

LS SWAP SELECTION GUIDE

1973-87 GM C-10/20 2WD

Step 1 - Select Engine Mounts (Required for designed clearances)



73-87 GM C-10 LS-Swap Engine Mounting Brackets

[12621HKR](#)

Step 2 - Select Transmission Crossmember (Required for designed clearances)



Transmission being Installed	Required Components	
T56/T56 Magnum	12646HKR , 12645HKR	<p>12645HKR adapter bracket is required for installation of a TH350, 700R4, T56 or T56 Magnum transmission</p> <p>*May require tunnel modification for installation on 73-80 model year trucks</p>
200-4R	12646HKR	
TH400	12646HKR	
TH350	12646HKR , 12645HKR	
700R4	12646HKR , 12645HKR	
4L60-4L75E*	12646HKR	
4L80E/4L85E*	12646HKR	

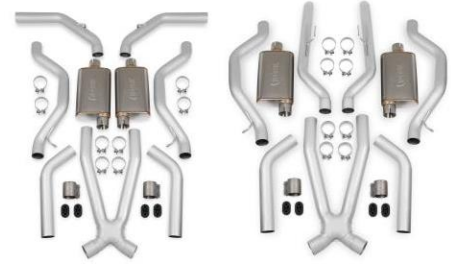
Step 3 - Select Headers or Manifolds



Full Length Headers w/ 1 3/4" Primaries and 3" Collector	Full Length Headers w/ 1 7/8" Primaries and 3" Collector	Cast Iron Exhaust Manifolds w/ 2 1/4" Outlet
70101503HKR (Black Painted)	70101504HKR (Black Painted)	8501HKR (Raw)
70101503-1HKR (Silver Ceramic)	70101504-1HKR (Silver Ceramic)	8501-1HKR (Silver Ceramic)
70101503-3HKR (Black Ceramic)	70101504-3HKR (Black Ceramic)	8501-3HKR (Black Ceramic)
70101303-RHKR (304 Stainless Steel)	70101304-RHKR (304 Stainless Steel)	8501-4HKR (Titanium Ceramic)
		8501-5HKR (Cast Iron Gray Ceramic)

Step 4 - Select Exhaust System

(Short bed chassis only)



2 1/2" Exhaust System w/ Mufflers	3" Exhaust System w/ Mufflers
70501414-RHKR (409 Stainless Steel, Side Exit)*	70501415-RHKR (409 Stainless Steel, Side Exit)*
70501416-RHKR (409 Stainless Steel, Rear Exit)	70501417-RHKR (409 Stainless Steel, Rear Exit)
70501314-RHKR (304 Stainless Steel, Side Exit)*	70501315-RHKR (304 Stainless Steel, Side Exit)*
70501316-RHKR (304 Stainless Steel, Rear Exit)	70501317-RHKR (304 Stainless Steel, Rear Exit)

*Does not fit 56" (26" x 30") heavy duty springs

Step 5 - Select Adapter Pipes

(To connect headers/manifolds to exhaust system)



Headers/Exhaust Manifolds (from Step 3)	Exhaust System (from Step 4)	
	2 1/2"	3"
Full Length Headers	42107HKR	No Adapter Necessary (Headers Bolt Up Directly)
8501 Series Exhaust Manifolds	70701403-RHKR	No Adapter Available

Optional Accessories - Steps 6 & 7

Step 6 - Select Oil Pan



Retro-Fit Oil Pan	Retro-Fit Oil Pan w/ Additional Front Clearance*
302-1	302-2

*302-2 Oil pan cannot be used with LS7 engines or "stroker" engines with stroke greater than 3.62"

Step 7 - Select Accessory Drive Kit*

(Includes A/C compressor, Alternator, P/S Pump, Tensioner, Pulleys, Brackets, Hardware, and Wiring Pigtails)



LS Accessory Drive Kit w/ R4 A/C Compressor	LS Accessory Drive Kit w/ SD508 A/C Compressor	LS Accessory Drive Kit w/ SD7 A/C Compressor	Low Mount LS Accessory Drive Kit w/ SD7 A/C Compressor
<u>20-136</u>	<u>20-137</u>	<u>20-138</u>	<u>20-162</u>

*Compatibility of Holley accessory drive kits requires use of 12621HKR engine mounting brackets. All accessory drive kits listed above require 21-1, 21-2, 21-3, or 21-4 installation kit depending on crankshaft pulley belt alignment. For more information and additional accessory drive components, please click the following link:

https://www.holley.com/products/ls_power/accessory_drives/