:

1. Place vehicle on flat solid surface set parking brake and block front wheels.
2. **Disconnect the negative terminal of the battery.**
3. Lift the vehicle and support with jack stands.

NOTE: **P/N 70101320-RHKR/70101321-RHKR** Hooker Blackheart Long Tube headers are designed for use with P/N 70501340-RHKR Hooker Blackheart Exhaust.

REMOVAL OF EXISTING EXHAUST MANIFOLDS OR HEADERS

1. Remove (x8) spark plug wires and (x8) spark plugs.
2. Remove the 15mm bolt from the dipstick mounting bracket and remove the dipstick.
3. Remove the existing exhaust system from the headers or exhaust manifolds.
4. Unplug the O2 sensor(s), if equipped.
5. Remove the steering shaft (index the shaft to the coupler to assure proper re-installation).
6. Remove the 6 bolts from the left and right side header or exhaust manifold and remove from the car.

NOTE: Some headers will require removal from the bottom and or removal of the starter.

INSTALLATION OF P/N 70101320-RHKR/70101321-RHKR LONG TUBE HEADERS:

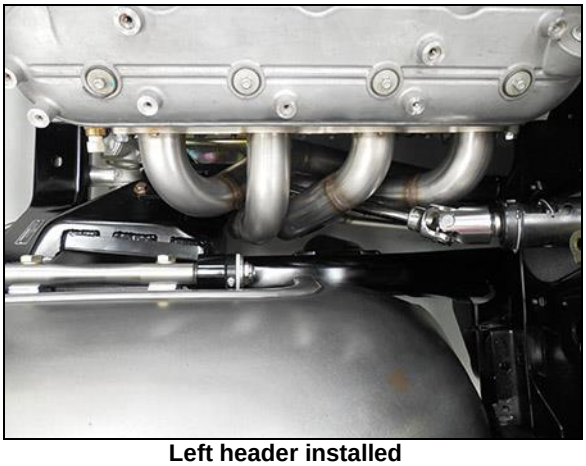
1. Clean the exhaust port sealing surface to remove any dirt or gasket material that may affect the sealing performance of the gasket and cause leaks. Repair any damaged threads or broken bolts.

NOTE: **The factory exhaust manifold gasket will be reused. Inspect the gasket for damage and replace if necessary. If no gasket is being reused, the factory GM exhaust manifold gasket is recommended for best performance.**

2. Install the right side header from the top. Position the gasket with the correct orientation between the header and the cylinder head. Install the (x6) supplied header bolts and torque to 25-30 ft./lbs.

NOTE: It may be necessary to install the steering shaft before the header bolts are tightened depending on the shaft and steering box design.

3. Install the left side header from the bottom. Position the gasket with the correct orientation between the headers and the cylinder head. Install the (x6) supplied header bolts and torque to 25-30 ft./lbs. Re-install the steering shaft and tighten all the locking bolts.



Left header installed

Right header installed

4. Install the O2 sensor into the Left and Right header collector (if being used). Plug the O2 sensor bungs with the supplied plugs (if no O2 sensor is being used).

5. Install the dipstick tube after checking the condition of the O-ring (replace, if necessary).

6. Install the spark plugs and spark plug wires.

7. Follow instructions for installation of Hooker Blackheart exhaust P/N 70501340-RHKR.

NOTE: Some fabrication may be required to connect a Non-Blackheart exhaust to Blackheart P/N 70101320-RHKR/70101321-RHKR headers.

8. Recheck your work. Verify all connections and hardware are properly installed and tight.

9. Connect the battery, start the engine, and check for leaks. Re-check your work before lowering the car.

10. Install the decorative engine covers.

11. After 150 miles recheck all connections, clamps and hardware.

Hooker Blackheart Headers are intended for <u>Racing Use Only</u> and are not intended for use on pollution controlled vehicles.

NOTE: It is normal for your new Blackheart exhaust system to emit smoke for the first few minutes of operation.

LIMITATION OF LIABILITY – DISCLAIMER:

The regulation of emissions production, noise levels, and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns, and counties.

HOOKER™ makes no warranties of merchantability, of fitness for particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the state where they may be sold to the ultimate purchaser, the consumer.

Unless expressly stated to the contrary in the catalog, instruction sheet; or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, the retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, or repair.

THE FOREGOING STATEMENT LIMITS THE LIABILITY OF THE MANUFACTURER.

California vehicle code, sections 27156 and 38391, prohibits the advertising, offering for sale, or installation of any device, which modifies a vehicle's emission control system, unless exempted, unless otherwise noted. HOOKER™ Headers that have not received an Executive Order (E.O.) exemption from these code sections are not legal for sale or use in California on vehicles originally equipped with catalytic converters, except for racing vehicles, which may never be driven upon a highway. Check with your local authorities to determine if these headers are legal for use in your particular area.

Technical Support: 1-866-464-6553

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