



1997-2006 Jeep Wrangler Steering Shaft Relocation Bracket BHS520 Installation Instructions



Thank you for choosing to use Hooker Blackheart products on your 1997-2006 Jeep Wrangler Gen 3 Hemi engine swap project. This bracket is part of the most comprehensively designed engine swap system available for installing a Chrysler Gen 3 Hemi engine in to this vehicle application.

PRE-INSTALLATION CONSIDERATIONS:

This steering shaft relocation bracket has been designed to help facilitate the installation of Hooker Blackheart Gen 3 Hemi engine swap headers onto a Hemi engine that has been installed using Hooker Blackheart Hemi engine mounting brackets. It is intended for use on Jeep Wranglers, which do not have a body lift. Jeep Wranglers that have a body lift will need to have their steering shaft re-engineered by a qualified fabricator in order to be able to install the Hooker Blackheart Gen 3 Hemi engine swap headers.

COMPATIBILITY INFORMATION:

This bracket is installable on the stock 1997-2006 Jeep Wrangler 6-cylinder frame only.

BEFORE BEGINNING:

Check that the hardware package includes the following:

(x2) M10 Flat Washers, (x2) M6 Bolts, & (x2) M6 Lock Nuts

INSTALLATION:

These instructions have been written under the assumption that you have already installed a Gen 3 Hemi engine and 545RFE transmission into your vehicle, on the stock skid plate, using Hooker Blackheart engine and transmission mounting components, and have also installed Hooker Blackheart Jeep Wrangler Hemi engine swap headers onto the engine per their instructions.

1. Remove the two factory nuts securing the stock steering shaft support bushing assembly to the stock shaft support bracket.
2. Remove the stock shaft support bracket from the steering shaft and vehicle.
3. Remove the plastic locating rivet(s) from the metal flange of the steering shaft support bushing assembly, if present.
4. Install the supplied relocation bracket over the steering shaft and attach the steering shaft support bushing assembly to it using the supplied M6 bolts and nuts. Rotate the steering shaft bushing assembly from its stock rotational position on the shaft to allow the holes in its metal flange to line up with the two small attachment holes in the relocation bracket to accomplish this.
5. Attach the relocation bracket back onto the stock frame attachment bracket using the stock fasteners previously removed.

6. Adjust the steering bracket to provide adequate clearance between the steering shaft support bushing and the primary tube of the Hooker Blackheart Hemi swap header that is in close proximity to it. The two included M10 washers are provided for use as shims, if needed for adjustment, between the lower vertical flange of the relocation bracket and the frame attachment bracket. If you need to use them, you will need to remove the bolt that goes through the flange and reinstall it through the washers after they are positioned between the two brackets.
7. If increased heat protection is desired for the steering shaft support bushing, heat barrier material can be installed around it and be held in place with safety wire.

LIMITATION OF LIABILITY – DISCLAIMER:

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.

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Date: 1-22-20

Hooker BlackHeart Exhaust
Limited Lifetime Warranty
304 Stainless Steel Exhaust Products

Hooker BLACKHEART 304 stainless steel exhaust products are covered by a limited lifetime warranty that covers certain defects in workmanship and materials.

Who is covered?

This warranty covers the original purchaser of Hooker BLACKHEART 304 stainless steel exhaust products in the United States and Canada.

What is covered and for how long?

Holley Performance Products Inc. ("Holley") warrants that Hooker BLACKHEART 304 stainless steel exhaust products will be free from defects in material and workmanship for the life of the product on the original car on which it was installed. Blemishes, marring of appearance, discoloration, internal rust, or surface rust due to weather, road hazards, lack of maintenance, or extremes of heat or cold are not considered defects under this Limited Lifetime Warranty. Holley warrants moving parts such as valves and actuators for three years. All claimed warranty products must have a return goods authorization (RGA) number and shipped to Holley at the buyer's expense. The returned product must be accompanied with a copy of the original purchase receipt and the original purchaser's contact information.

What will Holley do?

If there is a defect in material or workmanship, Holley will choose either to repair the defective part or replace it with a comparable, new part, without charge for the repair or the replacement product.

Purchaser's remedies under this Limited Lifetime Warranty are strictly limited to the repair or replacement of the defective product. You must pay the cost of shipping the product back to Holley and for any labor or other costs, including any additional parts, associated with removing the allegedly defective part and with the installation of the repaired or replacement part.

What is NOT covered?

This warranty does not cover Hooker BLACKHEART stainless steel products that have been installed on any commercial or racing vehicle or that have been damaged due to misuse, abuse, neglect, or accident, such as having been modified or altered; improperly installed, adjusted or repaired; welded; exposed to corrosion, corrosive materials, other contaminants; or used in applications other than those recommended by Hooker on our website (www.holley.com).

How do I start the warranty claim process?

To initiate the return process under this Limited Lifetime Warranty, please contact our customer service team immediately at 800-638-0032 and hit customer service option or email at holleyorders@holley.com for complete Hooker BLACKHEART product return instructions and to request a Return Goods Authorization (RGA) Number. Please be prepared to return the allegedly defective product to Holley, along with a copy of the original dated purchase receipt. Holley reserves the right to reject a warranty claim if you cannot establish date of purchase. Final warranty determination is at the sole discretion of Holley.

Should I use Header Wraps?

If you choose to use header wraps, you will void your Warranty. Header wraps cause fatigue in the primary tubes and create fractures in the metal.

What other conditions and exclusions apply?

This warranty does not provide compensation for loss of time, loss of use of vehicle, labor cost, cost of additional parts, shipping, inconvenience or other consequential or incidental damage. Some states do not allow the exclusion or limitation of incidental or consequential damages, so these limitations or exclusions may not apply to you.

Holley's maximum liability under this Limited Lifetime Warranty shall not exceed the original cost of the product to the consumer. This Limited Warranty gives you specific legal rights and you may also have other rights which vary under state or provincial laws.

This Limited Warranty is exclusive and in lieu of all others, whether oral or written and whether express or implied. Any implied warranties, including implied warranties of merchantability and fitness for a specific purpose are hereby disclaimed. Some states do not allow the exclusion or limitation of implied warranties, so these exclusions or limitations may not apply to you.