



Installation Instructions & Warranty Information

SKC102 - 1963-1972 Chevrolet C-10

LS Swap Transmission Crossmember



PerTronix® thanks you for choosing **DOUG'S HEADERS**, the best fitting, highest quality Header and Engine Swap products on the market. To realize the full potential of our good fit, please read and understand these instructions completely prior to starting work.

Check to make sure you received the proper parts for your application against the parts list in these instructions. If you are unsure you have received the proper parts, please call PerTronix before you start work.

Be sure to work safe! Whenever you work under the vehicle be sure that it is located on level, solid ground and is supported by adequate safety stands!

Remember: Hot asphalt will not support most jack stands!

WARNING:

This product can expose you to chemicals including Lead, Nickel, Cadmium and Chromium which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Rev. 3 5-10-22 DSL

NOTE: Read Before Starting Installation

1. This Crossmember kit is designed to be used exclusively with Doug's Engine Mounts, part #SK102 or SK102-A. Use of any other motor mount kit can cause fitment and vibration issues
2. Doug's Oil Pan part # SKOP100 is required for engine crossmember clearance
3. You will need a GM Style Transmission rubber mount such as Anchor #2268 or Energy Suspension #3.1108.
4. Included in this kit are 2 transmission spacers, depending on your transmission you will either use one of them or neither.
5. This installation requires that you mount your LS/LT engine using the Doug's SK102/SK102-A before attempting to install this crossmember. Your transmission of choice will need to be installed to the motor and raised tight against the floor. If you are using a 4L80, T56, or 6L80 you will need a "High Hump" floor tunnel, these are available from most Classic Chevy Truck parts outlets. It is also highly recommended that you install New rubber body mounts before proceeding to allow maximum transmission clearance.

INSTALLATION

1. Make sure the tail shaft of the transmission is raised as high as possible.
2. Mount the Transmission Rubber mount to the transmission and tighten.
3. If you have a T56, the mount will sit directly on the crossmember. If you have a 6L80, 4L60, TH350, or 700R4 you will use the 11/16" tall spacer. If you have a 4L80 or TH400 you will use the 1" tall spacer. Lift the crossmember up to the transmission mount with the Arrow facing Forward and bolt the crossmember to the mount using the appropriate spacer and correct length bolts. Do NOT tighten the crossmember to mount bolts, leave just loose enough for fore and aft adjustment.
4. Slide the left and right-side bracket (marked R & L) above the lower frame rail and bolt them to the crossmember using the 3/8" bolt, washers and nuts. Tighten the two bolts on the flat surface first, then the two on the upright tabs.
5. Lower the transmission until the side brackets are just barely touching the frame rail. Slide the crossmember forward or back until you can align two holes on each side of the crossmember with the factory holes in the frame. Due to GM manufacturing tolerances, you may need to slightly ream the holes with a 3/8" drill bit. Install the 3/8" bolts, nuts, and washers.
6. Once everything is lined up and square, lower the trans the rest of the way and tighten all bolts to 25-30 Ft. Lbs.

Parts List

1	Crossmember	1	Right Side Bracket
1	Left Side Bracket	12	3/8-16 X 1" Flange Head Bolts
12	3/8-16 Serrated Flange Nuts	2	7/16-14 X 1 1/2" Hex Head Bolts
2	7/16-14 X 1 1/4" Hex Head Bolts	2	7/16 Flat Washers
2	7/16 Lock washers	1	11/16" Tall Transmission Spacer
1	1" Tall Transmission Spacer		

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PERTRONIX PERFORMANCE BRANDS EMISSIONS CODES

This Product is Certified by the Manufacturer as being a Non-Emissions Related part per CARB and EPA regulations and therefore does not require emissions certification or CARB EO and is legal in all 50 states.

REV 3/2022

DOUG'S HEADERS LIMITED WARRANTY

All Doug's Headers and Exhaust products are guaranteed, to the original purchaser, to be free of defects in material and workmanship for one year from date of purchase. This warranty covers the replacement or repair of the product and does not cover the cost of removal and installation, customer applied coatings, or Any discoloration or corrosion of finished surfaces.

Damage or product failure resulting from collision, improper installation, off road use, road hazards, the use of exhaust insulating wrap, or rust occurring after installation is not covered by the warranty. This warranty extends only to the original purchaser.

Should a part be deemed defective, it should be returned to the original selling retailer and must be accompanied by the sales receipt. If there is no retailer in your area, contact PerTronix direct for a return authorization and return the part prepaid to the factory for inspection. PerTronix reserves the right to replace or repair the alleged defective part and return the part freight collect.



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