



**1978-88 GM A/G-BODY ADAPTER KITS**  
 70701315-RHKR, 70701316-RHKR, 70701317-RHKR, & 70701318-RHKR  
 Installation Instructions



Thank you for choosing to use HOOKER™ exhaust components as part of your A/G-body LS swap project. These components are part of the most comprehensively engineered collection of LS swap mounting components, headers and exhaust systems available for this application. The entire Hooker™ swap system is designed to decrease your total swap installation effort and cost while increasing the engineered quality of your vehicle. These adapters were designed to connect Hooker swap headers to Hooker exhaust systems for the same application, but can also be used with these same headers as the basis from which to build a custom exhaust system built to your own specifications.

**PRE-INSTALLATION CONSIDERATIONS:**

Check that the hardware package includes the following:

70701315-RHKR		70701316-RHKR		70701317-RHKR		70701318-RHKR	
Qty	Description	Qty	Description	Qty	Description	Qty	Description
2	2.5" band clamps	2	3" band clamps	4	Flange bolts	N/A	N/A
				2	Flange gaskets		

If you are missing any hardware, please contact Technical Service at 1-866-464-6553 or 270-781-9741.

**NOTE:** The tube routing of these adapters were designed specifically for bolt-in compatibility with the Hooker 12644HKR A/G-body LS swap transmission crossmember; compatibility with any other type or brand of crossmember is not implied or guaranteed.

**NOTE:** These adapters are geometrically compatible for fitment with ANY GM automatic transmission or Tremec manual transmission.

The instructions contained in this document assume you have already installed related or Hooker cast iron LS manifolds on an LS engine/transmission assembly that has been mounted in your vehicle using the Hooker **12643HKR** engine bracket kit and **12644HKR** transmission crossmember.

An automotive lift or a jack and jack stands will be required to safely raise and support the vehicle. **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.**

**COMPATIBILITY INFORMATION:**

Hooker **70201504HKR** (1-7/8") mid-length headers for this LS swap application are bolt-in connectable to the Hooker 3" A/G-body dual exhaust system through the use of the Hooker **70701316-RHKR** adapter tube kit; connection of the Hooker **70201503HKR** (1-3/4") mid-length headers to the Hooker 2.5" A/G-body dual exhaust system requires the use of the Hooker **70701315-RHKR** adapter tube kit. Connection of the Hooker **8501HKR** cast iron LS exhaust manifolds to the Hooker 2.5" A/G-body dual exhaust system requires the use of the Hooker **70701317-RHKR** adapter tube kit. Hooker **70101505HKR** and **70101506HKR** long-tube headers are bolt-in connectable to the Hooker 2.5" A/G-body dual exhaust system through the use of the Hooker **70701318-RHKR** adapter tube kit.

## **INSTALLATION:**

### **70701315-RHKR & 70701316-RHKR-**

1. Position a supplied band clamp over the inlet of each adapter and install them onto the header collectors. The proper left/right orientation of the adapters is achieved by ensuring they are installed so that the O2 sensor bungs are pointing to the outside of the vehicle and not inward towards the transmission. Reverse their orientation, if needed.
2. Tighten the band clamps enough to hold the basic position of the adapters on the headers and install your O2 sensors, or plugs, in the bungs, as needed.
3. Continue with the installation of the Hooker exhaust system per the instructions included in its packaging. Fully tighten the band clamps on the header collector slip connectors once the exhaust system has been installed.

### **70701317-RHKR-**

1. Attach the adapter tubes to the installed left and right side Hooker LS cast iron manifolds using the included bolts and gaskets. The proper left/right orientation of the adapters is achieved by ensuring they are installed so that the O2 sensor bungs are pointing to the outside of the vehicle and not inward towards the transmission. Reverse their orientation, if needed.
2. Continue with the installation of the Hooker exhaust system per the instructions included in its packaging.

### **70701318-RHKR-**

1. While installing the Hooker 2.5" A/G-body exhaust system per the instructions contained in its packaging, substitute the left and right adapter tube assemblies for the X-pipe inlet legs included with the exhaust system. The single-bend tube is to be installed on the passenger's side of the vehicle.
2. Discard or store the un-used inlet tubes.

## **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 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 Service: 1-866-464-6553**

**Phone: 1-270-781-9741**

**For online help, please refer to the Tech Service section of our website: [www.holley.com](http://www.holley.com)**

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